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Phase I-Environmental Site Assessment

1090 Cummings Avenue
Ottawa, Ontario

Prepared For

1230496 Ontario Inc.

August 31, 2016

Report: PE3839-1

Paterson Group Inc.

Consulting Engineers
154 Colonnade Road South
Ottawa (Nepean), Ontario
Canada K2E 7J5

Tel: (613) 226-7381
Fax: (613) 226-6344
www.patersongroup.ca

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EXECUTIVE SUMMARY

ASSESSMENT

According to the historical research, the subject property was first developed in the 1900's with a residential dwelling. The present day industrial building was constructed later, in 1959, with additions constructed in later years. The building has always been used for industrial purposes, first as a steel fabrication shop, followed by various tenants including storage, a bread distributor, and an auto body shop.

Historical research indicates that surrounding land has been mainly used for residential purposes with commercial property use to the south and further west. A records search was conducted through the Environmental Risk Information Service (ERIS). Search results confirmed the industrial nature of the property. Additional searches of insurance reports were conducted. No additional environmental concerns were identified in these searches.

Following the historical research, an inspection of the Phase I Property and the Phase I ESA study area was conducted. The Phase I Property is currently occupied by an industrial building, with two (2) tenants; an auto body shop and a steel fabricator shop. A landscape contractor occupies the northern part of the building on a seasonal basis. The building has one vacant unit, and another unit used for general storage and employee parking for the property owners. A temporary structure is located near the northeast corner of the site, and is used for sand blasting activities by the body shop.

Numerous chemicals (associated with auto body shop) were noted during the site visit. Generally, they were well stored on shelves. Several containers (20 L pails and one 200 L drum) were noted near the spray painting booth. These contained used paints and solvents. This area showed signs of past spills, based on the residue on the floor in this area.

Two (2) aboveground storage tanks were noted along the exterior of the building, and contained gasoline. A third aboveground storage tank, containing diesel, was noted in the covered area of the north side of the building. The tanks were in solid condition, but did show signs of surficial rusting. Some staining was noted in their vicinity.

A salt storage bay and two brine silos were noted in the covered area of the north side of the building. The salt and brine is used by a local landscaper during winter months.

Areas of potential environmental concern on the subject property include: the commercial auto body shop (APEC1), the steel fabrication shop (APEC2), aboveground storage tanks (APEC3 and APEC4), and a salt and brine storage area (APEC5).

A visual assessment of the properties within the Phase I ESA study area did not identify any current off-site PCAs with the potential to represent APECs on the Phase I Property.

Conclusion

Based on the findings of this Phase I ESA, it is our opinion that a **Phase II ESA is required for the Phase I Property to address the noted areas of potential environmental concern on the subject property.**

1.0 INTRODUCTION

At the request of 1230496 Ontario Inc. (Ambico Limited), Paterson Group (Paterson) conducted a Phase I-Environmental Site Assessment (Phase I- ESA) of the property addressed 1090 Cummings Avenue, in the City of Ottawa, Ontario. The purpose of this Phase I-ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject property.

Paterson was engaged to conduct this Phase I-ESA by Mr. Judah Silverman of Ambico Limited. The offices of Ambico Limited are located at 1120 Cummings Avenue, Ottawa, Ontario. Mr. Silverman can be reached by telephone at (613) 746-4663.

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

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

2.0 PHASE I PROPERTY INFORMATION

Address:	1090 (1068-1100) Cummings Avenue, Ottawa, Ontario
Legal Description:	Lot 5 and Part of Lot 6, of Plan 217, in the City of Ottawa
Property Identification Number:	04266-0067
Location:	The Phase I Property is located on the west side of Cummings Avenue immediately south of Caron Street, in the City of Ottawa, Ontario. The subject site is shown on Figure 1 - Key Plan following the body of this report.
Latitude and Longitude:	45° 25' 48" N, 75° 38' 04" W.

Site Description:

Configuration:	Rectangular.
Site Area:	1.52 ha.
Zoning:	R1M – Residential First Density
Current Use:	The property is currently occupied by an auto body garage, a steel retailer/fabricator, and a landscape company (on a seasonal basis).
Services:	The subject property is serviced with municipal water and sewer, as is the surrounding neighbourhood.

3.0 SCOPE OF INVESTIGATION

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

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

4.0 RECORDS REVIEW

4.1 General

Phase I-ESA Study Area Determination

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

First Developed Use Determination

Based on the chain of title, city directories, air photo research and discussions with individuals involved with the subject property, it is our interpretation that ownership of the property began in 1903. A dwelling was constructed sometime after, followed by the construction of a industrial building on May 25, 1959.

Fire Insurance Plans

No fire insurance plans are available for the study area.

City of Ottawa Street Directories

City directories at the National Archives were reviewed in approximate 10 year intervals from 1968 through 2011, as part of the Phase I-ESA. City directories were not available prior to the 1960's. The subject and neighbouring properties within the Phase I study area were mainly used for residential and commercial purposes followed by increasing residential use over the years. The Phase I Property was listed in the directories as early as 1968 as Vandenbelt Metal Works Ltd. until the 1980's. The property was also listed as the Conseil D'Education Carleton (1984), Gilles Auto Body, Zenith Plating, Bumper Service and Inly Systems International (1990-2000), Lanthier Bakery (2000), Belko Auto Body (2000), Interprovincial Truck Body (2000), and Encore Steel (2011).

The metal works and auto body activities are both considered to be potentially contaminating activities on the subject site resulting in areas of potential environmental concern.

Properties within the study area consisted of various commercial and industrial operations. An automotive dealership and garage was located at 959 Cummings Avenue, approximately 110 m northeast of the subject site in the 1990's-2000's. A construction firm was also located at that address prior.

A welding shop was located at 1091 Cummings Avenue, located across Cummings Avenue from the subject site, from the 1970's until the 1990's. The property at 1120 Cummings Avenue, located adjacent to the south, has been listed as Ambico Limited from the 1970's until present. Based on their locations from the subject site, these properties are not considered to represent areas of potential environmental concern to the subject site.

Chain of Title

Paterson requested a title search for the subject property from Read Abstracts Limited. The records review was extended back to 1903. The property was owned by various individuals from 1903 until the late 1950's, when it was transferred to private investment firms. This coincides with the construction date of the subject building. A copy of the Chain of Title is provided in Appendix 1.

Environmental Reports

Paterson has conducted several environmental assessments in the vicinity of the subject site. No significant concerns were identified in a review of the past assessments.

Plan of Survey

A plan of survey was not available for the subject property.

Additional Records Search

Opta Information Intelligence were commissioned to conduct a search of insurance records for the subject property. Three (3) reports were reviewed as part of their search; a site plan report from 1979 and 1984 were reviewed, as well as a commercial property fire inspection report from 1981.

The 1979 plan shows the subject building in a similar configuration to the building today. Notes on the plan indicate "spray painting" at the back of the building (in a similar configuration to the spray painting on-site today). Two smaller buildings are shown in the northeast corner of the property. The 1984 plan shows the building occupied by the Government of Canada, Fournier Van and Storage and Betty Bread.

There were no indications of fuel storage tanks on the plans.

The commercial property fire inspection survey form 1984 did not identify any potential environmental concerns.

The full Opta report is included in Appendix 2.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on June 20, 2016. The Phase I Property is not listed in the NPRI database. There are no properties registered in the NPRI database within the study area.

PCB Inventory

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

Ontario Ministry of Environment and Climate Change (MOECC) Instruments

Ecolog ERIS was commissioned to conduct a database search, which included a search for MOECC instruments. The subject property was approved for discharge to the natural environment (i.e. air) in 2003. An environmental compliance approval was issued for the neighboring property to the south, at 1120 Cummings Avenue, as well as two environmental compliance approvals for air/noise.

MOECC Coal Gasification Plant Inventory

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

MOECC Incident Reports

One historic TSSA incident was recorded at 4443 Elaine Drive, approximately 233 m west-northwest of the subject site. Due to the large separation distance, it is not considered to be an environmental concern to the subject site.

MOECC Waste Management Records

The subject property and several properties in the study area were listed as waste generators. The subject site has been listed with various waste codes, such as aliphatic solvents, petroleum distillates, light fuels, oil skimmings and

sludges, waste oils and lubricants. Properties to the south and east have had similar records of waste codes.

MOECC Submissions

No submissions were noted in the Ecolog ERIS report.

MOECC Brownfields Environmental Site Registry

The Ecolog ERIS search report identified two (2) records of site condition (RSC) within the study area. Both records pertained to one RSC filed for the property located at 959 Cummings Avenue, approximately 240 m north-northwest from the subject site. This property is not considered to pose an environmental concern to the subject site based on the separation distance between the two properties.

MOECC Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. No former waste disposal sites were identified within the Phase I ESA study area.

Areas of Natural Significance

A search for areas of natural significance and features within the Phase I study area was conducted on the web site of the Ontario Ministry of Natural Resources (MNR). The search did not reveal any natural features or areas of natural significance within the Phase I ESA study area.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto was contacted electronically on June 20, 2016 to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. No records are listed in the TSSA registry for the Phase I Property or immediately adjacent properties. A copy of the TSSA correspondence is included in Appendix 2.

City of Ottawa Landfill Document

The document entitled "Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa", was reviewed. No former waste disposal sites were located within the Phase I study area.

4.3 Physical Setting Sources

Aerial Photographs

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

1953 The subject site appears to consist primarily of vacant field. A small structure is located on a portion of the site, further from Cummings Avenue. Properties in the study area appear to be vacant agricultural lands or residential.

1958 A dwelling appears to be located in the northeast corner of the property. No other changes appear to have been made to the subject property. Some properties along Cummings Avenue appear to have been developed with residential dwellings.

1968 The subject site has been developed with a portion of the present-day building. The northern portion of the subject site is vacant with the exception of a residential dwelling. Properties further north have been developed with residential dwellings. A commercial yard appears to be present across Cummings Avenue.

1976 No significant changes appear to have been made to the subject site or adjacent properties.

1982 No significant changes have been made to the subject site. Caron Street has been constructed to the north and residential dwellings have been constructed to the west.

1997 No significant changes appear to have been made to the subject site or adjacent properties.

2011 The residential dwelling formerly located in the northeast corner of the property is no longer present. No other significant changes appear to have been made.

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

Topographic Maps

A topographic map was obtained from Natural Resources Canada – The Atlas of Canada website.

The topographic map showed the current building on the subject property, and the building to the south. The properties within the surrounding area appeared to be primarily residential, with a park located immediately to the north across Caron Street. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

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

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock in the area of the site consists of shale of the Billings formation. Overburden soils are shown as till or alluvial sediment with a drift thickness on the order of 2 to 5 m.

Water Well Records

The Ecolog Eris report identified 12 water well sites in the Water Well Information System. None of the wells were located on the subject property. The records pertained to drilled potable wells, test wells, or well abandonment records.

Water Bodies and Areas of Natural Significance

No water bodies or areas of natural significance are located within the Phase I study area.

5.0 INTERVIEWS

Property Owner

A representative of Ambico, the current owners of the subject property, was present at the time of the site assessment. He indicated that he has worked for Ambico for the past 30 years. The representative indicated that the subject site has had numerous tenants, which included a steel distributor (who occupied the entire site), a bread distributor, and since 1994, an autobody repair shop. He also indicated that a dwelling was located on the property, near the northeast corner of the site, but was demolished in the last ten years.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

A site visit to the subject property was conducted by a member of the Environmental Department of Paterson Group on June 21, 2016. In addition to the site, the uses of neighbouring properties were also assessed at the time of the site visit.

6.2 Specific Observations at Phase I Property

Buildings and Structures

The subject property is occupied by an industrial building occupied by two (2) tenants; Belko Auto Body and Encore Steel. A portion of the building is also occupied by the property owners and is used for storage and parking for their employee and company vehicles. The original building was constructed in 1959, with several additions over the years.

The exterior of the building is clad in metal siding, concrete block and brick. The roof is a flat tar and gravel roof. An enclosed storage area is located further north on the property, and connected to the main building by steel framework.

The body shop, which occupies the southwest corner of the building, is equipped with 6 bay doors which open to 6 work bays. The last bay door opens to a large enclosed painting booth. The floor in this unit consists of poured concrete, with the exception of vinyl floor tiles in the garage office area. Catch basins were observed in the garage area. Some were observed to contain water with a dusty surface. Based on discussion with the garage operator, the catch basins were installed to catch rain and melt water from the trucks.

The basins are not connected to each other, or to any sewer lines. The catch basins are self contained and they are pumped out as needed by a local contractor.

The steel fabricator unit has two bay doors. Several work stations are present in the building, which are primarily used for welding and assembling pieces. Office spaces are located adjacent to the work area, over two stories and a basement. The northern portion of the building is currently vacant and consists of office spaces with an adjoining work area (former shipping and receiving area). Finally, a large open warehouse area is located in the northwest corner of the building, with identical construction to the auto body shop.

A temporary building has been erected in the northeast corner of the property. The canvas-covered dome is used by the body shop to conduct sandblasting of large trucks and heavy equipment prior to painting in their paint booth. Access to the interior was not possible at the time of the site visit due to active sandblasting activities.

Part of the northern areas of the building is used seasonally by a landscape contractor, where he stores bulk salt and a brine solution and keeps an aboveground diesel fuel storage tank.

Site Features

The subject property is occupied by one large structure, and one temporary storage tent. The southern portion of the site is covered in asphaltic concrete and is in part used to store old vehicles and various auto body parts. The southeastern corner is also used to store structural steel. The northern portion of the site is partially covered with shrubs and trees. A portion of this area along Cummings Avenue is reserved for parking of large vehicles.

Site drainage consists of surficial runoff to adjacent sites and potentially infiltration in the gravel areas. Site topography is generally flat. Staining on the asphalt of an oily nature was noted in areas adjacent to the auto body garage. Approximately four (4) oily stains were noted. Surficial staining was also observed in the steel storage area, due to rust.

No evidence of current or former railway or spur lines on the subject property was observed at the time of the site visit. There were no unidentified substances observed on the exterior of the subject site. The above-noted site features are shown on Drawing PE3839-1 - Site Plan.

Potentially Contaminating Activities

Potentially contaminating activities (PCAs) identified on the subject property at the time of the site assessment, as per Column A of Table 2, from Ontario Regulation 153/04, amended by Ontario Regulation 296/11, include the following:

- Belko Auto Body (Item 10; commercial auto body shop)
- Encore Steel (Item 32; metal fabrication)
- Two (2) aboveground gasoline fuel storage tanks (Item 28; gasoline and associated products storage in fixed tanks)
- One aboveground diesel fuel storage tank (Item 28; gasoline and associated products storage in fixed tanks), some staining was noted on the ground surface adjacent to the tank
- Salt and brine storage (Item 48; salt manufacturing, processing and bulk storage)

The above noted PCAs are considered to be areas of potential environmental concern to the subject site.

Neighbouring Properties

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

- North – Caron Street followed by Cummings Park;
- South – Ambico Limited followed by residence;
- East – Cummings Avenue followed by residential dwellings.
- West – Residential dwellings.

No environmental concerns were identified with the present use of the neighbouring properties. Land use within the Phase I study area is depicted on Drawing PE3839-2 – Surrounding Land Use Plan.

6.3 Enhanced Investigation Area

On-Site Processing/Manufacturing Operations

The unit occupied by Encore Steel consists in part of a warehouse area where the company assembles structure steel members. Manufacturing operations consisted primarily of cutting and welding.

Hazardous Materials Storage

The auto body shop is equipped with a walk-in metal storage locker containing various chemicals used in the auto body repair trade. These consisted of various solvents, reducers, binders and activators. These were all stored in a metal cabinet within the storage locker. Approximately 15 sealed pails (each 18.9 L) were observed on a skid near the spray gun washing station. These pails contained spray gun washing solution. No signs of leaking were observed below this skid. Several pails and one drum of waste paint and other solutions were stored within a paint booth. The pails appeared to be in fair condition, as some pails had staining on the sides. The floor in this area appeared to be coated with some form of paint residue.

No significant hazardous material storage was observed in other units.

Two (2) aboveground fuel storage tanks were noted outside of the steel fabricator's shop. The tanks appeared to be in good condition, and no signs of staining were noted around them.

One (1) aboveground coloured diesel storage tank was noted in the northern part of the building. The tank appeared to have some surficial rust and staining was noted on the concrete ground surface around it.

Products Manufactured at the Property

Products manufactured at the Phase I-ESA property consisted primarily of steel members. No concerns were noted with the actual manufacturing process.

By-Products and Wastes

By-products and wastes observed at the subject site include the waste paints and chemicals produced at the auto body shop. These were contained in pails and a drum located at the paint booth.

The body shop operator indicated that the wastes are collected on an as-needed basis by a local contractor. Sand blast residue is also stored on the property, adjacent to the sand blasting dome.

Raw Materials Handling and Storage

Raw materials on the subject site consisted of various types of structural steel. They were stored in the south east corner of the property. Rust stains were observed on the asphalt ground surface in that area. No concerns were identified with the storage.

Vehicle Maintenance Areas

The auto body shop is equipped with six (6) work bays. One bay was equipped with an electric vehicle hoist. Another bay consisted of a large enclosed spray booth. No hydraulic lifts or in-ground hoists were observed. Some oily staining was observed on the concrete floor in the work areas. The concrete floor appeared to be in decent shape, however cracks were observed in certain areas.

No oil-water separators were observed in the garage. Several self-contained catch basins were noted in the work area. It was reported that they are not interconnected and simply serve as reservoirs to collect water. Certain catch basins were dry, while others contained water with a dusty film on the surface.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

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

Table 1A - Land Use History – Lot 5, Plan 217

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photos, FIPs, etc.
Prior to 1903	Crown	Undeveloped	Vacant	None
1903-1908	Mary Jane Thomson	Undeveloped	Vacant	None
1908-1957	Noe Labrie	Undeveloped	Vacant	Site is vacant in 1953 aerial photo.

Table 1A - Land Use History – Lot 5, Plan 217 - Continued

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photos, FIPs, etc.
1957-1959	Pierre and Berthe Cardinal	Steel manufacturer	Industrial	Site vacant in 1958 aerial photo. Building constructed in 1959.
1959-1961	Terrace Investments Ltd.	Steel manufacturer	Industrial	None
1961-1965	Arnold Vanderbelt Jr.	Steel manufacturer	Industrial	None
1965-1976	Belisle Investments Ltd., later G.B. Realty Investments Ltd.	Steel manufacturer	Industrial	Industrial building present on-site and residential dwelling in northeast corner in 1968 aerial photograph.
1976-1979	Israel Shinder, Emmanuel Lightstone	Steel Manufacturer	Industrial	Industrial building present on-site and residential dwelling in northeast corner in 1976 aerial photograph.

Table 1B - Land Use History – Part of Lot 6, Plan 217

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photos, FIPs, etc.
Prior to 1903	Crown	Undeveloped	Vacant	None
1903-1908	Mary Jane Thomson	Undeveloped	Vacant	None
1908-1909	James McDonald	Undeveloped	Vacant	None
1909-1910	Bernard Slattery	Undeveloped	Vacant	None
1910-1921	Daniel J. Brown	Undeveloped	Vacant	None
1921-1932	Adouilda J. Dore	Undeveloped	Vacant	None
1932-1947	Noe and Mary Fournier	Undeveloped	Vacant	None
1947-1958	The director, The Veterans Land Act	Undeveloped	Vacant	Site is vacant in 1953 aerial photo.

Table 1B - Land Use History – Part of Lot 6, Plan 217 - Continued

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photos, FIPs, etc.
1958-1958	Joseph R. Dumas	Undeveloped	Vacant	Site vacant in 1958 aerial photo.
1958-1959	Gordon and Mary Kritsch	Steel manufacturer	Industrial	Site vacant in 1958 aerial photo. Building constructed in 1959.
1959-1964	Armins Millers	Steel manufacturer	Industrial	Building constructed in 1959.
1964-1966	Belisle Investiments Ltd. (Gordon Kritsch)	Steel manufacturer	Industrial	None
1966-1966	Madeleine Dumas	Steel manufacturer	Industrial	None
1966-1969	Jean and Gerald Cloutier	Steel manufacturer	Industrial	Industrial building present on-site and residential dwelling in northeast corner in 1968 aerial photograph.
1969-1969	Gerald Charron	Steel manufacturer	Industrial	None
1969-1976	Belisle Realties Ltd., Belisle Investments Ltd., becoming G.B. Realty and Investments	Steel manufacturer	Industrial	Industrial building present on-site and residential dwelling in northeast corner in 1976 aerial photograph.
1976-1979	Arnold Vandenbelt Jr.	Steel manufacturer	Industrial	Industrial building present on-site and residential dwelling in northeast corner in 1976 aerial photograph.
1979-1997	Israel Shinder, Emmanuel Lightstone	Window and door manufacturer, automotive body shop, steel manufacturer	Industrial	Industrial building present on-site and residential dwelling in northeast corner in 1982 aerial photograph.
1997-2008	12300496 Ontario Inc.	Window and door manufacturer, automotive body shop, steel manufacturer	Industrial	Industrial building present on-site and residential dwelling in northeast corner in 1997 aerial photograph.

No new potential concerns were identified from the Chain of Title.

Potentially Contaminating Activities

The following Potentially Contaminating Activities were identified on the subject property:

- ❒ Item 10, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: "Commercial Auto Body Shop";
- ❒ Item 34, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: "Metal Fabrication";
- ❒ Item 28, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: "Gasoline and Associated Products Storage in Fixed Tanks"
- ❒ Item 48, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: "Salt Manufacturing, Processing and Bulk Storage".

The following historical Potentially Contaminating Activities were identified on the properties in the Phase I-ESA study area:

- ❒ Door and window manufacturer, located south of the subject site.
- ❒ Construction yard, formerly located to the east across Cummings Avenue
- ❒ Item 52, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: "Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems", due to the automotive garage formerly located at 959 Cummings Avenue (240 m northeast)

The above off-site PCAs are not considered to have resulted in APECs on the subject site due to their locations cross and up gradient.

Areas of Potential Environmental Concern (APEC)

Table 2: Areas of Potential Environmental Concern

Area of Potential Environmental Concern	Location of PEC on Phase I Property	Potentially Contaminating Activity (PCA)	Location of PCA (on-site/off-site)	Contaminant of Potential Concern (CPC)	Media Potentially Impacted (Groundwater, Soil, and/or Sediment)
Belko Automotive - Commercial Auto body shop **(APEC1)**	West central portion of site	Item 10: Commercial Auto Body Shop	On-site	VOC, PHC	Soil, Groundwater
Encore Steel – Metal Fabricator **(APEC2)**	Central portion of site	Item 34: Metal Fabrication	On-site	Metals	Soil, Groundwater
Aboveground Gasoline Fuel Tanks (2) **(APEC3)**	Central portion of site	Item 28: Gasoline and Associated Products Storage in Fixed Tanks	On-site	PHC/BTEX	Soil, Groundwater
Aboveground Diesel Fuel Tank **(APEC4)**	Northern portion of site	Item 28: Gasoline and Associated Products Storage in Fixed Tanks	On-site	PHC/BTEX	Soil, Groundwater
Storage of salt and brine **(APEC5)**	Northern portion of site	Item 48: Salt Manufacturing, Processing and Bulk Storage	On-site	Sodium, electrical conductivity, chlorine, SAR	Soil, Groundwater

Contaminants of Potential Concern

Contaminants of potential concern on the subject site include the following:

- Volatile Organic Compounds (VOCs)

Volatile organic compounds (which include benzene, toluene, ethylbenzene and xylenes) were selected as a contaminant of potential concern based on the use of various chemicals in the auto body trade. These chemicals may include solvents, cleaners, reducers, activators used in auto body work.

❒ Petroleum Hydrocarbons

PHCs were selected as contaminants of potential concern based on the presence of gasoline and diesel stored in aboveground storage tanks on the subject property, and due to the repair of vehicles in the auto body shop.

❒ Metals

Metals were selected as contaminant of potential concern based on the presence of a steel manufacturer on the subject property since the construction of the building.

❒ Sodium, Electrical Conductivity, Chlorine, Sodium Absorption Ratio (SAR)

These were selected as a contaminants of potential concern based on the presence of a salt storage area and two silos containing a brine solution.

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

Based on information from the Geological Survey of Canada mapping, drift thickness in the area of the subject site is on the order of 2 to 5 m. Overburden soils consist of till or alluvial sediments while bedrock consists of shale of the billings formation.

