

**PHASE I ENVIRONMENTAL
SITE ASSESSMENT**

**180 ONTARIO STREET
COLLINGWOOD, ONTARIO**

**PREPARED FOR:
2374515 ONTARIO CORPORATION**

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1.0 EXECUTIVE SUMMARY

C.F. Crozier & Associates Inc. (Crozier) was retained by 2374515 Ontario Corporation (the "Client") to conduct a Phase I Environmental Site Assessment (ESA) of 180 Ontario Street, Collingwood, Ontario (the "Site"). The location of the Site and its surroundings are illustrated on **Figures 1 and 2, Appendix A**.

Crozier was advised by the Client that the Phase I ESA was required for environmental due diligence purposes in support of proposed property re-development for residential property use. The Site currently operates as a pre-school. Thus, the property use of the Site under Ontario Regulation 153/04 (*Records of Site Condition*) (O.Reg. 153/04) is Institutional. Institutional and Residential property uses have the same sensitivity under O.Reg. 153/04. As no change in property use to a more sensitive property use is planned, there is no requirement at the Provincial level to file a Record of Site Condition (RSC). As such, the Phase I ESA was conducted in general accordance with the Canadian Standards Association (CSA) Standard Z768-01 (R2022) *Phase I Environmental Site Assessments*.

The purpose of this Phase I ESA was to identify and document any actual or potential sources of environmental contamination associated with the Site and its surroundings. A Phase I ESA is a preliminary study in which it is sufficient to only assess those liabilities which can be documented by a visual inspection of the property and review of available sources of information relevant to the Site. The Phase I ESA does not include sampling or testing of air, soil, groundwater or building materials. These analyses would be conducted in a Phase II ESA or a Designated Substance and Hazardous Materials Survey, if warranted.

The Site is located on the south side of Ontario Street approximately 275 m northeast of its intersection with Hurontario Street. The Site is currently occupied by a single-storey building used as a pre-school, playground and accompanying parking areas. Grade is relatively flat with a slight slope to the north. Surrounding properties are residential to the northwest, east and south. A police station is present to the north and a communications tower, paramedic station and a cold storage warehouse are present to the west.

Conclusions

Based on the information obtained and research conducted as part of this Phase I ESA, no evidence of actual environmental contamination was found. Potential sources of impacts to the environmental quality of the Site include:

- A rail spur formerly ran north-south through the Site and a second rail line was located along the western boundary of the Site;
- Regent Oil Co. operated a bulk fuel terminal in the northern portion of the Site in at least the mid-1950's;
- The Site was a Collingwood Public Utilities Commission facility from c. 1966 to 1998 and was registered as generating waste classes relating to waste oil (inferred vehicle maintenance);
- A transformer compound is located immediately south of the Site and is believed to have been in operation since c. 1966; and
- An oil-filled transformer is located along the east wall of the on-Site building.

Crozier recommends that a Phase II ESA be undertaken at the Site to address these potential issues.

PCBs may be present in the ballasts of the original fluorescent light fixtures that are present above the present day suspended ceiling in the southern portion of the on-Site building.

Although vinyl floor tiles were observed in limited areas in the southern portion of the on-Site building, the probability of them containing asbestos is considered to be low given that the building was extensively renovated c. 1998. Given that the on-Site building was constructed c. 1966, lead-based paints may be present where the original paint remains. These potential issues should be addressed by a designated substances survey/abatement, as warranted.

This Executive Summary provides a brief overview of the Phase I ESA findings. It is not intended to be a substitute for the complete report, nor does it detail specific issues discussed within the report. This summary is not to be adopted in lieu of reviewing the complete report and is subject to the same limitations contained in this report.

2.0 INTRODUCTION

C.F. Crozier & Associates Inc. (Crozier) was retained by 2374515 Ontario Corporation (the Client) to conduct a Phase I Environmental Site Assessment (ESA) of 180 Ontario Street, Collingwood, Ontario (the "Site"). The location of the Site and its surroundings are illustrated on **Figures 1 and 2**, all figures are presented in **Appendix A**.

Crozier was advised by the Client that the Phase I ESA was required for environmental due diligence purposes in support of proposed property re-development for residential property use. The Site currently operates as a pre-school. Thus, the property use of the Site under Ontario Regulation 153/04 (*Records of Site Condition*) (O.Reg. 153/04) is Institutional. Institutional and Residential property uses have the same sensitivity under O.Reg. 153/04. As no change in property use to a more sensitive property use is planned, there is no requirement at the Provincial level to file a Record of Site Condition (RSC). As such, the Phase I ESA was conducted in general accordance with the Canadian Standards Association (CSA) Standard Z768-01 (R2022) *Phase I Environmental Site Assessments*.

The purpose of this Phase I ESA was to identify and document any actual or potential sources of environmental contamination associated with the Site and its surroundings. A Phase I ESA is a preliminary study in which it is sufficient to only assess those liabilities which can be documented by a visual inspection of the property and review of available sources of information relevant to the Site. The Phase I ESA does not include sampling or testing of air, soil, groundwater or building materials. These analyses would be conducted in a Phase II ESA or a Designated Substance and Hazardous Materials Survey, if warranted.

The findings presented in this report may be used subject to the qualifications stated under Section 9.0. No other party shall have the right to rely on any service provided by Crozier without prior written consent. Use of this report by any other party shall be at such party's sole risk.

3.0 SCOPE OF INVESTIGATION

The scope of work was conducted in general conformance with Crozier's email proposal dated November 21, 2023. As part of this Phase I ESA, Crozier conducted historical and regulatory records research, a visual inspection of the Site and observations of the surrounding properties from publicly accessible areas and interviews with a Site Representative.

The scope of work included the following tasks:

- Conducted a review of reasonably accessible records pertaining to the current use and all past uses of the Site, such as fire insurance plans, a Ministry of the Environment, Conservation and Parks (MECP) Freedom of Information (FOI) request, and Site operating records (i.e., permits, MSDS, underground utility drawings, inventories of tanks, records of spill/discharges, etc.).
- Made all reasonable inquiries to obtain and review accessible information within 250 m of the Site, such as National Pollutant Release Inventory records, records of PCB storage or waste generating sites, environmental compliance approvals, environmental incidents, waste management records, Areas of Natural Significance, TSSA tank records, landfill records, aerial photographs, topographic and geologic maps, Water Well Records, etc.
- Completed a detailed Site Reconnaissance and interview with a Site Representative familiar with the existing and historical Site activities. Where applicable, the interview included topics such as Site use and operations, material/waste handling and storage, production, air emissions, water use, wastewater discharge, hazardous material handling, above and underground storage tanks, etc.
- Reviewed available previous environmental, hydrogeological, and/or geotechnical reports, if applicable.
- Prepared this Phase I ESA report containing the information obtained and any identified issues of potential environmental concern.

3.1 SITE AND VICINITY CHARACTERISTICS

3.2 Site Location & Description

The Site is located on the south side of Ontario Street approximately 275 m northeast of its intersection with Hurontario Street. The Site is currently occupied by a single-storey building used as a pre-school, playground and accompanying parking areas. Grade is relatively flat with a slight slope to the north. Surrounding properties are residential to the northwest, east and south. A police station is present to the north and a communications tower, paramedic station and a cold storage warehouse are present to the west. The Site has an area of approximately 5,235 m² (0.52 ha).

Table 1: Site Description

Item / Topic	Details
UTM Centroid Coordinates	Easting: 562700, Northing: 4927735 (Zone 17T)
Legal Description	Parts 1 - 4, Registered Plan 51R-26401, Part of North Half of Lot 43, Concession 8 (Formerly Township of Nottawasaga), Town of Collingwood, County of Simcoe
Approximate Site Area	5,235 m ² (0.52 ha).
Current Owner	2374515 Ontario Corporation
Current Zoning	DR (Deferred Development Residential)

3.3 Site Improvements

The Site is occupied by a single storey, slab on grade building in the west-central portion of the Site, a driveway and L-shaped parking area in the eastern and southern portions of the Site and a lawn and enclosed playground in the northwestern portion of the Site.

A ditch runs north-south along the eastern boundary and is believed to be underlain by a twin culvert storm sewer based on a creek south of the Site entering two culverts near the southern Site boundary and the presence of a large grate in the ditch near the northern Site boundary.

A pad-mounted Moloney Electric transformer is located along the east wall of the on-Site building near its northeastern corner. Based on the serial number and type of construction, the transformer was manufactured in 2003, is certified PCB non-contaminated and contains Type II mineral oil. No visible leakage or staining was observed on the concrete pad underneath the transformer.

A concrete pad measuring approximately 1.7 m x 4.9 m is present south of the southwestern portion of the on-Site building. No bolt holes or other features consistent with the past presence of an aboveground storage tank (AST) were observed. The pad may have been for dumpsters.

The building was renovated from a Collingwood Public Utilities Commission building to an adult education centre c. 1998 and a suspended ceiling was installed in the main (southern) portion of the building. Older fluorescent light fixtures were observed above the suspended ceiling. As the building was constructed c. 1966, the ballasts in these lamps could contain PCBs.

An above grade monitoring well, Well Tag No. A237148, is located near the northeastern corner of the Site and a flushmount monitoring well was observed in the southwest corner of the rear parking area. The southeast corner could not be inspected due to a pile of snow and sand. Well Tag No. A237148 is not included in the MECP's WWR database. Based on the dates of registration for the preceding and following wells, this well would have been drilled in late 2017/very early 2018.

Table 2: Site Improvements

Item / Topic	Details
Buildings On-Site	Single storey, slab-on-grade building with cinder block main area and brick-faced office area on the north side.
Date of Construction / Major Renovations	c. 1966 based on an aerial photograph showing the Site under construction while apparently also in use. Renovation from Collingwood Public Utilities Commission building to an adult education centre c. 1998 (waste generator registration for the Collingwood Public Utilities Commission ends in 1998).
Subsurface levels	Not applicable
Heating / cooling	Gas-fired, roof-mounted HVAC.
Emergency generators	Not applicable
Utility Providers	Water: Town of Collingwood Electricity: Edcor Stormwater: primarily overland flow to a ditch along the eastern boundary. A catchbasin is present in the southern parking lot. Sanitary: Town of Collingwood Gas: Enbridge

Additional observations and Site Reconnaissance information are further discussed in Section 7.0. Photographic documentation of the Site is presented in **Appendix B**.

3.4 Site Operations

The Site is occupied by a pre-school and associated parking areas.

3.5 Current Uses of Adjacent Properties

The adjacent properties to the Site and Property were observed from the Site or from publicly accessible areas for indications of environmental concerns and their potential to pose an environmental risk to the Site.

The information on these properties is summarised in Table 3 and illustrated on **Figure 2**:

Table 3 Current Uses of Adjacent Properties

Direction	Property Use	Address	Concerns
North	Ontario Street followed by a police station	201 Ontario Street	None
South	Transformer station followed by Residential	180 then 184 Ontario Street	None
East	Residential	210 to 220 Minnesota Street	None
West	Transmission line and walking trail. Communications tower and paramedic station (#195), food industry building (#201)	195 and 201 St. Paul Street	None

Additional information regarding surrounding properties is listed in the Environmental Risk Information Services (ERIS) database report (**Appendix C**) and is further detailed in Section 5.4.

3.6 Physical Setting Sources

3.6.1 Topography

As shown on the Ontario Natural Heritage Topographic Map (**Appendix E**), grade at the Site is relatively flat with a gentle slope to the northwest. Grade elevation at the Site is approximately 185 metres above mean sea level (mAMSL).

3.6.2 Surface Water

The Site is located in the South Georgian Bay Shoreline Watershed. The nearest surface water body is Collingwood Harbour, located approximately 600 m northwest of the Site.

3.6.3 Surficial Geology

According to ORMGP, 2023, shallow soil at the Site consists of coarse-textured glaciolacustrine sediments. This is consistent with local Water Well Records (WWRs; Section 3.6.5).

3.6.4 Bedrock Geology

According to ORMGP, 2023, bedrock beneath the Site is the limestone of the Lindsay Formation. Local WWRs (Section 3.6.5) indicate that depth to bedrock in the vicinity of the Site is approximately 1.2 to 3.6 m.

3.6.5 Groundwater

The Site is located within the area covered by the Nottawasaga Valley Source Protection Area. The Site is not located within a Wellhead Protection Area ("WHPA"), an Intake Protection Zone ("IPZ") or a Significant Groundwater Recharge Area ("SGRA"). The Site is located above a Highly Vulnerable Aquifer ("HVA", score = 6).

Shallow groundwater in the vicinity of the Site is inferred to follow topography and flow northwest towards Collingwood Harbour. Actual local groundwater flow direction can also be influenced by factors such as underground structures, seasonal fluctuations, soil and bedrock geology, and production wells, none of which were considered during this study.

A review of the MECP database of WWRs within 500 m of the centroid of the Site (none are located within 250 m of the Site) (**Table G-1, Appendix G**) indicates:

- A total of 33 WWRs were identified. Of these, one is an abandonment record for a monitoring well, two are for air conditioning wells, 23 are for monitoring wells/test holes and seven are of unknown use. The latter seven wells were drilled in 2007 or later and are inferred to be monitoring wells.
- Reported shallow stratigraphy generally consisted of sand or silty sandy gravel with silt present beneath the sand to gravel at isolated locations.
- The water table is relatively shallow (1.2 to 4.6 mBGS).
- Limestone bedrock was encountered at depths ranging from 1.2 to 3.6 mBGS.

4.0 HISTORICAL RECORDS REVIEW

Past land uses for the Site and surrounding properties were assessed to identify historical practices or conditions that may be a source of potential environmental concern to the Site.

This was accomplished by reviewing historical information from several sources including but not limited to interview(s) with Site Representative(s), and review of historical information obtained from regulatory sources, aerial photographs, fire insurance plans, city directories, and topographic maps. Specific historical sources reviewed for this project are presented in the following table.

Table 4: Historical Records Review

Sources of Information	Years Reviewed
Aerial Photographs	1954, 1966, 1978, 1989, 1997, 2007, 2011, 2013, 2016, 2023
Topographic and ANSI Maps	2023
Fire Insurance Plans / Insurers' Advisory Organization (IAO) Report	1917, 1955
City Directories	1998, 1999, 2012, 2017 and 2021.
Historical Reports	Refer to Section 4.2 for details.
Land Title Records	Not requested given the extent of documentation available from other sources.

The applicable search distance for the records review included the Site and neighboring properties up to 250 m from the Site boundaries.

4.1 Aerial Photographs

Crozier reviewed historical aerial photographs (presented in **Appendix B**) of the Site and surrounding areas. A summary of information from a review of the aerial photographs is presented in Table 5.

Table 5: Aerial Photographs Review

Year	Description	Concerns
1954	Poor resolution. Railway spurs from the north connect to the rail line west of the Site with one spur running through the Site.	Fill of unknown quality, petroleum hydrocarbons, ash/coal deposition.
1966 (included in GAL, 2017)	The Site appears to be under construction but may be in service as vehicles or equipment are located to the rear of the building. 195 St. Paul Street is occupied by a dwelling. The building at 201 St. Paul Street is present.	Vehicle and electrical equipment storage/maintenance on-Site.
1978	The on-Site building and the building at 201 St. Paul Street are present. An addition has been built onto the northeastern portion of the building at 201 St. Paul Street. 195 St. Paul Street and 201 Ontario Street are vacant. Surrounding residential development is generally similar to present-day conditions.	No additional concerns.

Year	Description	Concerns
1989	Buildings are now present at 195 St. Paul Street and 201 Ontario Street. Equipment and/or vehicles are present at the rear of the on-Site building. The railway line/spurs have been dismantled.	Fuel tanks/outlet at 201 Ontario Street (Section 5.3.2).
1997	The building at 201 Ontario Street has been expanded, including the addition of at least a partial second floor. The rear of the on-Site building is now used as a vehicle parking lot.	No additional concerns.
2007	Conditions similar to 1997.	No additional concerns.
2011	Conditions similar to 2007.	No additional concerns.
2013	Conditions similar to 2011.	No additional concerns.
2016	Conditions similar to 2013 with the exception of a rectangular area of replacement paving at the rear of the Site.	No additional concerns.
2023	Conditions similar to 2016 with the exception of what appears to be sand covering the southern part of the on-Site rear parking lot.	No additional concerns.

4.2 Previous Environmental Reports

GAL, 2017 consists of a heritage impact assessment for a proposed expansion of the paramedic station at 195 St. Paul Street, i.e., west of the northern portion of the Site. It was the source for the 1966 aerial photograph cited previously. In addition, GAL, 2017 included an extract from H. Brosius' "Bird's Eye View of Collingwood", 1875 which documented the presence of a two-storey windowless building with a small third floor with windows or vents in the northwestern portion of the Site alongside the CN rail line. This building is expected to have been a grain elevator or freight warehouse.

4.3 Prior Ownership

A record of chain of title for the Site was not obtained due to the extent of documentation available from other sources.

4.4 City Directories

The results of ERIS' City Directory Search are included in Appendix C. The search encompassed the Site and nearby addresses on Ontario Street, St. Paul Street and Minnesota Street in 1998, 1999, 2012, 2017 and 2021. For brevity, listings that do not suggest the presence of a possible source of impacts to the Site are not included in Table 6, below. These include listings for residential use, medical/dental offices, office occupancies, financial and personal services, food service and general retail.

Table 6: Summary of City Directories

Year	Description	Concerns
1998	The Site is occupied by the Collingwood Learning Centre and Georgian Literacy. 201 St. Paul Street is occupied by Reinhart Foods.	None
1999	Tenants at the Site now include Georgian Literacy Grant, Internet and Simcoe District School Board.	None
2012	195 St. Paul Street is now occupied by the County of Simcoe Paramedic Service. 201 Ontario Street is occupied by the Collingwood Fire Department and the Collingwood Police Department.	Fuel storage at 201 St. Paul Street.
2017	Consistent with 2012.	No new concerns
2021	Consistent with 2017 other than Alternative School being listed at the Site.	No new concerns

4.5 Fire Insurance Plans and Insurance Information

A search for available Fire Insurance Plans (FIPs), Insurance Association Organization (IAO) reports, and property underwriter's plans for the Site depicting the Site and/or surrounding properties was undertaken. Enviroscan's report in **Appendix C** includes copies of Fire Insurance Maps from 1917 and 1955.

For brevity, entries that do not suggest the presence of a possible source of impacts to the Site are not discussed herein. These include entries for residential use, medical/dental offices, office occupancies, financial and personal services, food service and general retail.

The 1917 Map does not illustrate the Site itself. It illustrates a rail yard with an oil house and roundhouse located north of the Site. An iron junk yard is present at 91 Minnesota Street, approximately 90 m north of the Site. Both properties are inferred to be hydraulically downgradient of the Site and, as such, are not considered to have the potential to impact the Site. Other land uses near the Site include churches, schools and associated residences to the northwest and an exhibition building/curling rink to the southwest.

The 1955 Map does illustrate the Site. Based on manual entries on the Map, address renumbering was in progress. The Site is identified as 220 Ontario Street. The Site was occupied by the Regent Oil Co. (Canada) Ltd. Two large tanks and a pump house are present in addition to a rail spur to the immediate west. This is a potentially significant issue.

The oil house and roundhouse are no longer present at the rail yard to the north. The Collingwood Co-operative Cold Storage Ltd. building at 201 St. Paul Street (now Reinhart Foods) is present. Gasoline service stations with tanks illustrated alongside the buildings are located at the west corner of Hume Street and Market Street and at the west corner of Hume Street and St. Paul Street. Two tanks are also illustrated at the property located at the northwest corner of Hume Street and Peel Street; however, the enlarged scan that provides additional detail on this address is not included on the Map. These properties are located over 300 m from the Site and are not considered to have the potential to impact the Site due to distance.

4.6 Topographic Maps

Crozier reviewed a topographic map depicting the Site and surrounding areas from the Ontario Ministry of Natural Resources (**Appendix E**). The topography at the Site was discussed in Section 2.6.1.

4.7 Areas of Natural Significance (ANS)

Crozier reviewed mapping of Natural Heritage Areas available from the Ontario Ministry of Natural Resources and Forestry (**Figure E-1, Appendix E**), "Schedule B – Environmental Protection Map" of the Town of Collingwood Official Plan and "Schedule 5.2.3 Areas of Natural and Scientific Interest" of the County of Simcoe Official Plan. These maps indicate that there are no ANS or Natural Heritage Systems within 250 m of the Site.

4.8 Historical Site Use Summary

Based on a review of the aerial photographs, and the ERIS reports/insurance documentation in **Appendix C**, the Site has been the location of a rail line, a bulk fuel operation, and a Collingwood Public Utilities Commission facility possibly undertaking vehicle maintenance prior to its current use as a school/daycare.

4.9 Historical Adjacent Properties Use Summary

Based on a review of available historical information, no potential issues of environmental concern have been identified at nearby properties.

5.0 REGULATORY RECORDS REVIEW

Copies of all correspondence cited in this Section are provided in **Appendix F**.

5.1 Provincial Records

The Access Environment website has no listings for the Site. The only listings for locations within 250 m of the Site are for a sewer renewal and a pesticide operator registration.

MECP databases listing current and former waste disposal sites, PCB storage sites and sites manufacturing or using coal gas and/or coal tar do not include the Site.

A Freedom of information (FOI) request was filed on December 01, 2023 for information relating to any control orders, violation notices, spills, or other environmental concerns with the MECP for the Property. The documents obtained from the MECP indicate that the transformer compound located south of the Site was formerly part of the Site, i.e., the transformer compound was formerly included in the municipal address of 180 Ontario Street. Waste generator registration for waste classes 243 and 251 pertain to the in situ decontamination of a transformer containing 54 pm PCB oil and not to the present day address of 180 Ontario Street (the Site).

5.2 TSSA Records

A request was filed with the Ontario Technical Standards & Safety Authority (TSSA) on December 04, 2023, to obtain information from their files with respect to the presence of petroleum products at the Site (i.e., liquid, and gaseous). The TSSA replied on December 04, 2023 that there are no records pertaining to the Site in their current database.

5.3 Municipal Records

A Freedom of information (FOI) request was filed on December 01, 2023 with the Town of Collingwood. At the time of writing, the Town of Collingwood has confirmed that they have nothing in their municipal records.

5.4 ERIS Report

Crozier submitted a request to the ERIS databases for a search of federal, provincial, and private source databases within a 250 m radius of the boundaries of the Site. A copy of the ERIS report is presented in **Appendix C**. The environmentally significant database records, with the exception of WWRs (discussed previously in Section 3.6.5), are summarized below.

5.4.1 On-Site Listings

The Site was formerly occupied by the Collingwood Public Utilities Commission which was registered as generating waste classes 243 (PCBs), 251 (oil skimmings and sludges), and 252 (waste oils and lubricants) from 1992 to 1998. However, as documented in Section 5.1, the registrations for waste classes 243 and 251 pertained to the in situ decontamination of a PCB-containing transformer located within the boundaries of 180 Ontario Street as it existed at that time but outside the Site's present day boundaries. The registration for waste class 252 suggests that vehicle maintenance was undertaken on-Site.

5.4.2 Off-Site Listings

Given the inferred northwest flow direction of shallow ground water in the vicinity of the Site, only properties located on the south side of Ontario Street or in close proximity to the Site have been considered. Most records for properties located south of Ontario Street pertain to natural gas line strikes, pesticide operators or sewer connections. The only exception is a registration for waste class 251 (oil skimmings and sludges) for the paramedic station at 195 St. Paul Street. This is not considered to be an issue given 195 St. Paul Street's inferred hydraulically cross-gradient location relative to the Site. In addition, waste class 251 may reference the contents of oil/grit separator(s) in vehicle parking areas/entry ways.

201 Ontario Street is located north of the Site across Ontario Street. The facility was formerly a municipal police station and is currently a provincial police station. Three fuel storage tanks and a private fuel outlet registered to the Town of Collingwood were installed in 1980 and were in operation at least until December 2008. Each tank had a capacity of 4,550 L (1,000 Imperial gallons) and was of single walled steel construction.

Two were used for gasoline and the third was used for diesel fuel. The tanks are recorded as having impressed current protection, suggesting that they were underground storage tanks (USTs). 201 Ontario Street was registered as generating waste class 221L (light fuels) "as of Dec. 2017". This waste generator registration may pertain to the removal of the contents of the tanks during remedial activities.

6.0 INTERVIEWS

Crozier interviewed the following individual knowledgeable of the Site and current/historical on-Site operations.

Name	Title/Position	Date / Location
Mr. Pino Scarfo	President	January 19, 2024 via telephone

Mr. Scarfo was chosen to be interviewed given his familiarity with the Site, its condition at the time of purchase (2016) and its history through its current ownership.

Mr. Scarfo stated that no ASTs or underground storage tanks (USTs) were present at the time of purchase and thereafter. The Site was operating as a school at the time of purchase and had remained as one since that time. He was unaware of the purpose of the concrete pad located near the southwestern corner of the building.