Existing Buildings and Structures

A warehouse-style building is located on the centre of the property. Two (2) tenants occupy the building. The property owners utilise a portion of the building for parking of company and employee vehicles. A temporary structure is located in the northeast corner of the property, and is used as a sandblasting enclosure for large vehicles and equipment.

Water Bodies

No water bodies are located within the 250 m Phase I ESA study area.

Areas of Natural Significance

There are no areas of natural significance within the 250 m Phase I ESA study area.

Drinking Water Wells

No drinking water wells are located on the Phase I Property. Records of drinking water wells exist within the study area, however based on the presence of municipal drinking water in the area, they are no longer expected to be in use.

Neighbouring Land Use

Neighbouring land use in the Phase I ESA study area is mainly residential, with commercial building to the south. The adjacent property to the south is industrial. Land use is shown on Drawing PE3839-2 - Surrounding Land Use Plan.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Column A of Table 2, outlined in Ontario Regulation 153/04 and amended by O.Reg. 279/11, potentially contaminating activities considered to be area of potential environmental concern, identified on the subject property and/or within the Phase I-ESA study area include the following: commercial auto body shop (item 10), metal fabrication (item 34), gasoline and associated products in fixed tanks (item 28), and salt manufacturing, processing and bulk storage (item 48).

Five (5) areas of potential environmental concern were identified on the subject property: the commercial auto body shop (APEC 1), the metal fabrication shop (APEC 2), the aboveground gasoline storage tanks located near the southeast corner of the building (APEC 3), the aboveground diesel storage tank located in the northern portion of the building (APEC 4), and the salt storage and brine storage within the northern portion of the building (APEC 5). The APECs are indicated on Drawing PE3839-1 – Site Plan.

Contaminants of potential concern associated with the above APECs include: PHCs, VOCs, Metals and Sodium, electrical conductivity, chlorine and sodium absorption ratio.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I ESA is considered to be sufficient to conclude the presence of on-site PCAs resulting in APECs on the Phase I property. A variety of independent sources were consulted as part of this assessment, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

8.0 CONCLUSIONS

8.1 Assessment

According to the historical research, the subject property was first developed in the 1900's with a residential dwelling. The present day industrial building was constructed later, in 1959, with additions constructed in later years. The building has always been used for industrial purposes, first as a steel fabrication shop, followed by various tenants including storage, a bread distributor, and an auto body shop.

Historical research indicates that surrounding land has been mainly used for residential purposes with commercial property use to the south and further west. A records search was conducted through the Environmental Risk Information Service (ERIS). Search results confirmed the industrial nature of the property. Additional searches of insurance reports were conducted. No additional environmental concerns were identified in these searches.

Following the historical research, an inspection of the Phase I Property and the Phase I ESA study area was conducted. The Phase I Property is currently occupied by an industrial building, with two (2) tenants; an auto body shop and a steel fabricator shop. A landscape contractor occupies the northern part of the building on a seasonal basis. The building has one vacant unit, and another unit used for general storage and employee parking for the property owners. A temporary structure is located near the northeast corner of the site, and is used for sand blasting activities by the body shop.

Numerous chemicals (associated with auto body shop) were noted during the site visit. Generally, they were well stored on shelves. Several containers (20 L pails and one 200 L drum) were noted near the spray painting booth. These contained used paints and solvents. This area showed signs of past spills, based on the residue on the floor in this area.

Two (2) aboveground storage tanks were noted along the exterior of the building, and contained gasoline. A third aboveground storage tank, containing diesel, was noted in the covered area of the north side of the building. The tanks were in solid condition, but did show signs of surficial rusting. Some staining was noted in their vicinity.

A salt storage bay and two brine silos were noted in the covered area of the north side of the building. The salt and brine is used by a local landscaper during winter months.

Areas of potential environmental concern on the subject property include: the commercial auto body shop (APEC1), the steel fabrication shop (APEC2), aboveground storage tanks (APEC3 and APEC4), and a salt and brine storage area (APEC5).

A visual assessment of the properties within the Phase I ESA study area did not identify any current off-site PCAs with the potential to represent APECs on the Phase I Property.

8.2 Conclusion

Based on the findings of this Phase I ESA, it is our opinion that a **Phase II ESA is required for the Phase I Property to address the noted areas of potential environmental concern on the subject property.**

9.0 STATEMENT OF LIMITATIONS

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

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

This report was prepared for the sole use of 1230496 Ontario Inc. Permission and notification from 1230496 Ontario Inc. and Paterson will be required to release this report to any other party.

Paterson Group Inc.

Adrian Menyhart, P.Eng.

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

Report Distribution:

- 1230496 Ontario Inc. (5 copies)
- Paterson Group (1 copy)

10.0 REFERENCES

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

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

Municipal Records
City of Ottawa Document “Old Landfill Management Strategy, Phase I - Identification of Sites.”, prepared by Golder Associates, 2004.
City of Ottawa Historical Land Use Inventory (HLUI) database
The City of Ottawa eMap website.

Local Information Sources
Chain of Title obtained through Read Abstracts Limited, June, 2016.
Opta Information Intelligence, Enviroscan, July 2016.
ERIS Environmental Risk Information Service, Database Report, June 2016.
Personal Interviews.
Previous Engineering Reports.

Public Information Sources
Google Earth.
Google Maps/Street View.

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE3839-1 – SITE PLAN

DRAWING PE3839-2 – SURROUNDING LAND USE PLAN

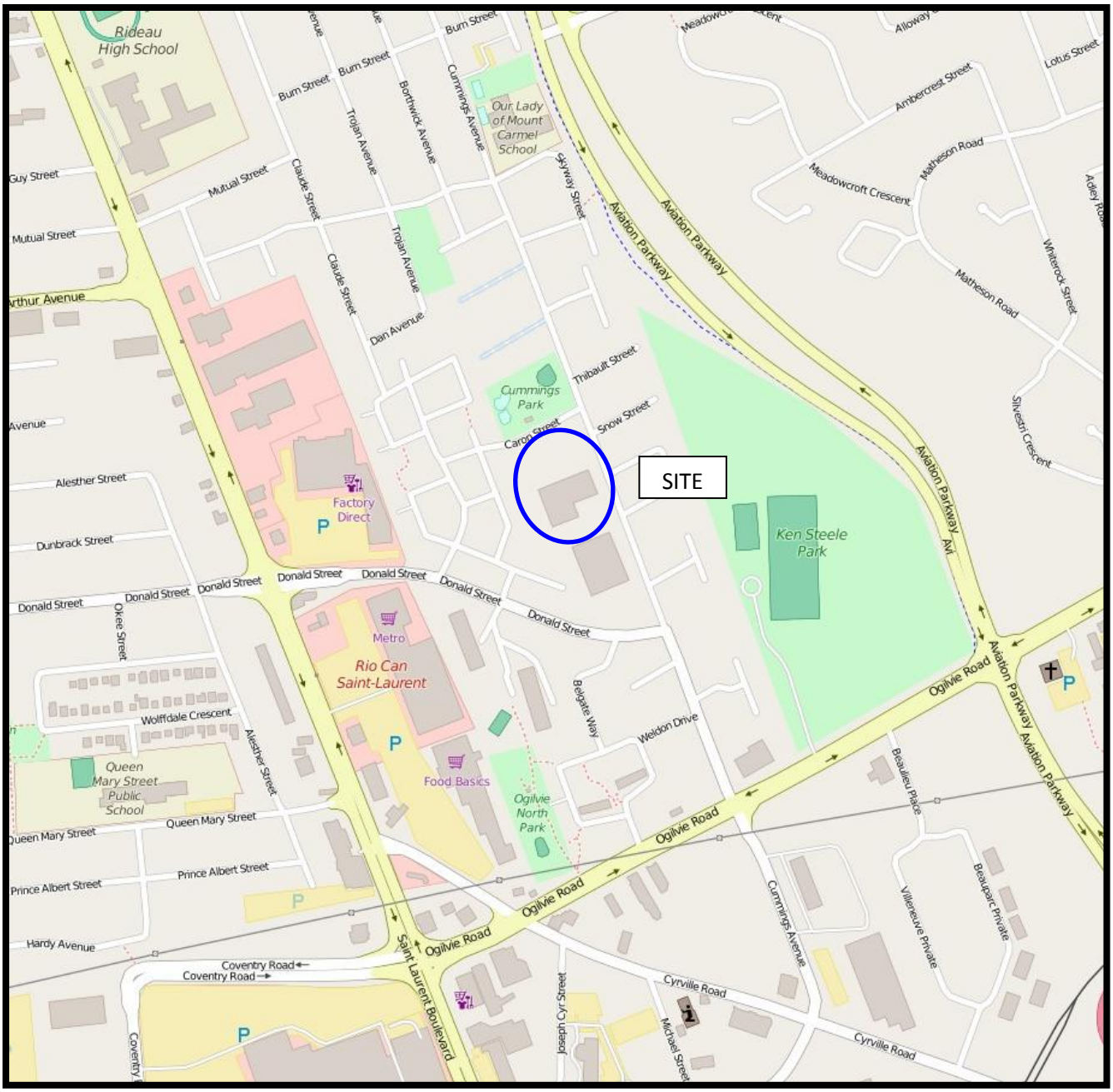


FIGURE 1

KEY PLAN

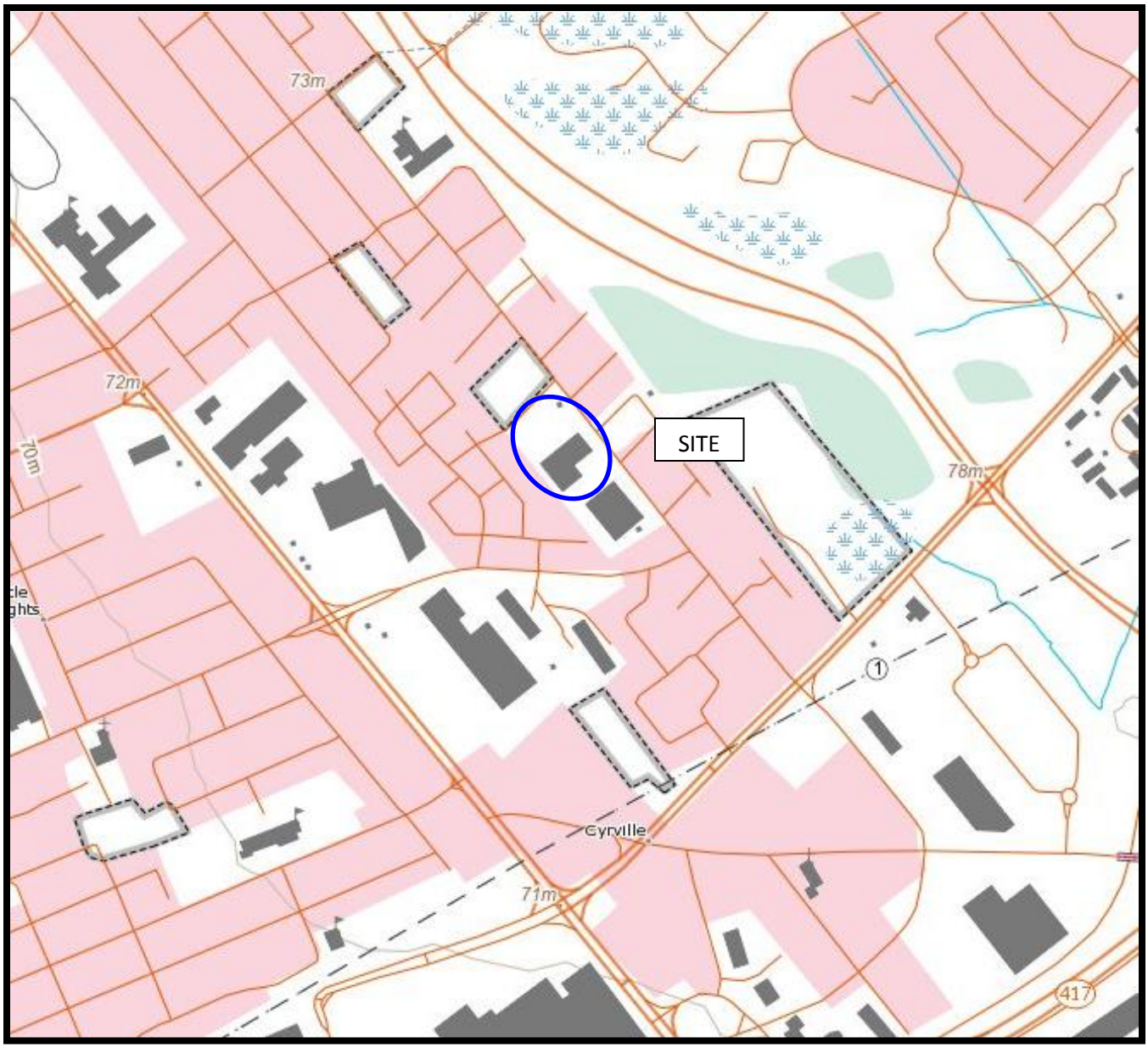
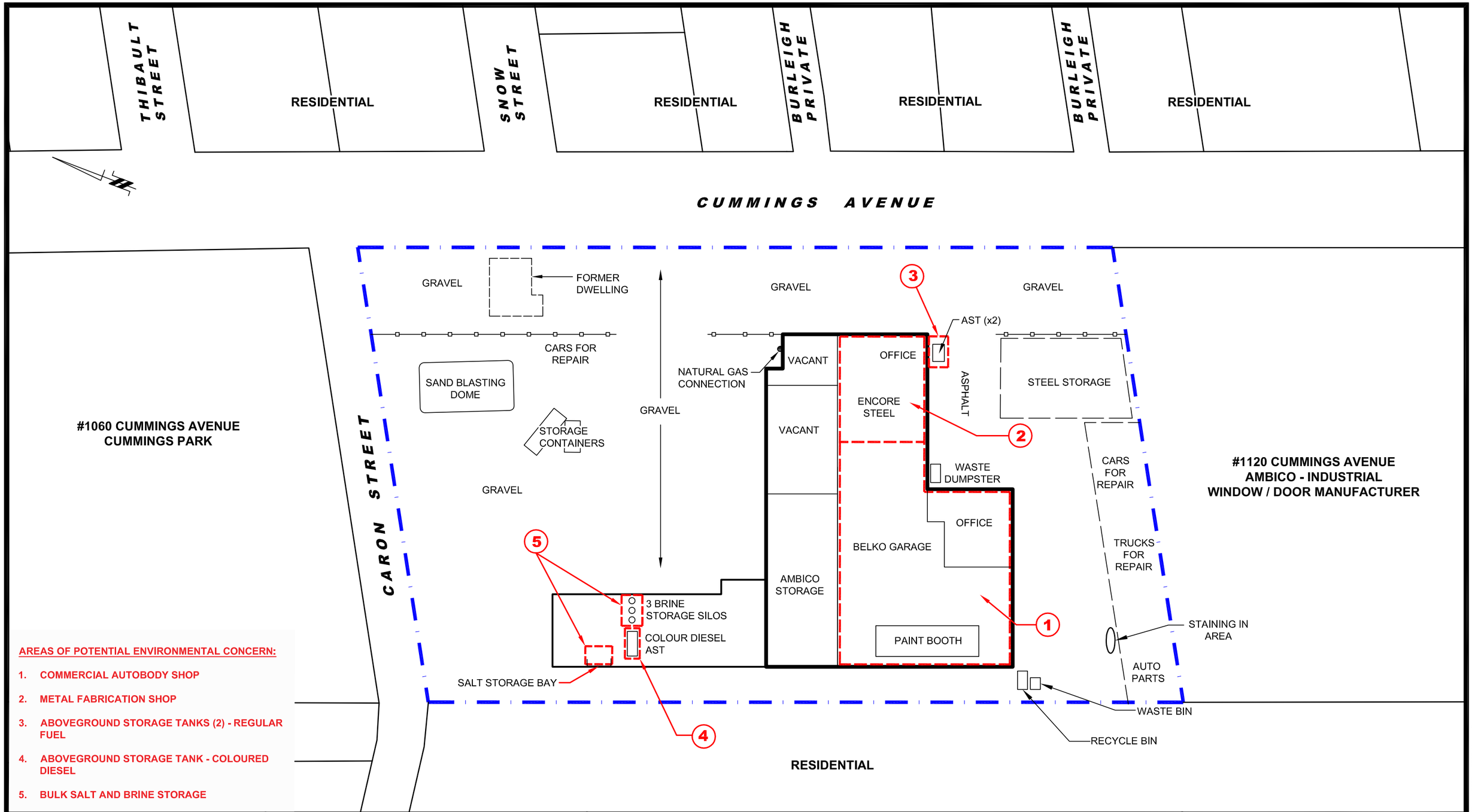


FIGURE 2

TOPOGRAPHIC MAP



AREAS OF POTENTIAL ENVIRONMENTAL CONCERN:

1. COMMERCIAL AUTOBODY SHOP
2. METAL FABRICATION SHOP
3. ABOVEGROUND STORAGE TANKS (2) - REGULAR FUEL
4. ABOVEGROUND STORAGE TANK - COLOURED DIESEL
5. BULK SALT AND BRINE STORAGE

patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL
0			

1230496 ONTARIO INC.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
1090 CUMMINGS AVENUE

OTTAWA, ONTARIO

Title:

SITE PLAN

Scale: 1:750	Date: 07/2016
Drawn by: AG	Report No.: PE3839-1
Checked by: AM	Dwg. No.: PE3839-1
Approved by: MSD	Revision No.: 0

p:\autocad drawings\environmental\pe38xx\pe3839\pe3839-1(rev) site plan.dwg

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN:

1. COMMERCIAL AUTOBODY SHOP
2. METAL FABRICATION SHOP
3. ABOVEGROUND STORAGE TANKS (2) - REGULAR FUEL
4. ABOVEGROUND STORAGE TANK - COLOURED DIESEL
5. BULK SALT AND BRINE STORAGE

POTENTIALLY CONTAMINATING ACTIVITIES:

1. 1000-1027 CUMMINGS AVENUE - FORMER CONSTRUCTION YARD
2. 959 CUMMINGS AVENUE - FORMER AUTOMOTIVE SERVICE GARAGE
3. 1120 CUMMINGS AVENUE - WINDOW AND DOOR MANUFACTURER

patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL
0			

1230496 ONTARIO INC.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
1090 CUMMINGS AVENUE

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale: 1:3500	Date: 07/2016
Drawn by: AG	Report No.: PE3839
Checked by: AM	Dwg. No.: PE3839-2
Approved by: MSD	Revision No.: 0

p:\autocad drawings\environmental\pe38xx\pe3839\pe3839-2 surrounding land use ag.dwg

APPENDIX 1

CHAIN OF TITLE

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS

READ Abstracts Limited

331 Cooper Street, Suite 300, Ottawa, Ontario K2P 0A4
Email: search@readsearch.com
Tel.: 613-236-0664
Fax: 613-236-3677

ENVIRONMENTAL SEARCH

June 27, 2016

Patersongroup
Attn: Adrian Menyhart

BRIEF DESCRIPTION OF LAND:

1090 Cummings Avenue, Ottawa
LT 5 & PT LT 6, PL 217, EXCEPT PT 1, 5R3203
PIN: 04266-0067 (LT)

LAST REGISTERED OWNER: 1230496 ONTARIO INC.

CHAIN OF TITLE:

LOT 5, PLAN 217

Plan registered July 3, 1903
Mary Jane Thomson

Deed GL20353 registered September 22, 1908
From Mary Jane Thomson to Noe Labrie

Deed GL58240 registered July 23, 1957
From Noe Labrie to Estate of Pierre E.J. Cardinal

Deed GL61079 registered April 1, 1959
From Berthe Cardinal to Terrace Investments Limited

Deed GL66972 registered June 30, 1961
From Terrace Investments Limited to Arnold Vandenbelt Jr.

Quit Claim Deed GL67033 registered July 6, 1961
From Estate of Pierre E. J. Cardinal to Terrace Investments Limited

Deed GL77305 registered October 12, 1965
From Arnold Vandenbelt Jr. to Belisle Investments Limited

Deed CT232277 registered July 15, 1976
From G.B. Realty and Investments Limited Formerly Belisle Investments Limite to Arnold Vandenbelt Jr.

Deed NS76563 registered December 24, 1979
From Arnold Vandenbelt Jr. to Israel Shinder, Emanuel Lightstone

Deed LT1066501 registered August 15, 1997
From Israel Shinder, Emanuel Lightstone to 1230496 ONTARIO INC.

Lease OC 815609 registered January 14, 2008
From 1230496 ONTARIO INC. to Best-Mar Plumbing & Heating Supplies Inc.

LOT 6, PLAN 217

Plan registered July 3, 1903
Mary Jane Thomson

Deed GL20264 registered August 5, 1908
From Mary Jane Thomson to James McDonald

Deed GL20829 registered May 25, 1909
From James McDonald to Bernard Slattery

Deed GL22257 registered January 21, 1910
From Bernard Slattery to Daniel J. Brown

Deed GL31195 registered September 9, 1921
From Daniel J. Brown to Adouilda J. Dore

Deed GL35997 registered April 20, 1932
From Adouilda J. Dore to Noe Fournier, Mary Fournier

Deed GL43061 registered January 22, 1947
From Noe Fournier, Mary Fournier to The Director, The Veterans Land Act

Quit Claim Deed GL45173 registered August 20, 1948
From Noe Fournier, Mary Fournier to The Director, The Veterans Land Act

Deed GL60533 registered November 13, 1958
From The Director, The Veterans Land Act to Joseph P.E. Dumas

Deed GL60534 registered November 13, 1958
From Joseph P.E. Dumas to Gordon Kritsch, Mary Kritsch

Deed GL62561 registered October 30, 1959
From Gordon Kritsch, Mary Kritsch to Armins Millers

Deed GL75594 registered November 5, 1964
From Armins Millers to Belisle Investments Limited

Quit Claim Deed GL75952 registered January 12, 1965
From Armins Millers to Belisle Investments Limited

Deed GL77306 registered October 12, 1965
From Belisle Investments Limited to Arnold Vandenbelt Jr.

Deed GL77987 registered March 31, 1966
From Belisle Investments Limited to Belisle Realties Limited

Deed GL78203 registered May 16, 1966
From Gordon Kritsch, Mary Kritsch to Madeleine Dumas

Deed GL79268 registered December 5, 1966
From Madeleine Dumas to Gerald Charron, Jean M Cloutier

Deed GL86655 registered January 31, 1969
From Gerald Charron, Jean M Cloutier to Leon Charlebois

Deed CT110419 registered September 12, 1969
From Leon Charlebois to Belisle Realties Limited

Deed CT113175 registered November 13, 1969
From Gordon Kritsch, Mary Kritsch to Belisle Investments Limited

Deed CT232277 registered July 15, 1976
From G.B. Realty and Investments Limited Formerly Belisle Investments Limited to Arnold Vandenbelt Jr.