Mr. Scarfo stated that 2374515 Ontario Corporation was not involved in the installation of the two monitoring wells observed on-Site. His belief was that they were installed by the municipality in support of a possible realignment of the storm sewer located in an easement in the southwestern and eastern portions of the Site (refer to legal survey, **Appendix A**). This is a reasonable explanation because (i) the monitoring wells are located near where the twin culvert buried storm sewer enters and exits the Site, and (ii) neither monitoring well's location is associated with an identified potential environmental issue.

Crozier compared the information obtained from the interview with information obtained from the historical records. Where applicable, the information provided by the Site Representative was corroborated by the available historical records. As such, Crozier has no concerns regarding the validity of the information provided by the individual(s) interviewed for the Phase I ESA.

7.0 SITE RECONNAISSANCE

Crozier representative Mr. Stephen Hodgson, Senior Geoscientist, conducted a visual assessment of the Site and surrounding properties on December 21, 2023, between the hours of 3:30 PM and 4:45 PM. There were no access restrictions during the Site Reconnaissance other than small piles of sand and snow along portions of the southern Site boundary. The weather during the Site visit was sunny and the temperature was approximately 2 degrees Celsius.

The Site visit consisted of a walkthrough of the Site and visual reconnaissance of neighbouring properties from publicly accessible areas. Selected photographs taken during the Site Reconnaissance are presented in **Appendix B**.

7.1 Hazardous Substances

Table 7: Hazardous Substances

Topic	Findings
Chemicals & Petroleum Products	Minor quantities of cleaning products
Hazardous Waste Management	Not observed
Compressed Gases	Not observed
Above Ground Storage Tanks	None observed
Underground Storage Tanks	None observed
Unidentified Substance Containers	None observed

7.2 Water and Wastewater

Table 8: Water and Wastewater

Topic	Findings
Water Supply	Town of Collingwood
Wells	An above grade monitoring well was observed near the northeastern corner of the Site and a flushmount monitoring well with a heaved protective casing was observed near the southwestern corner of the parking lot.
Wastewater / Sanitary	Town of Collingwood
Storm Water	Overland flow is generally to a ditch along the eastern Site boundary. A catchbasin is present in the southern parking lot.

Topic	Findings
Pits, Ponds, and Lagoons	None observed on-Site.
Drains, Sumps, Oil/Water Separators (OWS) and Sand Traps	None observed on-Site.
Watercourses, Ditches or Standing Water	A ditch is located along the eastern Site boundary. A channelized creek flows northwards along the trail/former rail line located west of the Site but enters two buried culverts aligned approximately southwest to northeast near the southwest corner of the Site.

No issues of potential concern were identified with respect to water and wastewater at the Site.

7.3 Hydraulic Equipment

Not observed.

7.4 Air Emissions

Table 9: Air Emissions

Topic	Findings
Strong, Pungent or Noxious Odors	None observed.
Air Emissions	None observed.
Vapour Intrusion	None observed.

7.5 Non-Hazardous Wastes

A dumpster was located near the southern Site boundary and is managed by a third-party contractor.

7.6 Polychlorinated Biphenyls (PCBs)

Polychlorinated biphenyl compounds (PCBs) containing dielectric fluids were commonly used in electrical equipment such as transformers, fluorescent lamp ballasts and capacitors until approximately 1980. In Canada, PCBs were prohibited from being used in products, equipment, machinery, electrical transformers, and capacitors that were manufactured or imported into the country after July 1980. However, older equipment in use after this date may still contain PCBs if the equipment's fluid has not been changed, or if there was sufficient inventory of such equipment.

Fluorescent lights were observed above the present-day suspended ceiling in the southern portion of the on-Site building. As the building was constructed c. 1966, the ballasts in these lamp fixtures could contain PCBs.

7.7 Asbestos Containing Materials (ACMs)

The use of "friable" ACMs in construction generally ceased in the mid-1970s and was banned through legislation in the mid/late 1980s. The common uses of friable ACMs include sprayed asbestos fire retardants, thermal lagging, such as pipe insulation, low density boards and sheet vinyl underlay or backing.

"Non-friable" asbestos is used to refer to asbestos-containing materials in which the asbestos is firmly bound in the matrix of the material. These materials are unlikely to release measurable levels of asbestos fiber into the airborne environment if they are left undisturbed and consequently pose a lower health risk. These materials may commonly include asbestos cement and caulking products such as sheeting used in walls, ceilings and roofs, moulded items such as downpipes, vinyl floor tiles and window and door caulking.

Floor tiles were observed in limited areas in the southern portion of the on-Site building. It is expected that these were installed when the former Collingwood Public Utilities Commission building was converted into a school c. 1998. As such, there is a low probability that ACM tiles are present.

7.8 Lead-Based Paint (LBP)

Lead was commonly used as an additive in paints and the concentrations were not regulated until the mid-1970s. The Canadian federal government gradually reduced the allowable lead content in paints and other consumer products, primarily in the interest of public safety.

Given that the on-Site building was constructed c. 1966, LBP may be present where the original paint is still present.

7.9 Mould

Damp and wet conditions can encourage the growth of interior and exterior mould and other microbiological contamination. Inside buildings, moulds grow well in presence of high humidity, in the vicinity of water leaks (e.g., from roofs, windows, pipes, etc.), and in areas of flooding.

Mould was not observed on-Site.

7.10 Radon

Radon is a radioactive, colorless, odorless, tasteless noble gas that cannot be detected during a Phase I ESA inspection. According to the Cross-Canada Survey of Radon Concentrations conducted by Health Canada (March 2012), the Site is in the Simcoe Muskoka Health Unit, where approximately 99.1% of the tests conducted revealed radon levels below the Canadian Radon Guideline of 200 becquerel per cubic metre (Bq/m³) developed by Health Canada. As such, the Site is in an area of low radon potential.

7.11 Ozone Depleting Substances (ODS)

None observed.

7.12 Urea Formaldehyde Foam Insulation (UFFI)

UFFI has been prohibited from advertising, sale, importation, and use for building purposes since 1980. No UFFI was observed on-Site.

8.0 CONCLUSIONS

Based on the information obtained and research conducted as part of this Phase I ESA, no evidence of actual environmental contamination was found. However, potential sources of impacts to the environmental quality of the Site include:

- A rail spur formerly ran north-south through the Site and a second rail line was located along the western boundary of the Site;
- Regent Oil Co. operated a bulk fuel terminal in the northern portion of the Site in at least the mid-1950's;
- The Site was a Collingwood Public Utilities Commission facility from c. 1966 to 1998 and was registered as generating a waste class relating to waste oil, suggesting vehicle maintenance;
- A transformer compound is located immediately south of the Site and is believed to have been in operation since c. 1966; and,
- An oil-filled transformer is located along the east wall of the on-Site building.

Crozier recommends that a Phase II ESA be undertaken at the Site to address these potential issues.

PCBs may be present in the ballasts of the original fluorescent light fixtures that are present above the present day suspended ceiling in the southern portion of the on-Site building. Although vinyl floor tiles were observed in limited areas in the southern portion of the on-Site building, the probability of them containing asbestos is considered to be low given that the building was extensively renovated c. 1998. Given that the on-Site building was constructed c. 1966, lead-based paints may be present where the original paint remains. These potential issues should be addressed by a designated substances survey/abatement, as warranted.

Respectfully submitted,

C.F. CROZIER & ASSOCIATES INC.



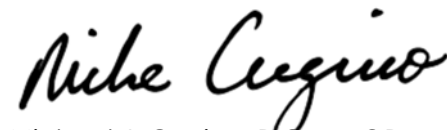
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Director Environmental Services

SJH/mb;dd;jp

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9.0 CONFIDENTIALITY & LIMITATIONS

9.1 Confidentiality Statement

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9.2 Scope of Activity

This report is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed in this report are based on the facts currently available within the limits of the existing data, scope of work, budget, and schedule.

To the extent that more definitive conclusions are desired by the Client than are warranted by the currently available facts, our conclusions and recommendations stated in this report are intended as guidance and not necessarily a firm course of action except where explicitly stated as such. We make no warranties, express or implied, including, without limitation, warranties as to merchantability or fitness of the property for a particular purpose. In addition, the information provided to you in this report is not to be construed as legal advice.

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This report was prepared based on historical documents reviewed, review of regulatory records and observations made during the inspection of the Property. Only those items, which are capable of being observed and are reasonably obvious to Crozier personnel, or have been identified to Crozier by other parties, can be reported. The field observations, measurements, and analysis are considered sufficient in detail and scope to form a reasonable basis for the findings presented in this report. Crozier warrants that the findings and conclusions contained herein have been made in accordance with generally accepted evaluation methods in the industry and applicable regulations at the time of the performance of the survey. It is possible that conditions may exist which could not be reasonably identified within the scope of the survey, or which were not apparent during the investigation of the Property. Crozier believes that the information collected during the survey period concerning the Property is reliable. No other warranties are implied or expressed. Crozier, to the best of its knowledge, believes this report to be accurate; however, Crozier cannot guarantee the completeness or accuracy of information supplied to Crozier. Crozier is an Engineering and Environmental Consulting Company. As such any results or conclusions presented in this report should not be construed as legal advice.

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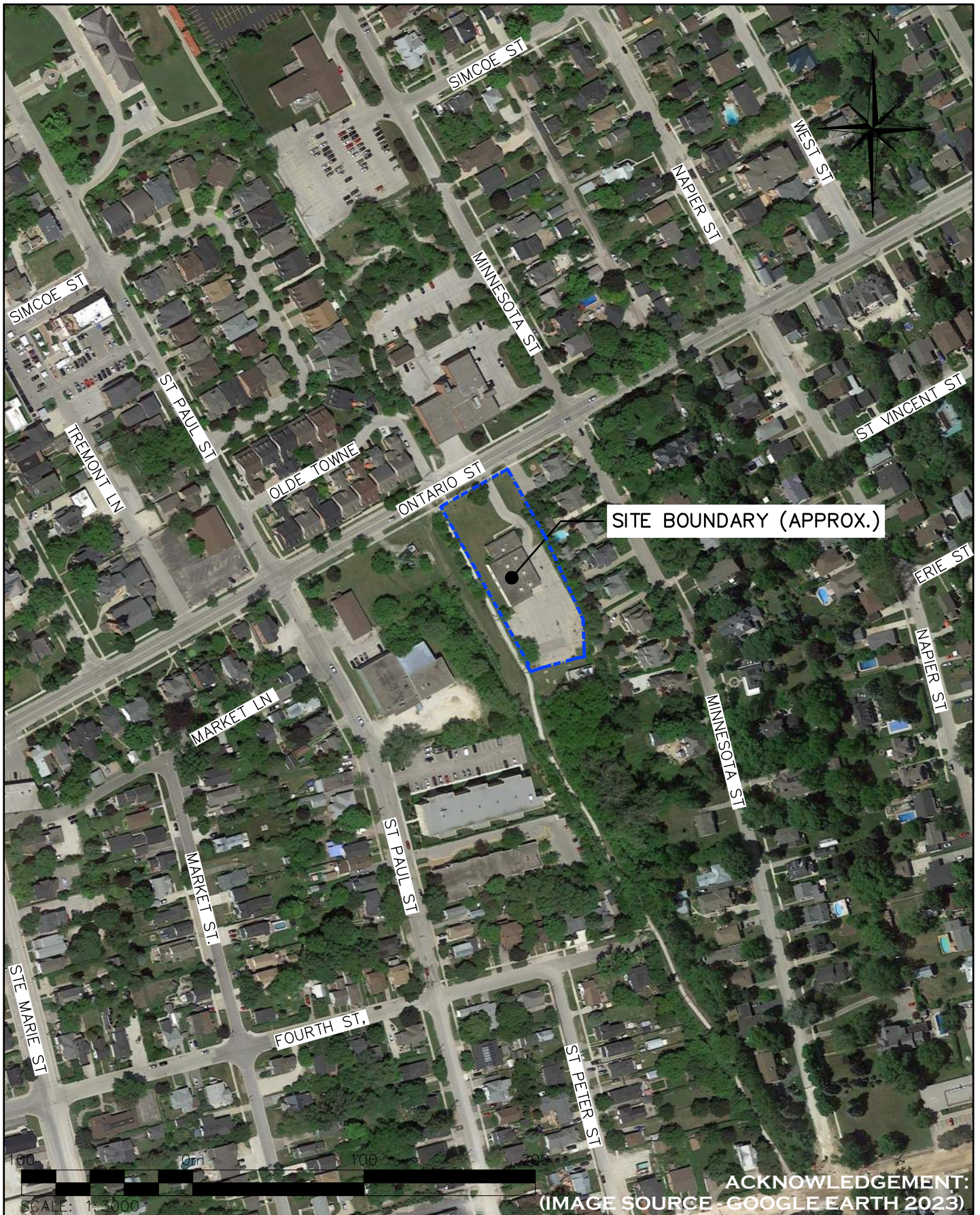
10.0 REFERENCES

The following information was reviewed as part of this Phase I ESA:

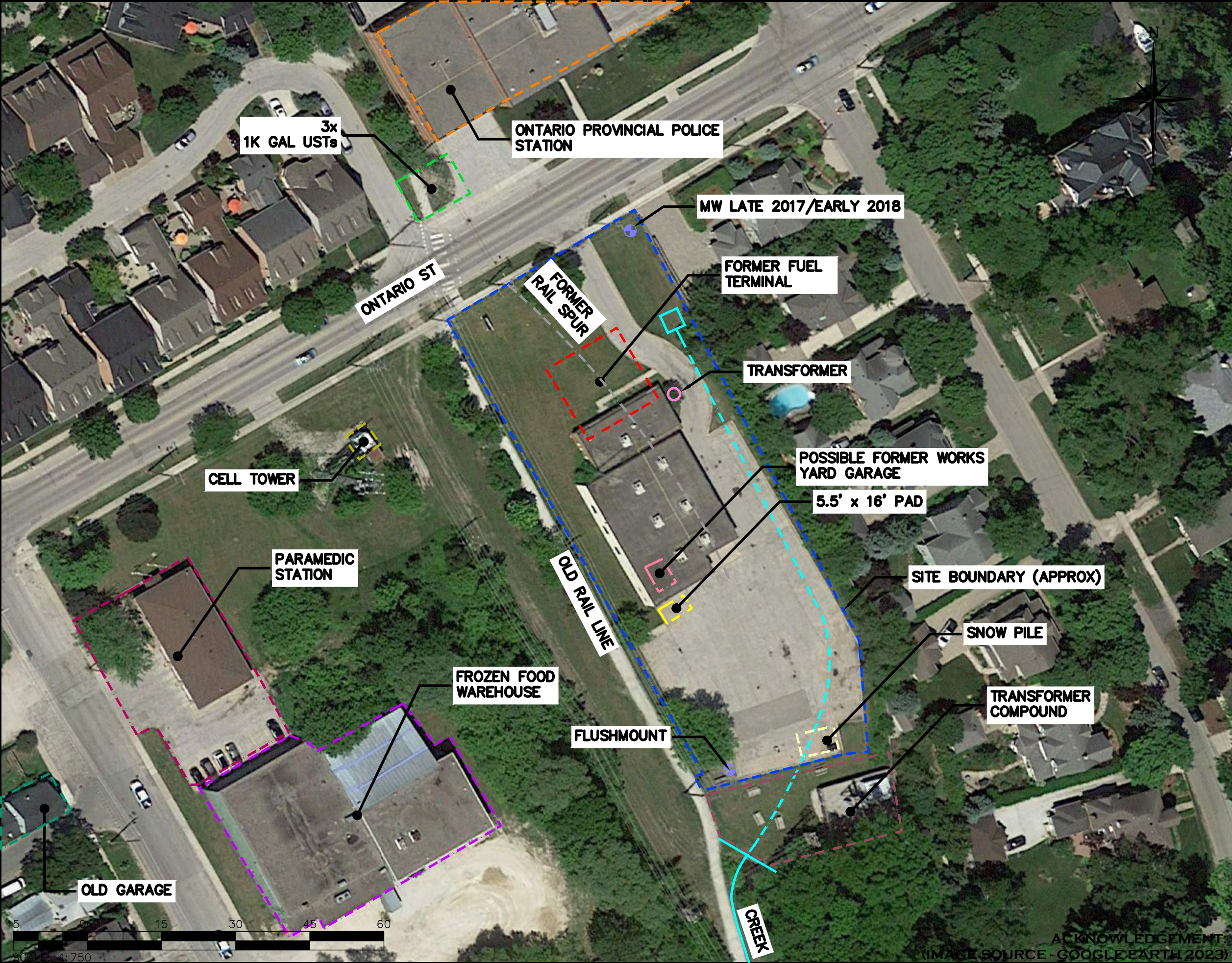
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- Town of Collingwood Official Plan, Schedule B – Environmental Protection Map, January 2019.
- Town of Collingwood Zoning By-Law, Schedule A, Map 21, March 26, 2018.

APPENDIX A

Legal Survey and Figures



Legend SITE BOUNDARY (APPROX)	Project PHASE 1 ENVIRONMENTAL SITE ASSESSMENT 2374515 ONTARIO INC. 180 ONTARIO STREET, COLLINGWOOD Figure Name SITE LOCATION PLAN	CROZIER CONSULTING ENGINEERS Drawn By A.B. Design By S.H. Project 2598-6970 Scale 1:5000 Date JAN. 03, 2024 Check By S.H. Drawing FIGURE 1
--	---	--



LEGEND

SITE BOUNDARY (APPROX)

ONTARIO PROVINCIAL POLICE STATION

3x 1K GAL USTs

CELL TOWER

PARAMEDIC STATION

OLD GARAGE

FROZEN FOOD WAREHOUSE

FORMER FUEL TERMINAL

POSSIBLE FORMER WORKS YARD GARAGE

5.5' x 16' PAD

SNOW PILE

TRANSFORMER COMPOUND

FLUSHMOUNT

TRANSFORMER

MONITORING WELL (MW) 2017/2018

Project

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT
2374515 ONTARIO INC.
180 ONTARIO STREET, COLLINGWOOD

FIGURE NAME

SITE AND SURROUNDING LAND USES

CROZIER

CONSULTING ENGINEERS

Drawn By

A.B.

Design By

S.H.

Project

2598-6970

Scale

1:750

Date

JAN. 03, 2024

Check By

S.H.

FIGURE 2

ACKNOWLEDGEMENT:

(IMAGE SOURCE - GOOGLE EARTH 2023)

APPENDIX B

Photograph Log



Photograph 1 – Transformer adjacent to northern portion of east wall.



Photograph 2 – West wall of on-Site building viewed from the northwest.



Photograph 3 – Looking north at south wall of on-Site building and heaved casing of on-Site flushmount well.



Photograph 4 – Concrete pad near southwest corner of on-Site building.



Photograph 5 – Looking west at northern portion of on-Site building.



Photograph 6 – Typical classroom.



Photograph 7 – Original fluorescent lighting above current suspended ceiling.



Photograph 8 – Vinyl tiles, limited use in southern portion of building.



Photograph 9 – Transformer compound to the south, viewed from the northwest.



Photograph 10 – Concrete pads west of the transformer compound, looking south.



Photograph 11 – Trail (former rail line) and creek entering culverts near the southwest corner of the Site, looking northwest.



Photograph 12 – Looking north from east side of Site at OPP station and on-site monitoring well.



Photograph 13 – Cold storage warehouse and paramedic station west of Site, viewed from the southwest.



Photograph 14 – Old garage west of cold storage warehouse, looking west.



Photograph 15 – Cell tower and rear of paramedic station and cold storage warehouse, looking southwest.



Photograph 16 – Typical view of surrounding residential area.

APPENDIX C

ERIS Database Report



CITY DIRECTORY

Project Property: *180 Ontario St. Phase I ESA
180 Ontario Street
Collingwood, ON L9Y 3S5*

Project No: *2598-6970*

Requested By: *C.F. Crozier & Associates Inc.*

Order No: *23112900671*

Date Completed: *December 07, 2023*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com



enviroscan



175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 1 877 244 9437
W: optaintel.ca

Nate

Site Address:

180 Ontario Street, Collingwood, ON

Project No:

23112900671

Opta Order ID:

137642

Requested by:

Eleanor Goolab
ERIS

Date Completed:

12/6/2023 3:43:06 PM



DATABASE REPORT

Project Property:	<i>180 Ontario St. Phase I ESA 180 Ontario Street Collingwood ON L9Y 3S5</i>
Project No:	<i>2598-6970</i>
Report Type:	<i>Quote - Custom-Build Your Own Report</i>
Order No:	<i>23112900671</i>
Requested by:	<i>C.F. Crozier & Associates Inc.</i>
Date Completed:	<i>December 4, 2023</i>

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Executive Summary

Property Information:

Project Property: 180 Ontario St. Phase I ESA
180 Ontario Street Collingwood ON L9Y 3S5

Project No: 2598-6970

Order Information:

Order No: 23112900671
Date Requested: November 29, 2023
Requested by: C.F. Crozier & Associates Inc.
Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

Aerial Photographs Aerials - National Collection
City Directory Search Smart CD Search
ERIS Xplorer ERIS Xplorer
Insurance Products Fire Insurance Maps/Inspection Reports/Site Plans

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	4	4
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	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
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	3	3
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	5	5
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety 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
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	3	3
FSTH	Fuel Storage Tank - Historic	Y	0	2	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	2	24	26
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	3	3

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National 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
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	3	3
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	4	4
PRT	Private and Retail Fuel Storage Tanks	Y	0	1	1
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	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	4	4
SPL	Ontario Spills	Y	0	5	5
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	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	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
		Total:	2	62	64

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<u>1</u>	GEN	COLLINGWOOD (OUT OF BUS) 07-448	180 ONTARIO STREET C/O P.O.BOX 189, 39 HURONTARIO ST. COLLINGWOOD ON L9Y 1M6	SSW/0.0	0.00	<u>24</u>
<u>1</u>	GEN	COLLINGWOOD PUBLIC UTILITIES COMM.07-448	180 ONTARIO STREET C/O P.O.BOX 189, 39 HURONTARIO ST. COLLINGWOOD ON L9Y 1M6	SSW/0.0	0.00	<u>24</u>