Deed NS76563 registered December 24, 1979
From Arnold Vandenbelt Jr. to Israel Shinder, Emanuel Lightstone

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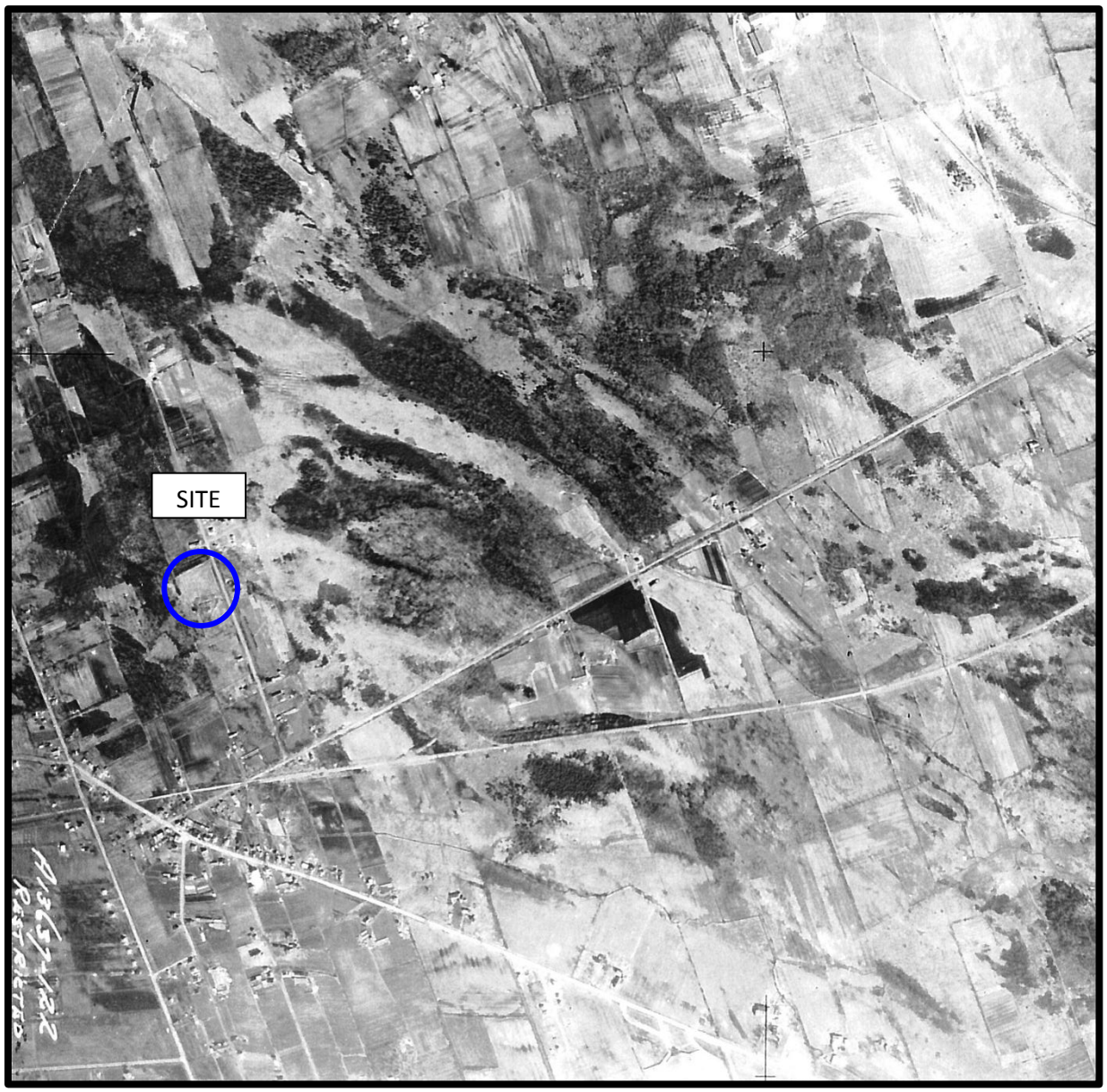
Lease OC 815609 registered January 14, 2008
From 1230496 ONTARIO INC. to Best-Mar Plumbing & Heating Supplies Inc.



AERIAL PHOTOGRAPH
1953

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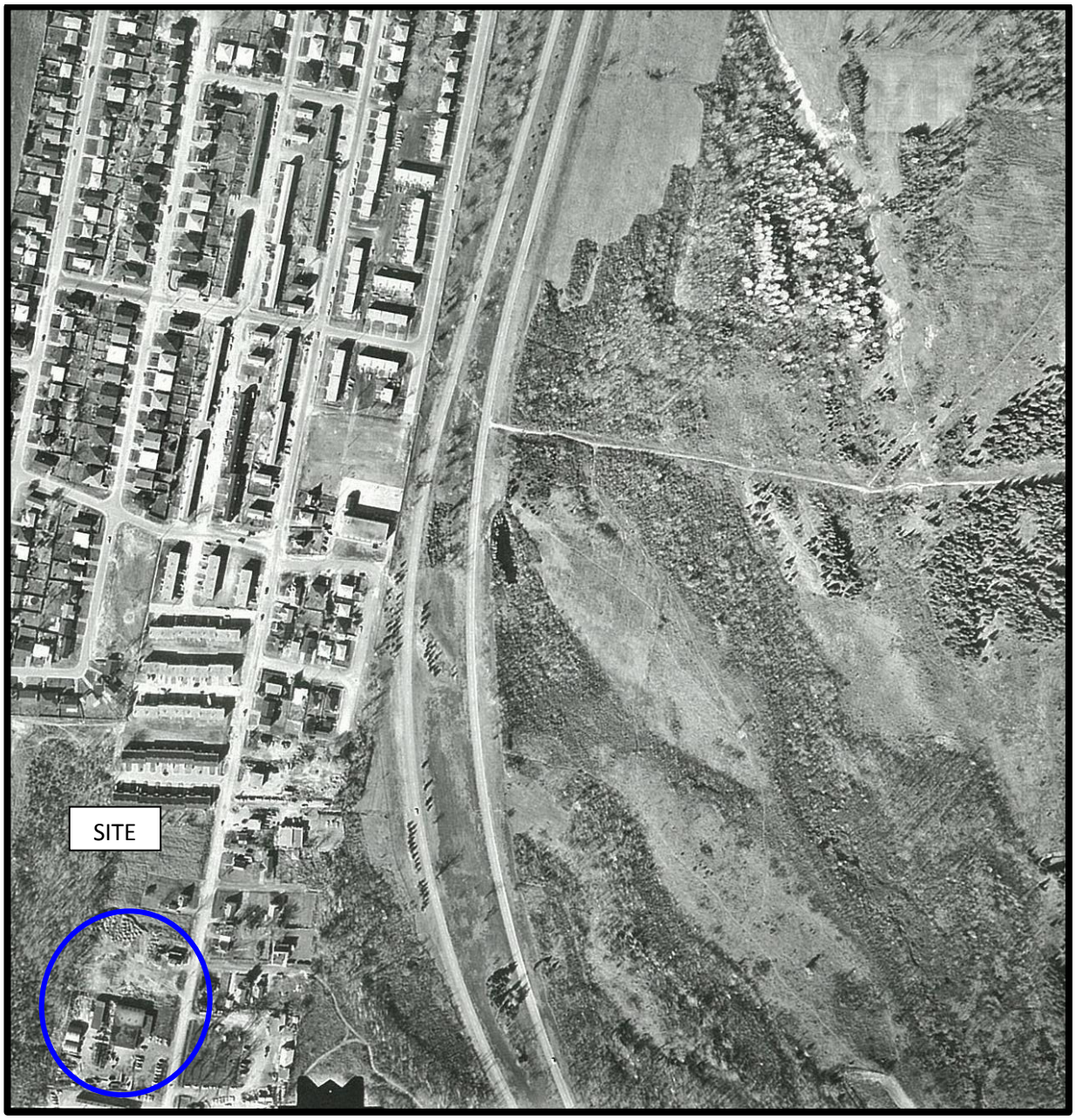
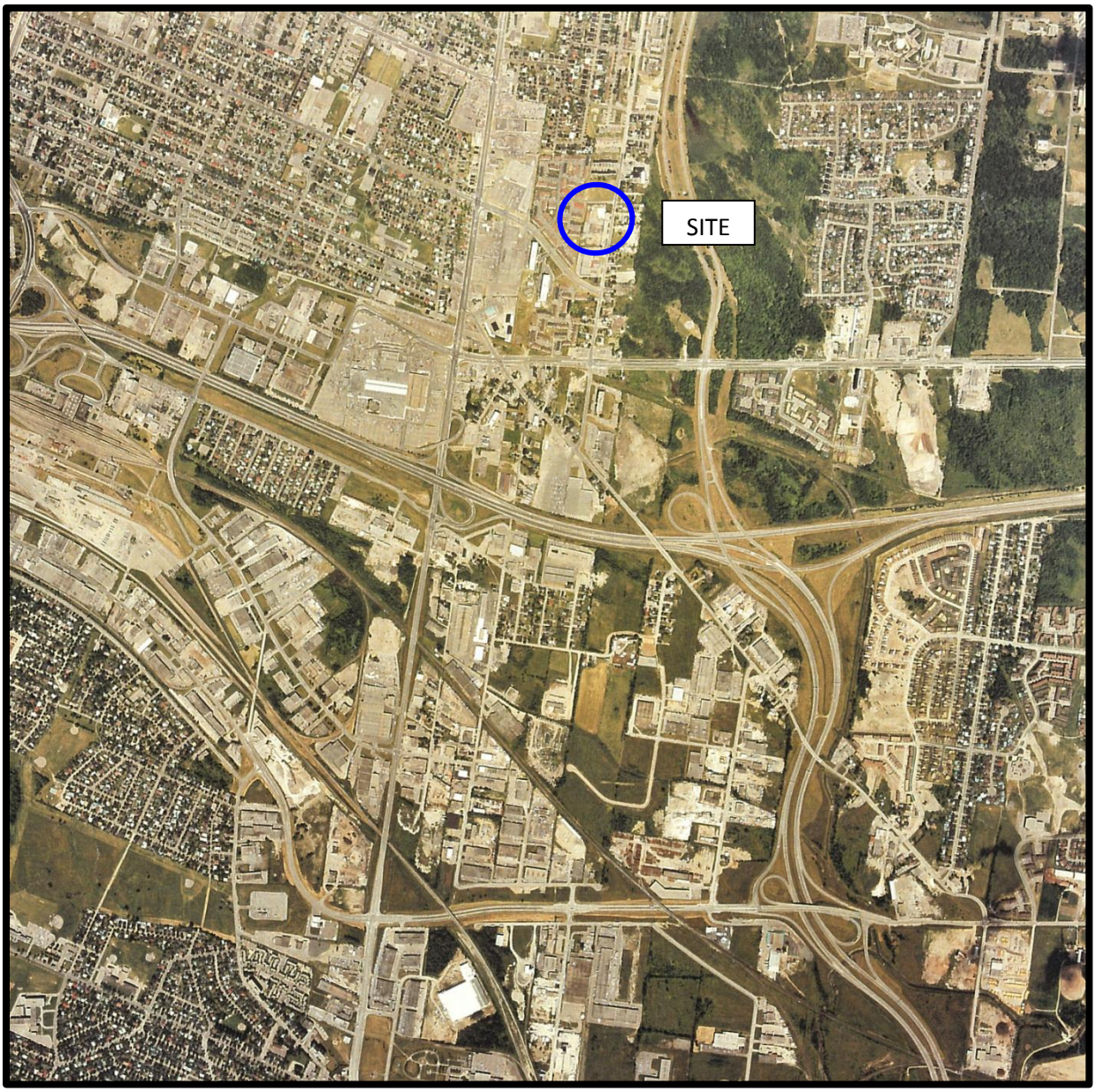
AERIAL PHOTOGRAPH
1958



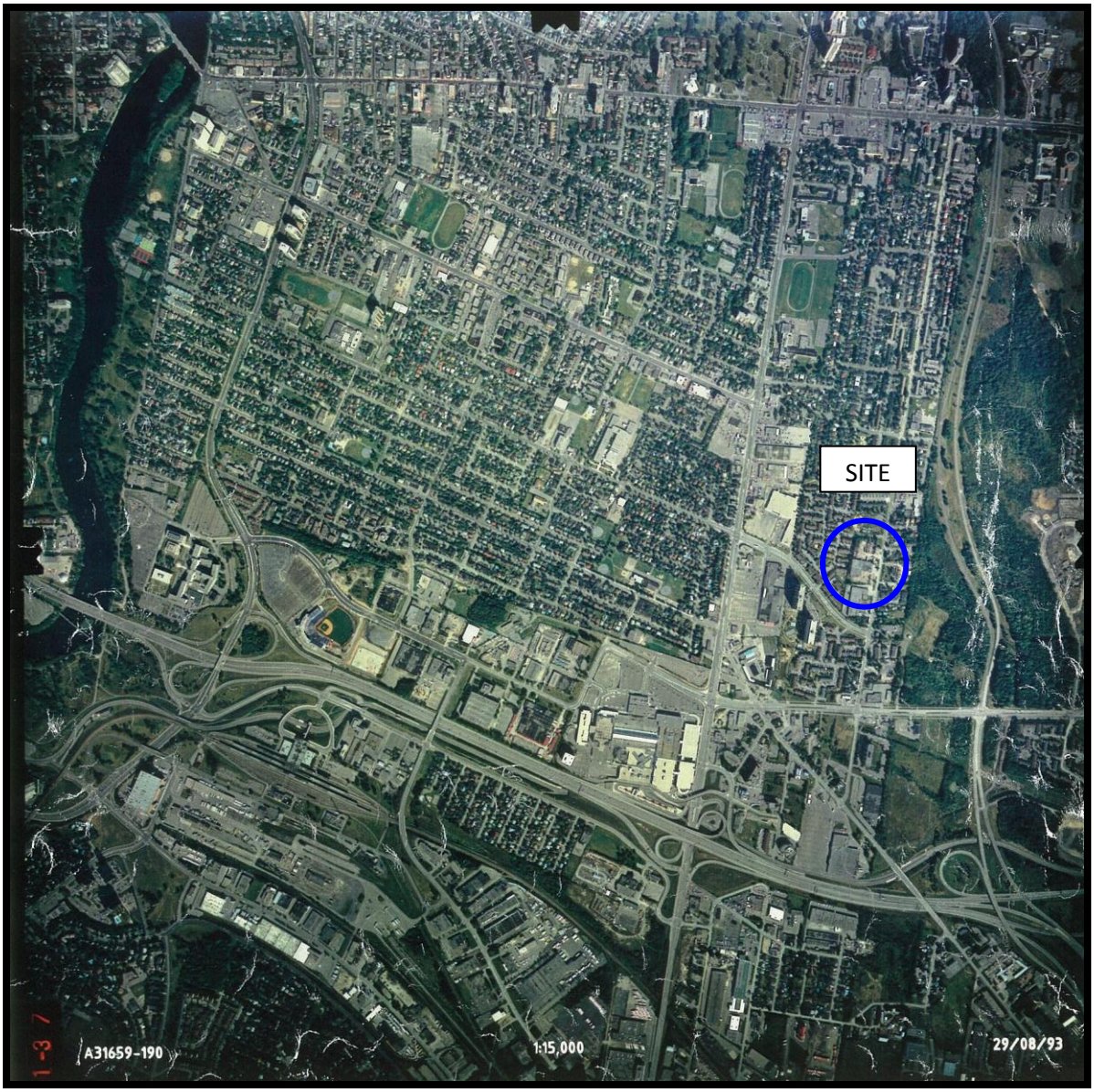
AERIAL PHOTOGRAPH
1968

AERIAL PHOTOGRAPH
1976

patersongroup



AERIAL PHOTOGRAPH
1982

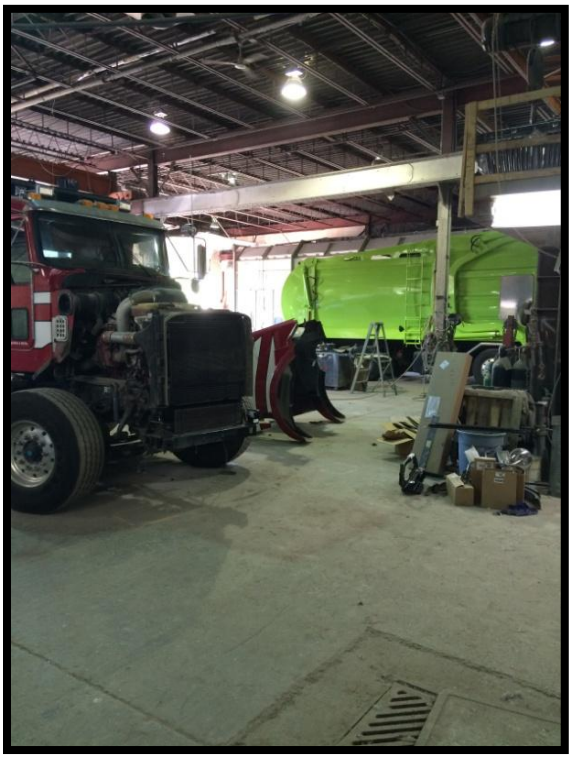


AERIAL PHOTOGRAPH
1997

Site Photographs

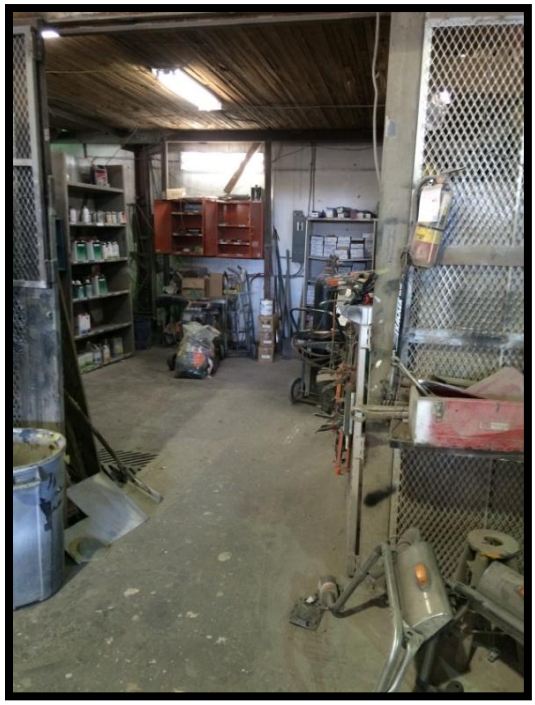
PE3839 | 1090 Cummings Avenue, Ottawa, ON | June 26, 2016

Photograph 1: View of front of building (southeast corner), facing southwest.



Photograph 2: Interior of auto body shop. Note catch basin in foreground of photograph.

Photograph 3: Auto body shop spray paint booth. Containers in this photograph are reported to contain used paints and other chemicals.



Photograph 4: Auto body shop storage locker. Shelf in background of photograph contains various containers of auto body chemicals.

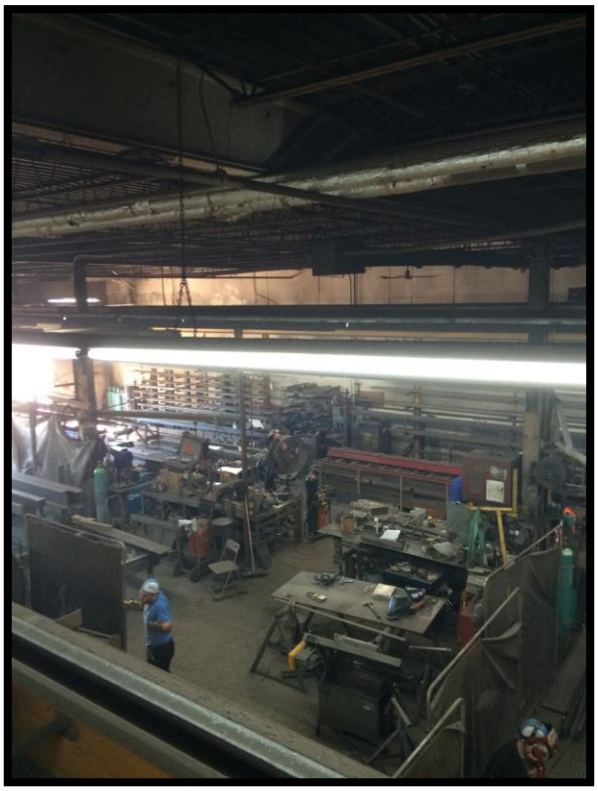
Site Photographs

Photograph 5: Enclosed spray paint booth.

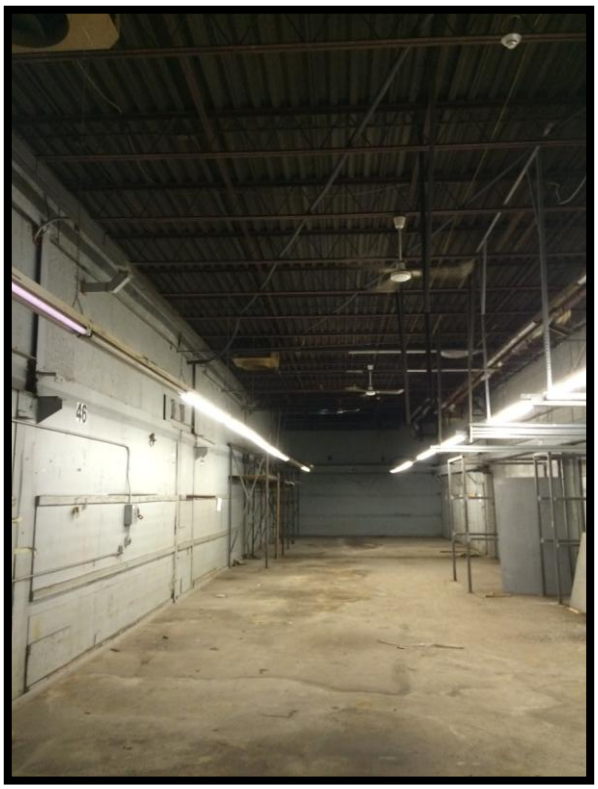
Photograph 6: View of auto body exterior storage area. Old vehicles, including a back hoe, and various auto body parts stored in this area. Some surficial staining noted.

Photograph 7: View of southeastern corner of building, looking northeast. The bay door in this photograph is for the steel fabricator shop. Note two aboveground storage tanks to the right of the bay door.

Photograph 8: Steel storage area in southeast corner of property, looking southeast.



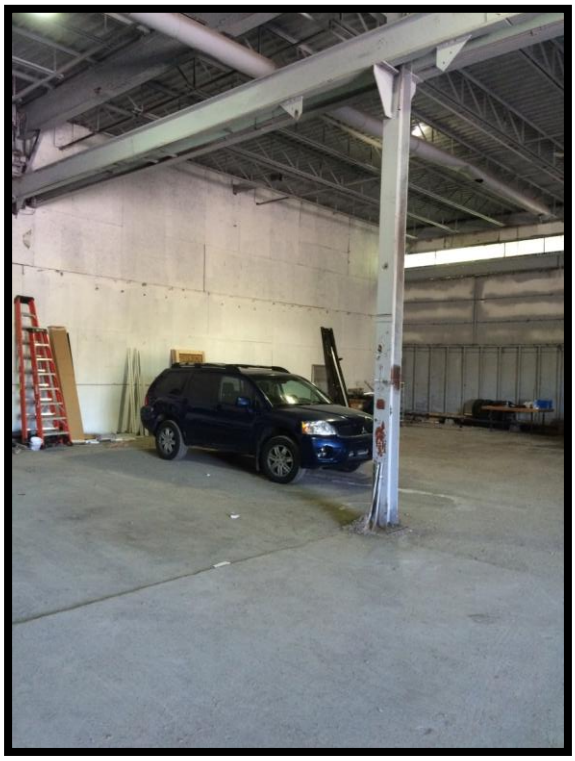
Photograph 9: Interior of steel fabricator bay.



Photograph 10: Interior of warehouse portion of vacant unit, north side of building.

Photograph 11: Covered area of north side of building, looking northwest.

Photograph 12: Aboveground diesel storage tank, located in enclosed portion of building. Note the salt storage area on the right side of the photograph, and one of the steel brine silos on the left side of the photograph.



Photograph 13: Vacant warehouse area along north side of building, used for parking of property owner employees.

Photograph 14: Temporary sand blasting structure, in northeast corner of property, looking northeast.

APPENDIX 2

TSSA CORRESPONDENCE

ERIS DATABASE REPORT

OPTA ENVIROSCAN REPORT

Adrian Menyhart

From: Ruchi Chohan [rchohan@tssa.org] on behalf of Public Information Services [publicinformationservices@tssa.org]
Sent: June-21-16 8:35 AM
To: Adrian Menyhart
Subject: RE: Records Search Request - 1090 Cummings Ave

Good morning Adrian,

Thank you for your inquiry.

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

For a further search in our archives please submit your request in writing to Public Information Services via e-mail (publicinformationservices@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

Due to a significant increase in the volume of Release of Information (ROI) requests, and TSSA's move to 345 Carlingview in June, the processing of your request will be delayed. We apologize for any inconvenience.

Thank you and have a great day!