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>2</u>	PRT	CORP TOWN OF COLLINGWOOD	201 ONTARIO ST COLLINGWOOD ON L9Y 4M4	NNW/46.5	0.06	<u>25</u>
<u>2</u>	FSTH	CORP TOWN OF COLLINGWOOD	201 ONTARIO ST COLLINGWOOD ON L9Y 4M4	NNW/46.5	0.06	<u>25</u>
<u>2</u>	FSTH	CORP TOWN OF COLLINGWOOD	201 ONTARIO ST COLLINGWOOD ON L9Y 4M4	NNW/46.5	0.06	<u>25</u>
<u>2</u>	FST	TOWN OF COLLINGWOOD	201 ONTARIO ST COLLINGWOOD L9Y 4M4 ON CA ON	NNW/46.5	0.06	<u>26</u>
<u>2</u>	FST	TOWN OF COLLINGWOOD	201 ONTARIO ST COLLINGWOOD L9Y 4M4 ON CA ON	NNW/46.5	0.06	<u>26</u>
<u>2</u>	FST	TOWN OF COLLINGWOOD	201 ONTARIO ST COLLINGWOOD L9Y 4M4 ON CA ON	NNW/46.5	0.06	<u>27</u>
<u>2</u>	GEN	Town of Collingwood	201 Ontario Street Collingwood ON L9Y 4M4	NNW/46.5	0.06	<u>27</u>
<u>3</u>	CA	COLLINGWOOD TOWN	ONTARIO ST./MINNESOTA ST. COLLINGWOOD TOWN ON	NNE/46.9	1.00	<u>28</u>
<u>4</u>	EHS		140 Ontario Street Collingwood ON	W/64.0	-0.83	<u>28</u>
<u>5</u>	ECA	Kristina Karen Palmer	205 St. Paul St , 211, 223 and 225 St. Paul Street Collingwood ON L9Y 3Z2	SSW/64.4	-0.02	<u>28</u>
<u>6</u>	SPL	Enbridge Energy Distribution Inc.	189 Minnesota St. Collingwood ON	E/82.6	1.89	<u>28</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>6</u>	PINC	ENBRIDGE GAS INC	189 MINNESOTA ST.,COLLINGWOOD, ON,L9Y 3S4,CA ON	E/82.6	1.89	<u>29</u>
<u>7</u>	GEN	Corporation of the County of Simcoe	County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	WSW/101.9	-0.85	<u>30</u>
<u>7</u>	GEN	Corporation of the County of Simcoe	County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	WSW/101.9	-0.85	<u>30</u>
<u>7</u>	GEN	Corporation of the County of Simcoe	County of Simcoe 195 St. Paul Street Collingwood ON	WSW/101.9	-0.85	<u>30</u>
<u>7</u>	GEN	Corporation of the County of Simcoe	County of Simcoe 195 St. Paul Street Collingwood ON	WSW/101.9	-0.85	<u>31</u>
<u>7</u>	GEN	Corporation of the County of Simcoe	County of Simcoe 195 St. Paul Street Collingwood ON	WSW/101.9	-0.85	<u>31</u>
<u>7</u>	GEN	Corporation of the County of Simcoe	County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	WSW/101.9	-0.85	<u>31</u>
<u>7</u>	GEN	Corporation of the County of Simcoe	County of Simcoe 195 St. Paul Street Collingwood ON	WSW/101.9	-0.85	<u>32</u>
<u>7</u>	GEN	Corporation of the County of Simcoe	195 St. Paul Street Collingwood ON L9Y 3P5	WSW/101.9	-0.85	<u>32</u>
<u>7</u>	GEN	Corporation of the County of Simcoe	195 St. Paul Street Collingwood ON L9Y 3P5	WSW/101.9	-0.85	<u>33</u>
<u>7</u>	GEN	Corporation of the County of Simcoe	195 St. Paul Street Collingwood ON L9Y 3P5	WSW/101.9	-0.85	<u>33</u>
<u>7</u>	GEN	Corporation of the County of Simcoe PFP	County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	WSW/101.9	-0.85	<u>33</u>
<u>7</u>	GEN	Corporation of the County of Simcoe PFP	County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	WSW/101.9	-0.85	<u>34</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>7</u>	GEN	Corporation of the County of Simcoe PFP	County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	WSW/101.9	-0.85	<u>34</u>
<u>7</u>	GEN	Corporation of the County of Simcoe PFP	County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	WSW/101.9	-0.85	<u>34</u>
<u>8</u>	CA	CANADA LANDS COMPANY LTD.	ONTARIO ST./ST. PAUL ST. COLLINGWOOD TOWN ON	W/113.8	-0.93	<u>35</u>
<u>9</u>	PES		175 Fourth Street East Collingwood ON L9Y 1T9	SSE/129.9	1.09	<u>35</u>
<u>10</u>	GEN	Dr. Peter B.Wells/Dr. Wade Mitchell.	150 Saint Paul St. Suite 102 Collingwood ON L9Y 3P2	W/144.8	-1.06	<u>35</u>
<u>10</u>	GEN	Dr. Peter B.Wells/Dr. Wade Mitchell.	150 Saint Paul St. Suite 102 Collingwood ON L9Y 3P2	W/144.8	-1.06	<u>36</u>
<u>10</u>	GEN	Dr. Peter B.Wells/Dr. Wade Mitchell.	150 Saint Paul St. Suite 102 Collingwood ON	W/144.8	-1.06	<u>36</u>
<u>10</u>	GEN	Dr. Peter B.Wells/Dr. Wade Mitchell.	150 Saint Paul St. Suite 102 Collingwood ON L9Y 3P2	W/144.8	-1.06	<u>36</u>
<u>10</u>	GEN	Dr. Peter B.Wells/Dr. Wade Mitchell.	150 Saint Paul St. Suite 102 Collingwood ON L9Y 3P2	W/144.8	-1.06	<u>37</u>
<u>10</u>	GEN	Dr. Peter B.Wells/Dr. Wade Mitchell.	150 Saint Paul St. Suite 102 Collingwood ON L9Y 3P2	W/144.8	-1.06	<u>37</u>
<u>10</u>	GEN	Dr. Peter B.Wells/Dr. Wade Mitchell.	150 Saint Paul St. Suite 102 Collingwood ON L9Y 3P2	W/144.8	-1.06	<u>37</u>
<u>11</u>	PINC	PIPELINE HIT - 1/2"	148 NAPIER ST., COLLINGWOOD, ON, L9Y 3T2, CA ON	NNE/149.2	1.39	<u>38</u>
<u>11</u>	SPL		148 Napier St Collingwood ON	NNE/149.2	1.39	<u>38</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>12</u>	SPL	Enbridge Gas Distribution Inc.	240 Napier Street Collingwood ON	E/155.6	2.52	<u>39</u>
<u>13</u>	PES		175 Fourth Street East Collingwood ON L9Y 1T9	SSE/160.6	0.83	<u>40</u>
<u>13</u>	PES	MARCO REICHEL	175 Fourth Street East Collingwood ON L9Y 1T9	SSE/160.6	0.83	<u>40</u>
<u>14</u>	SPL	PUC	128 ST PAUL ST (IN FRONT OF) MOTOR VEHICLE (OPERATING FLUID) COLLINGWOOD TOWN ON	W/168.6	-0.87	<u>41</u>
<u>15</u>	EHS		128 Saint Paul Street Collingwood ON L9Y 4X9	W/169.0	-0.87	<u>42</u>
<u>16</u>	ECA	The Corporation of the Town of Collingwood	Minnesota Street Collingwood ON L9Y 2L9	E/188.4	3.64	<u>42</u>
<u>17</u>	SCT	Digital Plus Printing Communications	125 Fourth St E Collingwood ON L9Y 1T6	SSW/201.4	0.07	<u>42</u>
<u>18</u>	EHS		125 Napier St. & 20 West Street Collingwood ON L9Y 3T1	NE/214.9	0.44	<u>42</u>
<u>19</u>	HINC		302 MINNESOTA STREET COLLINGWOOD ON L9Y 3S5	SE/227.9	2.18	<u>43</u>
<u>20</u>	CA	COLLINGWOOD ST. PAUL INC.	CALLARY CRES./ST. PAUL ST. COLLINGWOOD ON	WNW/238.5	-1.76	<u>43</u>
<u>20</u>	CA	COLLINGWOOD ST. PAUL INC.	CALLARY CRES./ST. PAUL ST. COLLINGWOOD ON	WNW/238.5	-1.76	<u>43</u>
<u>21</u>	SPL	Enbridge Energy Distribution Inc.	76 Ontario Street Collingwood ON	WSW/242.9	-0.78	<u>44</u>
<u>21</u>	PINC	PIPELINE HIT 1/2"	76 ONTARIO ST.,COLLINGWOOD,ON, L9Y 1M3,CA ON	WSW/242.9	-0.78	<u>44</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>22</u>	ECA	The Corporation of the Town of Collingwood	100 Minnesota St 40 Huron St Collingwood ON L9Y 3Z5	NNW/256.4	-1.12	<u>45</u>
<u>23</u>	HINC		304 MINNESOTA STREET COLLINGWOOD ON L9Y 3S5	SE/258.6	2.08	<u>45</u>
<u>24</u>	HINC		209 SIMCOE STREET COLLINGWOOD ON L9Y 1J1	N/261.4	-0.88	<u>46</u>
<u>25</u>	PINC	GLAMORGAN INVESTMENT CORP	234 SIMCOE ST.,COLLINGWOOD,ON,L9Y 1J3,CA ON	NNE/273.1	-0.73	<u>46</u>
<u>26</u>	GEN	ENTERPRISE-BULLETIN, THE	77 SIMCOE STREET COLLINGWOOD ON	WNW/280.5	-2.44	<u>47</u>
<u>27</u>	EHS		76, 78, 80 Simcoe Street Collingwood ON	WNW/280.7	-1.98	<u>47</u>
<u>28</u>	SCT	THE ENTERPRISE-BULLETIN	77 SAINT MARIE ST COLLINGWOOD ON L9Y 3J9	WNW/293.3	-2.80	<u>47</u>
<u>28</u>	SCT	The Enterprise-Bulletin - Div. of Hollinger Inc.	77 Saint Marie St Collingwood ON L9Y 3J9	WNW/293.3	-2.80	<u>47</u>
<u>28</u>	SCT	The Enterprise Bulletin	77 Saint Marie St Collingwood ON L9Y 3J9	WNW/293.3	-2.80	<u>48</u>
<u>28</u>	GEN	COLLINGWOOD ENTERPRISE BULLETIN	77 ST. MARIE STREET COLLINGWOOD ON L9Y 3Z4	WNW/293.3	-2.80	<u>48</u>
<u>29</u>	EHS		40 Huron St Collingwood ON L9Y4R3	NW/295.7	-1.04	<u>48</u>
<u>29</u>	EASR	CORPORATION OF THE TOWN OF COLLINGWOOD	40 HURON ST COLLINGWOOD ON L9Y 4R3	NW/295.7	-1.04	<u>49</u>

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 4 CA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
COLLINGWOOD TOWN	ONTARIO ST./MINNESOTA ST. COLLINGWOOD TOWN ON	46.9	<u>3</u>
CANADA LANDS COMPANY LTD.	ONTARIO ST./ST. PAUL ST. COLLINGWOOD TOWN ON	113.8	<u>8</u>
COLLINGWOOD ST. PAUL INC.	CALLARY CRES./ST. PAUL ST. COLLINGWOOD ON	238.5	<u>20</u>
COLLINGWOOD ST. PAUL INC.	CALLARY CRES./ST. PAUL ST. COLLINGWOOD ON	238.5	<u>20</u>

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011- Sep 30, 2023 has found that there are 1 EASR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CORPORATION OF THE TOWN OF COLLINGWOOD	40 HURON ST COLLINGWOOD ON L9Y 4R3	295.7	<u>29</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Sep 30, 2023 has found that there are 3 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Kristina Karen Palmer	205 St. Paul St , 211, 223 and 225 St. Paul Street Collingwood ON L9Y 3Z2	64.4	<u>5</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Corporation of the Town of Collingwood	Minnesota Street Collingwood ON L9Y 2L9	188.4	16
The Corporation of the Town of Collingwood	100 Minnesota St 40 Huron St Collingwood ON L9Y 3Z5	256.4	22

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Sep 30, 2023 has found that there are 5 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	140 Ontario Street Collingwood ON	64.0	4
	128 Saint Paul Street Collingwood ON L9Y 4X9	169.0	15
	125 Napier St. & 20 West Street Collingwood ON L9Y 3T1	214.9	18
	76, 78, 80 Simcoe Street Collingwood ON	280.7	27
	40 Huron St Collingwood ON L9Y4R3	295.7	29

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2022 has found that there are 3 FST site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TOWN OF COLLINGWOOD	201 ONTARIO ST COLLINGWOOD L9Y 4M4 ON CA ON	46.5	2

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TOWN OF COLLINGWOOD	201 ONTARIO ST COLLINGWOOD L9Y 4M4 ON CA ON	46.5	2
TOWN OF COLLINGWOOD	201 ONTARIO ST COLLINGWOOD L9Y 4M4 ON CA ON	46.5	2

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 2 FSTH site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CORP TOWN OF COLLINGWOOD	201 ONTARIO ST COLLINGWOOD ON L9Y 4M4	46.5	2
CORP TOWN OF COLLINGWOOD	201 ONTARIO ST COLLINGWOOD ON L9Y 4M4	46.5	2

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 26 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
COLLINGWOOD (OUT OF BUS) 07-448	180 ONTARIO STREET C/O P.O.BOX 189, 39 HURONTARIO ST. COLLINGWOOD ON L9Y 1M6	0.0	1
COLLINGWOOD PUBLIC UTILITIES COMM.07-448	180 ONTARIO STREET C/O P.O.BOX 189, 39 HURONTARIO ST. COLLINGWOOD ON L9Y 1M6	0.0	1
Town of Collingwood	201 Ontario Street Collingwood ON L9Y 4M4	46.5	2
Corporation of the County of Simcoe PFP	County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	101.9	7

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Corporation of the County of Simcoe PFP	County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	101.9	<u>7</u>
Corporation of the County of Simcoe PFP	County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	101.9	<u>7</u>
Corporation of the County of Simcoe PFP	County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	101.9	<u>7</u>
Corporation of the County of Simcoe	195 St. Paul Street Collingwood ON L9Y 3P5	101.9	<u>7</u>
Corporation of the County of Simcoe	195 St. Paul Street Collingwood ON L9Y 3P5	101.9	<u>7</u>
Corporation of the County of Simcoe	195 St. Paul Street Collingwood ON L9Y 3P5	101.9	<u>7</u>
Corporation of the County of Simcoe	County of Simcoe 195 St. Paul Street Collingwood ON	101.9	<u>7</u>
Corporation of the County of Simcoe	County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	101.9	<u>7</u>
Corporation of the County of Simcoe	County of Simcoe 195 St. Paul Street Collingwood ON	101.9	<u>7</u>
Corporation of the County of Simcoe	County of Simcoe 195 St. Paul Street Collingwood ON	101.9	<u>7</u>
Corporation of the County of Simcoe	County of Simcoe 195 St. Paul Street Collingwood ON	101.9	<u>7</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Corporation of the County of Simcoe	County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	101.9	<u>7</u>
Corporation of the County of Simcoe	County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	101.9	<u>7</u>
Dr. Peter B.Wells/Dr. Wade Mitchell.	150 Saint Paul St. Suite 102 Collingwood ON	144.8	<u>10</u>
Dr. Peter B.Wells/Dr. Wade Mitchell.	150 Saint Paul St. Suite 102 Collingwood ON L9Y 3P2	144.8	<u>10</u>
Dr. Peter B.Wells/Dr. Wade Mitchell.	150 Saint Paul St. Suite 102 Collingwood ON L9Y 3P2	144.8	<u>10</u>
Dr. Peter B.Wells/Dr. Wade Mitchell.	150 Saint Paul St. Suite 102 Collingwood ON L9Y 3P2	144.8	<u>10</u>
Dr. Peter B.Wells/Dr. Wade Mitchell.	150 Saint Paul St. Suite 102 Collingwood ON L9Y 3P2	144.8	<u>10</u>
Dr. Peter B.Wells/Dr. Wade Mitchell.	150 Saint Paul St. Suite 102 Collingwood ON L9Y 3P2	144.8	<u>10</u>
Dr. Peter B.Wells/Dr. Wade Mitchell.	150 Saint Paul St. Suite 102 Collingwood ON L9Y 3P2	144.8	<u>10</u>
ENTERPRISE-BULLETIN, THE	77 SIMCOE STREET COLLINGWOOD ON	280.5	<u>26</u>
COLLINGWOOD ENTERPRISE BULLETIN	77 ST. MARIE STREET COLLINGWOOD ON L9Y 3Z4	293.3	<u>28</u>

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 3 HINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	302 MINNESOTA STREET COLLINGWOOD ON L9Y 3S5	227.9	<u>19</u>
	304 MINNESOTA STREET COLLINGWOOD ON L9Y 3S5	258.6	<u>23</u>
	209 SIMCOE STREET COLLINGWOOD ON L9Y 1J1	261.4	<u>24</u>

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Sep 30, 2023 has found that there are 3 PES site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	175 Fourth Street East Collingwood ON L9Y 1T9	129.9	<u>9</u>
MARCO REICHEL	175 Fourth Street East Collingwood ON L9Y 1T9	160.6	<u>13</u>
	175 Fourth Street East Collingwood ON L9Y 1T9	160.6	<u>13</u>

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 4 PINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ENBRIDGE GAS INC	189 MINNESOTA ST.,COLLINGWOOD,ON, L9Y 3S4,CA ON	82.6	<u>6</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PIPELINE HIT - 1/2"	148 NAPIER ST,,COLLINGWOOD,ON,L9Y 3T2,CA ON	149.2	<u>11</u>
PIPELINE HIT 1/2"	76 ONTARIO ST,,COLLINGWOOD,ON,L9Y 1M3,CA ON	242.9	<u>21</u>
GLAMORGAN INVESTMENT CORP	234 SIMCOE ST,,COLLINGWOOD,ON,L9Y 1J3,CA ON	273.1	<u>25</u>

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CORP TOWN OF COLLINGWOOD	201 ONTARIO ST COLLINGWOOD ON L9Y 4M4	46.5	<u>2</u>

SCT - Scott's Manufacturing Directory

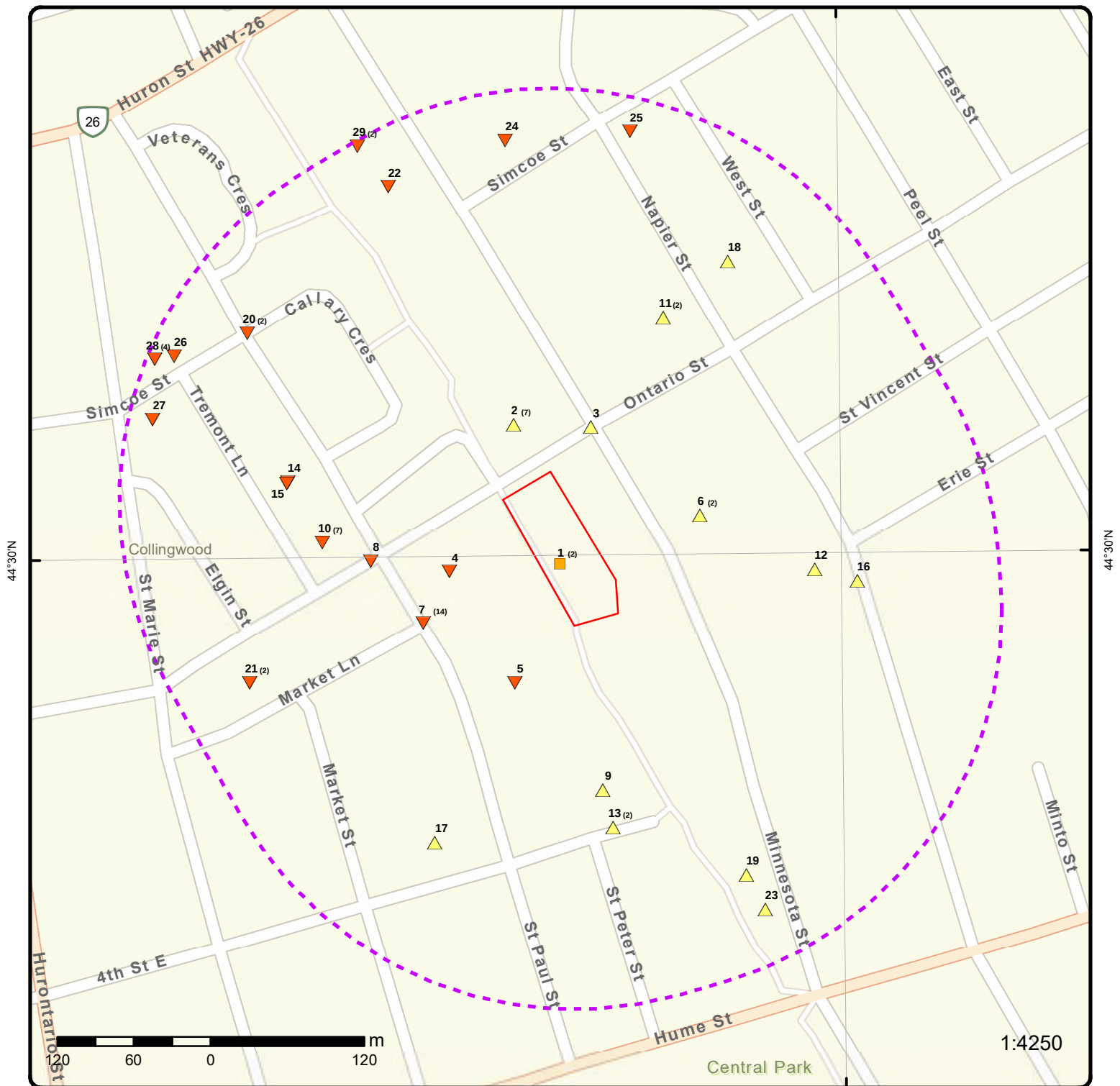
A search of the SCT database, dated 1992-Mar 2011* has found that there are 4 SCT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Digital Plus Printing Communications	125 Fourth St E Collingwood ON L9Y 1T6	201.4	<u>17</u>
The Enterprise Bulletin	77 Saint Marie St Collingwood ON L9Y 3J9	293.3	<u>28</u>
The Enterprise-Bulletin - Div. of Hollinger Inc.	77 Saint Marie St Collingwood ON L9Y 3J9	293.3	<u>28</u>
THE ENTERPRISE-BULLETIN	77 SAINT MARIE ST COLLINGWOOD ON L9Y 3J9	293.3	<u>28</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Dec 2021; see description has found that there are 5 SPL site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Energy Distribution Inc.	189 Minnesota St. Collingwood ON	82.6	<u>6</u>
	148 Napier St Collingwood ON	149.2	<u>11</u>
Enbridge Gas Distribution Inc.	240 Napier Street Collingwood ON	155.6	<u>12</u>
PUC	128 ST PAUL ST (IN FRONT OF) MOTOR VEHICLE (OPERATING FLUID) COLLINGWOOD TOWN ON	168.6	<u>14</u>
Enbridge Energy Distribution Inc.	76 Ontario Street Collingwood ON	242.9	<u>21</u>



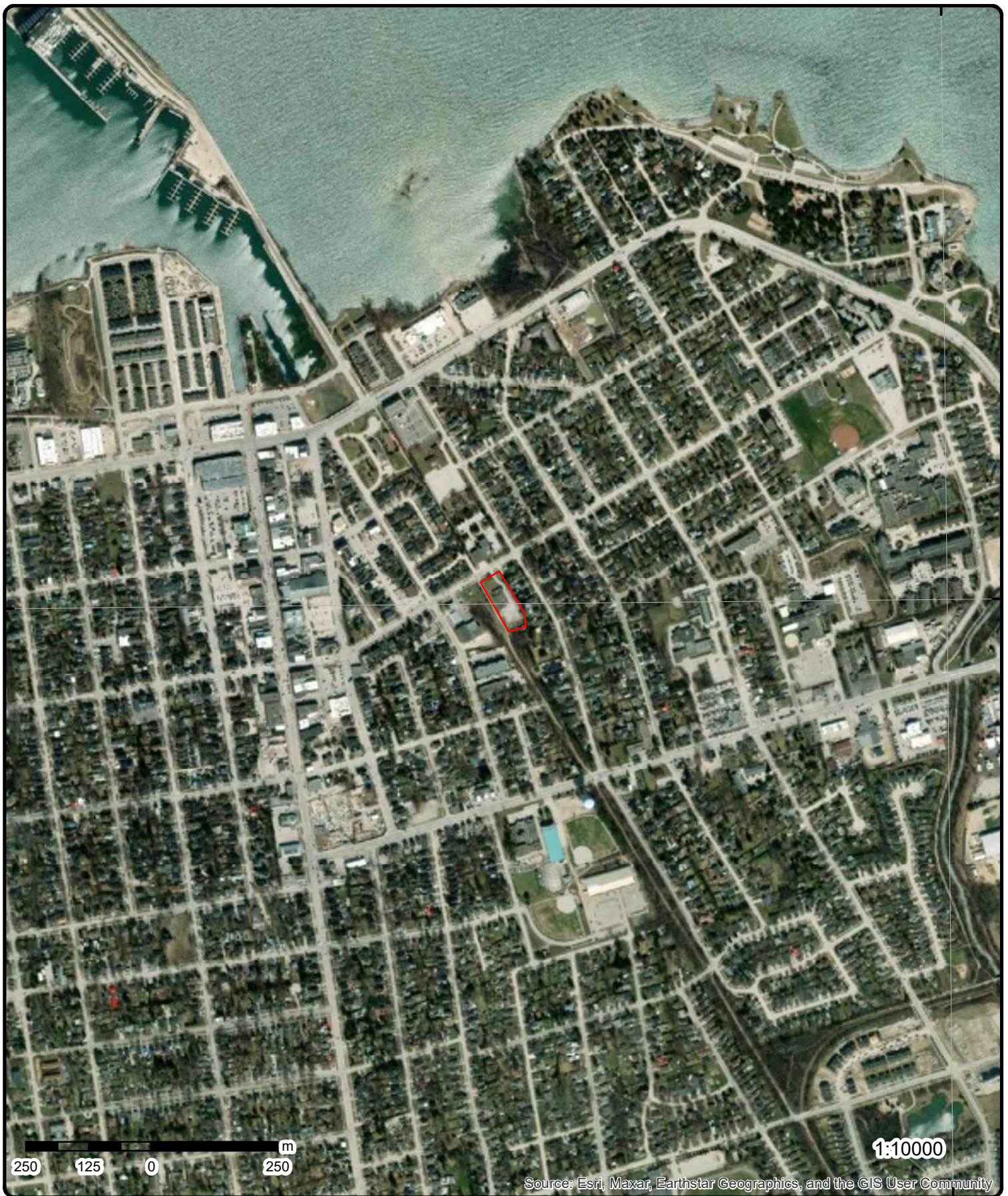
Map: 0.3 Kilometer Radius

Order Number: 23112900671

Address: 180 Ontario Street, Collingwood, ON



Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Same Elevation	Local Road	Military Base	Parkt (National)
Eris Sites with Lower Elevation	Service Road; Traffic Circle; Ramp	Aircraft Roads	Park (City/County)
Eris Sites with Unknown Elevation	Rail	Native Reservation	
		Hospital	



Aerial Year: 2020

Order Number: 23112900671

Address: 180 Ontario Street, Collingwood, ON



Source: ESRI World Imagery

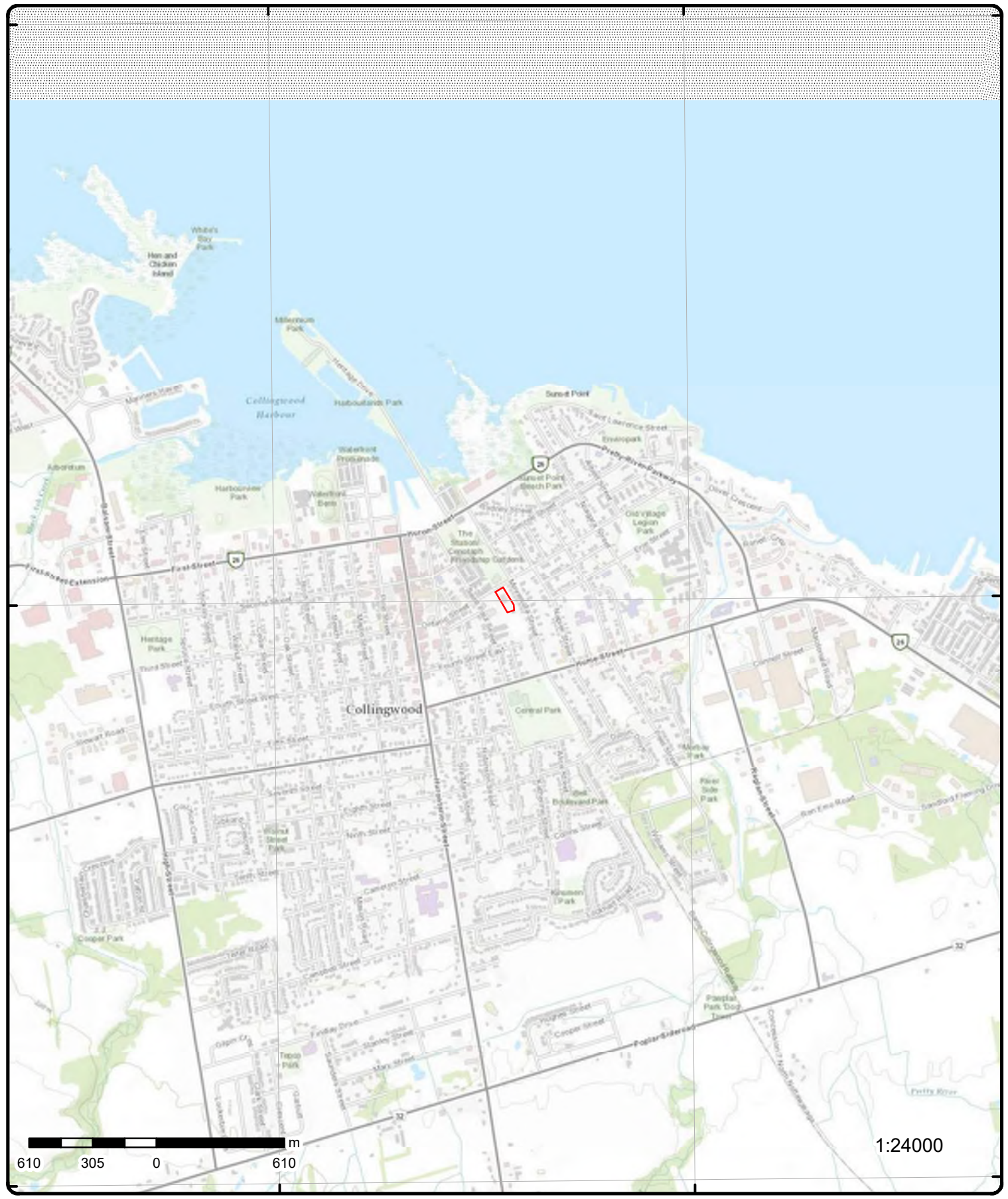
© ERIS Information Limited Partnership

44°31'30"N
44°30'N
44°28'30"N

80°13'30"W

80°12'W

44°31'30"N
44°30'N
44°28'30"N



Topographic Map

Address: 180 Ontario Street, ON

Source: ESRI World Topographic Map

Order Number: 23112900671



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 2	SSW/0.0	180.8 / 0.00	COLLINGWOOD (OUT OF BUS) 07-448 180 ONTARIO STREET C/O P.O.BOX 189, 39 HURONTARIO ST. COLLINGWOOD ON L9Y 1M6	GEN
Generator No:		ON1573301			
SIC Code:		4911			
SIC Description:		ELECT. POWER SYS.			
Approval Years:		92,93,95,96,97,98			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		243			
Waste Class Name:		PCB'S			
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
1	2 of 2	SSW/0.0	180.8 / 0.00	COLLINGWOOD PUBLIC UTILITIES COMM.07-448 180 ONTARIO STREET C/O P.O.BOX 189, 39 HURONTARIO ST. COLLINGWOOD ON L9Y 1M6	GEN
Generator No:		ON1573301			
SIC Code:		4911			
SIC Description:		ELECT. POWER SYS.			
Approval Years:		94			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		243			
Waste Class Name:		PCB'S			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			
Waste Class: Waste Class Name:		252 WASTE OILS & LUBRICANTS			
2	1 of 7	NNW/46.5	180.8 / 0.06	CORP TOWN OF COLLINGWOOD 201 ONTARIO ST COLLINGWOOD ON L9Y 4M4	PRT
Location ID: Type: Expiry Date: Capacity (L): Licence #:		3354 private 13638.00 0001004021			
2	2 of 7	NNW/46.5	180.8 / 0.06	CORP TOWN OF COLLINGWOOD 201 ONTARIO ST COLLINGWOOD ON L9Y 4M4	FSTH
License Issue Date: Tank Status: Tank Status As Of: Operation Type: Facility Type:		6/4/1990 Licensed August 2007 Private Fuel Outlet Gasoline Station - Self Serve			
<u>--Details--</u>					
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 1980 4546 Liquid Fuel Single Wall UST - Diesel			
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 1980 4546 Liquid Fuel Single Wall UST - Gasoline			
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 1980 4546 Liquid Fuel Single Wall UST - Gasoline			
2	3 of 7	NNW/46.5	180.8 / 0.06	CORP TOWN OF COLLINGWOOD 201 ONTARIO ST COLLINGWOOD ON L9Y 4M4	FSTH
License Issue Date: Tank Status: Tank Status As Of: Operation Type: Facility Type:		6/4/1990 Licensed December 2008 Private Fuel Outlet Gasoline Station - Self Serve			
<u>--Details--</u>					
Status: Year of Installation: Corrosion Protection: Capacity:		Active 1980 4546			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tank Fuel Type:		Liquid Fuel Single Wall UST - Diesel			
Status:		Active			
Year of Installation:		1980			
Corrosion Protection:					
Capacity:		4546			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1980			
Corrosion Protection:					
Capacity:		4546			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			

2

4 of 7

NNW/46.5

180.8 / 0.06

TOWN OF COLLINGWOOD

201 ONTARIO ST COLLINGWOOD L9Y 4M4 ON

CA

ON

FST

Instance No:

10683758

Status:

Cont Name:

Instance Type:

FS Liquid Fuel Tank

Item:

Item Description:

FS Liquid Fuel Tank

Tank Type:

Single Wall UST

Install Date:

1/2/1990

Install Year:

1980

Years in Service:

Model:

NULL

Description:

Capacity:

4546

Tank Material:

Steel

Corrosion Protect:

Impressed Current

Overfill Protect:

Facility Type:

FS Liquid Fuel Tank

Parent Facility Type:

Fuels Safety Private Fuel Outlet - Self Serve

Facility Location:

Device Installed Location:

201 ONTARIO ST COLLINGWOOD L9Y 4M4 ON CA

Manufacturer:

Serial No:

Ulc Standard:

Quantity:

Unit of Measure:

Fuel Type:

Gasoline

Fuel Type2:

NULL

Fuel Type3:

NULL

Piping Steel:

Piping Galvanized:

Tanks Single Wall St:

Piping Underground:

No Underground:

Panam Related:

Panam Venue:

Liquid Fuel Tank Details

Overfill Protection:

Owner Account Name:

TOWN OF COLLINGWOOD

Item:

FS LIQUID FUEL TANK

<u>2</u>	5 of 7	NNW/46.5	180.8 / 0.06	TOWN OF COLLINGWOOD 201 ONTARIO ST COLLINGWOOD L9Y 4M4 ON CA ON	FST
Instance No:		10683670		Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:		FS Liquid Fuel Tank		Quantity:	
Item:				Unit of Measure:	
Item Description:		FS Liquid Fuel Tank		Fuel Type:	Diesel
Tank Type:		Single Wall UST		Fuel Type2:	NULL
Install Date:		1/2/1990		Fuel Type3:	NULL
Install Year:		1980		Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:		NULL		Tanks Single Wall St:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description: Capacity: 4546 Tank Material: Steel Corrosion Protect: Impressed Current Overfill Protect: Facility Type: FS Liquid Fuel Tank Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve Facility Location: Device Installed Location: 201 ONTARIO ST COLLINGWOOD L9Y 4M4 ON CA Piping Underground: No Underground: Panam Related: Panam Venue:					
<u>Liquid Fuel Tank Details</u>					
Overfill Protection: Owner Account Name: TOWN OF COLLINGWOOD Item: FS LIQUID FUEL TANK					
2	6 of 7	NNW/46.5	180.8 / 0.06	TOWN OF COLLINGWOOD 201 ONTARIO ST COLLINGWOOD L9Y 4M4 ON CA ON	FST
Instance No: 10683695 Status: Cont Name: Instance Type: FS Liquid Fuel Tank Item: Item Description: FS Liquid Fuel Tank Tank Type: Single Wall UST Install Date: 1/2/1990 Install Year: 1980 Years in Service: Model: NULL Description: Capacity: 4546 Tank Material: Steel Corrosion Protect: Impressed Current Overfill Protect: Facility Type: FS Liquid Fuel Tank Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve Facility Location: Device Installed Location: 201 ONTARIO ST COLLINGWOOD L9Y 4M4 ON CA Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Gasoline Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: No Underground: Panam Related: Panam Venue:					
<u>Liquid Fuel Tank Details</u>					
Overfill Protection: Owner Account Name: TOWN OF COLLINGWOOD Item: FS LIQUID FUEL TANK					
2	7 of 7	NNW/46.5	180.8 / 0.06	Town of Collingwood 201 Ontario Street Collingwood ON L9Y 4M4	GEN
Generator No: ON5844752 SIC Code: SIC Description: Approval Years: As of Dec 2017 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		221 L			
Waste Class Name:		Light fuels			
<u>3</u>	1 of 1	NNE/46.9	181.8 / 1.00	COLLINGWOOD TOWN ONTARIO ST./MINNESOTA ST. COLLINGWOOD TOWN ON	CA
Certificate #:		3-0574-95-			
Application Year:		95			
Issue Date:		5/30/1995			
Approval Type:		Municipal sewage			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
<u>4</u>	1 of 1	W/64.0	180.0 / -0.83	140 Ontario Street Collingwood ON	EHS
Order No:		20170523336		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State:	ON
Report Date:		25-MAY-17		Search Radius (km):	.25
Date Received:		23-MAY-17		X:	-80.21221
Previous Site Name:				Y:	44.499892
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos			
<u>5</u>	1 of 1	SSW/64.4	180.8 / -0.02	Kristina Karen Palmer 205 St. Paul St , 211, 223 and 225 St. Paul Street Collingwood ON L9Y 3Z2	ECA
Approval No:		8666-7TYG7P		MOE District:	
Approval Date:		2009-07-17		City:	
Status:		Approved		Longitude:	
Record Type:		ECA		Latitude:	
Link Source:		IDS		Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:		ECA-Municipal Drinking Water Systems			
Project Type:		Municipal Drinking Water Systems			
Business Name:		Kristina Karen Palmer			
Address:		205 St. Paul St , 211, 223 and 225 St. Paul Street			
Full Address:					
Full PDF Link:					
PDF Site Location:					
<u>6</u>	1 of 2	E/82.6	182.7 / 1.89	Enbridge Energy Distribution Inc. 189 Minnesota St. Collingwood ON	SPL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ref No: Year: Incident Dt: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Site No: Facility Name: MOE Response: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Site Address: Site Region: Site Municipality: Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Environment Impact: Nature of Impact: Contaminant Qty: System Facility Address: Client Name: Client Type: Call Report Locatn Geodata: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Incident Summary: Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Source Type:	1735-BGSR95 10/9/2019 10/9/2019 10/24/2019 NA No County of Simcoe Barrie residential<UNOFFICIAL> 189 Minnesota St. Central Collingwood Leak/Break 0 other - see incident description Enbridge Energy Distribution Inc. Corporation 35 NATURAL GAS (METHANE) 1075 Air Operator/Human Error TSSA FSB:Enbridge/1" steel line damage/expired locates/safe/22 losses Unknown / N/A TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Pipeline/Components	Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved:	 2 - Minor Environment 		

6	2 of 2	E/82.6	182.7 / 1.89	ENBRIDGE GAS INC 189 MINNESOTA ST,,COLLINGWOOD,ON,L9Y 3S4,CA ON	PINC
Incident Id: Incident No: Incident Reported Dt: Type: Status Code: Tank Status: Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence:	 2698462 10/10/2019 FS-Pipeline Incident Pipeline Damage Reason Est 	Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Occurrence Start Dt: Depth: Customer Acct Name: Incident Address: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: Regulator Location: Method Details:					
7	1 of 14	WSW/101.9	179.9 / -0.85	Corporation of the County of Simcoe County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
7	2 of 14	WSW/101.9	179.9 / -0.85	Corporation of the County of Simcoe County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: Waste Class Name:					
7	3 of 14	WSW/101.9	179.9 / -0.85	Corporation of the County of Simcoe County of Simcoe 195 St. Paul Street Collingwood ON	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
7	4 of 14	WSW/101.9	179.9 / -0.85	Corporation of the County of Simcoe County of Simcoe 195 St. Paul Street Collingwood ON	GEN
Generator No:		ON9066913			
SIC Code:		621911			
SIC Description:		Ambulance (except Air Ambulance) Services			
Approval Years:		2010			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
7	5 of 14	WSW/101.9	179.9 / -0.85	Corporation of the County of Simcoe County of Simcoe 195 St. Paul Street Collingwood ON	GEN
Generator No:		ON9066913			
SIC Code:		621911			
SIC Description:		Ambulance (except Air Ambulance) Services			
Approval Years:		2011			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
7	6 of 14	WSW/101.9	179.9 / -0.85	Corporation of the County of Simcoe County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON9066913 621911 Ambulance (except Air Ambulance) Services 2012			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			
7	7 of 14	WSW/101.9	179.9 / -0.85	Corporation of the County of Simcoe County of Simcoe 195 St. Paul Street Collingwood ON	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON9066913 621911 2013			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			
7	8 of 14	WSW/101.9	179.9 / -0.85	Corporation of the County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON9066913 621911 621911 2016 Canada Todd Morris CO_OFFICIAL 705-726-9300 Ext. No No			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	9 of 14	WSW/101.9	179.9 / -0.85	Corporation of the County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	GEN
Generator No:		ON9066913			
SIC Code:		621911			
SIC Description:		621911			
Approval Years:		2015			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:		Kim Gleason			
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:		705-726-9300 Ext.1349			
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
7	10 of 14	WSW/101.9	179.9 / -0.85	Corporation of the County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	GEN
Generator No:		ON9066913			
SIC Code:		621911			
SIC Description:		621911			
Approval Years:		2014			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:		Kim Gleason			
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:		705-726-9300 Ext.1349			
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
7	11 of 14	WSW/101.9	179.9 / -0.85	Corporation of the County of Simcoe PFP County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	GEN
Generator No:		ON9066913			
SIC Code:					
SIC Description:					
Approval Years:		As of Dec 2018			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
7	12 of 14	WSW/101.9	179.9 / -0.85	Corporation of the County of Simcoe PFP County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	GEN
Generator No:		ON9066913			
SIC Code:					
SIC Description:					
Approval Years:		As of Jul 2020			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
7	13 of 14	WSW/101.9	179.9 / -0.85	Corporation of the County of Simcoe PFP County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	GEN
Generator No:		ON9066913			
SIC Code:					
SIC Description:					
Approval Years:		As of Nov 2021			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
7	14 of 14	WSW/101.9	179.9 / -0.85	Corporation of the County of Simcoe PFP County of Simcoe 195 St. Paul Street Collingwood ON L9Y 3P5	GEN
Generator No:		ON9066913			
SIC Code:					
SIC Description:					
Approval Years:		As of Oct 2022			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		251 L			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
<u>8</u>	1 of 1	W/113.8	179.9 / -0.93	CANADA LANDS COMPANY LTD. ONTARIO ST./ST. PAUL ST. COLLINGWOOD TOWN ON	CA
Certificate #:		3-0578-97-			
Application Year:		97			
Issue Date:		6/26/1997			
Approval Type:		Municipal sewage			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
<u>9</u>	1 of 1	SSE/129.9	181.9 / 1.09	175 Fourth Street East Collingwood ON L9Y 1T9	PES
Detail Licence No:					
Licence No:		L-240-2112401604			
Status:		Active			
Approval Date:		2021-03-26			
Report Source:		PEST-Operator			
Licence Type:		Operator			
Licence Type Code:					
Licence Class:					
Licence Control:					
Latitude:		44.49833333			
Longitude:		-80.21083333			
Lot:					
Concession:					
Region:					
District:					
County:					
Trade Name:					
PDF URL:		http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2369631			
<u>10</u>	1 of 7	W/144.8	179.7 / -1.06	Dr. Peter B.Wells/Dr. Wade Mitchell. 150 Saint Paul St. Suite 102 Collingwood ON L9Y 3P2	GEN
Generator No:		ON7292647			
SIC Code:		621110			
SIC Description:					
Approval Years:		2011			
PO Box No:					
Country:					
Status:					
Co Admin:					

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Name:		PHARMACEUTICALS			
10	5 of 7	W/144.8	179.7 / -1.06	Dr. Peter B.Wells/Dr. Wade Mitchell. 150 Saint Paul St. Suite 102 Collingwood ON L9Y 3P2	GEN
Generator No:		ON7292647			
SIC Code:		621110			
SIC Description:		OFFICES OF PHYSICIANS			
Approval Years:		2015			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:					
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:					
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Name:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
10	6 of 7	W/144.8	179.7 / -1.06	Dr. Peter B.Wells/Dr. Wade Mitchell. 150 Saint Paul St. Suite 102 Collingwood ON L9Y 3P2	GEN
Generator No:		ON7292647			
SIC Code:		621110			
SIC Description:		OFFICES OF PHYSICIANS			
Approval Years:		2014			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:					
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:					
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Name:		PHARMACEUTICALS			
10	7 of 7	W/144.8	179.7 / -1.06	Dr. Peter B.Wells/Dr. Wade Mitchell. 150 Saint Paul St. Suite 102	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Collingwood ON L9Y 3P2					
Generator No:	ON7292647				
SIC Code:					
SIC Description:					
Approval Years:	As of Dec 2018				
PO Box No:					
Country:	Canada				
Status:	Registered				
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
Detail(s)					
Waste Class:	261 A				
Waste Class Name:	Pharmaceuticals				
Waste Class:	312 P				
Waste Class Name:	Pathological wastes				
11	1 of 2	NNE/149.2	182.2 / 1.39	PIPELINE HIT - 1/2" 148 NAPIER ST.,COLLINGWOOD,ON,L9Y 3T2,CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:	1675474			Fuel Category:	
Incident Reported Dt:	7/3/2015			Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	
Status Code:				Property Damage:	
Tank Status:	Pipeline Damage Reason Est			Service Interrupt:	
Task No:				Enforce Policy:	
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	
Fuel Occurrence Tp:				PSIG:	
Date of Occurrence:				Attribute Category:	
Occurrence Start Dt:				Regulator Location:	
Depth:				Method Details:	
Customer Acct Name:	PIPELINE HIT - 1/2"				
Incident Address:	148 NAPIER ST.,COLLINGWOOD,ON,L9Y 3T2,CA				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					
11	2 of 2	NNE/149.2	182.2 / 1.39	148 Napier St Collingwood ON	SPL
Ref No:	7342-9Y3QWL			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	7/3/2015			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	7/3/2015			Health/Env Conseq:	
Dt Document Closed:	8/26/2015			Agency Involved:	
Site No:	NA				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Facility Name: MOE Response: No Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Residential<UNOFFICIAL> Site Address: 148 Napier St Site Region: Site Municipality: Collingwood Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northings: Easting: Incident Cause: Incident Event: Environment Impact: Nature of Impact: Contaminant Qty: 0 other - see incident description System Facility Address: Client Name: Client Type: Call Report Locatn Geodata: Contaminant Code: 35 Contaminant Name: NATURAL GAS, COMPRESSED (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Operator/Human Error Incident Summary: Enbridge: 1/2" Plastic line, made safe Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Unknown / N/A SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Source Type:					
12	1 of 1	E/155.6	183.3 / 2.52	Enbridge Gas Distribution Inc. 240 Napier Street Collingwood ON	SPL
Ref No: 1115-B2S44N Year: Incident Dt: 2018/07/17 Dt MOE Arvl on Scn: MOE Reported Dt: 2018/07/17 Dt Document Closed: Site No: NA Facility Name: MOE Response: No Site County/District: County of Simcoe Site Geo Ref Meth: Site District Office: Barrie Nearest Watercourse: Site Name: Residential<UNOFFICIAL> Site Address: 240 Napier Street Site Region: Central Site Municipality: Collingwood Site Lot: Site Conc:					
				Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Agency Involved:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Leak/Break Environment Impact: Nature of Impact: Contaminant Qty: 0 other - see incident description System Facility Address: Client Name: Enbridge Gas Distribution Inc. Client Type: Corporation Call Report Locatn Geodata: Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: 1075 Receiving Medium: Receiving Environment: Air Incident Reason: Operator/Human Error Incident Summary: TSSA FSB: Gas meter damage, no release Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Miscellaneous Communal SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Source Type: Pipeline/Components					

13	1 of 2	SSE/160.6	181.6 / 0.83	175 Fourth Street East Collingwood ON L9Y 1T9	PES
Detail Licence No: Licence No: L-240-2112401604 Status: Active Approval Date: December, 17 2021 Report Source: PEST-Operator Licence Type: Operator Licence Type Code: Licence Class: Licence Control: Latitude: 44.49833333 Longitude: -80.21083333 Lot: Concession: Region: District: County: Trade Name: PDF URL: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2546127					
Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: Barrie SWP Area Name: Nottawasaga Valley					

13	2 of 2	SSE/160.6	181.6 / 0.83	MARCO REICHEL 175 Fourth Street East Collingwood ON L9Y 1T9	PES
Detail Licence No: Licence No: L-240-2112401604 Status: Active Approval Date: December 6, 2022 Report Source: PEST-Operator Licence Type: Operator Licence Type Code:					
Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Licence Class: Licence Control: Latitude: 44.49833333 Longitude: -80.21083333 Lot: Concession: Region: District: County: Trade Name: PDF URL: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2802565					
Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: Barrie SWP Area Name: Nottawasaga Valley					