Ruchi

Ruchi Chohan | Public Information Agent
Facilities and Business Services
3300 Bloor Street West
Centre Tower, 16th Floor
Toronto, Ontario M8X 2X4
Tel: +1-416-734-3417 | Fax: +1-416-231-4903 | E-Mail: rchohan@tssa.org
www.tssa.org

From: Adrian Menyhart [mailto:AMenyhart@patersongroup.ca]
Sent: Monday, June 20, 2016 5:01 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Records Search Request - 1090 Cummings Ave

Good Afternoon

Could you please complete a search of your records for underground/aboveground storage tanks, historical spills or other incidents/infractions for the following addresses for properties located in Ottawa, ON

1270 Belgate Way

1207 Bowmount Street

1031 Cummings Avenue
1043 Cummings Avenue
1068 Cummings Avenue
1090 Cummings Avenue
1120 Cummings Avenue

1244 Donald Street

50 Steele Park Private

Thank you,

Adrian Menyhart, P.Eng.
patersongroup
solution oriented engineering

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel: (613) 226-7381 Ext. 208
Fax: (613) 226-6344
Email: amenyhart@patersongroup.ca

TSSA Move: During the month of June 2016, TSSA is moving to 345 Carlingview Drive. For more, contact TSSA toll-free at 1-877-682-8772. This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

ENVIRONMENTAL RISK INFORMATION SERVICE

DATABASE REPORT

Project Property:	*Phase I-ESA* *1090 Cummings Avenue* *Ottawa ON K1J 7R8*
Project No:	*20038*
Report Type:	*Standard Report*
Order No:	*20160609023*
Requested by:	*Paterson Group Inc.*
Date Completed:	*June 14, 2016*

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

www.erisinfo.com

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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:	*Phase I-ESA* *1090 Cummings Avenue Ottawa ON K1J 7R8*
Project No:	*20038*

Coordinates:

Latitude:	*45.430127*
Longitude:	*-75.634215*
UTM Northing:	*5,030,929.48*
UTM Easting:	*450,389.57*
UTM Zone:	*UTM Zone 18T*

Elevation:	*236 FT* *72.00 M*

Order Information:

Order No:	*20160609023*
Date Requested:	*June 9, 2016*
Requested by:	*Paterson Group Inc.*
Report Type:	*Standard Report*

Additional Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	4	4
CA	Certificates of Approval	Y	1	1	2
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	1	0	1
EBR	Environmental Registry	Y	1	2	3
ECA	Environmental Compliance Approval	Y	0	2	2
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	3	3
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	3	16	19
GHG	Greehouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	1	1
NCPL	Non-Compliance Reports	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	2	2
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	1	0	1
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	2	2
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	1	3	4
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	12	12
		Total:	8	49	57

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	CA	Belko Auto Body (1994) Ltd.	1090 Cummings Avenue Ottawa ON	-/0.0	0.00	18
1	EASR	BELKO AUTO BODY (1994) LTD	1090 CUMMINGS AVE GLOUCESTER ON K1J 7R8	-/0.0	0.00	18
1	EBR	Belko Auto Body (1994) Ltd.	1090 Cummings Avenue Ottawa ON	-/0.0	0.00	18
1	GEN	ZENITH PLATING 43-196	1090 CUMMINGS AVE. GLOUCESTER ON K1J 7R8	-/0.0	0.00	18
1	GEN	ELM 2000 INC.	1090 CUMMINGS AVENUE OTTAWA ON K1J 7R8	-/0.0	0.00	19
1	GEN	ELM 2000 INC.	#4, 1090 Cummings Avenue Gloucester ON K1J 7R8	-/0.0	0.00	19
1	PES	ELM 2000 INC	1090 CUMMINGS AVE, UNIT 4 GLOUCESTER ON K1J 7R8	-/0.0	0.00	19
1	SCT	Encore Steel	1090 Cummings Ave Gloucester ON K1J 7R8	-/0.0	0.00	20

Executive Summary: Site Report Summary - Surrounding *Properties*

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	GEN	DOMICILE CONSTRUCTION CORP	1003-1027 CUMMINGS AVE. OTTAWA ON K1J 7S2	ESE/48.7	0.00	20
3	GEN	DOC INVESTMENTS	1003 CUMMINGS AVENUE GLOUCESTER ON K1J 7S2	NNE/60.4	0.00	20
4	WWIS		lot 25 con 1 ON	NE/73.3	0.00	20
5	GEN	SEWER-MATIC DRAIN SERVICE LTD.	1100 CUMMINGS AVENUE GLOUCESTER ON K1J 7R8	SSE/87.1	0.00	21
6	BORE		ON	NE/94.9	0.00	21
6	WWIS		lot 25 con 1 ON	NE/94.9	0.00	22
7	WWIS		lot 25 con 1 ON	NE/98.7	0.00	23
8	EHS		1043 Cummings Avenue Ottawa ON	SE/103.6	0.00	23
9	BORE		ON	SSE/110.3	0.00	23
9	WWIS		lot 25 con 1 ON	SSE/110.3	0.00	24
10	NATE	MANIS METAL	GLOUCESTER ON	SSE/111.1	0.00	24
10	NEES	MANIS METAL	GLOUCESTER ON	SSE/111.1	0.00	25
10	NEES	MANIS METAL	GLOUCESTER ON	SSE/111.1	0.00	25
11	BORE		ON	ESE/121.5	0.46	26
11	WWIS		lot 25 con 1 ON	ESE/121.5	0.45	26
12	EBR	Ambico Limited	1120 Cummings Avenue Ottawa ON K1J 7R8	S/122.7	-0.79	27
12	ECA	Ambico Limited	1120 Cummings Ave Ottawa ON K1J 7R8	S/122.7	-0.79	27
12	ECA	Ambico Limited	1120 Cummings Avenue Ottawa ON K1J 7R8	S/122.7	-0.79	27
12	GEN	Ambico Limited	1120 Cummings Avenue Ottawa ON	S/122.7	-0.79	28
13	WWIS		lot 25 con 1 ON	SE/127.4	0.34	28
14	WWIS		Ottawa ON	SE/129.3	0.00	29
14	WWIS		OTTAWA ON	SE/129.3	0.00	29

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
15	EHS		1055 Cummings Ave Gloucester (Ottawa) ON K1J 7S2	SE/148.2	0.00	30
16	WWIS		OTTAWA ON	SE/155.5	0.78	30
17	WWIS		OTTAWA ON	ESE/168.6	1.00	30
18	EBR	Ambico Limited	1120 Cummings Ave Ottawa ON	SSE/186.1	0.00	31
18	GEN	MANIS METAL MANUFACTURING LTD.	1120 CUMMINGS AVENUE OTTAWA ON K1J 7R8	SSE/186.1	0.00	31
18	GEN	MANIS METAL MANUFACTURING LTD.	1120 CUMMINGS AVENUE OTTAWA ON K1J 7R8	SSE/186.1	0.00	31
18	GEN	AMBICO LIMITED 25-161	1120 CUMMINGS AVENUE OTTAWA ON K1J 7R8	SSE/186.1	0.00	32
18	GEN	MANIS METAL MANUFACTURING LTD. 25-161	1120 CUMMINGS AVENUE OTTAWA ON K1J 7R8	SSE/186.1	0.00	33
18	GEN	Ambico Limited	1120 Cummings Avenue Ottawa ON	SSE/186.1	0.00	33
18	GEN	Ambico Limited	1120 Cummings Avenue Ottawa ON	SSE/186.1	0.00	34
18	GEN	Ambico Limited	1120 Cummings Avenue Ottawa ON	SSE/186.1	0.00	34
18	GEN	Ambico Limited	1120 Cummings Avenue Ottawa ON	SSE/186.1	0.00	34
18	GEN	Ambico Limited	1120 Cummings Avenue Ottawa ON	SSE/186.1	0.00	35
18	GEN	Ambico Limited	1120 Cummings Avenue Ottawa ON	SSE/186.1	0.00	35
18	SCT	Ambico Limited	1120 Cummings Ave Gloucester ON K1J 7R8	SSE/186.1	0.00	35
18	SCT	AMBICO LIMITED	1120 Cummings Ave Ottawa ON K1J 7R8	SSE/186.1	0.00	36
18	SCT	Ambico Limited	1120 Cummings Ave Gloucester ON K1J 7R8	SSE/186.1	0.00	36
19	BORE		ON	N/213.5	0.00	36
19	WWIS		lot 25 con 1 ON	N/213.5	0.00	37
20	WWIS		OTTAWA ON	NNW/226.6	-1.00	37
21	GEN	KONE INC	1240-1244 DONALD ST OTTAWA ON	SW/230.2	-2.00	38
21	GEN	GREENWIN PROPERTY MANAGEMENT INC	1240-1244 DONALD STREET OTTAWA ON K1J 8V6	SW/230.2	-2.00	38
22	HINC		4443 ELAINE DRIVE OTTAWA ON	WNW/233.3	-2.00	38
23	CA	CYRVILLE AUTO & COLLISION CENTRE INC.	959 CUMMINGS AVENUE GLOUCESTER CITY ON K1J 7R9	NNW/244.0	0.00	3
23	EHS		959 Cummings Avenue Ottawa ON K1J 7R9	NNW/244.0	0.00	39

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
23	RSC	Aviation Road Inc.	959 CUMMINGS AVE, OTTAWA, ON, K1J 7R9, ON	NNW/244.0	0.00	39
23	RSC	Aviation Road Inc.	959 CUMMINGS AVE, OTTAWA, ON, K1J 7R9, ON	NNW/244.0	0.00	40

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 4 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	NE	94.92	6
	ON	SSE	110.28	9
	ON	ESE	121.48	11
	ON	N	213.51	19

Lower Elevation	Address	Direction	Distance (m)	Map Key

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Belko Auto Body (1994) Ltd.	1090 Cummings Avenue Ottawa ON	-	0.00	1
CYRVILLE AUTO & COLLISION CENTRE INC.	959 CUMMINGS AVENUE GLOUCESTER CITY ON K1J 7R9	NNW	244.03	23

Lower Elevation	Address	Direction	Distance (m)	Map Key

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 31 2011-Oct 2015 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
BELKO AUTO BODY (1994) LTD	1090 CUMMINGS AVE GLOUCESTER ON K1J 7R8	-	0.00	1

Lower Elevation	Address	Direction	Distance (m)	Map Key

EBR - Environmental Registry

A search of the EBR database, dated 1994-Jan 2016 has found that there are 3 EBR site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Belko Auto Body (1994) Ltd.	1090 Cummings Avenue Ottawa ON	-	0.00	1
Ambico Limited	1120 Cummings Ave Ottawa ON	SSE	186.14	18

Lower Elevation	Address	Direction	Distance (m)	Map Key
Ambico Limited	1120 Cummings Avenue Ottawa ON K1J 7R8	S	122.69	12

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 31, 2011-Jun 2015 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key

Lower Elevation	Address	Direction	Distance (m)	Map Key
Ambico Limited	1120 Cummings Ave Ottawa ON K1J 7R8	S	122.69	12
Ambico Limited	1120 Cummings Avenue Ottawa ON K1J 7R8	S	122.69	12

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2014 has found that there are 3 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	1043 Cummings Avenue Ottawa ON	SE	103.58	8
	1055 Cummings Ave Gloucester (Ottawa) ON K1J 7S2	SE	148.18	15
	959 Cummings Avenue Ottawa ON K1J 7R9	NNW	244.03	23

Lower Elevation	Address	Direction	Distance (m)	Map Key

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-May 2015 has found that there are 19 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
ELM 2000 INC.	#4, 1090 Cummings Avenue Gloucester ON K1J 7R8	-	0.00	1
ELM 2000 INC.	1090 CUMMINGS AVENUE OTTAWA ON K1J 7R8	-	0.00	1
ZENITH PLATING 43-196	1090 CUMMINGS AVE. GLOUCESTER ON K1J 7R8	-	0.00	1
DOMICILE CONSTRUCTION CORP	1003-1027 CUMMINGS AVE. OTTAWA ON K1J 7S2	ESE	48.70	2
DOC INVESTMENTS	1003 CUMMINGS AVENUE GLOUCESTER ON K1J 7S2	NNE	60.44	3
SEWER-MATIC DRAIN SERVICE LTD.	1100 CUMMINGS AVENUE GLOUCESTER ON K1J 7R8	SSE	87.15	5
MANIS METAL MANUFACTURING LTD. 25-161	1120 CUMMINGS AVENUE OTTAWA ON K1J 7R8	SSE	186.14	18
Ambico Limited	1120 Cummings Avenue Ottawa ON	SSE	186.14	18
AMBICO LIMITED 25-161	1120 CUMMINGS AVENUE OTTAWA ON K1J 7R8	SSE	186.14	18
MANIS METAL MANUFACTURING LTD.	1120 CUMMINGS AVENUE OTTAWA ON K1J 7R8	SSE	186.14	18
MANIS METAL MANUFACTURING LTD.	1120 CUMMINGS AVENUE OTTAWA ON K1J 7R8	SSE	186.14	18
Ambico Limited	1120 Cummings Avenue Ottawa ON	SSE	186.14	18
Ambico Limited	1120 Cummings Avenue Ottawa ON	SSE	186.14	18
Ambico Limited	1120 Cummings Avenue Ottawa ON	SSE	186.14	18
Ambico Limited	1120 Cummings Avenue Ottawa ON	SSE	186.14	18
Ambico Limited	1120 Cummings Avenue Ottawa ON	SSE	186.14	18

Lower Elevation	Address	Direction	Distance (m)	Map Key
Ambico Limited	1120 Cummings Avenue Ottawa ON	S	122.69	12
KONE INC	1240-1244 DONALD ST OTTAWA ON	SW	230.21	21
GREENWIN PROPERTY MANAGEMENT INC	1240-1244 DONALD STREET OTTAWA ON K1J 8V6	SW	230.21	21

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key

Lower Elevation	Address	Direction	Distance (m)	Map Key
	4443 ELAINE DRIVE OTTAWA ON	WNW	233.32	22

NATE - National Analysis of Trends in Emergencies System (NATES)

A search of the NATE database, dated 1974-1994* has found that there are 1 NATE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
MANIS METAL	GLOUCESTER ON	SSE	111.11	10

Lower Elevation	Address	Direction	Distance (m)	Map Key

NEES - National Environmental Emergencies System (NEES)

A search of the NEES database, dated 1974-2003* has found that there are 2 NEES site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
MANIS METAL	GLOUCESTER ON	SSE	111.11	10
MANIS METAL	GLOUCESTER ON	SSE	111.11	10

Lower Elevation	Address	Direction	Distance (m)	Map Key

PES - Pesticide Register

A search of the PES database, dated 1988-Jun 2013 has found that there are 1 PES site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
ELM 2000 INC	1090 CUMMINGS AVE, UNIT 4 GLOUCESTER ON K1J 7R8	-	0.00	1

Lower Elevation	Address	Direction	Distance (m)	Map Key

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Jan 2016 has found that there are 2 RSC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Aviation Road Inc.	959 CUMMINGS AVE, OTTAWA, ON, K1J 7R9, ON	NNW	244.03	23
Aviation Road Inc.	959 CUMMINGS AVE, OTTAWA, ON, K1J 7R9, ON	NNW	244.03	23

Lower Elevation	Address	Direction	Distance (m)	Map Key

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 4 SCT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Encore Steel	1090 Cummings Ave Gloucester ON K1J 7R8	-	0.00	1
AMBICO LIMITED	1120 Cummings Ave Ottawa ON K1J 7R8	SSE	186.14	18
Ambico Limited	1120 Cummings Ave Gloucester ON K1J 7R8	SSE	186.14	18
Ambico Limited	1120 Cummings Ave Gloucester ON K1J 7R8	SSE	186.14	18

Lower Elevation	Address	Direction	Distance (m)	Map Key

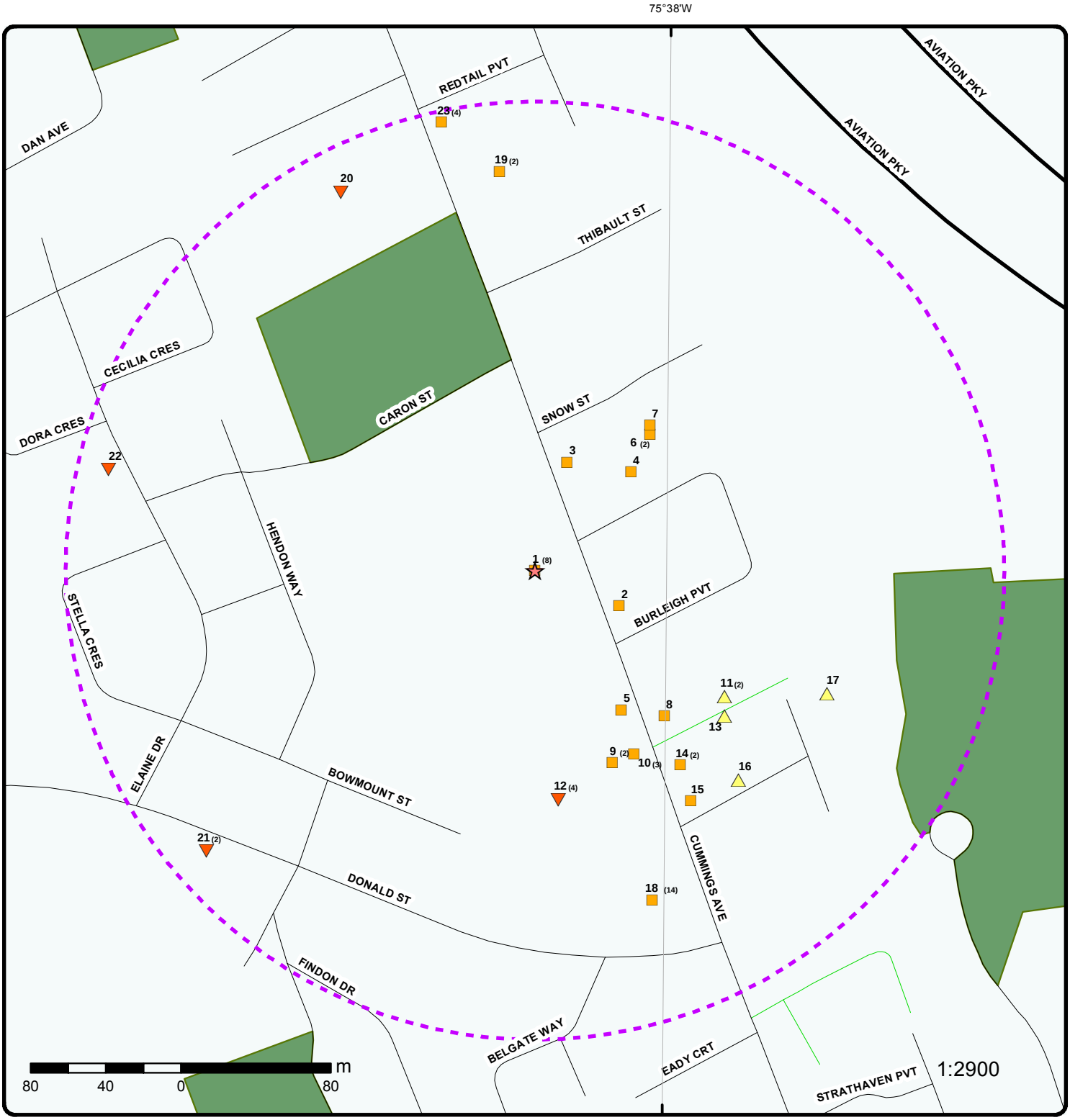
WWIS - Water Well Information System

A search of the WWIS database, dated 1955-Mar 2014 has found that there are 12 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 25 con 1 ON	NE	73.25	4
	lot 25 con 1 ON	NE	94.92	6
	lot 25 con 1 ON	NE	98.73	7
	lot 25 con 1 ON	SSE	110.28	9

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 25 con 1 ON	ESE	121.48	11
	lot 25 con 1 ON	SE	127.36	13
	OTTAWA ON	SE	129.25	14
	Ottawa ON	SE	129.25	14
	OTTAWA ON	SE	155.54	16
	OTTAWA ON	ESE	168.62	17
	lot 25 con 1 ON	N	213.51	19

Lower Elevation	Address	Direction	Distance (m)	Map Key
	OTTAWA ON	NNW	226.61	20



Map

Order No: 20160609023

Address: 1090 Cummings Avenue, Ottawa, ON, K1J 7R8

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
- Industrial and Resource - Regions
- Main Line
- Sidetrack
- Transit Line
- Abandoned Line
- Pipelines and Transmission
- National Park
- Provincial or Territorial Park
- Other Park
- Golf Course or Driving Range
- Park or Sports Field
- Other Recreation Area

Source: © 2014 DMTI Spatial Inc.

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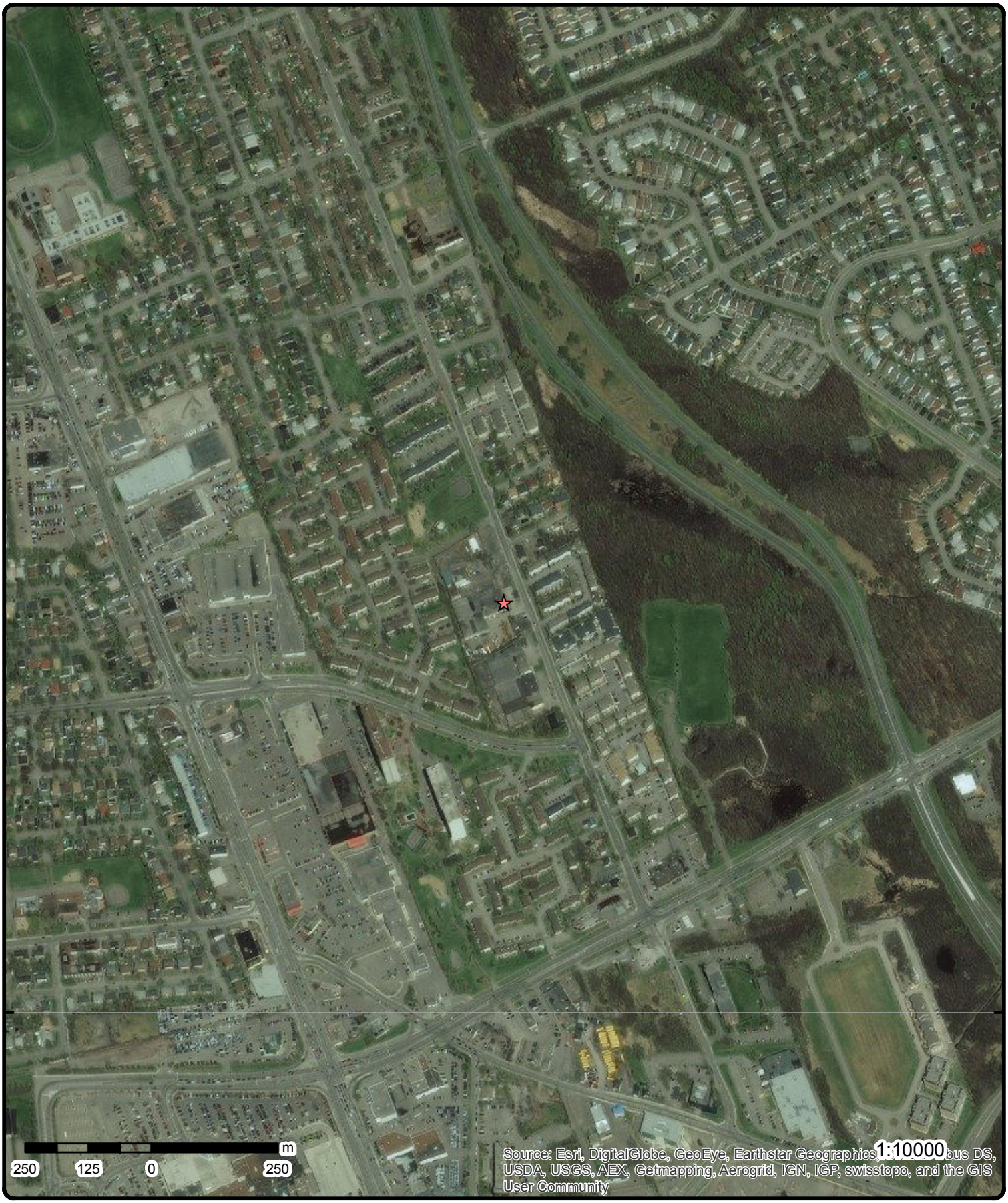

Aerial

Order No: 20160609023

Address: 1090 Cummings Avenue, Ottawa, ON, K1J 7R8

Source: ESRI World Imagery, Updated October 2014

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 8	-/0.0	72.0	Belko Auto Body (1994) Ltd. 1090 Cummings Avenue Ottawa ON	CA

Certificate #:	3189-5S7JUB
Application Year:	2003
Issue Date:	10/16/2003
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

1	2 of 8	-/0.0	72.0	BELKO AUTO BODY (1994) LTD 1090 CUMMINGS AVE GLOUCESTER ON K1J 7R8	EASR

CofA Number:	R-001-5359464203
Date:	09-JUL-13
Status:	Registered
Project Type:	Automotive Refinishing

1	3 of 8	-/0.0	72.0	Belko Auto Body (1994) Ltd. 1090 Cummings Avenue Ottawa ON	EBR

Year:	2003
EBR Registry No.:	IA03E0580
Ministry Ref. No.:	4492-5LEHYN
Type:	Instrument Decision
Instrument Type:	Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9
Proposal Date:	4/29/03
Location:	1090 Cummings Avenue Ottawa Ontario
Proponent Address:	PO Box 9568 Stn T CSC Ottawa Ontario K1G 3V2

1	4 of 8	-/0.0	72.0	ZENITH PLATING 1090 CUMMINGS AVE. GLOUCESTER ON K1J 7R8	43-196	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Generator #: ON1277200
Approval Yrs: 92,93,94,95,96,97,98
SIC Code: 3751
SIC Description: PAINT & VARNISH IND.