14	1 of 1	W/168.6	179.9 / -0.87	PUC 128 ST PAUL ST (IN FRONT OF) MOTOR VEHICLE (OPERATING FLUID) COLLINGWOOD TOWN ON	SPL
Ref No: 175249 Year: Incident Dt: 11/27/1999 Dt MOE Arvl on Scn: MOE Reported Dt: 11/27/1999 Dt Document Closed: Site No: Facility Name: MOE Response: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Site Address: Site Region: Site Municipality: COLLINGWOOD TOWN Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: PIPE/HOSE LEAK Incident Event: Environment Impact: NOT ANTICIPATED Nature of Impact: Contaminant Qty: System Facility Address: Client Name: Client Type: Call Report Locatn Geodata: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: LAND Receiving Environment: Incident Reason: OVERSTRESS/OVERPRESSURE Incident Summary: COLLINGWOOD PUC-18 L HYD-AULIC OIL TO PVMT ONLY, RUPTURED HOSE. CLEANED. Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Source Type:					
Municipality No: 70403 Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	1 of 1	W/169.0	179.9 / -0.87	128 Saint Paul Street Collingwood ON L9Y 4X9	EHS
Order No: 23101200208 Status: C Report Type: Standard Report Report Date: 17-OCT-23 Date Received: 12-OCT-23 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -80.2137975 Y: 44.5005214			
16	1 of 1	E/188.4	184.4 / 3.64	The Corporation of the Town of Collingwood Minnesota Street Collingwood ON L9Y 2L9	ECA
Approval No: 8740-6SBPW8 Approval Date: 2006-08-04 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Nottawasaga Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: The Corporation of the Town of Collingwood Address: Minnesota Street Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6310-6QPLVT-14.pdf PDF Site Location:		MOE District: Barrie City: Longitude: -80.2082 Latitude: 44.4998 Geometry X: Geometry Y:			
17	1 of 1	SSW/201.4	180.9 / 0.07	Digital Plus Printing Communications 125 Fourth St E Collingwood ON L9Y 1T6	SCT
Established: 1989 Plant Size (ft²): Employment: 2 --Details-- Description: Quick Printing SIC/NAICS Code: 323114 Description: Digital Printing SIC/NAICS Code: 323115 Description: Other Printing SIC/NAICS Code: 323119					
18	1 of 1	NE/214.9	181.2 / 0.44	125 Napier St. & 20 West Street Collingwood ON L9Y 3T1	EHS
Order No: 20051220002 Status: C Report Type: Complete Report Report Date: 1/2/2006 Date Received: 12/20/2005 Previous Site Name:		Nearest Intersection: Simcoe st & Napier st. Municipality: Town of Collingwood Client Prov/State: ON Search Radius (km): 0.25 X: -80.209445 Y: 44.502057			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Size: Additional Info Ordered:					
19	1 of 1	SE/227.9	183.0 / 2.18	302 MINNESOTA STREET COLLINGWOOD ON L9Y 3S5	HINC
External File Num: Fuel Occurrence Type: Date of Occurrence: Fuel Type Involved: Status Desc: Job Type Desc: Oper. Type Involved: Service Interruptions: Property Damage: Fuel Life Cycle Stage: Root Cause:		FS INC 0611-03999 Pipeline Strike 11/21/2006 Natural Gas Completed - Causal Analysis(End) Incident/Near-Miss Occurrence (FS) Construction Site (pipeline strike) Yes No Transmission, Distribution and Transportation Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes			
Reported Details: Fuel Category: Occurrence Type: Affiliation: County Name: Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:		Gaseous Fuel Incident Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) Simcoe			
20	1 of 2	WNW/238.5	179.0 / -1.76	COLLINGWOOD ST. PAUL INC. CALLARY CRES./ST. PAUL ST. COLLINGWOOD ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		3-0557-98- 98 6/16/1998 Municipal sewage Approved			
20	2 of 2	WNW/238.5	179.0 / -1.76	COLLINGWOOD ST. PAUL INC. CALLARY CRES./ST. PAUL ST. COLLINGWOOD ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City:		7-0369-98- 98 6/16/1998 Municipal water Approved			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Client Postal Code: Project Description: Contaminants: Emission Control:					
21	1 of 2	WSW/242.9	180.0 / -0.78	Enbridge Energy Distribution Inc. 76 Ontario Street Collingwood ON	SPL
Ref No: 5344-B4PL5R Year: Incident Dt: 2018/09/17 Dt MOE Arvl on Scn: MOE Reported Dt: 2018/09/17 Dt Document Closed: Site No: NA Facility Name: MOE Response: No Site County/District: County of Simcoe Site Geo Ref Meth: Site District Office: Barrie Nearest Watercourse: Site Name: Residential<UNOFFICIAL> Site Address: 76 Ontario Street Site Region: Central Site Municipality: Collingwood Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Leak/Break Environment Impact: Nature of Impact: Contaminant Qty: 0 other - see incident description System Facility Address: Client Name: Enbridge Energy Distribution Inc. Client Type: Corporation Call Report Locatn Geodata: Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: 1075 Receiving Medium: Receiving Environment: Air Incident Reason: Operator/Human Error Incident Summary: TSSA 1/2 inch line damage, made safe Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Miscellaneous Communal SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Source Type: Pipeline/Components					
21	2 of 2	WSW/242.9	180.0 / -0.78	PIPELINE HIT 1/2" 76 ONTARIO ST,,COLLINGWOOD,ON,L9Y 1M3, CA ON	PINC

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Id: Incident No: 2399242 Incident Reported Dt: 9/17/2018 Type: FS-Pipeline Incident Status Code: Tank Status: Pipeline Damage Reason Est Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: PIPELINE HIT 1/2" Incident Address: 76 ONTARIO ST,,COLLINGWOOD,ON,L9Y 1M3,CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details:					
22	1 of 1	NNW/256.4	179.7 / -1.12	The Corporation of the Town of Collingwood 100 Minnesota St 40 Huron St Collingwood ON L9Y 3Z5	ECA
Approval No: 8976-BSPL6E Approval Date: 2020-08-25 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: The Corporation of the Town of Collingwood Address: 100 Minnesota St 40 Huron St Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2282-BSDH9W-14.pdf PDF Site Location: MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:					
23	1 of 1	SE/258.6	182.9 / 2.08	304 MINNESOTA STREET COLLINGWOOD ON L9Y 3S5	HINC
External File Num: FS INC 0611-04000 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 11/21/2006 Fuel Type Involved: Natural Gas Status Desc: Completed - Causal Analysis(End) Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Construction Site (pipeline strike) Service Interruptions: Yes Property Damage: No Fuel Life Cycle Stage: Transmission, Distribution and Transportation Root Cause: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)					

46 erisinfo.com | Environmental Risk Information Services Order No: 23112900671

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	1 of 1	WNW/280.5	178.3 / -2.44	ENTERPRISE-BULLETIN, THE 77 SIMCOE STREET COLLINGWOOD ON	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON6674235 323119 Other Printing 2012			
27	1 of 1	WNW/280.7	178.8 / -1.98	76, 78, 80 Simcoe Street Collingwood ON	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20050516019 C 5/26/2005 5/16/2005 Fire Insur. Maps and/or Site Plans; Title Search			
		Nearest Intersection: St. Marie Street (possibly) Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -80.215113 Y: 44.50098			
28	1 of 4	WNW/293.3	178.0 / -2.80	THE ENTERPRISE-BULLETIN 77 SAINT MARIE ST COLLINGWOOD ON L9Y 3J9	SCT
Established: Plant Size (ft²): Employment:		1857 8000 25			
--Details--					
Description:		NEWSPAPERS: PUBLISHING, OR PUBLISHING AND PRINTING			
SIC/NAICS Code:		2711			
Description:		COMMERCIAL PRINTING, NOT ELSEWHERE CLASSIFIED			
SIC/NAICS Code:		2759			
Description:		Quick Printing			
SIC/NAICS Code:		323114			
Description:		Digital Printing			
SIC/NAICS Code:		323115			
Description:		Other Printing			
SIC/NAICS Code:		323119			
Description:		Newspaper Publishers			
SIC/NAICS Code:		511110			
28	2 of 4	WNW/293.3	178.0 / -2.80	The Enterprise-Bulletin - Div. of Hollinger Inc. 77 Saint Marie St Collingwood ON L9Y 3J9	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Established: Plant Size (ft²): Employment:		1857 8000 30			
28	3 of 4	WNW/293.3	178.0 / -2.80	The Enterprise Bulletin 77 Saint Marie St Collingwood ON L9Y 3J9	SCT
Established: Plant Size (ft²): Employment:		01-AUG-57 8000			
--Details-- Description: SIC/NAICS Code:		Newspaper Publishers 511110			
28	4 of 4	WNW/293.3	178.0 / -2.80	COLLINGWOOD ENTERPRISE BULLETIN 77 ST. MARIE STREET COLLINGWOOD ON L9Y 3Z4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON2303500 2841 NEWSPAPER, ETC. IND. 97,98,99,00,01			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		145 PAINT/PIGMENT/COATING RESIDUES			
Waste Class: Waste Class Name:		252 WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Name:		264 PHOTOPROCESSING WASTES			
29	1 of 2	NW/295.7	179.7 / -1.04	40 Huron St Collingwood ON L9Y4R3	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20150625063 C Standard Report 03-JUL-15 25-JUN-15 38,635sf (Total Building Square Footage) 1.81 acres Aerial Photos	Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	Collingwood ON .25 -80.213339 44.503274	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
29	2 of 2	NW/295.7	179.7 / -1.04	CORPORATION OF THE TOWN OF COLLINGWOOD 40 HURON ST COLLINGWOOD ON L9Y 4R3	EASR
Approval No: R-009-4112546587 Status: REGISTERED Date: 2020-10-02 Record Type: EASR Link Source: MOFA Project Type: Water Taking - Construction Dewatering Full Address: Approval Type: EASR-Water Taking - Construction Dewatering SWP Area Name: Nottawasaga Valley PDF URL: PDF Site Location: MOE District: Barrie Municipality: COLLINGWOOD Latitude: 44.50333333 Longitude: -80.21333333 Geometry X: Geometry Y:					

Unplottable Summary

Total: **11** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 43 Con 8	Nottawasaga ON	
CA	MORBAY PROPERTY DEVELOPMENT LTD.	MINNESOTA STREET	COLLINGWOOD TOWN ON	
CA	The Corporation of the Town of Collingwood	Minnesota Street	Collingwood ON	
CA	SIMCOE COUNTY	LOT 43, CONC. 8, SUNSET MANOR	COLLINGWOOD TOWN ON	
CA	The Corporation of the Town of Collingwood	St. Marie St	Collingwood ON	
CA	MORBAY PROPERTY DEVELOP.LTD.	MINNESOTA ST.	COLLINGWOOD TOWN ON	
CA	MORBAY PROPERTY DEVELOP.LTD.	MINNESOTA ST.	COLLINGWOOD TOWN ON	
ECA	The Corporation of the Town of Collingwood	St. Marie St	Collingwood ON	L9Y 2L9
ECA	The Corporation of the Town of Collingwood	St. Marie St , Collingwood Town, County of Simcoe, Ontario, Canada	Collingwood ON	L9Y 2L9
SPL	PUC	WASTE TRANSFER SITE AT 14TH ST. E. MOTOR VEHICLE (OPERATING FLUID)	SIMCOE TOWN ON	
WWIS		lot 43	ON	

Unplottable Report

Site: Lot 43 Con 8 Nottawasaga ON

Database:
[AAGR](#)

Type: Pit
Region/County: Simcoe
Township: Nottawasaga
Concession: 8
Lot: 43
Size (ha):
Landuse: recreation area
Comments: ball diamond

Site: MORBAY PROPERTY DEVELOPMENT LTD.
MINNESOTA STREET COLLINGWOOD TOWN ON

Database:
[CA](#)

Certificate #: 7-0035-87-
Application Year: 87
Issue Date: 6/4/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: The Corporation of the Town of Collingwood
Minnesota Street Collingwood ON

Database:
[CA](#)

Certificate #: 8740-6SBPW8
Application Year: 2006
Issue Date: 8/4/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: SIMCOE COUNTY
LOT 43, CONC. 8, SUNSET MANOR COLLINGWOOD TOWN ON

Database:
[CA](#)

Certificate #: 8-5026-95-
Application Year: 95
Issue Date: 3/14/1995
Approval Type: Industrial air
Status: Approved
Application Type:

Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: (2) NATURAL GAS-FIRED BOILERS
Contaminants: Nitrogen Oxides
Emission Control: No Controls

Site: *The Corporation of the Town of Collingwood*
St. Marie St Collingwood ON

Database:
[CA](#)

Certificate #: 6373-745H5H
Application Year: 2007
Issue Date: 7/20/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *MORBAY PROPERTY DEVELOP.LTD.*
MINNESOTA ST. COLLINGWOOD TOWN ON

Database:
[CA](#)

Certificate #: 7-0575-85-000
Application Year: 85
Issue Date: 2/4/86
Approval Type: Municipal water
Status: Application Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *MORBAY PROPERTY DEVELOP.LTD.*
MINNESOTA ST. COLLINGWOOD TOWN ON

Database:
[CA](#)

Certificate #: 3-0800-85-000
Application Year: 85
Issue Date: 2/4/86
Approval Type: Municipal sewage
Status: Application Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *The Corporation of the Town of Collingwood*
St. Marie St Collingwood ON L9Y 2L9

Database:
[ECA](#)

Approval No:	0120-745H9F	MOE District:
Approval Date:	2007-07-20	City:
Status:	Approved	Longitude:
Record Type:	ECA	Latitude:
Link Source:	IDS	Geometry X:
SWP Area Name:		Geometry Y:
Approval Type:	ECA-Municipal Drinking Water Systems	
Project Type:	Municipal Drinking Water Systems	
Business Name:	The Corporation of the Town of Collingwood	
Address:	St. Marie St	
Full Address:		
Full PDF Link:		
PDF Site Location:		

Site: *The Corporation of the Town of Collingwood*
St. Marie St , Collingwood Town, County of Simcoe, Ontario, Canada Collingwood ON L9Y 2L9

Database:
[ECA](#)

Approval No:	6373-745H5H	MOE District:
Approval Date:	2007-07-20	City:
Status:	Approved	Longitude:
Record Type:	ECA	Latitude:
Link Source:	IDS	Geometry X:
SWP Area Name:		Geometry Y:
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS	
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS	
Business Name:	The Corporation of the Town of Collingwood	
Address:	St. Marie St , Collingwood Town, County of Simcoe, Ontario, Canada	
Full Address:		
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/7780-6ZCPPH-14.pdf	
PDF Site Location:		

Site: *PUC*
WASTE TRANSFER SITE AT 14TH ST. E. MOTOR VEHICLE (OPERATING FLUID) SIMCOE TOWN ON

Database:
[SPL](#)

Ref No:	107805	Municipality No:	12403
Year:		Nature of Damage:	
Incident Dt:	11/29/1994	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	11/29/1994	Health/Env Conseq:	
Dt Document Closed:		Agency Involved:	
Site No:			
Facility Name:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	SIMCOE TOWN		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	PIPE/HOSE LEAK		
Incident Event:			
Environment Impact:	POSSIBLE		
Nature of Impact:	Soil contamination		
Contaminant Qty:			
System Facility Address:			
Client Name:			
Client Type:			
Call Report Locatn Geodata:			

Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Receiving Environment:
Incident Reason: DAMAGE BY MOVING EQUIPMENT
Incident Summary: TOWN OF SIMCOE - 68L HYDRAULIC OIL TO LAND FROM OVERTURNED DUMPTRUCK
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

Site:
 lot 43 ON

Database:
 WWIS

Well ID:	5730163	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	09/07/1993
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	74331	Contractor:	2652
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliability:		Lot:	043
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	NOTTAWASAGA TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10407722	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	08/19/1993	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 932387527
Layer: 1
Color: 6

General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 24.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932387529
Layer: 3
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 43.0
Formation End Depth: 62.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932387531
Layer: 5
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 80.0
Formation End Depth: 89.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932387532
Layer: 6
Color: 6
General Color: BROWN
Mat1: 08
Most Common Material: FINE SAND
Mat2: 90
Mat2 Desc: VERY
Mat3:
Mat3 Desc:
Formation Top Depth: 89.0
Formation End Depth: 114.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932387528
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 24.0
Formation End Depth: 43.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932387530
Layer: 4
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 62.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933192879
Layer: 1
Plug From: 4.0
Plug To: 10.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 965730163
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10956292
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930661937
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 95.0
Casing Diameter: 6.0
Casing Diameter UOM: inch

Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933377289
Layer: 1
Slot: 010
Screen Top Depth: 92.0
Screen End Depth: 95.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 5.0

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 995730163
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 92.0
Recommended Pump Depth: 90.0
Pumping Rate: 2.0
Flowing Rate:
Recommended Pump Rate: 2.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935099392
Test Type: Draw Down
Test Duration: 60
Test Level: 92.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934308720
Test Type: Draw Down
Test Duration: 15
Test Level: 92.0
Test Level UOM: ft

Water Details

Water ID: 933890231
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 100.0
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

The Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of 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 Oct 2022

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-Mar 2022

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

Aboveground Storage Tanks:

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Oct 31, 2023

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Oct 31, 2023

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 -Aug 2023

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-Sep 2023

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994 - Oct 31, 2023

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 - Aug 2023

Delisted Fuel Tanks:

Provincial

[DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Feb 28, 2022

Environmental Activity and Sector Registry:

Provincial

[EASR](#)

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

Government Publication Date: Oct 2011- Sep 30, 2023

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 - Oct 31, 2023

Environmental Compliance Approval:

Provincial

[ECA](#)

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

Government Publication Date: Oct 2011- Sep 30, 2023

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-Sep 30, 2023

Environmental Issues Inventory System:

Federal

[EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial

EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2022

List of Expired Fuels Safety Facilities:

Provincial

EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

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. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Sep 2023

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal

FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: Oct 31, 2021

Fuel Storage Tank:

Provincial

FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2020

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario:

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: 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 include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Mar 21, 2022

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-Feb 2023

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2021

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-Oct 2022

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

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

Government Publication Date: 1974-2003***National PCB Inventory:**

Federal

[NPCB](#)

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

Government Publication Date: 1988-2008***National Pollutant Release Inventory 1993-2020:**

Federal

[NPR2](#)

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Sep 2020**National Pollutant Release Inventory - Historic:**

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. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017**Oil and Gas Wells:**

Private

[OGWE](#)

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

Government Publication Date: 1988-Aug 31, 2023**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 2023**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 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 - Oct 31, 2023

Canadian Pulp and Paper:

Private

[PAP](#)

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

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

Parks Canada Fuel Storage Tanks:

Federal

[PCFT](#)

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

[PES](#)

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

Government Publication Date: Oct 2011- Sep 30, 2023

NPRI Reporters - PFAS Substances:

Federal

[PFCH](#)

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI:

Federal

[PFHA](#)

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 2020

Pipeline Incidents:

Provincial

[PINC](#)

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing is an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2021

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 PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Oct 31, 2023

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: 1986-1990, 1992-2021

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-Sep 2023

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-Oct 31, 2023

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](#)

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. 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. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in February, March, May, June-November 2022, and January 2023 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Dec 2021; see description

Wastewater Discharger Registration Database:

Provincial

[SRDS](#)

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

Government Publication Date: 1990-Dec 31, 2020

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 - Apr 2023

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Sep 30, 2023

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: Mar 31 2023

Definitions

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

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

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

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

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

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

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

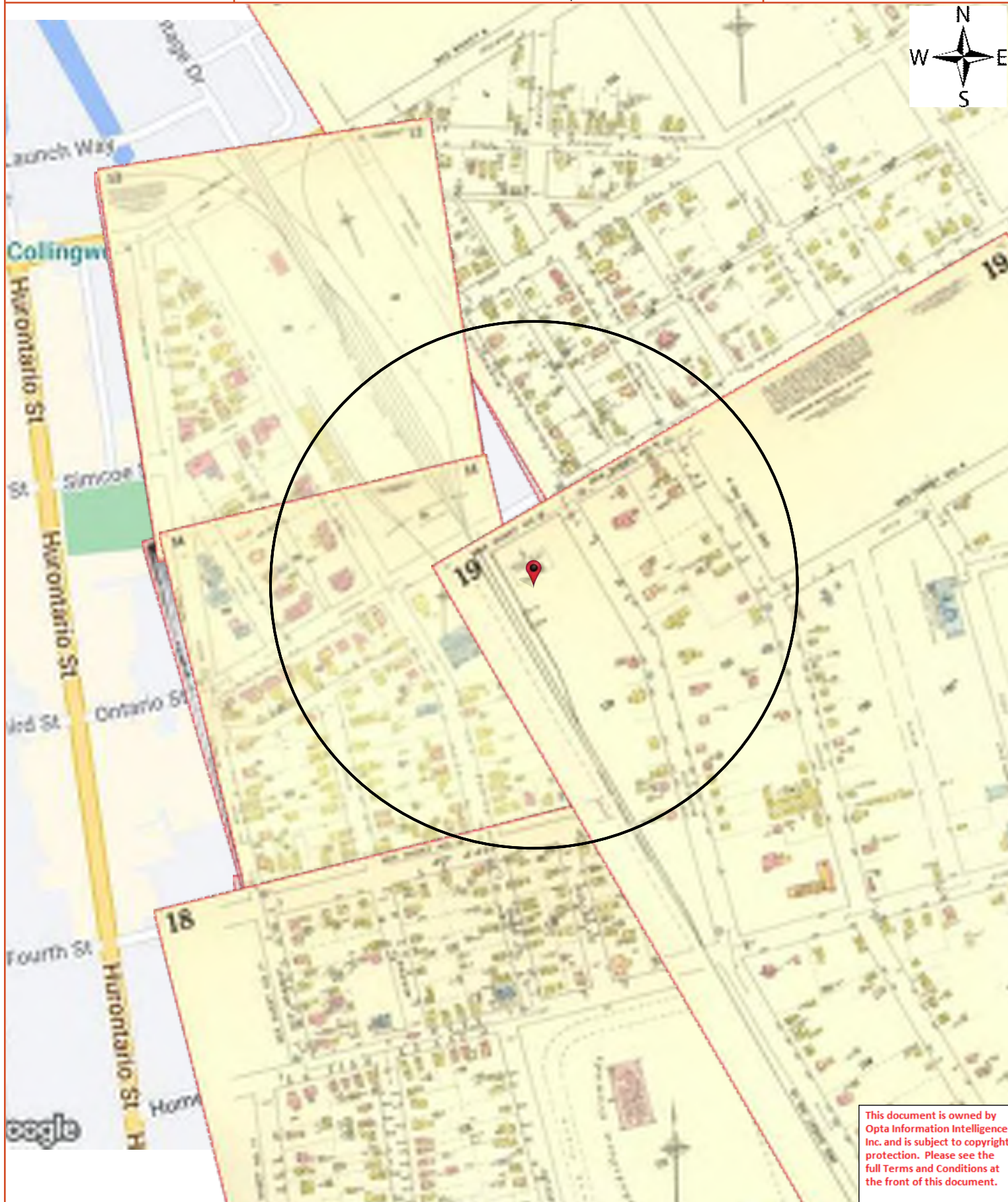
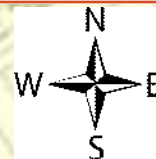
'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

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

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

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

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



Opta Historical Environmental Services EnviroscanTM 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.

Page: 4
Project Name: 180 Ontario St.
Phase I ESA

Project #: 23112900671
P.O. #: 25986970

ENVIROSCAN Report

Report Index

Requested by:
Eleanor Goolab

Date Completed: 12/06/2023 15:43:06



OPTA INFORMATION INTELLIGENCE

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6	(1917) Volume: Ontario Firemap: 15
8	(1917) Volume: Ontario Firemap: 16
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14	(1955) Volume: Collingwood Firemap: 9
16	(1955) Volume: Collingwood Firemap: 12
18	(1955) Volume: Collingwood Firemap: 14
20	(1955) Volume: Collingwood Firemap: 18
22	(1955) Volume: Collingwood Firemap: 19

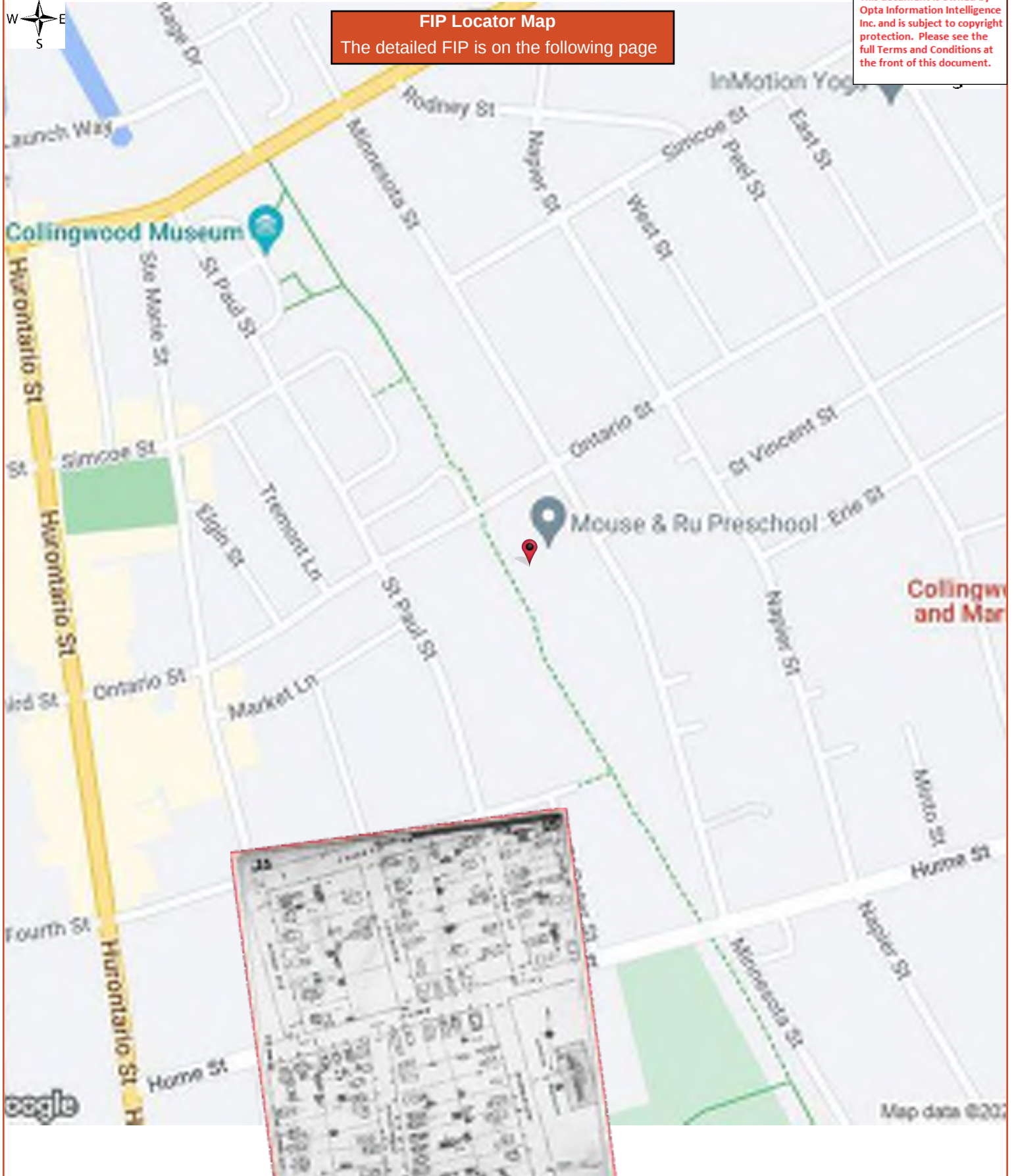


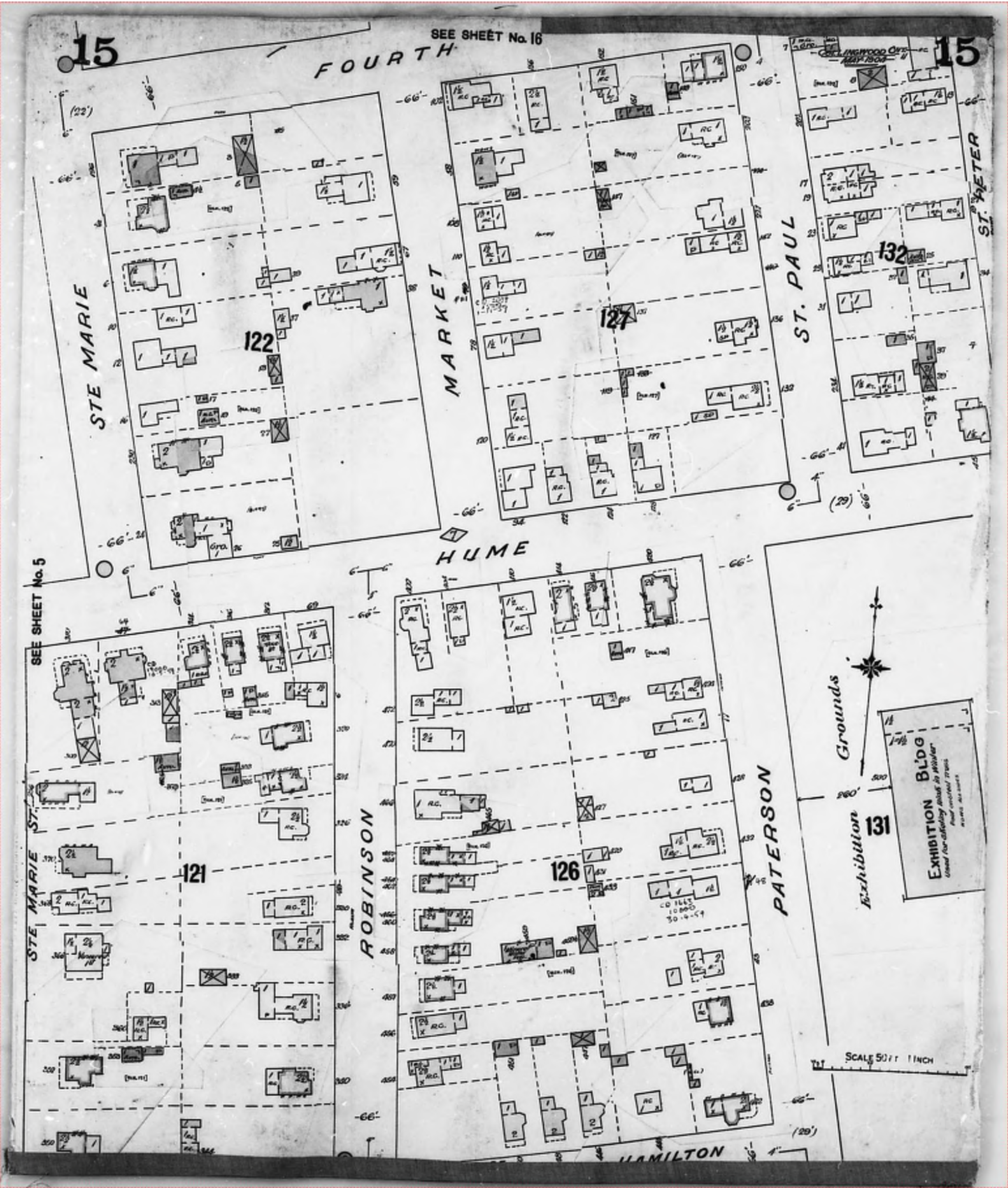
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FIP Locator Map

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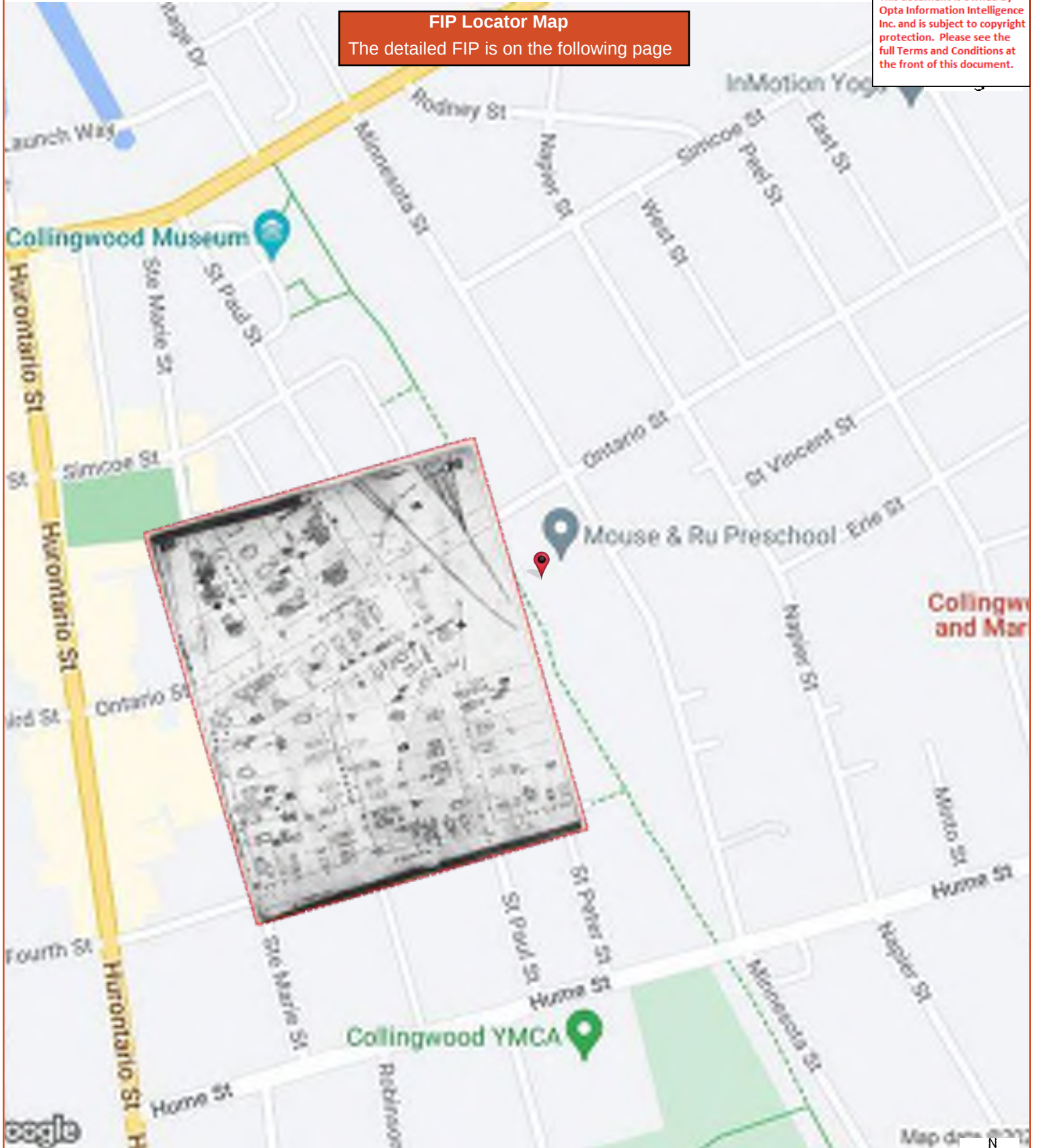


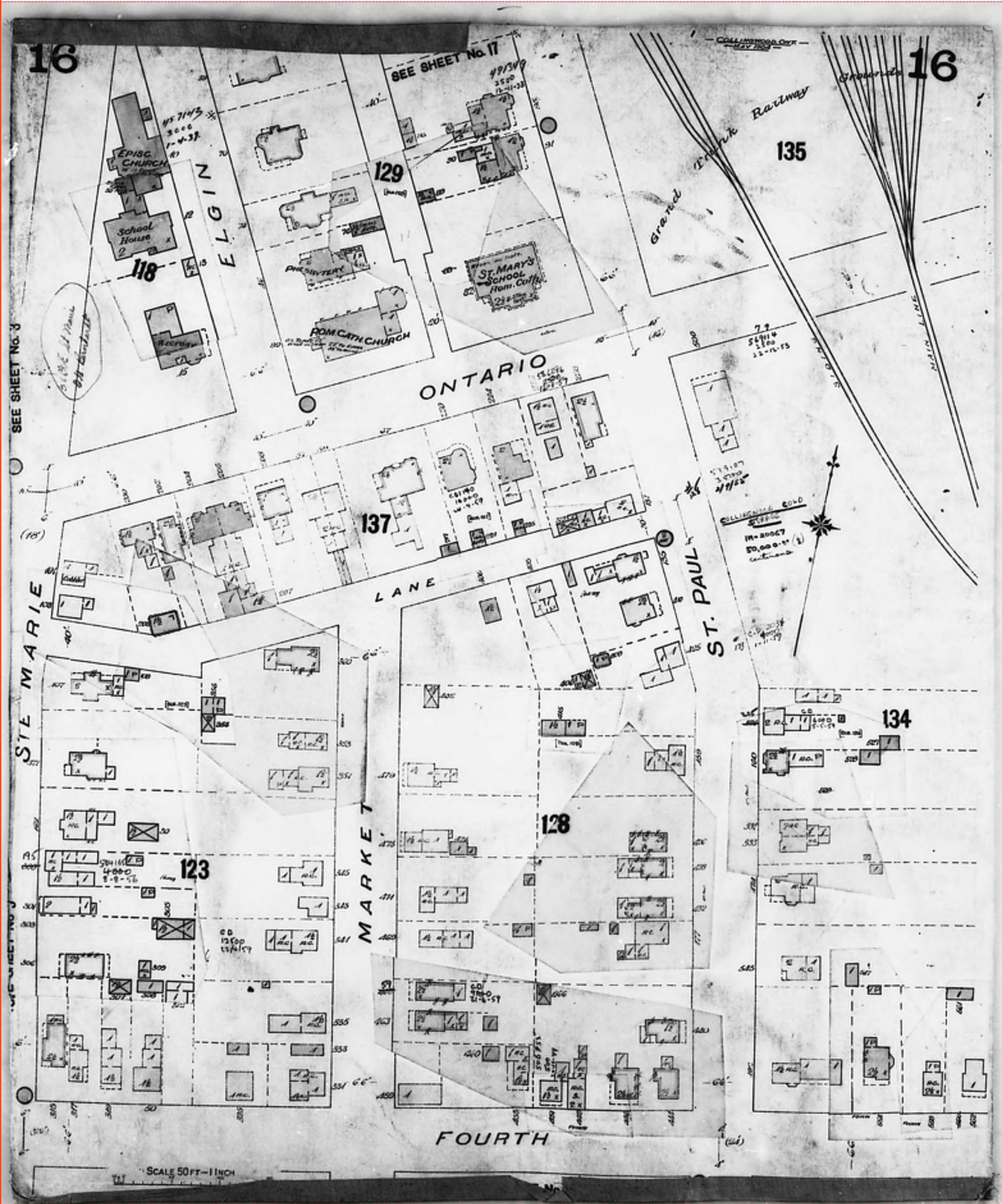


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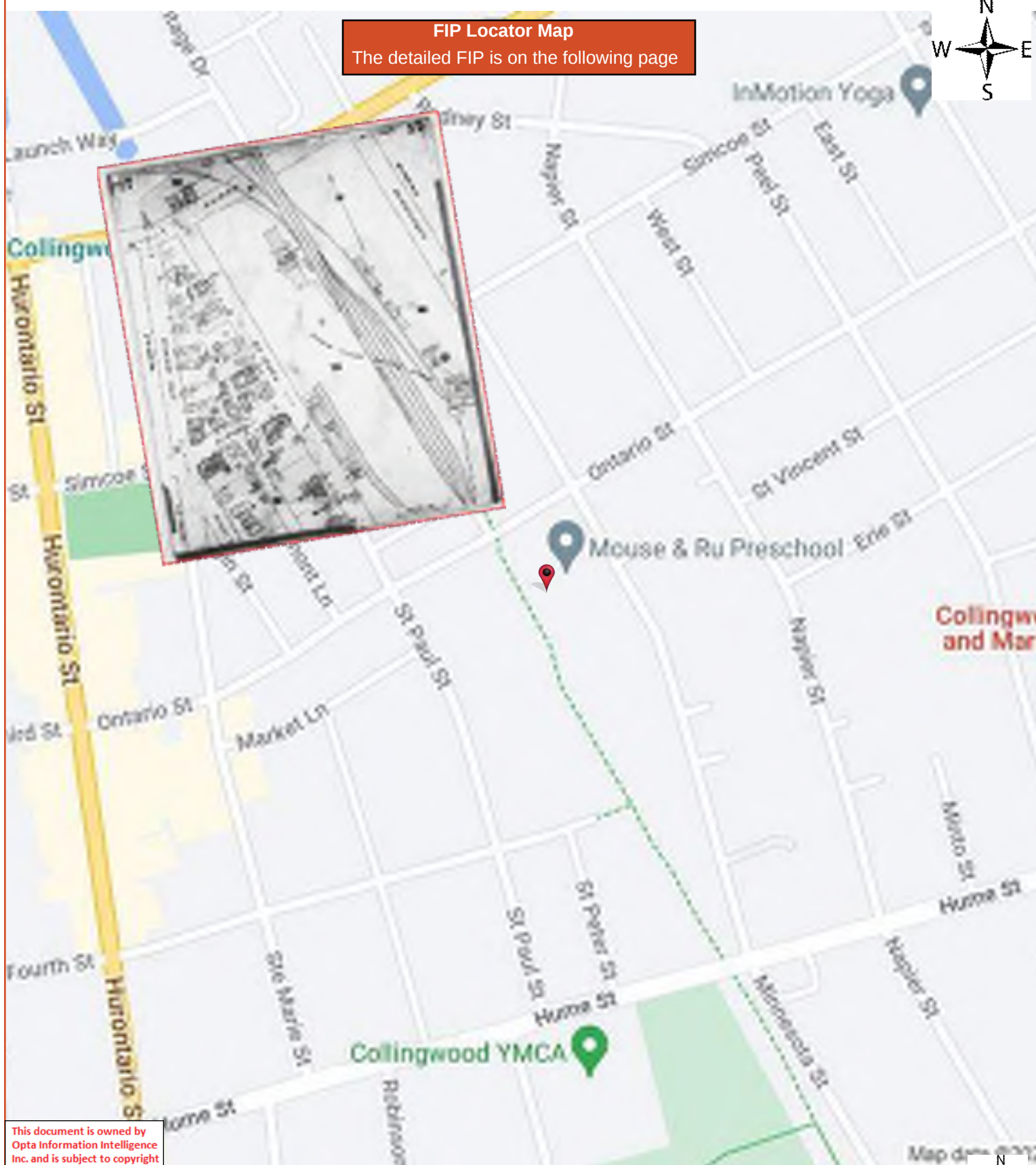
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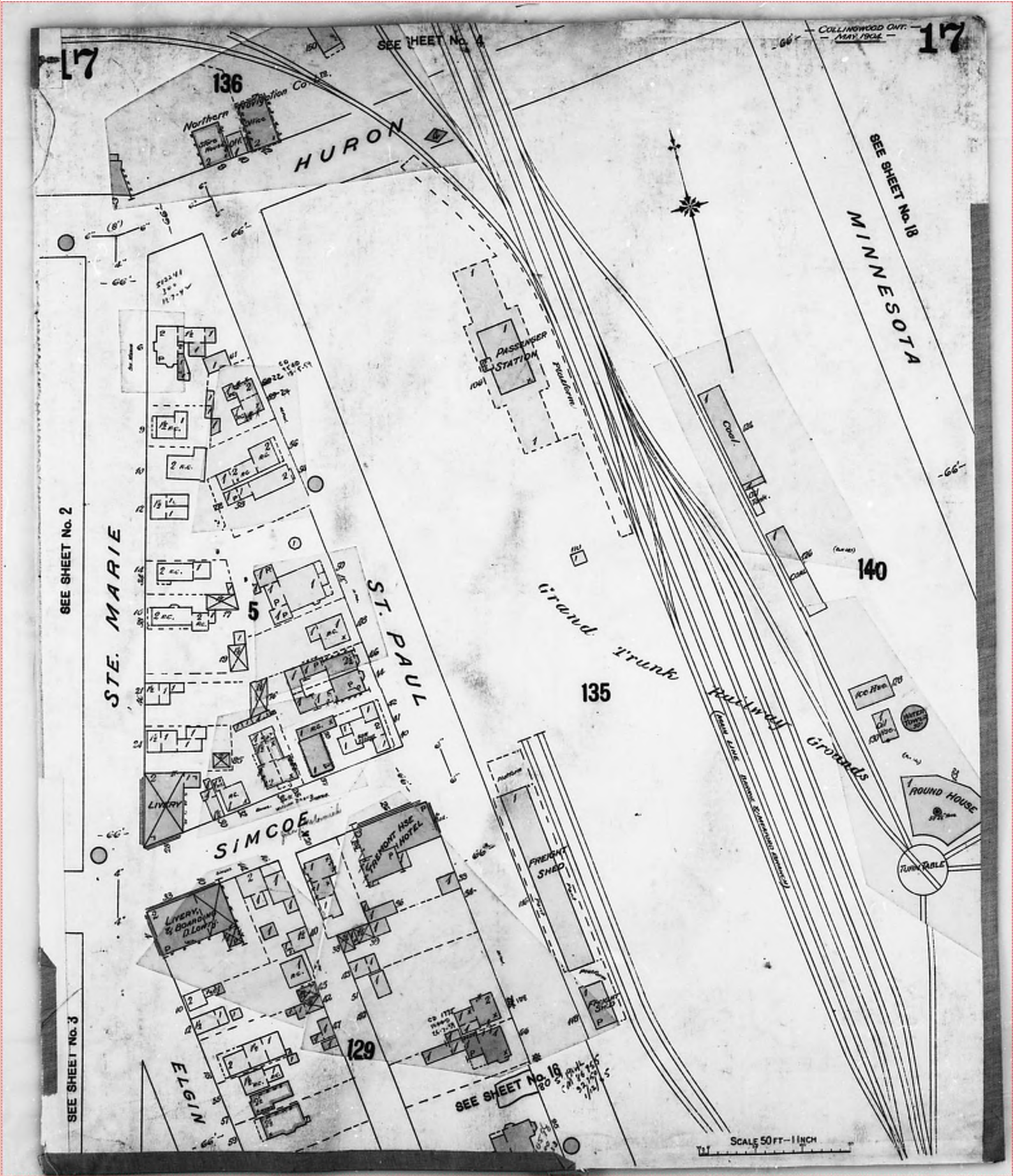




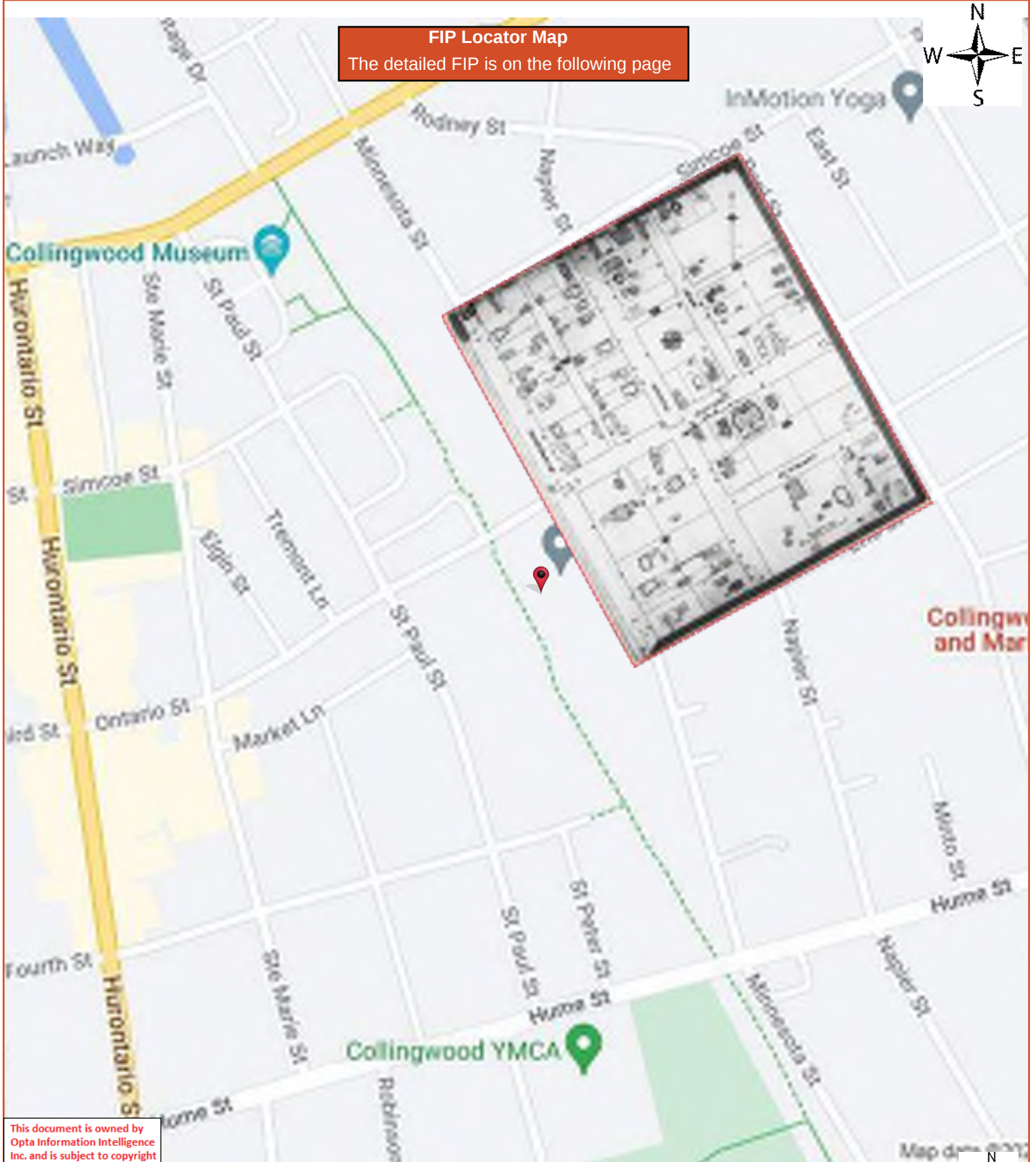
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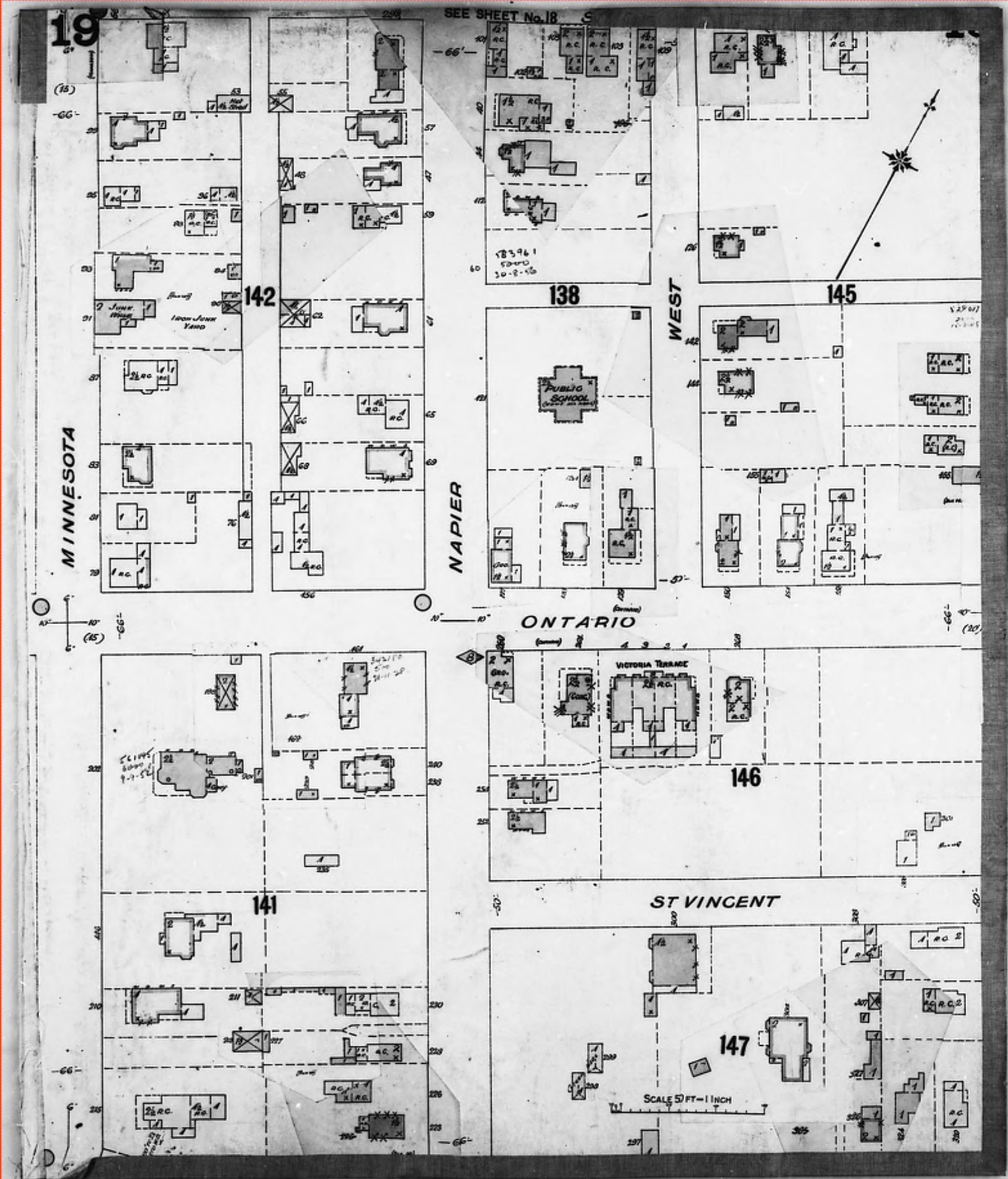