--- Details ---
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	5 of 8	-/0.0	72.0	ELM 2000 INC. 1090 CUMMINGS AVENUE OTTAWA ON K1J 7R8	GEN

Generator #: ON2361001
Approval Yrs: 00,01
SIC Code: 4214
SIC Description: EXCAVAT. & GRADING

--- Details ---
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS
+
Waste Code: 213
Waste Description: PETROLEUM DISTILLATES
+
Waste Code: 221
Waste Description: LIGHT FUELS
+
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES
+
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	6 of 8	-/0.0	72.0	ELM 2000 INC. #4, 1090 Cummings Avenue Gloucester ON K1J 7R8	GEN

Generator #: ON2361001
Approval Yrs: 02,03,04
SIC Code:
SIC Description:

--- Details ---
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	7 of 8	-/0.0	72.0	ELM 2000 INC 1090 CUMMINGS AVE, UNIT 4 GLOUCESTER ON K1J 7R8	PES

Licence No.: 02-01-04796-0
Licence Type: Operator

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	8 of 8	-/0.0	72.0	Encore Steel 1090 Cummings Ave Gloucester ON K1J 7R8	SCT

Established: 01-AUG-02
Plant Size (ft²):
Employment:

--- Details ---
Description: Iron and Steel Mills and Ferro-Alloy Manufacturing
SIC/NAICS Code: 331110
+
Description: Iron and Steel Mills and Ferro-Alloy Manufacturing
SIC/NAICS Code: 331110

2	1 of 1	ESE/48.7	72.0	DOMICILE CONSTRUCTION CORP 1003-1027 CUMMINGS AVE. OTTAWA ON K1J 7S2	GEN

Generator #: ON4774981
Approval Yrs: 02,03,04
SIC Code:
SIC Description:

--- Details ---
Waste Code: 221
Waste Description: LIGHT FUELS

3	1 of 1	NNE/60.4	72.0	DOC INVESTMENTS 1003 CUMMINGS AVENUE GLOUCESTER ON K1J 7S2	GEN

Generator #: ON2360900
Approval Yrs: 98,99,00,01,02,03,04
SIC Code: 4217
SIC Description: FENCING INSTALLATION

--- Details ---
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

4	1 of 1	NE/73.3	72.0	lot 25 con 1 ON	WWIS

Well ID:	1501120	**Lot:**	025
Concession:	01	**Concession Name:**	OF
County:	OTTAWA-CARLETON	**Municipality:**	GLOUCESTER TOWNSHIP
Easting Nad83:	450440.7	**Northing Nad83:**	5030982
Zone:	18	**Utm Reliability:**	unknown UTM
Primary Water Use:	Commerical	**Construction Date:**	26-OCT-53
Sec. Water Use:		**Well Depth:**	405 ft
Pump Rate:	0 GPM	**Static Water Level:**	30 ft
Flow Rate:		**Clear/Cloudy:**	CLEAR
Specific Capacity:		**Final Well Status:**	Water Supply
Construction Method:	Cable Tool	**Flowing (y/n):**	N

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Elevation (m):	73.24	***Elevation Reliability:***	
Depth to Bedrock:	13	***Overburden/Bedrock:***	Bedrock
Water Type:	SULPHUR	***Casing Material:***	FRESH, MINERIAL

--- Details ---

Thickness:	13 ft	***Original Depth:***	13 ft
Material Colour:		***Material:***	MEDIUM SAND
+			
Thickness:	22 ft	***Original Depth:***	35 ft
Material Colour:	BROWN	***Material:***	SHALE
+			
Thickness:	40 ft	***Original Depth:***	75 ft
Material Colour:	BROWN	***Material:***	LIMESTONE
+			
Thickness:	330 ft	***Original Depth:***	405 ft
Material Colour:	WHITE	***Material:***	LIMESTONE

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
5	1 of 1	SSE/87.1	72.0	***SEWER-MATIC DRAIN SERVICE LTD.*** ***1100 CUMMINGS AVENUE*** ***GLOUCESTER ON K1J 7R8***	GEN

Generator #:	ON1732700
Approval Yrs:	93,94,95,96,97,98,99,00,01
SIC Code:	4215
SIC Description:	EQUIP. RENTAL W. OP.

--- Details ---

Waste Code:	212
Waste Description:	ALIPHATIC SOLVENTS
+	
Waste Code:	221
Waste Description:	LIGHT FUELS
+	
Waste Code:	252
Waste Description:	WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
6	1 of 2	NE/94.9	72.0	***ON***	BORE

Borehole ID:	615093	***Type:***	Borehole
Use:		***Status:***	
Drill Method:		***UTM Zone:***	18
Easting:	450451	***Northing:***	5031002
Location Accuracy:		***Orig. Ground Elev m:***	73.2
Elev. Reliability Note:		***DEM Ground Elev m:***	73.5
Total Depth m:	30.2	***Primary Name:***	
Township:		***Concession:***	
Lot:		***Municipality:***	
Completion Date:	FEB-1954	***Static Water Level:***	-999.9
Primary Water Use:		***Sec. Water Use:***	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

--- Details ---

Stratum ID:	218400390	**Top Depth(m):**	0.0
Bottom Depth(m):	0.9	**Stratum Desc:**	CLAY.
+			
Stratum ID:	218400391	**Top Depth(m):**	0.9
Bottom Depth(m):	3.7	**Stratum Desc:**	CLAY. BLUE.
+			
Stratum ID:	218400392	**Top Depth(m):**	3.7
Bottom Depth(m):	5.5	**Stratum Desc:**	CLAY.
+			
Stratum ID:	218400393	**Top Depth(m):**	5.5
Bottom Depth(m):	8.8	**Stratum Desc:**	SHALE. BLACK.
+			
Stratum ID:	218400394	**Top Depth(m):**	8.8
Bottom Depth(m):	30.2	**Stratum Desc:**	SHALE. GREY. 00099GREY,FIRM. 00010 040 00100 067 004000300540190100 020 00065

6	2 of 2	NE/94.9	72.0	lot 25 con 1 ON	WWIS

Well ID:	1501121	**Lot:**	025
Concession:	01	**Concession Name:**	OF
County:	OTTAWA-CARLETON	**Municipality:**	GLOUCESTER TOWNSHIP
Easting Nad83:	450450.7	**Northing Nad83:**	5031002
Zone:	18	**Utm Reliability:**	unknown UTM
Primary Water Use:	Domestic	**Construction Date:**	11-FEB-54
Sec. Water Use:		**Well Depth:**	99 ft
Pump Rate:	8 GPM	**Static Water Level:**	9 ft
Flow Rate:		**Clear/Cloudy:**	CLOUDY
Specific Capacity:		**Final Well Status:**	Water Supply
Construction Method:	Cable Tool	**Flowing (y/n):**	N
Elevation (m):	73.48	**Elevation Reliability:**	
Depth to Bedrock:	18	**Overburden/Bedrock:**	Bedrock
Water Type:	FRESH	**Casing Material:**	FRESH, MINERIAL

--- Details ---

Thickness:	3 ft	**Original Depth:**	3 ft
Material Colour:		**Material:**	CLAY, TOPSOIL
+			
Thickness:	9 ft	**Original Depth:**	12 ft
Material Colour:	BLUE	**Material:**	CLAY
+			
Thickness:	6 ft	**Original Depth:**	18 ft
Material Colour:		**Material:**	CLAY, MEDIUM SAND, STONES
+			
Thickness:	11 ft	**Original Depth:**	29 ft
Material Colour:	BLACK	**Material:**	SHALE

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

+			
Thickness:	70 ft	**Original Depth:**	99 ft
Material Colour:	GREY	**Material:**	SHALE

7	1 of 1	NE/98.7	72.0	lot 25 con 1 ON	WWIS

Well ID:	1501125	**Lot:**	025
Concession:	01	**Concession Name:**	OF
County:	OTTAWA-CARLETON	**Municipality:**	GLOUCESTER TOWNSHIP
Easting Nad83:	450450.7	**Northing Nad83:**	5031007
Zone:	18	**Utm Reliability:**	margin of error : 100 m - 300 m
Primary Water Use:	Domestic	**Construction Date:**	06-DEC-56
Sec. Water Use:		**Well Depth:**	99 ft
Pump Rate:	2 GPM	**Static Water Level:**	10 ft
Flow Rate:		**Clear/Cloudy:**	CLEAR
Specific Capacity:		**Final Well Status:**	Water Supply
Construction Method:	Cable Tool	**Flowing (y/n):**	N
Elevation (m):	73.51	**Elevation Reliability:**	
Depth to Bedrock:	12	**Overburden/Bedrock:**	Bedrock
Water Type:	SULPHUR	**Casing Material:**	FRESH, MINERIAL

--- Details ---

Thickness:	12 ft	**Original Depth:**	12 ft
Material Colour:		**Material:**	GRAVEL, MEDIUM SAND
+			
Thickness:	87 ft	**Original Depth:**	99 ft
Material Colour:	GREY	**Material:**	SHALE

8	1 of 1	SE/103.6	72.0	1043 Cummings Avenue Ottawa ON	EHS

Addit. Info Ordered:	Fire Insur. Maps and/or Site Plans
Order No.:	20100922002
Report Date:	9/30/2010
Report Type:	Standard Report
Search Radius (km):	0.25

9	1 of 2	SSE/110.3	72.0	ON	BORE

Borehole ID:	615084	**Type:**	Borehole
Use:		**Status:**	
Drill Method:		**UTM Zone:**	18
Easting:	450431	**Northing:**	5030827
Location Accuracy:		**Orig. Ground Elev m:**	70.1
Elev. Reliability Note:		**DEM Ground Elev m:**	72.1
Total Depth m:	70.1	**Primary Name:**	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	DEC-1961	**Static Water Level:**	-999.9
Primary Water Use:		**Sec. Water Use:**	

--- Details ---

Stratum ID:	218400363	**Top Depth(m):**	6.1
Bottom Depth(m):	70.1	**Stratum Desc:**	LIMESTONE. E. GRAVEL. SHALE. BLACK. 00117WEATHERED. 000100140008910030RED. 000
+			
Stratum ID:	218400362	**Top Depth(m):**	0.0
Bottom Depth(m):	6.1	**Stratum Desc:**	SHALE.

9	2 of 2	SSE/110.3	72.0	lot 25 con 1 ON	WWIS

Well ID:	1508168	**Lot:**	025
Concession:	01	**Concession Name:**	OF
County:	OTTAWA-CARLETON	**Municipality:**	GLOUCESTER TOWNSHIP
Easting Nad83:	450430.7	**Northing Nad83:**	5030827
Zone:	18	**Utm Reliability:**	margin of error : 100 m - 300 m
Primary Water Use:		**Construction Date:**	18-DEC-61
Sec. Water Use:		**Well Depth:**	230 ft
Pump Rate:		**Static Water Level:**	
Flow Rate:		**Clear/Cloudy:**	
Specific Capacity:		**Final Well Status:**	Abandoned-Supply
Construction Method:	Diamond	**Flowing (y/n):**	
Elevation (m):	72.07	**Elevation Reliability:**	
Depth to Bedrock:	0	**Overburden/Bedrock:**	Bedrock
Water Type:		**Casing Material:**	FRESH, MINERIAL

--- Details ---

Thickness:	20 ft	**Original Depth:**	20 ft
Material Colour:		**Material:**	SHALE
+			
Thickness:	210 ft	**Original Depth:**	230 ft
Material Colour:		**Material:**	LIMESTONE

10	1 of 3	SSE/111.1	72.0	MANIS METAL GLOUCESTER ON	NATE

File No.:	4462-2
Reported By:	Other
Material Reaction:	N
Spill Date:	860430
Lead Agency:	Municipal
Basin:	
Air:	N
DOE on Scene:	N
Land:	Y

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Fresh Water:	N
Ground Water:	N
Salt Water:	N
Other Environment:	N
Waterbody:	
Cause:	Other
Reason:	Intent
Source:	Other Industrial Plant
Sector:	Retail
Ship No.:	
Ship Name:	
Clean Up By:	none
Disposal Method:	none
Recovery %:	0.00
Act Invoked:	Unknown
Enforcement Resp:	
Fish Kill:	N
Oiled Birds:	N
Other Kill:	N
Vegetation Damage:	N
Property Damage:	N
Drinking Water:	N
Income Loss:	N
Other Consequences:	N
No. of Injuries:	0
No. of Evacuations:	0
Fine:	10000.00
No. of Dead:	0
Cleanup Cost:	
Material:	paint thinner
Amount (ton):	0.10
Volume (L):	100.00
Concentration:	
Phase:	
Additional Info:	

10	***2 of 3***	***SSE/111.1***	***72.0***	***MANIS METAL***	***NEES***
				GLOUCESTER ON	

Incident Date:	4/30/86
Contaminant:	paint thinner
Amount:	0.1
Units:	Tonnes (Metric)
Quantity:	
Cause:	Other
Source:	Other Industrial Plant
Reason:	Intent
Sector:	Retail

10	***3 of 3***	***SSE/111.1***	***72.0***	***MANIS METAL***	***NEES***
				GLOUCESTER ON	

Incident Date:	4/30/86

Contaminant:	diesel
Amount:	3
Units:	Litres
Quantity:	
Cause:	Other
Source:	Other Industrial Plant
Reason:	Intent
Sector:	Retail

---

11 | **1 of 2** | **ESE/121.5** | **72.5** | **ON** | **BORE**

Borehole ID:	615085	**Type:**	Borehole
Use:		**Status:**	
Drill Method:		**UTM Zone:**	18
Easting:	450491	**Northing:**	5030862
Location Accuracy:		**Orig. Ground Elev m:**	71.6
Elev. Reliability Note:		**DEM Ground Elev m:**	72.9
Total Depth m:	18.9	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	FEB-1951	**Static Water Level:**	-999.9
Primary Water Use:		**Sec. Water Use:**	

--- Details ---

Stratum ID:	218400364	**Top Depth(m):**	0.0
Bottom Depth(m):	1.5	**Stratum Desc:**	SOIL. BLACK.
+			
Stratum ID:	218400365	**Top Depth(m):**	1.5
Bottom Depth(m):	6.1	**Stratum Desc:**	CLAY. BLUE.
+			
Stratum ID:	218400366	**Top Depth(m):**	6.1
Bottom Depth(m):	7.6	**Stratum Desc:**	SAND. BLACK.
+			
Stratum ID:	218400367	**Top Depth(m):**	7.6
Bottom Depth(m):	18.9	**Stratum Desc:**	SHALE. BLACK. 00062HERED. 000100140008910030RED. 00005004000300540190100 020 0006

---

11 | **2 of 2** | **ESE/121.5** | **72.4** | **lot 25 con 1 ON** | **WWIS**

Well ID:	1501117	**Lot:**	025
Concession:	01	**Concession Name:**	OF
County:	OTTAWA-CARLETON	**Municipality:**	GLOUCESTER TOWNSHIP
Easting Nad83:	450490.7	**Northing Nad83:**	5030862
Zone:	18	**Utm Reliability:**	unknown UTM
Primary Water Use:	Domestic	**Construction Date:**	01-FEB-51
Sec. Water Use:		**Well Depth:**	62 ft
Pump Rate:	0 GPM	**Static Water Level:**	11 ft
Flow Rate:		**Clear/Cloudy:**	CLEAR

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Specific Capacity:		***Final Well Status:***	Water Supply
Construction Method:	Cable Tool	***Flowing (y/n):***	N
Elevation (m):	72.92	***Elevation Reliability:***	
Depth to Bedrock:	25	***Overburden/Bedrock:***	Bedrock
Water Type:	SULPHUR	***Casing Material:***	FRESH, MINERIAL

--- Details ---

Thickness:	5 ft	***Original Depth:***	5 ft
Material Colour:	BLACK	***Material:***	TOPSOIL
+			
Thickness:	15 ft	***Original Depth:***	20 ft
Material Colour:	BLUE	***Material:***	CLAY
+			
Thickness:	5 ft	***Original Depth:***	25 ft
Material Colour:	BLACK	***Material:***	FINE SAND
+			
Thickness:	37 ft	***Original Depth:***	62 ft
Material Colour:	BLACK	***Material:***	SHALE

12	***1 of 4***	***S/122.7***	***71.2***	***Ambico Limited*** ***1120 Cummings Avenue*** ***Ottawa ON K1J 7R8***	***EBR***

Year:	2014
EBR Registry No.:	012-2917
Ministry Ref. No.:	5484-9P3QL3
Type:	Instrument Proposal
Instrument Type:	(EPA Part II.1) - Environmental Compliance Approval (project type: air)
Proposal Date:	October 28, 2014
Location:	1120 Cummings Avenue Ottawa K1J 7R8 CITY OF OTTAWA
Proponent Address:	1120 Cummings avenue, Ottawa Ontario, Canada K1J 7R8

12	***2 of 4***	***S/122.7***	***71.2***	***Ambico Limited*** ***1120 Cummings Ave*** ***Ottawa ON K1J 7R8***	***ECA***

CofA Number:	3400-94XLJ4
Date:	8/22/14
Status:	Approved
Project Type:	Air/Noise

12	***3 of 4***	***S/122.7***	***71.2***	***Ambico Limited*** ***1120 Cummings Avenue*** ***Ottawa ON K1J 7R8***	***ECA***

CofA Number:	5887-9SHN85
Date:	1/8/15
Status:	Approved
Project Type:	Air/Noise

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
12	4 of 4	S/122.7	71.2	**Ambico Limited** **1120 Cummings Avenue** **Ottawa ON**	GEN

Generator #: ON5821952
Approval Yrs: 2013
SIC Code: 321911
SIC Description: WOOD WINDOW AND DOOR MANUFACTURING

--- Details ---
Waste Code: 211
Waste Description: AROMATIC SOLVENTS
+
Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS
+
Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS
+
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS
+
Waste Code: 232
Waste Description: POLYMERIC RESINS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
13	1 of 1	SE/127.4	72.3	**lot 25 con 1** **ON**	WWIS

Well ID:	1501122	**Lot:**	025
Concession:	01	**Concession Name:**	OF
County:	OTTAWA-CARLETON	**Municipality:**	GLOUCESTER TOWNSHIP
Easting Nad83:	450490.7	**Northing Nad83:**	5030852
Zone:	18	**Utm Reliability:**	unknown UTM
Primary Water Use:	Domestic	**Construction Date:**	08-OCT-55
Sec. Water Use:		**Well Depth:**	62 ft
Pump Rate:	3 GPM	**Static Water Level:**	17 ft
Flow Rate:		**Clear/Cloudy:**	CLEAR
Specific Capacity:		**Final Well Status:**	Water Supply
Construction Method:	Cable Tool	**Flowing (y/n):**	N
Elevation (m):	72.82	**Elevation Reliability:**	
Depth to Bedrock:	3	**Overburden/Bedrock:**	Bedrock
Water Type:	FRESH	**Casing Material:**	FRESH, MINERIAL

--- Details ---

Thickness:	3 ft	**Original Depth:**	3 ft
Material Colour:		**Material:**	CLAY, MEDIUM SAND
+			
Thickness:	37 ft	**Original Depth:**	40 ft

Material Colour:		***Material:***	SLATE
+			
Thickness:	22 ft	***Original Depth:***	62 ft
Material Colour:		***Material:***	SHALE

14 ***1 of 2*** ***SE/129.3*** ***72.0*** ***WWIS***

Ottawa ON

Well ID:	7159001	***Lot:***	
Concession:		***Concession Name:***	
County:	OTTAWA-CARLETON	***Municipality:***	OTTAWA CITY
Easting Nad83:	450467	***Northing Nad83:***	5030826
Zone:	18	***Utm Reliability:***	margin of error : 10 - 30 m
Primary Water Use:	Test Hole	***Construction Date:***	06-JAN-11
Sec. Water Use:		***Well Depth:***	4.77 m
Pump Rate:		***Static Water Level:***	
Flow Rate:		***Clear/Cloudy:***	
Specific Capacity:		***Final Well Status:***	Test Hole
Construction Method:	Diamond	***Flowing (y/n):***	
Elevation (m):		***Elevation Reliability:***	
Depth to Bedrock:		***Overburden/Bedrock:***	
Water Type:		***Casing Material:***	Not stated

--- Details ---

Thickness:	.08 m	***Original Depth:***	.08 m
Material Colour:		***Material:***	TOPSOIL
+			
Thickness:	1.39 m	***Original Depth:***	1.47 m
Material Colour:	BROWN	***Material:***	SAND, SILTY
+			
Thickness:	3.3 m	***Original Depth:***	4.77 m
Material Colour:	BLACK	***Material:***	SHALE, ROCK

14 ***2 of 2*** ***SE/129.3*** ***72.0*** ***WWIS***

OTTAWA ON

Well ID:	7163230	***Lot:***	
Concession:		***Concession Name:***	
County:	OTTAWA-CARLETON	***Municipality:***	GLOUCESTER TOWNSHIP
Easting Nad83:	450467	***Northing Nad83:***	5030826
Zone:	18	***Utm Reliability:***	margin of error : 10 - 30 m
Primary Water Use:		***Construction Date:***	06-APR-11
Sec. Water Use:		***Well Depth:***	ft
Pump Rate:		***Static Water Level:***	
Flow Rate:		***Clear/Cloudy:***	
Specific Capacity:		***Final Well Status:***	Abandoned-Other
Construction Method:		***Flowing (y/n):***	
Elevation (m):		***Elevation Reliability:***	
Depth to Bedrock:		***Overburden/Bedroc***	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

		k:	
Water Type:		Casing Material:	
--- Details ---			
Thickness:	ft	Original Depth:	ft
Material Colour:		Material:	

15	1 of 1	SE/148.2	72.0	1055 Cummings Ave Gloucester (Ottawa) ON K1J 7S2	EHS

Addit. Info Ordered:	
Order No.:	20040407012
Report Date:	4/13/04
Report Type:	Complete Report
Search Radius (km):	0.25

16	1 of 1	SE/155.5	72.8	OTTAWA ON	WWIS

Well ID:	7163232	Lot:	
Concession:		Concession Name:	
County:	OTTAWA-CARLETON	Municipality:	GLOUCESTER TOWNSHIP
Easting Nad83:	450498	Northing Nad83:	5030818
Zone:	18	Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:		Construction Date:	06-APR-11
Sec. Water Use:		Well Depth:	ft
Pump Rate:		Static Water Level:	
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	Abandoned-Other
Construction Method:		Flowing (y/n):	
Elevation (m):		Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	
Water Type:		Casing Material:	
--- Details ---			
Thickness:	ft	Original Depth:	ft
Material Colour:		Material:	

17	1 of 1	ESE/168.6	73.0	OTTAWA ON	WWIS

Well ID:	7163231	Lot:	
Concession:		Concession Name:	
County:	OTTAWA-CARLETON	Municipality:	OTTAWA CITY
Easting Nad83:	450545	Northing Nad83:	5030864
Zone:	18	Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:		Construction Date:	06-APR-11
Sec. Water Use:		Well Depth:	ft
Pump Rate:		Static Water Level:	
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	Abandoned-Other

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Construction Method:		**Flowing (y/n):**	
Elevation (m):		**Elevation Reliability:**	
Depth to Bedrock:		**Overburden/Bedrock:**	
Water Type:		**Casing Material:**	
--- Details ---			
Thickness:	ft	**Original Depth:**	ft
Material Colour:		**Material:**	

18	1 of 14	SSE/186.1	72.0	**Ambico Limited** **1120 Cummings Ave** **Ottawa ON**	EBR

Year:	2011
EBR Registry No.:	011-5449
Ministry Ref. No.:	5049-8PDMPE
Type:	Instrument Proposal
Instrument Type:	(EPA Part II.1) - Environmental Compliance Approval (project type: air)
Proposal Date:	December 23, 2011
Location:	1120 Cummings Avenue Ottawa K1J 7R8
Proponent Address:	1120 Cummings avenue Ottawa Ontario Canada K1J 7R8