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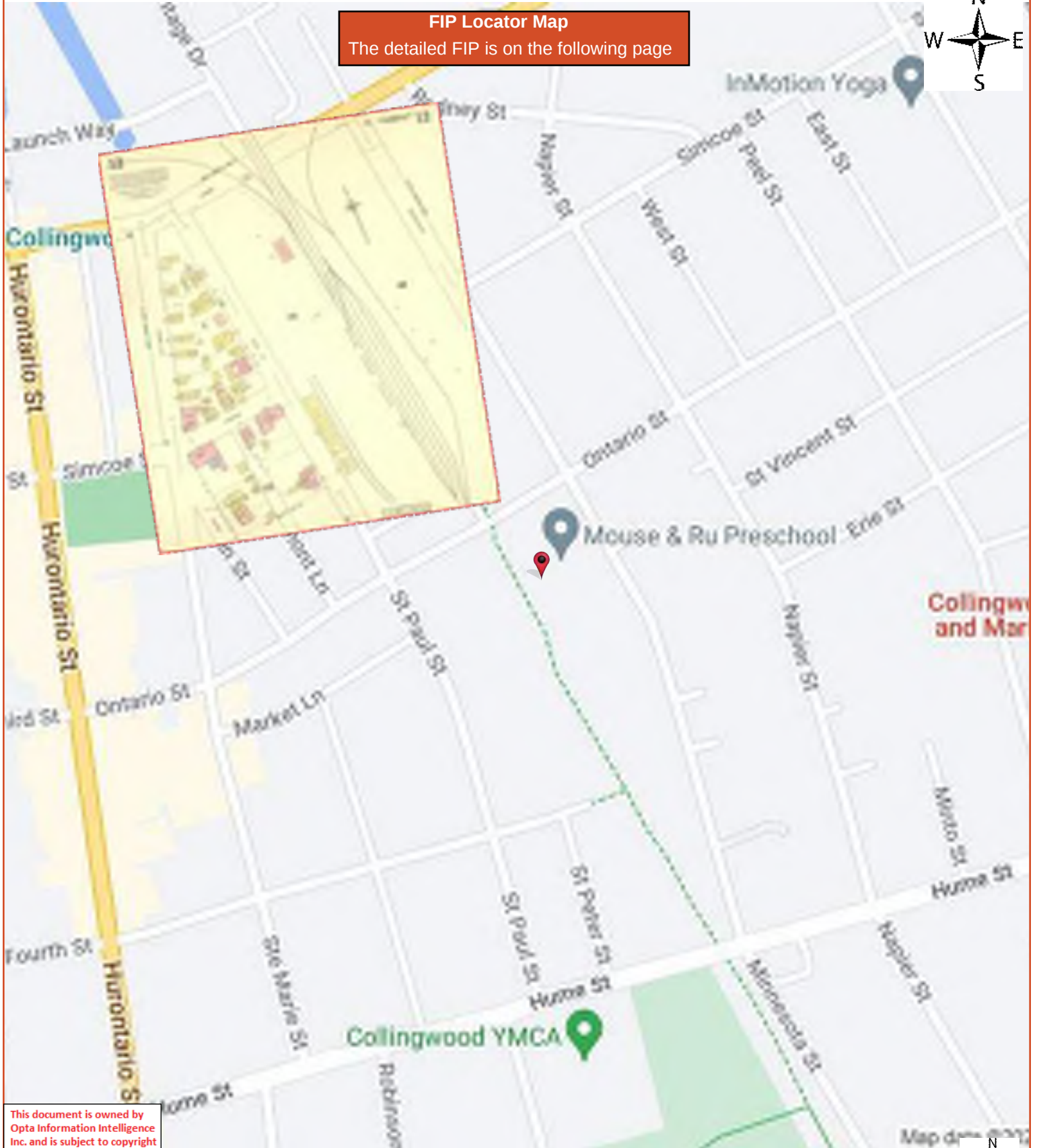
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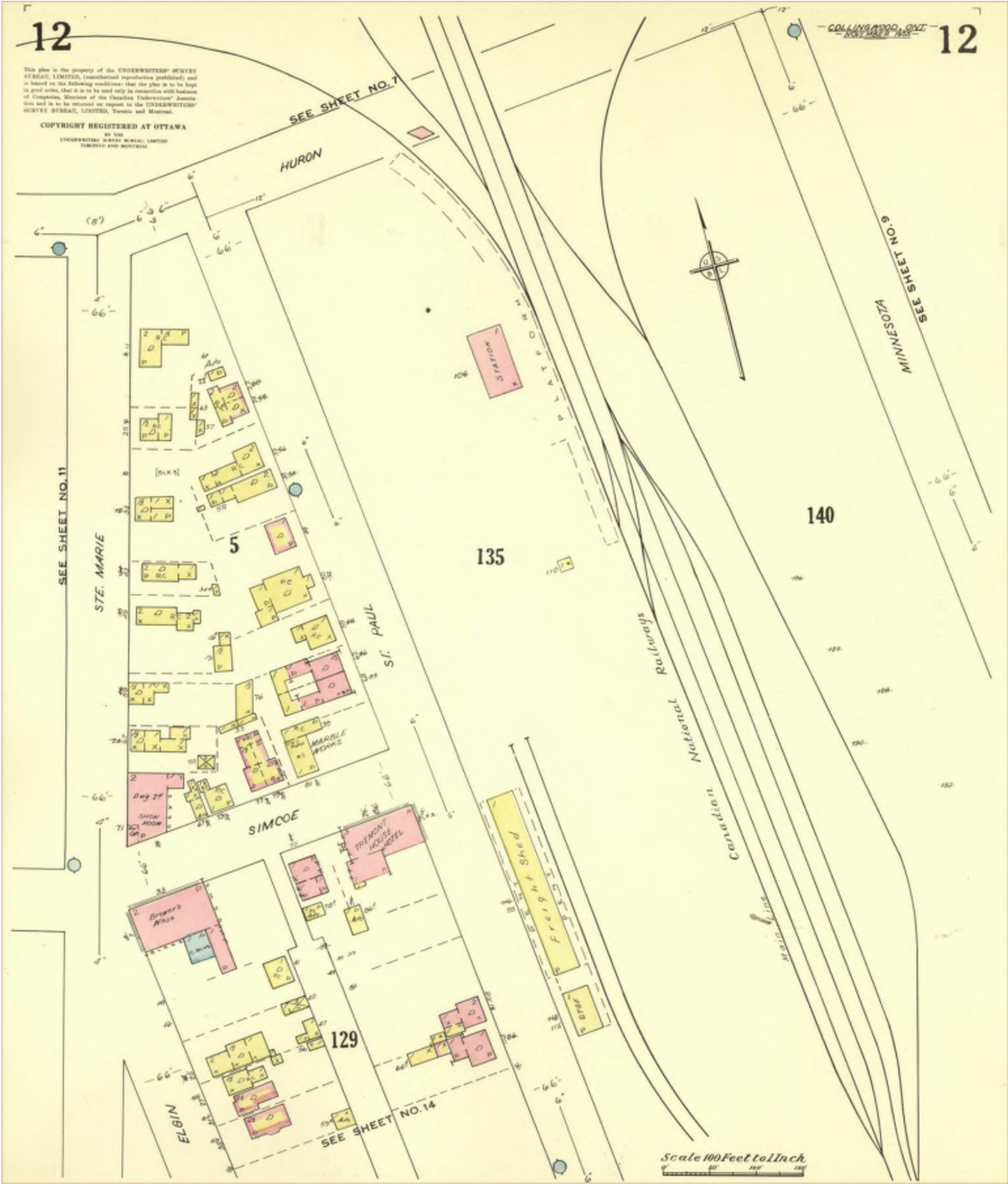
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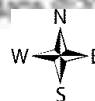
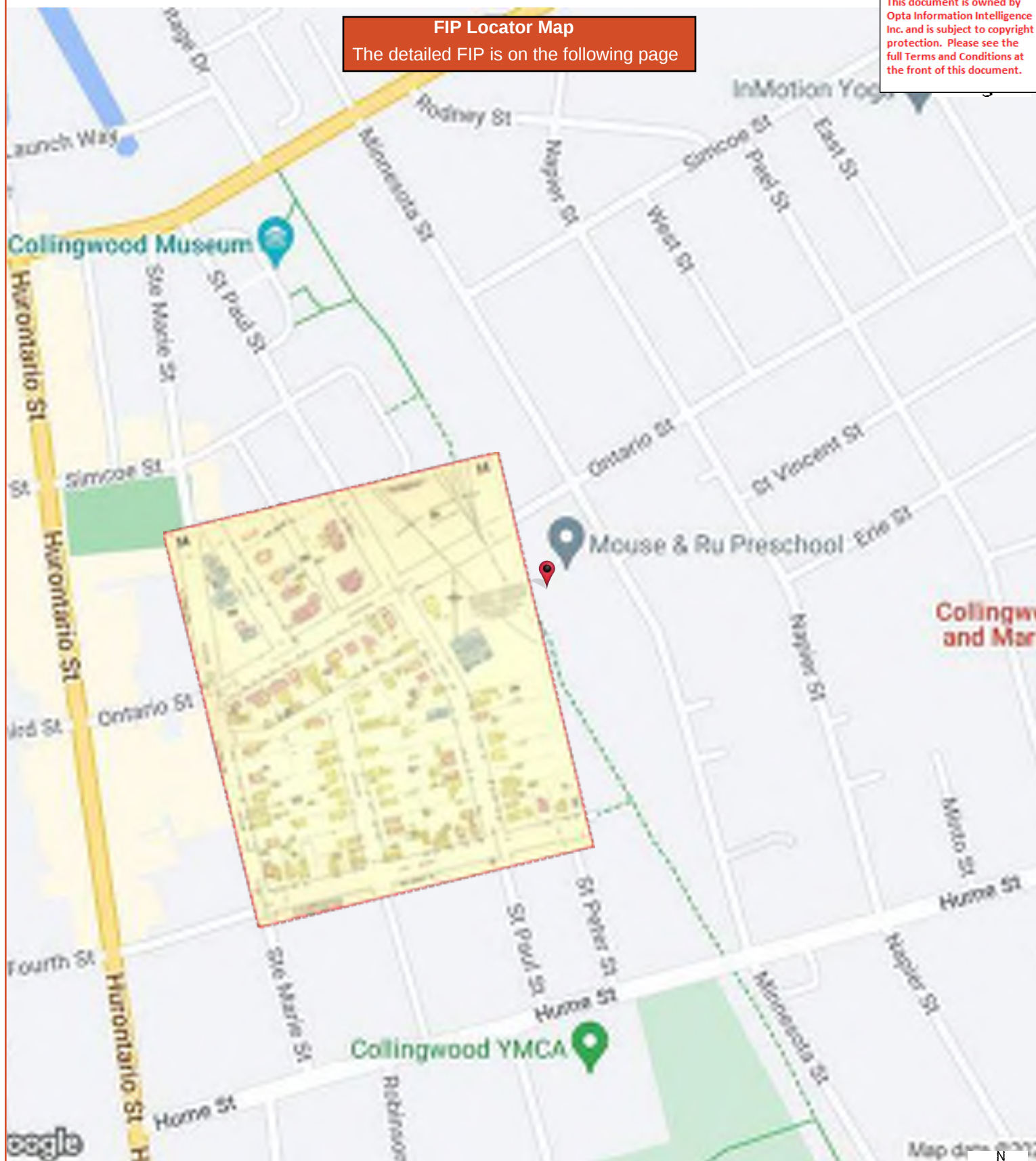




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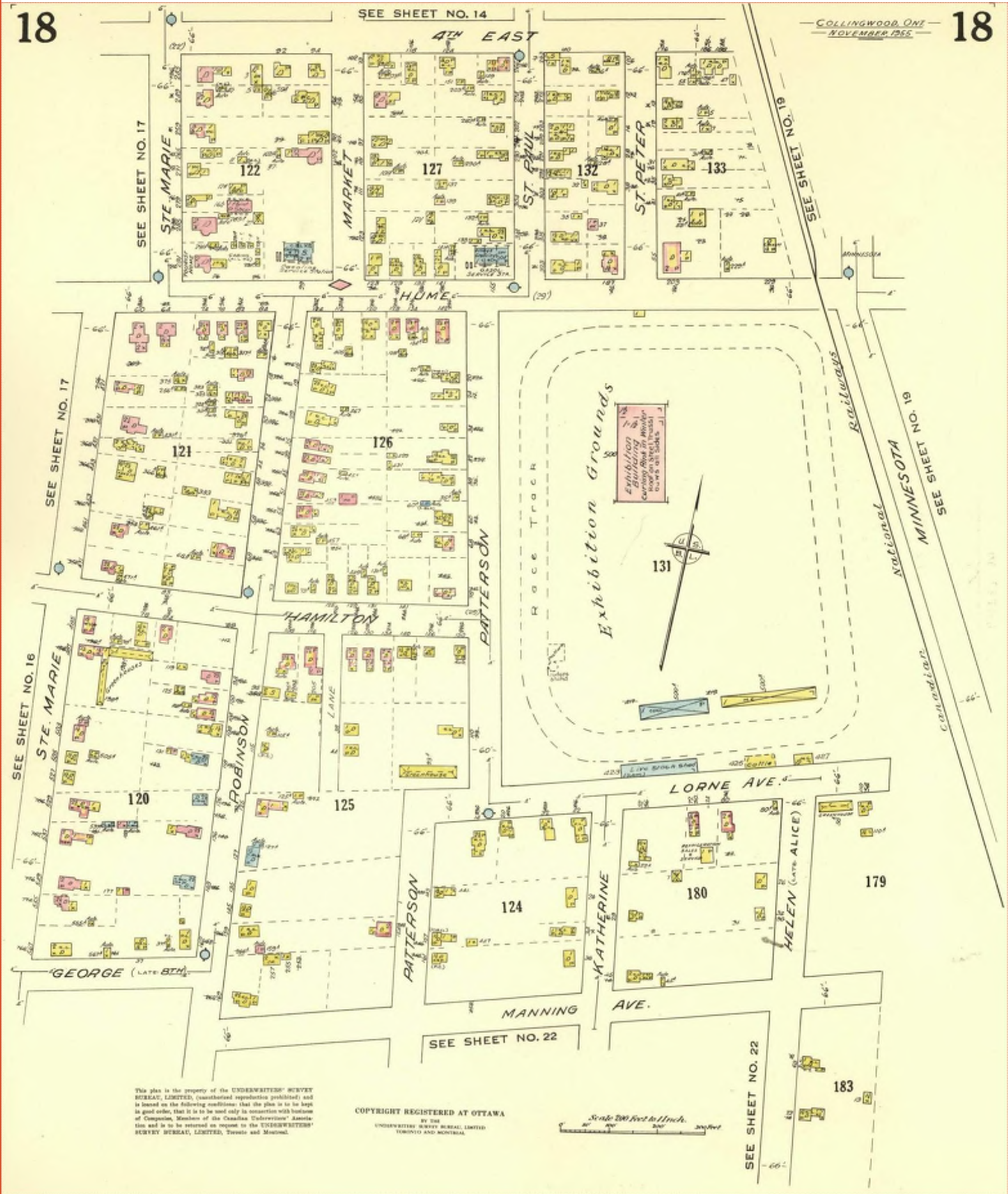




FIP Locator Map

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FIP Locator Map

The detailed FIP is on the following page





December 07, 2023
RE: CITY DIRECTORY RESEARCH
180 Ontario Street
Collingwood, ON L9Y 3S5

Thank you for contacting ERIS regarding our City Directory Search services. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. When searching a range of addresses, all civic addresses within that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on highly developed areas, while newly developed areas may be covered in the more recent years, older directories tend to cover only "central" parts of the city. To complete the search, we have either utilized the Toronto Reference Library, Library & Archives Canada and multiple digitized directories. While these do not claim to be a complete collection of all reverse listing city directories produced, ERIS has made every effort to provide accurate and complete information. ERIS shall not be held liable for missing, incomplete, or inaccurate information. If you believe there are additional addresses or streets that require searching, please contact us.

Search Criteria:

210-240 of Minnesota Street
150-205 of Ontario Street
169-205 Odd of St Paul Street

Search Notes:

Collingwood, ON is last listed in 1998.

Search Results Summary

Date	Source	Comment
2021	DIGITAL BUSINESS DIRECTORY	
2017	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
1999	POLKS	
1998	POLKS	

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

NO LISTING FOUND

- 180ALTERNATIVE SCHOOL...SCHOOLS
- 180COLLINGWOOD ADULT LEARNING CTR...READING IMPROVEMENT INSTRUCTION
- 180GEORGIAN LITERACY...READING IMPROVEMENT INSTRUCTION
- 201COLLINGWOOD FIRE DEPT...FIRE DEPARTMENTS
- 201COLLINGWOOD POLICE OFFICE...POLICE DEPARTMENTS

195

COUNTY OF SIMCOE PARAMEDIC SVC...AIR AMBULANCE SERVICE

NO LISTING FOUND

180

COLLINGWOOD ADULT LEARNING CTR...COLLEGES & UNIVERSITIES

180

GEORGIAN LITERACY...EDUCATIONAL SUPPORT SVCS

201

COLLINGWOOD FIRE DEPT...FIRE PROTECTION

201

COLLINGWOOD POLICE OFFICE...POLICE PROTECTION

195

COUNTY OF SIMCOE PARAMEDIC SVC...AMBULANCE SVCS

201

REINHART FOODS...UNCLASSIFIED

217

LARRY E LANT LAW OFFICES...OFFICES OF LAWYERS

180

COLLINGWOOD ADULT LEARNING CTR...COLLEGES & UNIVERSITIES

180

GEORGIAN LITERACY...EDUCATIONAL SUPPORT SVCS

201

COLLINGWOOD FIRE DEPT...FIRE PROTECTION

201

COLLINGWOOD POLICE OFFICE...POLICE PROTECTION

195 COUNTY OF SIMCOE PARAMEDIC SVC...AMBULANCE SVCS
201 REINHART FOODS...UNCLASSIFIED

201 Black R	L9Y 3S4 445-0592
217 Lani Larry E	L9Y 3S4 445-1418
220 Hawkins J D	L9Y 3S5 445-8969
224 Bessa Alex	L9Y 3S5 445-2854
227 Harvie D A	L9Y 3S4 445-0952
240 ALARMFORCE (CENTRAL ONTARIO) INC	L9Y 3S5 444-1917
White Vance	L9Y 3S5 444-0180
241 Bassett F A	L9Y 3S4 445-2113
255 Wilson Douglas A	

1999 ONTARIO STREET

SOURCE: POLKS

124 Kelly E #	L9Y 1M3 445-0882
180 COLLINGWOOD	
LEARNING	
CENTRE	L9Y 1M6 445-9019
GEORGIAN	
LITERACY	L9Y 1M8 444-2250
GRANT	
INTERNET	L9Y 1M6 446-2900
SIMCOE	
COUNTY	
DISTRICT	
SCHOOL	L9R 1E8 445-9019
231 Sandell Chas E #	L9Y 1M7 445-4234
238 Malloy Jeff	L9Y 1M8 444-5552

1999 ST PAUL STREET

SOURCE: POLKS

	Phone
190 Ironside R.	L9Y 3P4 445-4350
Ironside Robert	L9Y 3P4 445-8832
195 Williams B.	L9Y 3P5 445-7447
198 Hildehay K #	L9Y 3P4 444-0084
201 Reinhardt Foods	L9Y 3P5 445-8520
211 Mann Y	L9Y 3P5 445-8520

1998

MINNESOTA STREET

SOURCE: POLKS

201 Black R #	L9Y 3S4 445-0692
217 Lark Larry E #	L9Y 3S4 445-1419
224 Beebe Alex #	L9Y 3S5 445-2854
227 Harris D A #	L9Y 3S4 445-3952
240 ALARMFORCE (CENTRAL ONTARIO) INC	L9Y 3S5 444-1917
White Vance #	L9Y 3S5 444-0190
243 Bassett F A #	L9Y 3S4 445-2113

1998

ONTARIO STREET

SOURCE: POLKS

124 Kelly E #	L9Y 1M3 445-0882	
160 COLLINGWOOD LEARNING CENTRE	L9Y 1M6 445-9019	461
GEORGIAN LITERACY	L9Y 1M6 444-2250	462
231 Sandell Chas E #	L9Y 1M7 445-4234	463
256 EAST END		464

190 Ironside R	L9Y 3P4 445-4350
195 Williams B	445-7443
196 Stubbington K	L9Y 3P4 444-0084
201 REEMART	
FOODS	L9Y 3P5 445-5520
211 Pater D M	L9Y 3P5 446-1784
225 Merton S	L9Y 3P5 446-2390