18	2 of 14	SSE/186.1	72.0	**MANIS METAL MANUFACTURING LTD.** **1120 CUMMINGS AVENUE** **OTTAWA ON K1J 7R8**	GEN

Generator #:	ON0526500
Approval Yrs:	86,87
SIC Code:	3031
SIC Description:	METAL DOOR & WINDOW
--- Details ---	
Waste Code:	123
Waste Description:	ALKALINE PHOSPHATES
+	
Waste Code:	211
Waste Description:	AROMATIC SOLVENTS
+	
Waste Code:	212
Waste Description:	ALIPHATIC SOLVENTS
+	
Waste Code:	233
Waste Description:	OTHER POLYMERIC WASTES
+	
Waste Code:	241
Waste Description:	HALOGENATED SOLVENTS
+	
Waste Code:	252
Waste Description:	WASTE OILS & LUBRICANTS

18	3 of 14	SSE/186.1	72.0	**MANIS METAL MANUFACTURING LTD.** **1120 CUMMINGS AVENUE**	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site		DB
				OTTAWA ON K1J 7R8		

Generator #: ON0526500
Approval Yrs: 88,89
SIC Code: 3031
SIC Description: METAL DOOR & WINDOW

--- Details ---
Waste Code: 123
Waste Description: ALKALINE PHOSPHATES
+
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 211
Waste Description: AROMATIC SOLVENTS
+
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS
+
Waste Code: 232
Waste Description: POLYMERIC RESINS
+
Waste Code: 233
Waste Description: OTHER POLYMERIC WASTES
+
Waste Code: 241
Waste Description: HALOGENATED SOLVENTS
+
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

18	4 of 14	SSE/186.1	72.0	AMBICO LIMITED 1120 CUMMINGS AVENUE OTTAWA ON K1J 7R8	25-161	GEN

Generator #: ON0526500
Approval Yrs: 92,93,96,97,98
SIC Code: 3031
SIC Description: METAL DOOR & WINDOW

--- Details ---
Waste Code: 123
Waste Description: ALKALINE PHOSPHATES
+
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 211
Waste Description: AROMATIC SOLVENTS
+
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS
+
Waste Code: 232
Waste Description: POLYMERIC RESINS
+

Waste Code: 233
Waste Description: OTHER POLYMERIC WASTES
+
Waste Code: 241
Waste Description: HALOGENATED SOLVENTS
+
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

18	5 of 14	SSE/186.1	72.0	MANIS METAL MANUFACTURING LTD. 25-161 1120 CUMMINGS AVENUE OTTAWA ON K1J 7R8	GEN

Generator #: ON0526500
Approval Yrs: 94,95
SIC Code: 3031
SIC Description: METAL DOOR & WINDOW

--- Details ---
Waste Code: 123
Waste Description: ALKALINE PHOSPHATES
+
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 211
Waste Description: AROMATIC SOLVENTS
+
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS
+
Waste Code: 232
Waste Description: POLYMERIC RESINS
+
Waste Code: 233
Waste Description: OTHER POLYMERIC WASTES
+
Waste Code: 241
Waste Description: HALOGENATED SOLVENTS
+
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

18	6 of 14	SSE/186.1	72.0	Ambico Limited 1120 Cummings Avenue Ottawa ON	GEN

Generator #: ON5821952
Approval Yrs: 06
SIC Code: 321911
SIC Description: Wood Window and Door Manufacturing

--- Details ---
Waste Code: 211
Waste Description: AROMATIC SOLVENTS
+

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

18	7 of 14	SSE/186.1	72.0	Ambico Limited 1120 Cummings Avenue Ottawa ON	GEN

Generator #: ON5821952
Approval Yrs: 2009
SIC Code: 321911
SIC Description: Wood Window and Door Manufacturing

--- Details ---
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 211
Waste Description: AROMATIC SOLVENTS
+
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

18	8 of 14	SSE/186.1	72.0	Ambico Limited 1120 Cummings Avenue Ottawa ON	GEN

Generator #: ON5821952
Approval Yrs: 2010
SIC Code: 321911
SIC Description: Wood Window and Door Manufacturing

--- Details ---
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS
+
Waste Code: 211
Waste Description: AROMATIC SOLVENTS

18	9 of 14	SSE/186.1	72.0	Ambico Limited 1120 Cummings Avenue Ottawa ON	GEN

Generator #: ON5821952
Approval Yrs: 2011
SIC Code: 321911
SIC Description: Wood Window and Door Manufacturing

--- Details ---
Waste Code: 211
Waste Description: AROMATIC SOLVENTS
+
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

+
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

18	10 of 14	SSE/186.1	72.0	Ambico Limited 1120 Cummings Avenue Ottawa ON	GEN

Generator #: ON5821952
Approval Yrs: As of May 2015
SIC Code:
SIC Description:

--- Details ---
Waste Code: 263
Waste Description: Misc. waste organic chemicals
+
Waste Code: 252
Waste Description: Waste crankcase oils and lubricants
+
Waste Code: 211
Waste Description: Aromatic solvents and residues
+
Waste Code: 145
Waste Description: Wastes from the use of pigments, coatings and paints
+
Waste Code: 232
Waste Description: Polymeric resins
+
Waste Code: 148
Waste Description: Misc. wastes and inorganic chemicals

18	11 of 14	SSE/186.1	72.0	Ambico Limited 1120 Cummings Avenue Ottawa ON	GEN

Generator #: ON5821952
Approval Yrs: 2012
SIC Code: 321911
SIC Description: Wood Window and Door Manufacturing

--- Details ---
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 211
Waste Description: AROMATIC SOLVENTS
+
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

18	12 of 14	SSE/186.1	72.0	Ambico Limited 1120 Cummings Ave Gloucester ON K1J 7R8	SCT

Established: 7/1/1961

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Plant Size (ft²):
Employment:

--- Details ---
Description: Metal Window and Door Manufacturing
SIC/NAICS Code: 332321
+
Description: Other Ornamental and Architectural Metal Product Manufacturing
SIC/NAICS Code: 332329

18	13 of 14	SSE/186.1	72.0	AMBICO LIMITED 1120 Cummings Ave Ottawa ON K1J 7R8	SCT

Established: 1961
Plant Size (ft²): 16100
Employment: 40

--- Details ---
Description: Wood Window and Door Manufacturing
SIC/NAICS Code: 321911
+
Description: Metal Window and Door Manufacturing
SIC/NAICS Code: 332321

18	14 of 14	SSE/186.1	72.0	Ambico Limited 1120 Cummings Ave Gloucester ON K1J 7R8	SCT

Established: 01-AUG-55
Plant Size (ft²):
Employment:

--- Details ---
Description: Metal Window and Door Manufacturing
SIC/NAICS Code: 332321
+
Description: Other Ornamental and Architectural Metal Product Manufacturing
SIC/NAICS Code: 332329

19	1 of 2	N/213.5	72.0	ON	BORE

Borehole ID:	615105	**Type:**	Borehole
Use:		**Status:**	
Drill Method:		**UTM Zone:**	18
Easting:	450371	**Northing:**	5031142
Location Accuracy:		**Orig. Ground Elev m:**	73.2
Elev. Reliability Note:		**DEM Ground Elev m:**	72.9
Total Depth m:	32	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	NOV-1952	**Static Water Level:**	-999.9
Primary Water Use:		**Sec. Water Use:**	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

--- Details ---

Stratum ID:	218400444	**Top Depth(m):**	0.0
Bottom Depth(m):	4.6	**Stratum Desc:**	GRAVEL.
+			
Stratum ID:	218400445	**Top Depth(m):**	4.6
Bottom Depth(m):	32.0	**Stratum Desc:**	BEDROCK. 00105GREY,VERY STIFF TO HARD,FISSURED. CLAY. BROWN,GREY,VERY STIFF TO HARD,FISSURED.

19	2 of 2	N/213.5	72.0	lot 25 con 1 ON	WWIS

Well ID:	1501119	**Lot:**	025
Concession:	01	**Concession Name:**	OF
County:	OTTAWA-CARLETON	**Municipality:**	GLOUCESTER TOWNSHIP
Easting Nad83:	450370.7	**Northing Nad83:**	5031142
Zone:	18	**Utm Reliability:**	unknown UTM
Primary Water Use:	Domestic	**Construction Date:**	12-NOV-52
Sec. Water Use:		**Well Depth:**	105 ft
Pump Rate:	2 GPM	**Static Water Level:**	17 ft
Flow Rate:		**Clear/Cloudy:**	CLEAR
Specific Capacity:		**Final Well Status:**	Water Supply
Construction Method:	Cable Tool	**Flowing (y/n):**	N
Elevation (m):	72.87	**Elevation Reliability:**	
Depth to Bedrock:	15	**Overburden/Bedrock:**	Bedrock
Water Type:	FRESH	**Casing Material:**	FRESH, MINERIAL

--- Details ---

Thickness:	15 ft	**Original Depth:**	15 ft
Material Colour:		**Material:**	GRAVEL
+			
Thickness:	90 ft	**Original Depth:**	105 ft
Material Colour:		**Material:**	ROCK

20	1 of 1	NNW/226.6	71.0	OTTAWA ON	WWIS

Well ID:	7043234	**Lot:**	
Concession:		**Concession Name:**	
County:	OTTAWA-CARLETON	**Municipality:**	OTTAWA CITY
Easting Nad83:	450286	**Northing Nad83:**	5031131
Zone:	18	**Utm Reliability:**	margin of error : 10 - 30 m
Primary Water Use:		**Construction Date:**	09-MAR-07
Sec. Water Use:		**Well Depth:**	4.27 m
Pump Rate:		**Static Water Level:**	
Flow Rate:		**Clear/Cloudy:**	
Specific Capacity:		**Final Well Status:**	Abandoned-Other
Construction Method:	Other Method	**Flowing (y/n):**	
Elevation (m):	71.97	**Elevation**	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Depth to Bedrock:		**Reliability:**	
		Overburden/Bedrock:	Overburden
Water Type:		**Casing Material:**	Not stated

--- Details ---

Thickness:	.31 m	**Original Depth:**	.31 m
Material Colour:	BROWN	**Material:**	FILL, SAND
+			
Thickness:	2.13 m	**Original Depth:**	2.44 m
Material Colour:	BROWN	**Material:**	CLAY, SILT
+			
Thickness:	.91 m	**Original Depth:**	3.35 m
Material Colour:	BROWN	**Material:**	SAND, SILT
+			
Thickness:	.92 m	**Original Depth:**	4.27 m
Material Colour:	GREY	**Material:**	CLAY, SILT

21	*1 of 2*	*SW/230.2*	*70.0*	***KONE INC*** ***1240-1244 DONALD ST*** ***OTTAWA ON***	***GEN***

Generator #:	ON2960863
Approval Yrs:	2009
SIC Code:	238291
SIC Description:	Elevator and Escalator Installation Contractors

--- Details ---

Waste Code:	251
Waste Description:	OIL SKIMMINGS & SLUDGES
+	
Waste Code:	252
Waste Description:	WASTE OILS & LUBRICANTS

21	*2 of 2*	*SW/230.2*	*70.0*	***GREENWIN PROPERTY MANAGEMENT INC*** ***1240-1244 DONALD STREET*** ***OTTAWA ON K1J 8V6***	***GEN***

Generator #:	ON6430229
Approval Yrs:	2011
SIC Code:	531310
SIC Description:	

22	*1 of 1*	*WNW/233.3*	*70.0*	***4443 ELAINE DRIVE*** ***OTTAWA ON***	***HINC***

External File Num:	FS INC 0810-06569
Date of Occurrence:	
Fuel Occurrence Type:	
Fuel Type Involved:	
Status Desc:	Completed - No Action Required
Job Type Desc:	Incident/Near-Miss Occurrence (FS)

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Oper. Type Involved:	
Service Interruptions:	
Property Damage:	
Fuel Life Cycle Stage:	
Root Cause:	
Reported Details:	Non-mandated. Contractor reporting improper isolation of open gas line. FS Inspector Guy Castagne lo
Fuel Category:	Gaseous Fuel
Occurrence Type:	Near-miss
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:	

23	*1 of 4*	*NNW/244.0*	*72.0*	***CYRVILLE AUTO & COLLISION CENTRE INC.*** ***959 CUMMINGS AVENUE*** ***GLOUCESTER CITY ON K1J 7R9***	***CA***

Certificate #:	8-4161-95-
Application Year:	95
Issue Date:	9/29/1995
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	PAINT SPRAY BOOTH FOR AUTO BODY SHOP
Contaminants:	Hexamethylene Di-Isocyanate Trimer, Ethyl Benzene, Ethyl-3-Ethoxy Propionate, Methyl Ethyl Ketone (Butanone), Methyl Isobutyl Ketone, Acetone, N-Propyl Alcohol, Toluene(Pentyl Methane)(Methyl Benzene), Xylene
Emission Control:	No Controls

23	*2 of 4*	*NNW/244.0*	*72.0*	***959 Cummings Avenue*** ***Ottawa ON K1J 7R9***	***EHS***

Addit. Info Ordered:	
Order No.:	20050617010
Report Date:	6/23/2005
Report Type:	
Search Radius (km):	0.25

23	*3 of 4*	*NNW/244.0*	*72.0*	***Aviation Road Inc.*** ***959 CUMMINGS AVE, OTTAWA, ON, K1J 7R9,*** ***ON***	***RSC***

Date Submitted:	7-Feb-07

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Date Acknowledg.:	
Date Returned:	
Certification Date:	10-Jan-07
Soil Type:	
Restoration Type:	
Registration #:	11108
Stratified (Y/N):	
Criteria:	
Consultant:	
District Office:	OTTAWA
Intended Prop Use:	Residential
Current Property Use:	Commercial
Certificate Prop Use #:	Unknown
Applicable Standards:	Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use
Legal Description:	All of Block A and All of Lots 1 to 14 (inclusive) And Lot 55 And Part of Lots 15 and 16 And All of Ruby Street (As Closed By By-Law 181-77, Inst. No. CT259715) Registered Plan 323 City of Ottawa, Surveyed by Annis, O'Sullivan, Vollebekk Ltd. (RSC applies to Part 1 on Plan by Annis, O'Sullivan, Vollebekk Ltd. Dwg. 7377-06-RP1 JD1, October 6, 2006, Part 1 consists of All of Block A and All of Lots 1 to 9 (inclusive) and Lot 55 and Part of Ruby Street As Closed by By-Law 181-77, Inst. No. CT259715 Registered as Plan 323 City of Ottawa (Please note that the property has been divided into 2 parts (Part 1 and Part 2) as described on the attached Plan of Survey completed by Annis, O'Sullivan Vollebekk Ltd. RP 323, City of Ottawa) The RSC is being completed for Part 1 only.
Prop. Identification #:	04269-0603LT
Entire legal prop. (y/n):	No
UTM Coordinates:	NAD83 18-453041-5027562 (converted from Latitude & Longitude)
Latitude & Longitude:	45.40000000N 75.60000000W
Accuracy Estimate:	2 to 5 meters
Measurement Method:	Digitized from a map
CPU Issued Sect 1686:	Yes

23	*4 of 4*	*NNW/244.0*	*72.0*	***Aviation Road Inc.*** ***959 CUMMINGS AVE, OTTAWA, ON, K1J 7R9,*** ***ON***	***RSC***

Date Submitted:	22-Feb-08
Date Acknowledg.:	
Date Returned:	
Certification Date:	15-Nov-07
Soil Type:	
Restoration Type:	
Registration #:	40709
Stratified (Y/N):	
Criteria:	
Consultant:	
District Office:	OTTAWA
Intended Prop Use:	Residential
Current Property Use:	Industrial
Certificate Prop Use #:	No CPU
Applicable Standards:	Stratified Site Conditions Standard, with Nonpotable Ground Water, Medium/Fine Textured Soil, for Residential/Parkland/Institutional property use
Legal Description:	All of Block A and All of Lots 1 to 14 (inclusive) And Lot 55 And Part of Lots 15 and 16 And Part of Ruby Street (As Closed By By-Law 181-77, Inst. No. CT259715) Registered Plan 323 City of Ottawa, Surveyed by Annis, O'Sullivan, Vollebekk Ltd. (RSC applies to Part 2 on Plan by Annis, O'Sullivan, Vollebekk Ltd. Dwg. 7377-06-RP1 JD1, October 6, 2006, Part 2 consists of Lots 10 to 14

(inclusive) And Parts of Lots 15 and 16 And Part of Ruby Street As Closed By By-Law 181-77, Inst. No. CT259715 Registered as Plan 323 City of Ottawa (Please note that the property has been divided into 2 parts (Part 1 and Part 2) as described on the attached Plan of Survey completed by Annis, O'Sullivan Vollebekk Ltd. RP 323, City of Ottawa) The RSC is being completed for Part 2 only.

Prop. Identification #:	04269-0603LT
Entire legal prop. (y/n):	No
UTM Coordinates:	NAD83 18-450395-5031162 (converted from Latitude & Longitude)
Latitude & Longitude:	45.43222220N 75.63416670W
Accuracy Estimate:	6 to 10 meters
Measurement Method:	Global Positioning System
CPU Issued Sect 1686:	No

Unplottable Summary

Total: 34 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	CARL W. MADIGAN	CUMMINGS AVE.	GLOUCESTER CITY ON	
CA	BEAUFORT BUILDING INC.	E. S. OF CUMMINGS AVE.	GLOUCESTER CITY ON	
CA	670669 ONTARIO LTD.	CUMMINGS AVE. NON PROFIT HOUSI	GLOUCESTER CITY ON	
CA	CARL W. MADIGAN	CUMMINGS AVE.	GLOUCESTER CITY ON	
CA	CITY	CUMMINGS AVE.	GLOUCESTER CITY ON	
CA	CARL W. MADIGAN	CUMMINGS AVE.	GLOUCESTER CITY ON	
CA	Sewer-Matic Drain Services Ltd.	Mobile Facility	Ottawa ON	
CA		Lot 25 & 26, Concession 1	Ottawa ON	
CA	GLOUCESTER CITY	CUMMINGS AVE	GLOUCESTER CITY ON	
CA	CARL W. MADIGAN	CUMMINGS AVE.	GLOUCESTER CITY ON	
CA	670669 ONTARIO LTD.	CUMMINGS AVE. NON PROFIT HOUS	GLOUCESTER CITY ON	
CA		Lot 25 & 26, Concession 1	Ottawa ON	
EBR	Sewer-matic Drain Service Ltd.		City of Gloucester ON	
EXP	DESCHENES CONSTRUCTION (ONTARIO) LTD	DOMTAR R BOYCE QUARRY LOT 25	GLOUCESTER TWP ON	P0G 1K0
EXP	DESCHENES CONSTRUCTION (ONTARIO) LTD	DOMTAR R BOYCE QUARRY LOT 25	GLOUCESTER TWP ON	P0G 1K0

EXP	DESCHENES CONSTRUCTION (ONTARIO) LTD	DOMTAR R BOYCE QUARRY LOT 25	GLOUCESTER TWP ON	P0G 1K0
EXP	DESCHENES CONSTRUCTION (ONTARIO) LTD	DOMTAR R BOYCE QUARRY LOT 25	GLOUCESTER TWP ON	
EXP	DESCHENES CONSTRUCTION (ONTARIO) LTD	DOMTAR R BOYCE QUARRY LOT 25	GLOUCESTER TWP ON	P0G 1K0
EXP	DESCHENES CONSTRUCTION (ONTARIO) LTD	DOMTAR R BOYCE QUARRY LOT 25	GLOUCESTER TWP ON	
EXP	DESCHENES CONSTRUCTION (ONTARIO) LTD	DOMTAR R BOYCE QUARRY LOT 25	GLOUCESTER TWP ON	
EXP	DESCHENES CONSTRUCTION (ONTARIO) LTD	DOMTAR R BOYCEQUARRY LOT 25	GLOUCESTER TWP ON	P0G 1K0
EXP	DESCHENES CONSTRUCTION (ONTARIO) LTD	DOMTAR R BOYCEQUARRY LOT 25	GLOUCESTER TWP ON	P0G 1K0
EXP	DESCHENES CONSTRUCTION (ONTARIO) LTD	DOMTAR R BOYCEQUARRY LOT 25	GLOUCESTER TWP ON	P0G 1K0
GEN	NATIONAL CAPITAL COMMISSION	LOT 25,26,27	OTTAWA ON	K1P 1C7
NATE	DOMICILEDEVELOPMEN		OTTAWA ON	
NEES	DOMICILEDEVELOPMEN		OTTAWA ON	
SPL	HYDRO ONE	LOT 26, CONC. 1, (FORMERLY MARLBOROUGH TWP.) TRANSFORMER	OTTAWA CITY ON	
WWIS		lot 25	ON	
WWIS		lot 25	ON	
WWIS		lot 25	ON	
WWIS		lot 25	ON	
WWIS		lot 26	ON	
WWIS		lot 26	ON	

Unplottable Report

Site: ***CARL W. MADIGAN***
CUMMINGS AVE. GLOUCESTER CITY ON

Database: ***CA***

Certificate #:	7-0081-88-
Application Year:	88
Issue Date:	2/9/1988
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***BEAUFORT BUILDING INC.***
E. S. OF CUMMINGS AVE. GLOUCESTER CITY ON

Database: ***CA***

Certificate #:	3-1989-88-
Application Year:	88
Issue Date:	4/6/1989
Approval Type:	Municipal sewage
Status:	Approved in 1989
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***670669 ONTARIO LTD.***
CUMMINGS AVE. NON PROFIT HOUSI GLOUCESTER CITY ON

Database: ***CA***

Certificate #:	3-1553-87-
Application Year:	87
Issue Date:	9/4/1987
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	

Emission Control:

Site: ***CARL W. MADIGAN***
CUMMINGS AVE. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 7-0958-88-
Application Year: 88
Issue Date: 7/5/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CITY***
CUMMINGS AVE. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-0371-85-006
Application Year: 85
Issue Date: 5/2/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CARL W. MADIGAN***
CUMMINGS AVE. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-1114-88-
Application Year: 88
Issue Date: 7/5/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Sewer-Matic Drain Services Ltd.***

Database: ***CA***

Mobile Facility Ottawa ON

Certificate #:	A860427
Application Year:	2002
Issue Date:	1/7/2002
Approval Type:	Waste Management Systems
Status:	Revoked and/or Replaced
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Database:***
Lot 25 & 26, Concession 1 Ottawa ON ***CA***

Certificate #:	3510-4QHTRG
Application Year:	00
Issue Date:	10/30/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	1270449 Ontario Inc.
Client Address:	1187 Bank Street
Client City:	Ottawa
Client Postal Code:	K1S 3X7
Project Description:	watermain construction on pooler ave, orvigale road, porter st.
Contaminants:	
Emission Control:	

Site: ***GLOUCESTER CITY*** ***Database:***
CUMMINGS AVE GLOUCESTER CITY ON ***CA***

Certificate #:	3-1611-86-
Application Year:	86
Issue Date:	10/23/1986
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***CARL W. MADIGAN*** ***Database:***
CUMMINGS AVE. GLOUCESTER CITY ON ***CA***

Certificate #:	3-0090-88-
Application Year:	88
Issue Date:	2/9/1988

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

Site: ***670669 ONTARIO LTD.***
CUMMINGS AVE. NON PROFIT HOUS GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 7-1300-87-
Application Year: 87
Issue Date: 9/4/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site:
Lot 25 & 26, Concession 1 Ottawa ON

Database: ***CA***

Certificate #: 6524-4QHTM6
Application Year: 00
Issue Date: 10/30/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: 1270449 Ontario Inc.
Client Address: 1187 Bank Street
Client City: Ottawa
Client Postal Code: K1S 3X7
Project Description: storm sewers construction on Saundres Ave; sanitary sewers construction on Pooler Ave, Orvigale Road, Porter St.
Contaminants:
Emission Control:

Site: ***Sewer-matic Drain Service Ltd.***
City of Gloucester ON

Database: ***EBR***

Year: 1997
EBR Registry No.: IA7E0388
Ministry Ref. No.:
Type: Instrument
Instrument Type: EPA s. 27 - Approval for a waste disposal site.
Proposal Date: 3/25/97
Location: City of Gloucester

Proponent Address: Sewer-matic Drain Service Ltd.,4140 Belgreen Drive,Gloucester, Ontario,K1G 3N2

Site: ***DESCHENES CONSTRUCTION (ONTARIO) LTD***
DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP ON P0G 1K0

Database: ***EXP***

Instance ID:
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 5/26/1992
Instance Number: 9480416
Instance Type: FS Facility
Status: EXPIRED
Description:

Site: ***DESCHENES CONSTRUCTION (ONTARIO) LTD***
DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP ON P0G 1K0

Database: ***EXP***

Instance ID:
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 5/26/1992
Instance Number: 10763238
Instance Type: FS Liquid Fuel Tank
Status: EXPIRED
Description:

Site: ***DESCHENES CONSTRUCTION (ONTARIO) LTD***
DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP ON P0G 1K0

Database: ***EXP***

Instance ID:
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 10/3/1989
Instance Number: 10763253
Instance Type: FS Liquid Fuel Tank
Status: EXPIRED
Description:

Site: ***DESCHENES CONSTRUCTION (ONTARIO) LTD***
DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP ON

Database: ***EXP***

Instance ID: 37355
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:
Instance Number: 10763247
Instance Type: FS Piping
Status: EXPIRED
Description: FS Piping

Site: ***DESCHENES CONSTRUCTION (ONTARIO) LTD***
DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP ON P0G 1K0

Database: ***EXP***

Instance ID:	
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	5/26/1992
Instance Number:	10763220
Instance Type:	FS Liquid Fuel Tank
Status:	EXPIRED
Description:	

Site: ***DESCHENES CONSTRUCTION (ONTARIO) LTD***
DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP ON

Database: ***EXP***

Instance ID:	37817
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	
Instance Number:	10763229
Instance Type:	FS Piping
Status:	EXPIRED
Description:	FS Piping

Site: ***DESCHENES CONSTRUCTION (ONTARIO) LTD***
DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP ON

Database: ***EXP***

Instance ID:	37258
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	
Instance Number:	10763262
Instance Type:	FS Piping
Status:	EXPIRED
Description:	FS Piping

Site: ***DESCHENES CONSTRUCTION (ONTARIO) LTD***
DOMTAR R BOYCEQUARRY LOT 25 GLOUCESTER TWP ON P0G 1K0

Database: ***EXP***

Instance ID:	37563
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	FS Liquid Fuel Tank
Expired Date:	10/3/1989
Instance Number:	10763253
Instance Type:	FS Liquid Fuel Tank
Status:	EXPIRED
Description:	FS Gasoline Station - Full Serve

Site: ***DESCHENES CONSTRUCTION (ONTARIO) LTD***

Database:

DOMTAR R BOYCEQUARRY LOT 25 GLOUCESTER TWP ON P0G 1K0 ***EXP***

Instance ID:	38044
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	FS Liquid Fuel Tank
Expired Date:	5/26/1992
Instance Number:	10763238
Instance Type:	FS Liquid Fuel Tank
Status:	EXPIRED
Description:	FS Gasoline Station - Full Serve

Site: ***DESCHENES CONSTRUCTION (ONTARIO) LTD*** ***Database:***
DOMTAR R BOYCEQUARRY LOT 25 GLOUCESTER TWP ON P0G 1K0 ***EXP***

Instance ID:	37750
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	FS Liquid Fuel Tank
Expired Date:	5/26/1992
Instance Number:	10763220
Instance Type:	FS Liquid Fuel Tank
Status:	EXPIRED
Description:	FS Gasoline Station - Full Serve

Site: ***NATIONAL CAPITAL COMMISSION*** ***Database:***
LOT 25,26,27 OTTAWA ON K1P 1C7 ***GEN***

Generator #:	ON9920165
Approval Yrs:	2010
SIC Code:	712190
SIC Description:	Other Heritage Institutions

--- Details ---

Waste Code:	221
Waste Description:	LIGHT FUELS

Site: ***DOMICILEDEVELOPMEN*** ***Database:***
OTTAWA ON ***NATE***

File No.:	44622O
Reported By:	Province
Material Reaction:	
Spill Date:	870323
Lead Agency:	
Basin:	St. Lawrence River Drainage
Air:	
DOE on Scene:	
Land:	Y
Fresh Water:	
Ground Water:	
Salt Water:	
Other Environment:	
Waterbody:	
Cause:	Above Ground Tank Leak
Reason:	Material Failure
Source:	Other Storage Facilities

Sector:	Other
Ship No.:	
Ship Name:	
Clean Up By:	polluter
Disposal Method:	landfill
Recovery %:	100.00
Act Invoked:	None
Enforcement Resp:	
Fish Kill:	N
Oiled Birds:	N
Other Kill:	N
Vegetation Damage:	N
Property Damage:	N
Drinking Water:	N
Income Loss:	N
Other Consequences:	N
No. of Injuries:	
No. of Evacuations:	
Fine:	0.00
No. of Dead:	
Cleanup Cost:	40000.00
Material:	bunker c
Amount (ton):	1.10
Volume (L):	0.00
Concentration:	0.00
Phase:	
Additional Info:	

Site: ***DOMICILEDEVELOPMEN OTTAWA ON*** — ***Database:*** ***NEES***

Incident Date:	3/23/87
Contaminant:	bunker c
Amount:	1.1
Units:	Tonnes (Metric)
Quantity:	
Cause:	Above Ground Tank Leak
Source:	Other Storage Facilities
Reason:	Material Failure
Sector:	Other

Site: ***HYDRO ONE LOT 26, CONC. 1, (FORMERLY MARLBOROUGH TWP.) TRANSFORMER OTTAWA CITY ON*** — ***Database:*** ***SPL***

Ref NO:	207302
Contaminant Code:	
Contaminant Name:	
Contaminant Quantity:	
Incident Cause:	OTHER CAUSE (N.O.S.)
Incident Dt:	7/30/2001
Incident Reason:	OTHER
Incident Summary:	HYDRO ONE - 10 L OF NON- PCB OIL TO GROUND FROM TRANSFORMER.
MOE Reported Dt:	7/30/2001
Environmental Impact:	Confirmed
Nature of Impact:	Soil contamination
Receiving Medium:	Land
SAC Action Class:	
Sector Source Type:	

Site Municipality: 20107

Site: ***Database:***
lot 25 ON ***WWIS***

Well ID:	1528230	***Lot:***	025
Concession:		***Concession Name:***	
County:	OTTAWA-CARLETON	***Municipality:***	GLOUCESTER TOWNSHIP
Easting Nad83:		***Northing Nad83:***	
Zone:	18	***Utm Reliability:***	unknown UTM
Primary Water Use:	Industrial	***Construction Date:***	13-SEP-94
Sec. Water Use:		***Well Depth:***	103 ft
Pump Rate:	5 GPM	***Static Water Level:***	14 ft
Flow Rate:		***Clear/Cloudy:***	CLEAR
Specific Capacity:		***Final Well Status:***	Water Supply
Construction Method:	Rotary (Air)	***Flowing (y/n):***	N
Elevation (m):		***Elevation Reliability:***	
Depth to Bedrock:	8	***Overburden/Bedrock:***	Bedrock
Water Type:	FRESH	***Casing Material:***	FRESH, MINERIAL

--- Details ---

Thickness:	2 ft	***Original Depth:***	2 ft
Material Colour:	GREY	***Material:***	STONES, PACKED, HARD
+			
Thickness:	6 ft	***Original Depth:***	8 ft
Material Colour:	GREY	***Material:***	HARDPAN, BOULDERS, PACKED
+			
Thickness:	3 ft	***Original Depth:***	11 ft
Material Colour:	GREY	***Material:***	SHALE, LAYERED, POROUS
+			
Thickness:	92 ft	***Original Depth:***	103 ft
Material Colour:	GREY	***Material:***	SHALE, SOFT

Site: ***Database:***
lot 25 ON ***WWIS***

Well ID:	1522184	***Lot:***	025
Concession:		***Concession Name:***	
County:	OTTAWA-CARLETON	***Municipality:***	GLOUCESTER TOWNSHIP
Easting Nad83:		***Northing Nad83:***	
Zone:	18	***Utm Reliability:***	unknown UTM
Primary Water Use:	Domestic	***Construction Date:***	08-DEC-87
Sec. Water Use:		***Well Depth:***	60 ft
Pump Rate:	20 GPM	***Static Water Level:***	15 ft
Flow Rate:		***Clear/Cloudy:***	CLEAR
Specific Capacity:		***Final Well Status:***	Water Supply
Construction Method:	Air Precussion	***Flowing (y/n):***	N
Elevation (m):		***Elevation Reliability:***	
Depth to Bedrock:	23	***Overburden/Bedrock:***	Bedrock
Water Type:	FRESH	***Casing Material:***	FRESH, MINERIAL

--- Details ---

Thickness:	14 ft	***Original Depth:***	14 ft
Material Colour:	BROWN	***Material:***	CLAY, PACKED
+			

Thickness:	9 ft	***Original Depth:***	23 ft
Material Colour:	GREY	***Material:***	CLAY, BOULDERS
+			
Thickness:	37 ft	***Original Depth:***	60 ft
Material Colour:	GREY	***Material:***	LIMESTONE, MEDIUM-GRAINED

Site: ***Database:***
lot 25 ON ***WWIS***

Well ID:	1523747	***Lot:***	025
Concession:		***Concession Name:***	
County:	OTTAWA-CARLETON	***Municipality:***	OTTAWA CITY
Easting Nad83:		***Northing Nad83:***	
Zone:	18	***Utm Reliability:***	unknown UTM
Primary Water Use:	Industrial	***Construction Date:***	12-JUN-89
Sec. Water Use:		***Well Depth:***	250 ft
Pump Rate:	14 GPM	***Static Water Level:***	19 ft
Flow Rate:		***Clear/Cloudy:***	CLOUDY
Specific Capacity:		***Final Well Status:***	Water Supply
Construction Method:	Air Precussion	***Flowing (y/n):***	N
Elevation (m):		***Elevation Reliability:***	
Depth to Bedrock:	32	***Overburden/Bedrock:***	Bedrock
Water Type:	FRESH	***Casing Material:***	FRESH, MINERIAL

--- Details ---

Thickness:	32 ft	***Original Depth:***	32 ft
Material Colour:	GREY	***Material:***	CLAY
+			
Thickness:	218 ft	***Original Depth:***	250 ft
Material Colour:	GREY	***Material:***	LIMESTONE, SHALY

Site: ***Database:***
lot 25 ON ***WWIS***

Well ID:	1528229	***Lot:***	025
Concession:		***Concession Name:***	
County:	OTTAWA-CARLETON	***Municipality:***	GLOUCESTER TOWNSHIP
Easting Nad83:		***Northing Nad83:***	
Zone:	18	***Utm Reliability:***	unknown UTM
Primary Water Use:	Domestic	***Construction Date:***	22-SEP-94
Sec. Water Use:		***Well Depth:***	100 ft
Pump Rate:	6 GPM	***Static Water Level:***	14 ft
Flow Rate:		***Clear/Cloudy:***	CLOUDY
Specific Capacity:		***Final Well Status:***	Water Supply
Construction Method:	Rotary (Air)	***Flowing (y/n):***	N
Elevation (m):		***Elevation Reliability:***	
Depth to Bedrock:	13	***Overburden/Bedrock:***	Bedrock
Water Type:	FRESH	***Casing Material:***	FRESH

--- Details ---

Thickness:	13 ft	***Original Depth:***	13 ft
Material Colour:	BROWN	***Material:***	HARDPAN, BOULDERS, HARD
+			
Thickness:	87 ft	***Original Depth:***	100 ft
Material Colour:	GREY	***Material:***	LIMESTONE, SHALE, LAYERED

Site:
lot 26 ON

Database:
WWIS

Well ID:	1529709	***Lot:***	026
Concession:		***Concession Name:***	LI
County:	OTTAWA-CARLETON	***Municipality:***	GLOUCESTER TOWNSHIP
Easting Nad83:		***Northing Nad83:***	
Zone:	18	***Utm Reliability:***	unknown UTM
Primary Water Use:	Domestic	***Construction Date:***	11-NOV-97
Sec. Water Use:		***Well Depth:***	75 ft
Pump Rate:	30 GPM	***Static Water Level:***	12 ft
Flow Rate:		***Clear/Cloudy:***	
Specific Capacity:		***Final Well Status:***	Water Supply
Construction Method:	Air Precussion	***Flowing (y/n):***	N
Elevation (m):		***Elevation Reliability:***	
Depth to Bedrock:	16	***Overburden/Bedrock:***	Bedrock
Water Type:	Not stated	***Casing Material:***	FRESH, MINERIAL

--- Details ---

Thickness:	4 ft	***Original Depth:***	4 ft
Material Colour:	BROWN	***Material:***	CLAY, PACKED
+			
Thickness:	9 ft	***Original Depth:***	13 ft
Material Colour:	BROWN	***Material:***	HARDPAN, BOULDERS, PACKED
+			
Thickness:	3 ft	***Original Depth:***	16 ft
Material Colour:	GREY	***Material:***	HARDPAN, GRAVEL, PACKED
+			
Thickness:	19 ft	***Original Depth:***	35 ft
Material Colour:	GREY	***Material:***	LIMESTONE, HARD
+			
Thickness:	40 ft	***Original Depth:***	75 ft
Material Colour:	WHITE	***Material:***	SANDSTONE, HARD

Site:
lot 26 ON

Database:
WWIS

Well ID:	1530328	***Lot:***	026
Concession:		***Concession Name:***	BF
County:	OTTAWA-CARLETON	***Municipality:***	GLOUCESTER TOWNSHIP
Easting Nad83:		***Northing Nad83:***	
Zone:	18	***Utm Reliability:***	unknown UTM
Primary Water Use:	Livestock	***Construction Date:***	19-OCT-98
Sec. Water Use:		***Well Depth:***	
Pump Rate:		***Static Water Level:***	
Flow Rate:		***Clear/Cloudy:***	
Specific Capacity:		***Final Well Status:***	Abandoned-Quality
Construction Method:		***Flowing (y/n):***	
Elevation (m):		***Elevation Reliability:***	
Depth to Bedrock:		***Overburden/Bedrock:***	No formation data
Water Type:		***Casing Material:***	

Site:
lot 26 ON

Database:
WWIS

Well ID:	1519599	***Lot:***	026
Concession:		***Concession Name:***	BF
County:	OTTAWA-CARLETON	***Municipality:***	GLOUCESTER TOWNSHIP
Easting Nad83:		***Northing Nad83:***	
Zone:	18	***Utm Reliability:***	unknown UTM
Primary Water Use:	Domestic	***Construction Date:***	14-MAY-85
Sec. Water Use:		***Well Depth:***	65 ft
Pump Rate:	20 GPM	***Static Water Level:***	14 ft
Flow Rate:		***Clear/Cloudy:***	CLEAR
Specific Capacity:		***Final Well Status:***	Water Supply
Construction Method:	Air Precussion	***Flowing (y/n):***	N
Elevation (m):		***Elevation Reliability:***	
Depth to Bedrock:	49	***Overburden/Bedrock:***	Bedrock
Water Type:	FRESH	***Casing Material:***	FRESH, MINERIAL

--- Details ---

Thickness:	17 ft	***Original Depth:***	17 ft
Material Colour:	BROWN	***Material:***	CLAY
+			
Thickness:	23 ft	***Original Depth:***	40 ft
Material Colour:	GREY	***Material:***	HARDPAN, BOULDERS
+			
Thickness:	9 ft	***Original Depth:***	49 ft
Material Colour:	BROWN	***Material:***	SAND, GRAVEL, BOULDERS
+			
Thickness:	16 ft	***Original Depth:***	65 ft
Material Colour:	GREY	***Material:***	LIMESTONE

Appendix: Database Descriptions

Ecolog Environmental Risk Information Services Ltd (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 all abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

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 Mar 2015

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 2014

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: 2001-Jul 2014

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 2014

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*

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: 1948-Dec 2015

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: 1992, 1999-Jul 2014

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-Feb 2014

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-Jan 2016

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-Jun 2014

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 31 2011-Oct 2015

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-Jan 2016

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 31, 2011-Jun 2015

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-Aug 2014

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

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events. Events captured will include 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.

Government Publication Date: May 31, 2014

List of TSSA Expired Facilities: Provincial EXP

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

Government Publication Date: Current to Nov 2015

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: June 2000-Oct 2015

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-Sept 2003

Fuel Storage Tank: Provincial FST

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

Government Publication Date: 2010-Nov 2015

Fuel Storage Tank - Historic: Provincial FSTH

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

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-May 2015

Greehouse 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: Dec 31, 2013

TSSA Historic Incidents: Provincial HINC

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

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

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

Government Publication Date: June 2009 - Nov 2015

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: 2012

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-Apr 2013

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: 1994-2013

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-Aug 2010

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 Wells: Federal NEBW

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: 1993-2013

Oil and Gas Wells: Private OGW

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

Government Publication Date: 1988-2015

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Aug 2015

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-Jan 2016

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

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 Environment maintains a database of all manufacturers and vendors of registered pesticides.

Government Publication Date: 1988-Jun 2013

TSSA Pipeline Incidents: Provincial PINC

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

Government Publication Date: June 2009-2014

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-Jan 2016

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: 1986-2013

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2016

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Jul 2014

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Jun 2015

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-2013

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970-Mar 2007

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Current to Nov 2015

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: 1970-Jun 2015

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: 1955-Mar 2014

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.

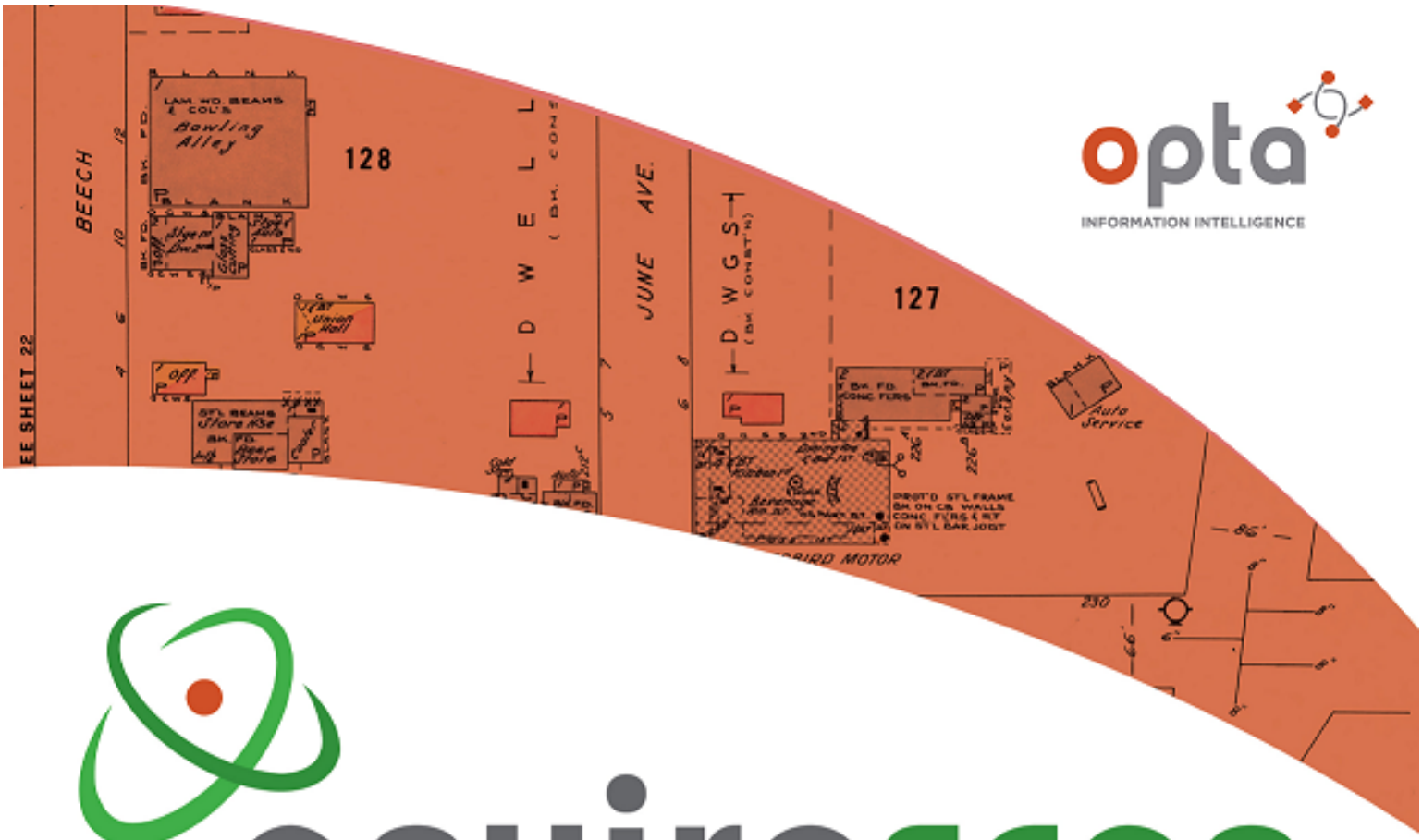
'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'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 were included as reference.



opta
INFORMATION INTELLIGENCE

enviroscan

An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

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

Report Completed By:

Catherine

Site Address:

1090 Cummings Avenue Gloucester ON Canada

Requested by:

Adrian Menyhart
Paterson Group

Project No:

PE3839

Opta Order ID:

28044

Date Completed:

7/6/2016 9:07:40 AM

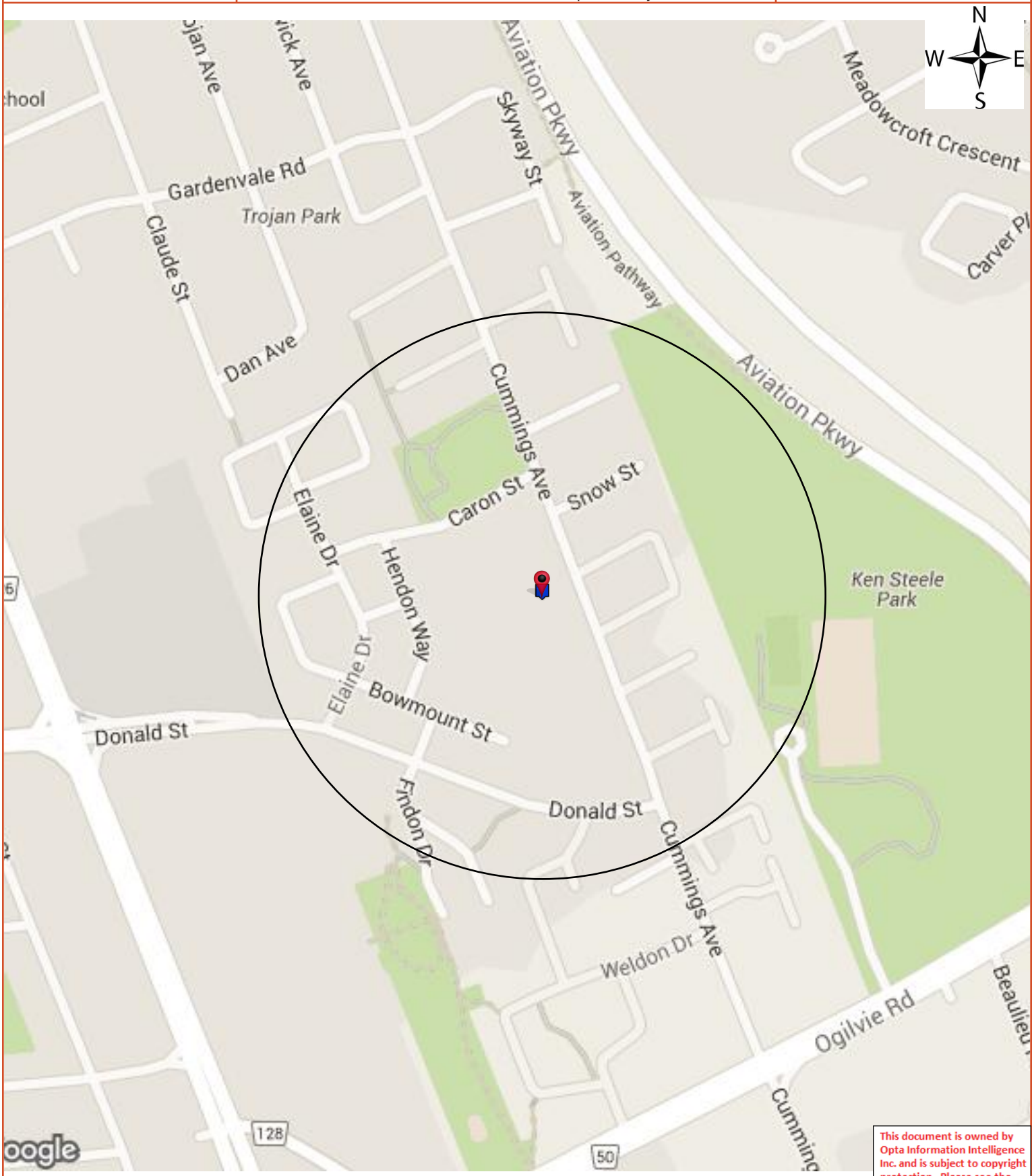
Project #: PE3839
P.O. #: 20057

ENVIROSCAN Report

Search Area: 1090 Cummings Avenue Gloucester ON Canada

Requested by:
Adrian Menyhart
Date Completed: July 6, 2016 07:7:40

enviroscan
OPTA INFORMATION INTELLIGENCE



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Opta Historical Environmental Services Enviroscan TM
Terms and Conditions

Report

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

Disclaimer

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

Entire Agreement

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

Governing Document

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

Law

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

Project #: PE3839
P.O. #: 20057

ENVIROSCAN Report

Report Index

Requested by:
Adrian Menyhart
Date Completed: July 6, 2016 09:07:40

OPTA INFORMATION INTELLIGENCE

Page	Report Title
5	(1979) Siteplan Report - 1979 Vandenbelt Metal Works LTD 1090 Cummings Avenue Gloucester ON K1J7R8 (distance = 0 metres*)
7	(1984) Siteplan Report - 1984 1090 Cummings Avenue Gloucester ON K1J7R8 (distance = 0 metres*)
9	(1981) Commercial property fire inspection survey Report - 1981 1090 Cummings Avenue Gloucester ON K1J7R8 (distance = 0 metres*)

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Project #: PE3839
P.O. #: 20057

ENVIROSCAN Report

Siteplan Report - 1979 Vandenbelt Metal Works LTD
1090 Cummings Avenue Gloucester ON K1J7R8

Requested by:
Adrian Menyhart
Date Completed: July 6, 2016 09:07:40

OPTA INFORMATION INTELLIGENCE

Siteplan Report - 1979 Vandenbelt Metal Works LTD 1090 Cummings Avenue Gloucester ON K1J7R8

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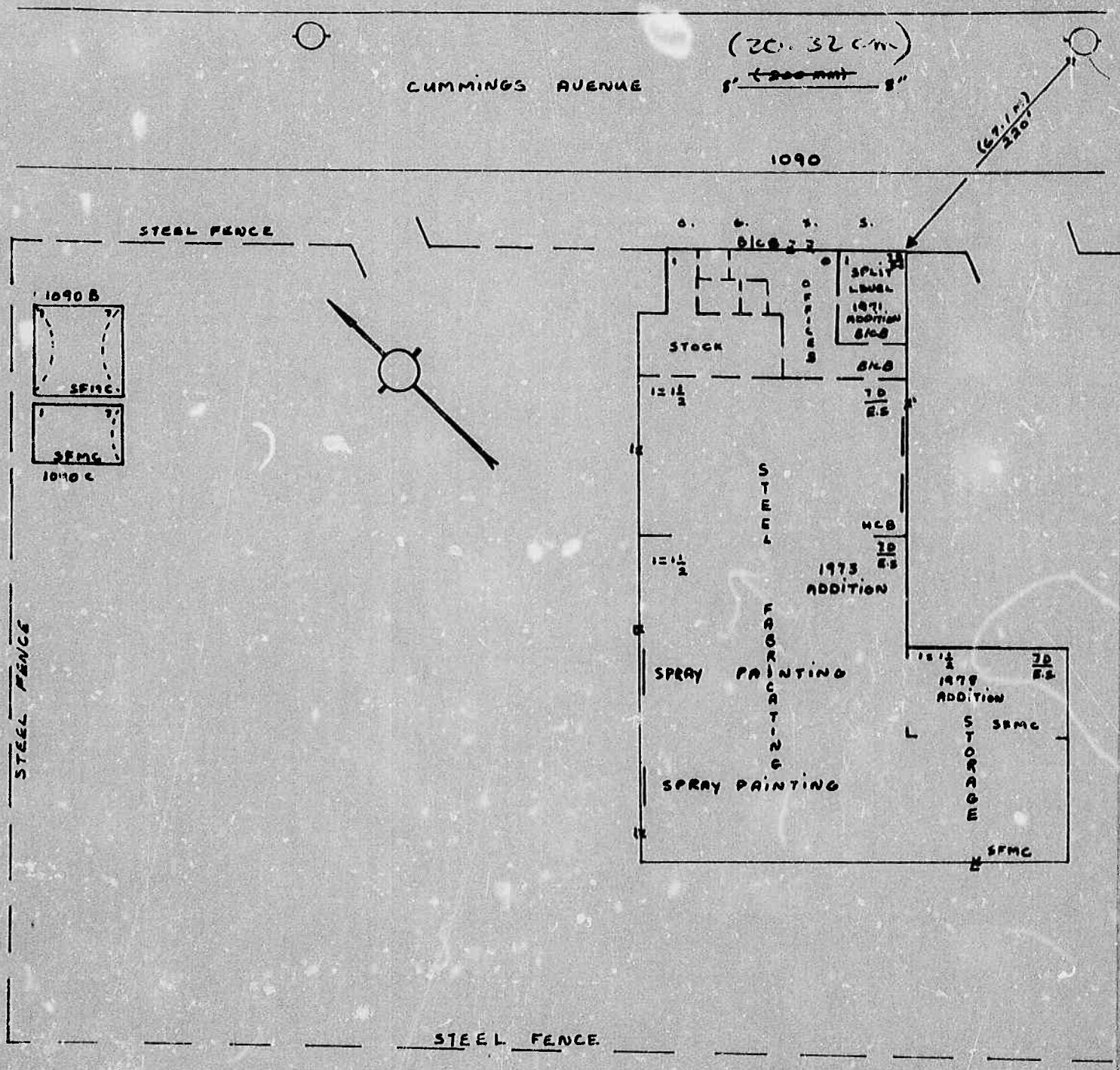

FILE NO. V3695

VANDENBELT METAL WORKS LIMITED,
1090 CUMMINGS AVENUE,
GLOUCESTER, TOWNSHIP

Sheet: NOP Block: NOP Scale: 1" = 60'

INSURERS' ADVISORY ORGANIZATION
ONTARIO

Date: APRIL 12, 1979 Field Rep.: C. LAFLEUR

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Siteplan Report - 1984 1090 Cummings Avenue Gloucester ON K1J7R8

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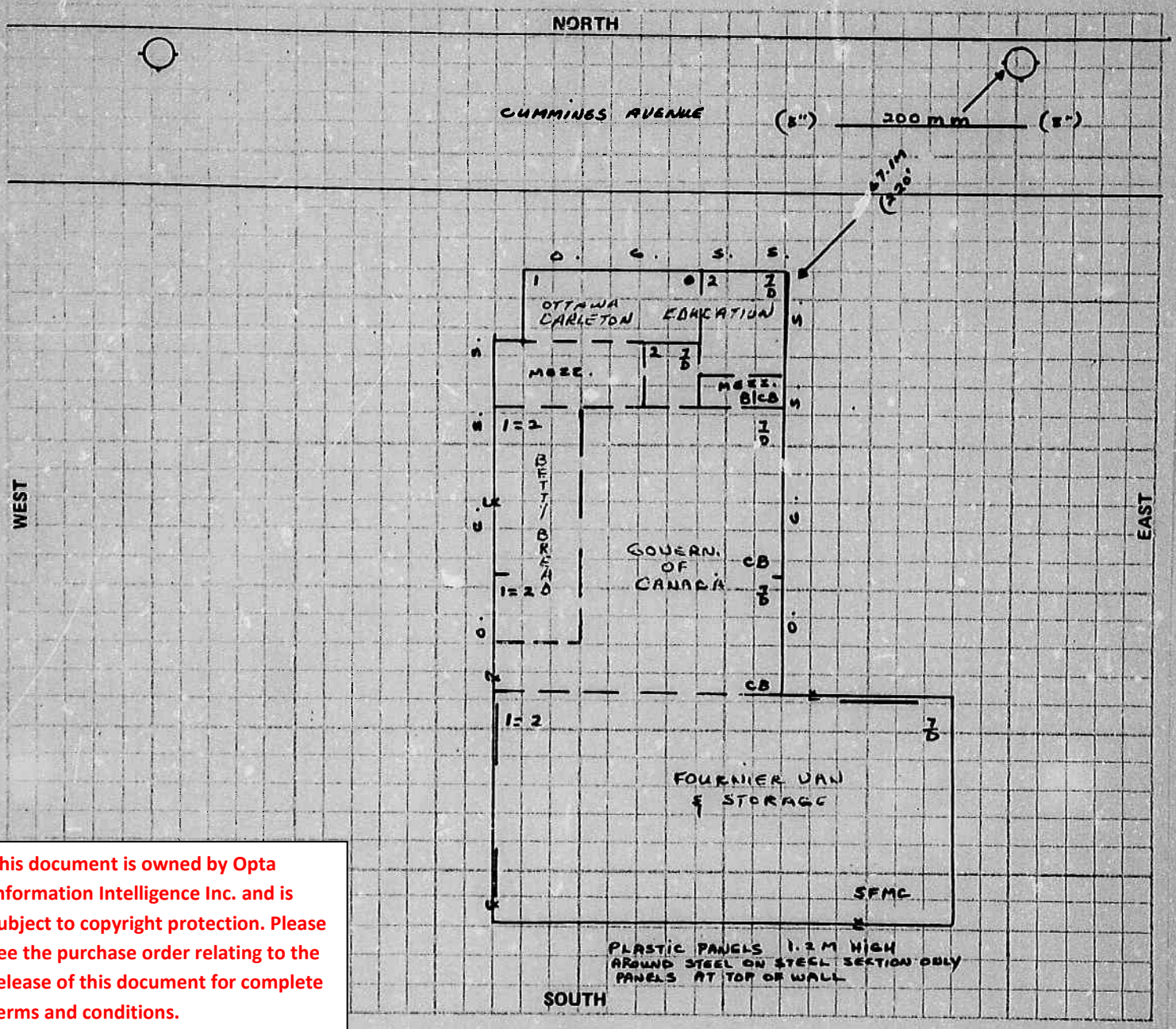
DIAGRAM IAO PLAN: Sheet No. NOF ; Block No. NOF ; Plan No. _____ ; NOP (✓); Scale: 1cm = 6m (✓) 1cm = 12m ( )



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EXPOSURE - (SECTION VIII)

WALL OF BUILDING BEING RATED					BETWEEN BLDGS.		FACING WALL OF EXPOSURE						
Direction	Blnk.	Comb. & Non-Comb	Msnry. Up	Msnry. Sp	Distance	Party Wall	Blnk.	Msnry. Sp	Msnry. Up	Non-Comb.	Comb.	Occ'y Haz.	Length/ Height
NORTH			✓		39.6M						✓	L2	
SOUTH			✓		48.8M						✓	L2	
EAST			✓		91.5M				✓			H	
WEST			✓		57.9M					✓		M3	

Requested by: Federation Sun Alliance

Sig. Of Insp. Charles Laflen

Dt. Dec 16/81 (Inspected) / Dec 17/81 (Written Up)

Report Date: Nov. 5/81 (Dt. Request Recd. In IAO Service Office)

Revised By: C Laflen

Dt. Aug 20/84 / Aug 21/84

ONT. 2000c - 9/81

Commercial property fire inspection survey Report - 1981 1090 Cummings Avenue Gloucester ON K1J7R8

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INSURERS' ADVISORY ORGANIZATION OF CANADA

ONTARIO REGION

☑ Mercantile Risk
☐ Miscellaneous Risk

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM

(Use this form for all Non-Manufacturing risks, and some Manufacturing risks with five hands or less, of all construction, but excluding Sprinklered properties)

Address : No. 1090 Street/Road Etc.. CUMMINGS AVENUE
Municipality GLOUCESTER TOWNSHIP, ONTARIO (Formerly)
Owned by: Sarak Shinder; Leighton Occupied by: tenants
Age of building (Built in) 1962: : . Additions (built in) 1971 : 1973 : 1978 : : .
Is building completely finished & out of workmens hands? Yes(☑); No (☐) IBC Code: Terr: 64 Ind: 506 Cons: 6 Prot: 4

BASIC CONSTRUCTION - (SECTION II)

- EXTERIOR WALLS:

NSEW NSEW ~~NSEW~~ NSEW NSEW
(Refers to compass point direction of wall, i.e. North, South, East or West)

☐ INDEPENDENT ☐ BEARING ☒ NON-BEARING ☐ PARTY ☐ PARAPET

(Describe material & thickness of all walls including make-up of combustible walls & any fire retardant impregnation. Also, check off appropriate wall supports below:)
41% 20.3cm concrete blocks and 30.5cm Brick on concrete blocks
59% steel on steel noted metal on frame due to partially protected foam plastic finish attached to steel on steel section

COLUMNS OF WOOD (☐); HEAVY WOOD (min. 150mm x 300mm) (☐); UNPROTECTED STEEL (☑); PROTECTED STEEL (☐), protected by _____ having a fire-resistance rating of _____ hrs.
PANELS of Non-Combustible material or GLASS (☐); COMBUSTIBLE (☑) (describe) Plastic Panels 1.2m high in the steel on steel section only.
Wall: N. 18 % S. 20 % E. 8 % W. 8 %

- FLOORS & ROOF: (Describe Floor & Roof Materials Including Thickness & Nature Of Supports)

Floor Level	% Aut. Spk. Sec	Fire Resistive & Masonry	Fire Res. in Hrs.	Non-Combustible	Combustible
Grade	0%	Poured Concrete	3		
2nd	0%				✓ wood on steel w/o steel joist
Roof	0%			✓ Class II Steel deck	

COMBUSTIBLE FLR. on Lowest BASEMENT Level: Yes (☐); No (☑). If Yes, Describe & Give Percentage - _____

SECONDARY CONSTRUCTION - (SECTION III)

- HEIGHT: (Nbr.) 2 1 Storeys High; Basement: Yes (☐); No (☒). (Nbr.) 1 Combustible Storeys Without Ground Level Access.
- VERTICAL OPENINGS: Elevators (☐); Stairs (☑); Other (☐) (describe) _____.

(Describe Construction & Type of Enclosure (s) & Door (s) Fully)

Elv., S'way or Other	Nbr.	From:	To:	ENCLOSURE(S)	DOOR(S)
Stair	2	1ST	2ND	open stairways	N/C

- AREA: Basement : x ; x ; x = m²
1st. Floor : 48.8 x 18.3 ; 30.5 x 25.0 ; 27.4 x 7.6 = 1863.78 m²
2nd. Floor : 10.7 x 7.9 ; 6.1 x 6.7 = 125.40 m²
3rd(& Other): x ; x ; x = m²
Separation Walls (☐) (describe) —. Total Area 1989.18 m²
EFFECTIVE AREA: 1,989.2 m²

- ROOF SURFACE: Non-Combustible (☐) (describe) _____. Combustible (☐) (describe) _____.
Patent (✓). FALSE ROOF over Masonry or Fire Resistive Roof ( ) (describe) _____.

- COMBUSTIBLE CONCEALED SPACES: Combustible Space In Roof(☐), &/or Ceiling(☐). If In Roof, Is This An Attic(☐), Cut Off(☐), Shut Off(☐), With Access Limited By Trap(s)/Hatchway(s)(☐). In Proportion To Total Roof/Ceiling Area COMBUSTIBLE CONCEALED SPACE Comprises — % In ROOF &/or — % In CEILING. Describe —.

- continued -

- COMBUSTIBLE INTERIOR CONSTRUCTION: Floor Surfacing (✓) (describe & give % of total floor area affec 10%, 1st & 2nd
  Partitions/Walls (✓) (describe & give % of total interior wall are GYPROC, CB Partitions
  Mezzanines/Decks (✓) (describe & give % of total area of floors & roof) Steel on Steel mezzanine floors = 7%

- INTERIOR FINISH or INSULATION: (Specify Where SPECIAL DAMAGE Materials Are Used)

Specify FLOOR	1ST						2nd.
Walls:	4% WJS, 12% Bare FOAM on Steel, 11% GYPROC over FOAM, CB						GYP/CB
Ceiling:	OPEN Steel, AMT, GYPROC, CB.						AMT, GYP.
Interior Partitions	GYPROC, CB.						GYP & CB.
Smoke Developed							
Flame Spread							

Ordinary Damage Materials Attached To Fire Resistive or Non-Combustible Walls ( ) and/or Ceiling ( )

- COMB. EXTERIOR ATTACHMENTS OR FINISH: Attachments ( ) Comprise Of (describe & give chargeable %) —
  Finish ( ) Comprises Of (describe & give chargeable %)
  Smoke Developed - 200 or Less ( ); Over 200 ( ); Flame Spread Rating
  None Of The Above ( ). Are Attachments/Finish Attached/Applied To Fire Resistive or Non-Comb., Walls or Roof? Yes ( ); No ( ).

- BUILDING CONDITION: Moderate (✓), Major ( ), Extreme Deficiencies ( ). Describe Sub-Standard Structural Conditions

COMMON HAZARDS - (SECTION VII, Items 720-724)

- HEATING:
  Building Heated? Yes (✓); No ( ). Borrowed Heat ( ). Describe Heating System Including Controls & Fuel Used:
  ① Central hot air & 7 susp hot air gas ceiling units
  Describe Chimney(s) & Deficiencies If Any:

- ELECTRICAL: FUSES: Type "S" ( ); Type "C" & Rejector System ( ); Circuit Breakers (✓); ORDINARY ( ); Used Exclusively ( ).
  Aluminum Wiring ( ); Rigid Conduit (✓); Other ( ) (describe) . Open ( ).
  Electrical Equipment Defects: None (✓); Minor ( ); Moderate ( ); Major ( ); Serious ( ). Describe Condition:

- HOUSEKEEPING: See General Underwriting Comments Section (Page 3)

MUNICIPAL PROTECTION - (SECTION IX)

- FIRE DEPARTMENT: Risk Within 2.5 km Of Nearest Fire Hall? Yes (✓); No ( ). If No - State Distance To Fire Hall: km.

- HYDRANTS: Two Hydrants Within 155m of Risk? Yes (✓); No ( ). And All Parts Of Building Within 155m Of At Least One Hydrant? Yes (✓); No ( ). MAINS - 150mm ( ); 200mm (✓); 300mm ( ). Other (describe)
  Circulating ( ); and/or Dead End ( ) Mains. Describe Deficiency (if any):

- ACCESSIBILITY: Risk Accessible At Least On One Side By Street 15m In Width? Yes (✓); No ( ). If No - Describe

- CONGESTED AREA: Congested/Conflagration Hazard Prevails? Yes ( ); No (✓). If Yes, Describe Under General Underwriting Comments.

- PRIVATE PROTECTION: Is There Exclusive Private Protection ( ), Or Supplement To Municipal Protection ( ). Describe
  NO

INTERNAL PROTECTION - (SECTION XI)

- MANUAL FIRE FIGHTING EQUIPMENT: Standard ( ); Non-Standard (✓). (See Occupancy Section, page 3).

- WATCHMAN SERVICE: Standard ( ), Including Proprietary Supervision ( ), Including Central Station Supervisory Ser. ( ).
  Describe:

- AUTOMATIC FIRE DETECTION SYSTEM: Full Protection ( ); Partial Protection (i.e. Minimum Requirements) ( ); Describe (& Attach Form No. 2184-6/80, for Automatic Fire Alarm Detection Systems, After Completion)
  NIL

- PARTIAL AUTOMATIC SPRINKLER SYSTEMS: Acceptable Waterflow Alarm To Approved CENTRAL STATION ( ). No Such Alarm ( ). Total area Protected by Automatic Sprinklers Comprises M². NIL

- OTHER LIMITED AUTOMATIC FIRE PROTECTION SYSTEMS: (Other Than A.S.) Area Protected by: HALON ( ); CO_2 ( ); HIGH EXPANSION FOAM ( ); Other (describe)
  NIL, Comprises m².

- continued -

- continued

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM
OCCUPANCY & SPECIAL HAZARDS - (SECTIONS IV, V, VI & VII)

- SEPARATED OCCUPANCY: Is There Any Occupant(s) Cut-Off VERTICALLY ☐ /HORIZONTALLY ☐? Yes ☐; No ☑.
If Yes - Such Occupant Occupies _____ m^2, Comprising _____ % Of The Total Floor Area;
Describe: _____.

OCCUPANCY DETAILS: Indicate; 1) Business Name Of Each Tenant, 2) Special Hazards Including Process Operation(s) And Faults Of Management, 3) Number, Type and Location Of Manual Fire Fighting Equipment, 4) Any Other Exceptional Features Of The Risk Not Discussed Elsewhere, and 5) Any Vacant Section(s).

CIVIC NO.	FLOOR LEVEL	AREA (m^2)	IBC IND. CODE	
1090	Grade	558 m^2	506	Baked goods - Bread, cakes, and overnight vehicle storage - no work.
1090	Grade & 2ND	1431.2 m^2	~~55~~	Possible 3 M^3 occupancies in vacant areas.
Total Floor Area		1989.2	506	← (Building Owner's Interest) · Continued on attached sheet ☐ -

GENERAL UNDERWRITING COMMENTS

- HOUSEKEEPING & MAINTENANCE: Excellent ☐; Good ☐; Average ☑; Poor ☐ (describe) _____

- NEIGHBOURHOOD: Isolated ☐; Residential ☐; Commercial ☑; Industrial ☐; Congested/Conflagration Hazard ☐ (describe) _____

- OPINION OF RISK: Excellent ☐; Good ☐; Average ☑; Poor ☐ (describe) _____

- continued -

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

Adrian Menyhart
P.Eng.
Ing.

patersongroup

Environmental Engineering

Geotechnical Engineering

Materials Testing Quality Control

Building Sciences

Hydrogeology

Archaeological Services

POSITION

Environmental Engineer

EDUCATION

Carleton University, B.Eng., 2011
Environmental Engineering

EXPERIENCE

2011 to Present:
Paterson Group Inc.
Consulting Engineers
Environmental Division
Environmental Engineer

2009-2011 (summers)
Canadian Food Inspection Agency
Federal Government – Ottawa
Inspector

SELECT LIST OF PROJECTS

Remediation Supervision – Ottawa Arts Gallery
Remediation Supervision – Rideau Centre Expansion
Remediation Supervision – Carling Avenue, Ottawa
Remediation Supervision – Tall Ships Landing, Brockville
Remediation Supervision – Commercial Development, Elgin Street - Ottawa
Phase I & II ESA – Former Mine, Bristol Quebec
Designated Substance and Asbestos Surveys – Various Locations, Ottawa
Asbestos Air Testing – Various Locations, Ottawa
Mould Air Testing – Various Locations, Ottawa
Groundwater Monitoring and Sampling – Various Location, Ottawa
Phase I & II ESA – Various Locations, Ontario and West Quebec

Mark S. D'Arcy, P. Eng.

patersongroup

POSITION

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

EDUCATION

Queen's University, B.A.Sc.Eng, 1991
Geotechnical / Geological Engineering

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario
Consulting Engineers of Ontario

EXPERIENCE

1991 to Present
Paterson Group Inc.
Associate and Senior Environmental/Geotechnical Engineer
Environmental and Geotechnical Division
Supervisor of the Environmental Division

SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island
Rideau Centre Expansion project - Ottawa
Agricultural Supply Facilities - Eastern Ontario
Laboratory Facility – Edmonton (Alberta)
Ottawa International Airport - Contaminant Migration Study - Ottawa
Investigation and Remediation – Cotton Mill Redevelopment, Cornwall
Billings Hurdman Interconnect - Ottawa
Bank Street Reconstruction - Ottawa
Environmental Review – Various Laboratories across Canada - CFIA
Dwyer Hill Training Centre – Ottawa
Nortel Networks Environmental Monitoring - Carling Campus – Ottawa
Remediation Program - Block D Lands – Kingston
Investigation of former landfill sites – City of Ottawa
Record of Site Condition for Railway Lands – North Bay
Assessment and Remediation - North Bay Airport
Commercial Properties – Guelph and Brampton
Brownfields Remediation – Alcan Site - Kingston
PWGSC Building – 90 Elgin Street - Ottawa
Remediation Program - Ottawa Train Yards
MHLH Facility – CFB Petawawa
Ottawa Congress Centre
Lansdowne Park Redevelopment - Ottawa

Environmental Engineering

Geotechnical Engineering

Materials Testing Quality Control

Building Science

Hydrogeology

Archaeological Services