APPENDIX D

Aerial Photographs

1954

Legend



Google Earth



200 m

1978

Legend

 180 Ontario St



1989

Legend

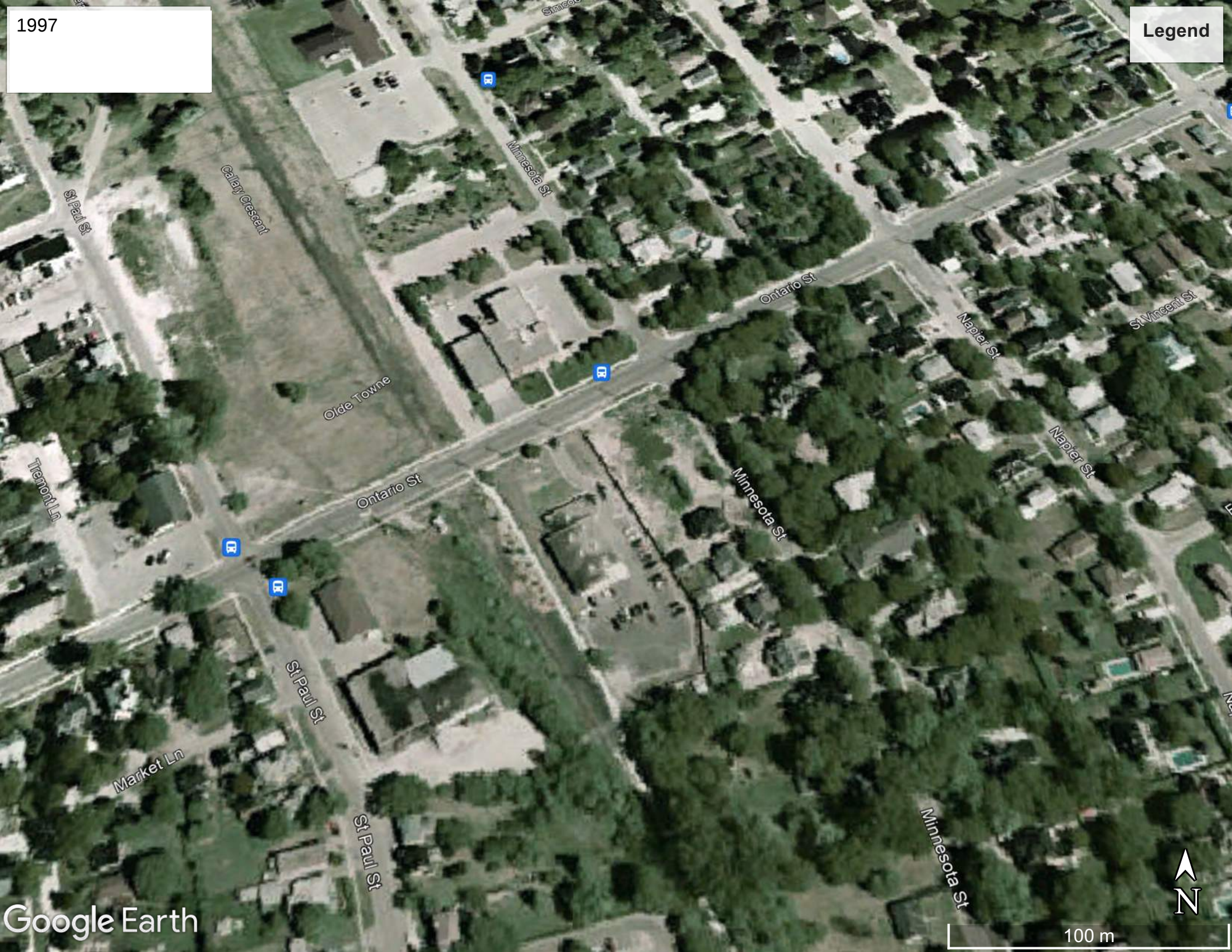
Google Earth

100 m



1997

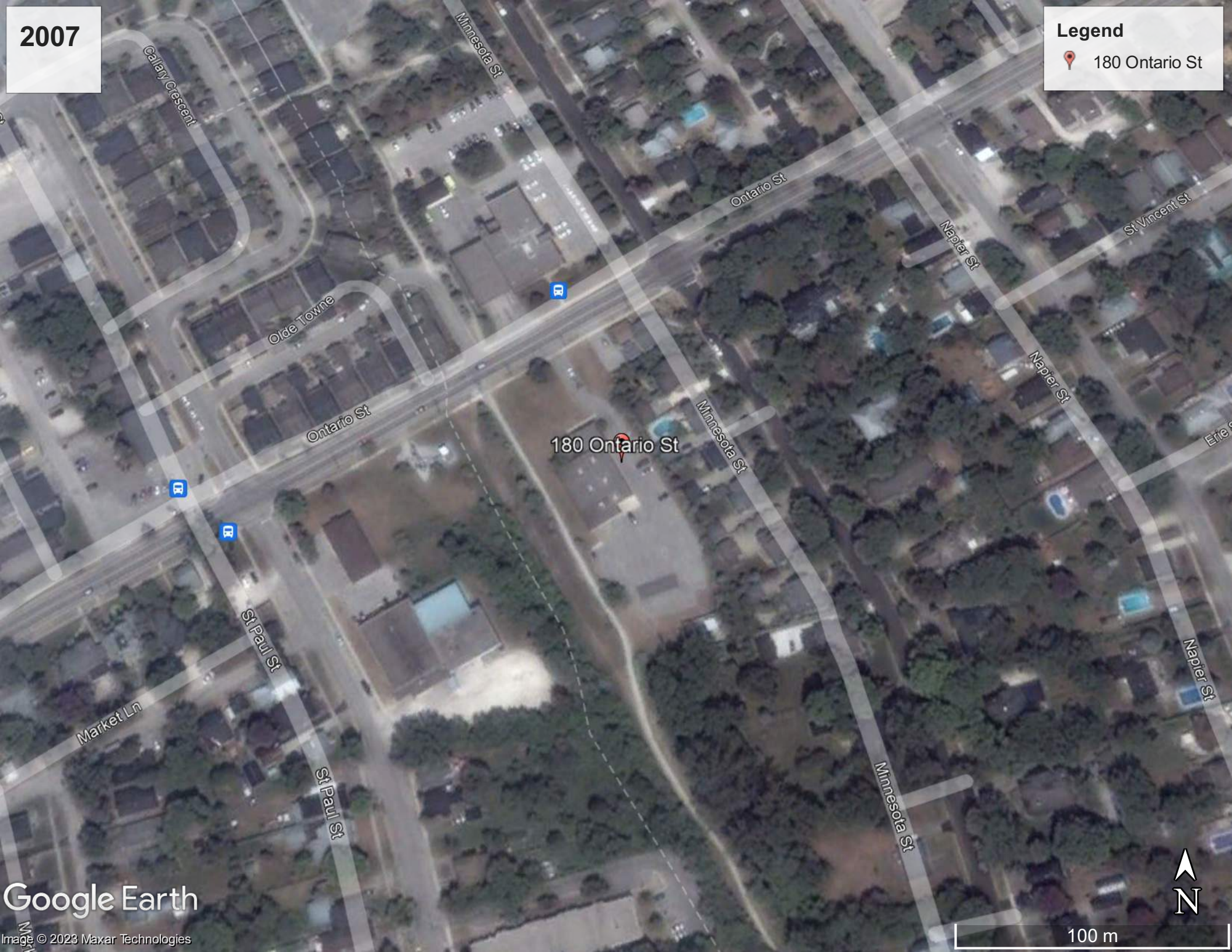
Legend



2007

Legend

 180 Ontario St



Google Earth

Image © 2023 Maxar Technologies

100 m

2011

180 Ontario Street, Collingwood, ON



Google Earth

Image © 2023 Maxar Technologies

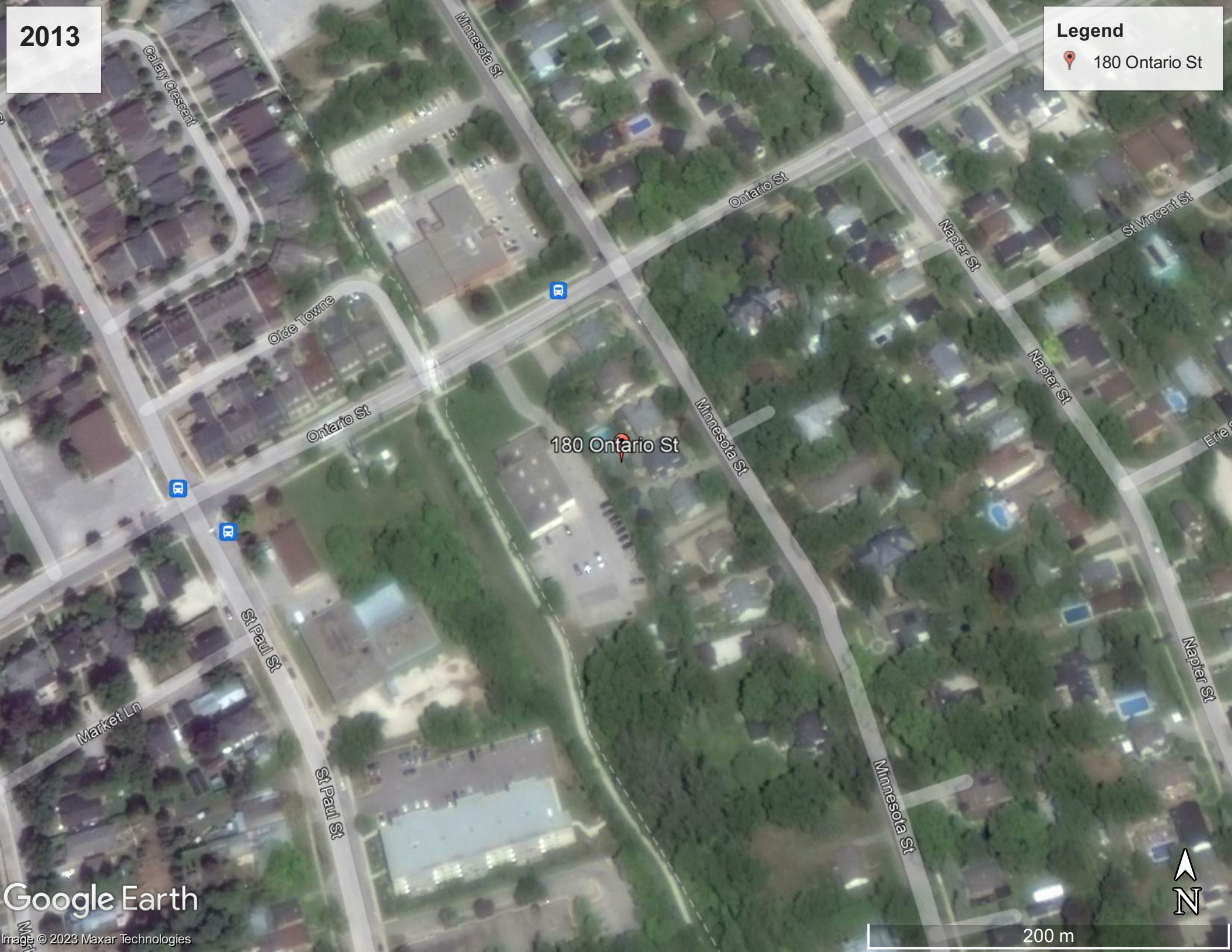


300 m

2013

Legend

 180 Ontario St



Google Earth

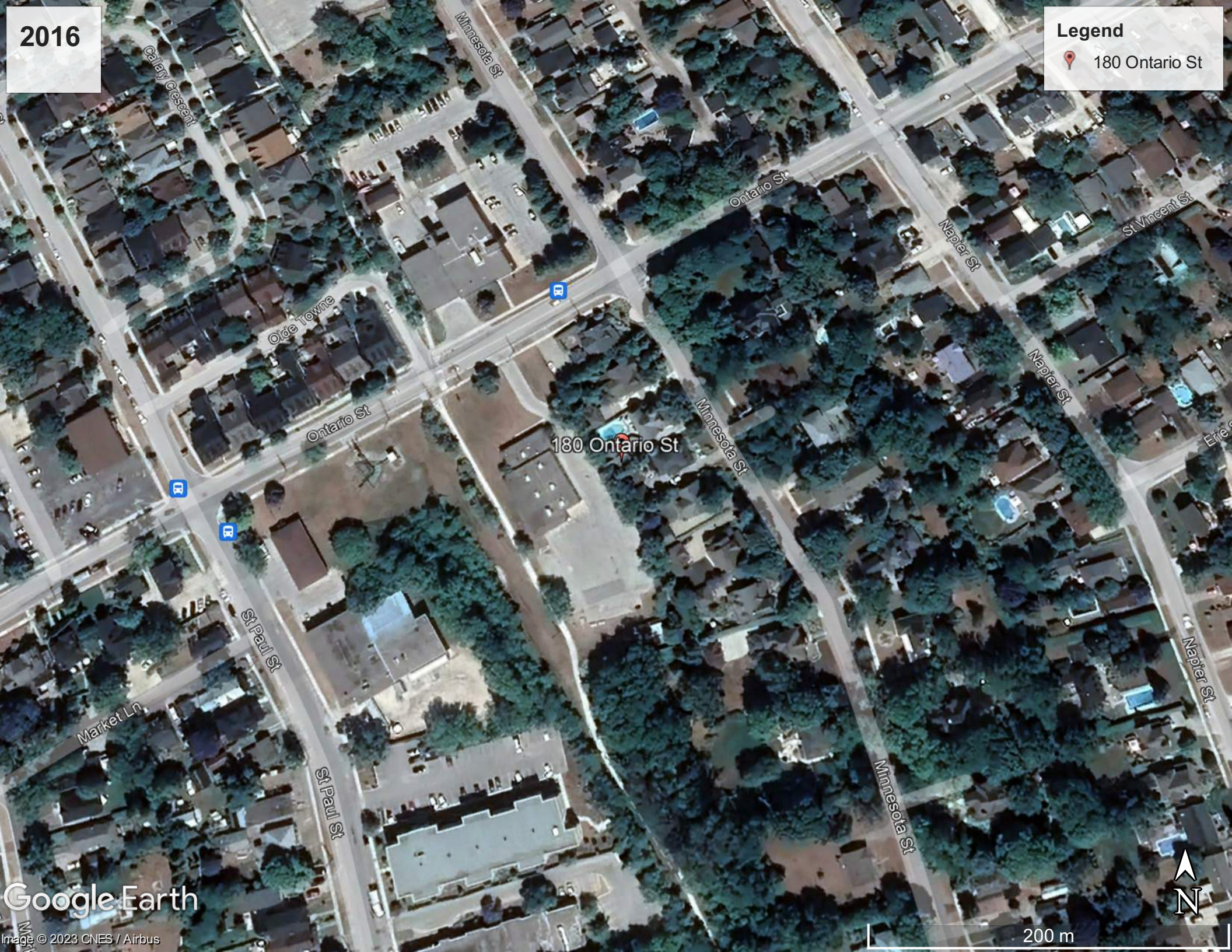
Image © 2023 Maxar Technologies

200 m

2016

Legend

 180 Ontario St



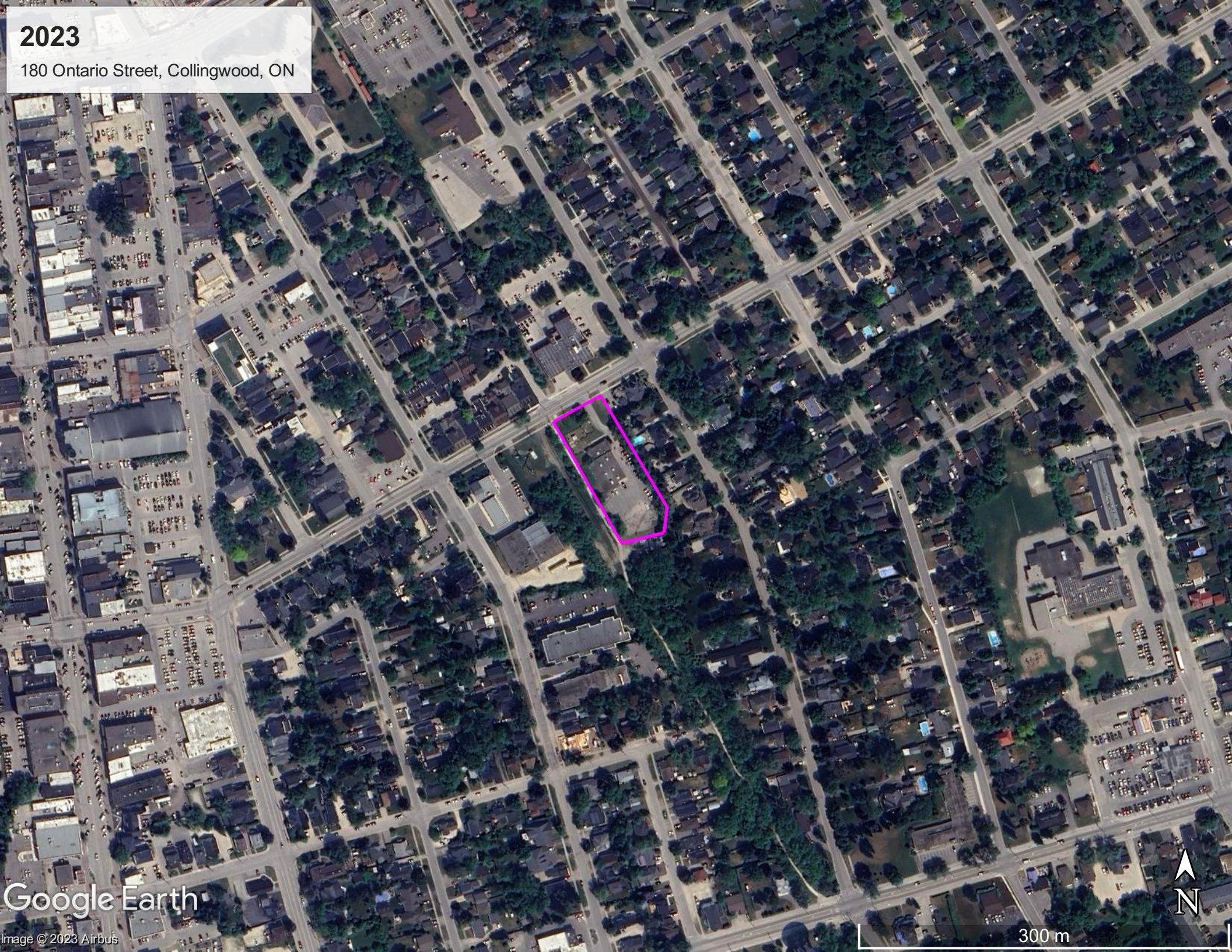
Google Earth

Image © 2023 CNES / Airbus

200 m

2023

180 Ontario Street, Collingwood, ON



Google Earth

Image © 2023 Airbus



300 m

APPENDIX E

Topographic and ANS Mapping



Topo Map

Map created:12/5/2023

Legend

- Assessment Parcel
- ANSI
- Earth Science Provincially Significant/sciences de la terre d'importance provinciale
- Earth Science Regionally Significant/sciences de la terre d'importance régionale
- Life Science Provincially Significant/sciences de la vie d'importance provinciale
- Life Science Regionally Significant/sciences de la vie d'importance régionale
- Conservation Reserve
- Provincial Park
- Natural Heritage System



Notes:

Enter map notes

0.2 0 0.08 0.2 Kilometres

Absence of a feature in the map does not mean they do not exist in this area.

This map should not be relied on as a precise indicator of routes or locations, nor as a guide to navigation. The Ontario Ministry of Natural Resources and Forestry(OMNRF) shall not be liable in any way for the use of, or reliance upon, this map or any information on this map.

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GTA 2005 / SWOOP 2006 / Simcoe-Muskoka-Dufferin © FirstBase Solutions, 2005 / 2006 / 2008
© King's Printer for Ontario, 2023





Legend

-  Assessment Parcel
-  ANSI
-  Earth Science Provincially Significant/sciences de la terre d'importance provinciale
-  Earth Science Regionally Significant/sciences de la terre d'importance régionale
-  Life Science Provincially Significant/sciences de la vie d'importance provinciale
-  Life Science Regionally Significant/sciences de la vie d'importance régionale
-  Evaluated Wetland
-  Provincially Significant/considérée d'importance provinciale
-  Non-Provincially Significant/non considérée d'importance provinciale
-  Unevaluated Wetland
-  Woodland
-  Conservation Reserve
-  Provincial Park
-  Natural Heritage System

Notes:

Enter map notes

0.3 0 0.16 0.3 Kilometres

Absence of a feature in the map does not mean they do not exist in this area.

This map should not be relied on as a precise indicator of routes or locations, nor as a guide to navigation. The Ontario Ministry of Natural Resources and Forestry(OMNRF) shall not be liable in any way for the use of, or reliance upon, this map or any information on this map.

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APPENDIX F

Regulatory Correspondence

Ministry of the Environment,
Conservation and Parks

Corporate Services Branch
40 St. Clair Avenue West
Toronto ON M4V 1M2

Ministère de l'Environnement, de la
Protection de la nature et des Parcs

Direction des services ministériels
40, avenue St. Clair Ouest
Toronto ON M4V 1M2



February 29, 2024

Cordelia Thorne
Crozier: Consulting Engineers
2800 High Point Drive Unit 100
Milton, Ontario L9T 6P4
cthorne@cfcrozier.ca

Dear Cordelia Thorne:

**RE: MECP FOI A-2023-07178, Your Reference #: 2598-6970 – Record
Release Letter**

This letter is further to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 180 Ontario Street, Collingwood.

Your final fee payment was received by this office. If payment was not in Canadian dollars, please contact our office immediately.

Attached is a copy of the records.

If you have any questions, please contact Stephanie Rampino at 437-995-3228 or stephanie.rampino@ontario.ca.

Yours truly,

A handwritten signature in cursive script that reads "Rampino S".

for
Josephine DeSouza
Manager (A), Access and Privacy Office

Attachment



Ontario

Ministry
of the
Environment

Ministère
de
l'Environnement

135 St. Clair Avenue West
Suite 100
Toronto, Ontario
M4V 1P5

135, avenue St. Clair ouest
Bureau 100
Toronto (Ontario)
M4V 1P5

April 7, 1993

Collingwood Public Utilities Comm.
P.O. Box 189
39 Hurontario Street
Collingwood, Ontario
L9Y 3Z5

Attn: Mr. L.R. Irwin
Engineering Technician

Dear Mr. Irwin:

RE: Acknowledgement of Subject Waste Registration

As prescribed by Section 15(4) of Ontario Regulation 309,
this letter acknowledges receipt of your Generator
Registration Report(s) dated May 14, 1992 and further
correspondence as outlined in Schedule "B" for the following
site:

180 Ontario Street
Collingwood, Ontario

The Generator Registration Number assigned to your company
at this site is:

ON1573301

Please note that this Generator Registration Number must be
used only in conjunction with the site for which it was
issued.

This acknowledgement letter supersedes the previous
acknowledgement letter dated June 15, 1992 for this site.

Please ensure that the company name shown in this letter is
complete and accurate. This would be the corporate name or,
if a partnership or proprietorship, the name of the
principal(s). If you intend to carry on business under a
separate name or style, this should also be entered. If
there is a discrepancy, it is your responsibility to re-
register providing us with your complete and accurate
company name.

A list of the waste stream(s) covered by this acknowledgement is attached to this letter as Schedule "A".

Under the Environmental Protection Act of Ontario, off-site and on-site disposal of subject wastes is only permissible if the property receiving the waste has been approved as a waste disposal site. The disposal of waste materials in an uncertified site is unlawful.

For off-site disposal of subject wastes, the waste number(s) describing the waste stream(s) in Schedule "A" and the Generator Registration Number must be entered on manifest forms for each waste transaction after you have received this generator registration document.

For on-site disposal of subject wastes covered by this acknowledgement, including on-site incineration, landfilling and discharges to sanitary sewers, every generator shall retain records for a period of at least two years. These records shall include the generator registration number, waste name(s), waste number(s), quantity and disposition of the waste(s).

For off-site disposal of any registerable solid wastes shown in Schedule "A" (waste classes ending in the letter "N"), manifesting is not required at this time. These wastes can be disposed of at most approved municipal landfilling sites.

The selection of accurate waste classes is the responsibility of each waste generator. This acknowledgement must not be considered as a confirmation of the accuracy of information submitted by you. Based on the information you have provided, the waste class(es) that has (have) been selected appear(s) to be correct. If, due to new information or re-assessment of information submitted, you feel your waste is inappropriately classified, you should apply for a revision to your registration using the Generator Registration Report, Form 2. Should the waste class(es) that you have selected be deemed incorrect by the Ministry, or improper waste disposal occurs at any time, you may be subject to legal action as provided by the Environmental Protection Act and Regulation 309.

Your Generator Registration Report has now been forwarded to the District Office of this Ministry that is closest to your generating site. The District Office will be conducting a post-registration audit and may be contacting you for additional information or may be conducting site visits.

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

1. If the name, address or telephone number of your company or waste generating site changes.
2. If the description, the waste class or physical or chemical characteristics of your registered wastes change(s).
3. If you generate a hazardous or liquid industrial waste that has not been registered with the Ministry.

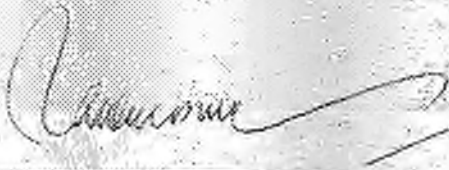
If the quantity of registered wastes or your carrier or receiver changes, automatic re-registration is not required. However, in order to update our file, we may periodically request additional information when we observe or suspect a significant change as compared to the most recent information submitted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

Should you have any questions concerning generator registration or manifesting requirements, please contact the Waste Management Branch Reviewer identified below at 323-5157.

Yours truly,


 Director
 Regulation 309, R.R.O., 1980
 Environmental Protection Act

Waste Management Branch Reviewer: _____


 Lan Duong

WT/sf

Enclosure

- 4 -

SCHEDULE "A"

This attached Schedule forms part of the acknowledgement of generator registration for the facility and site identified by Generator Registration Number **ON1573301**, dated at Toronto, April 7, 1993.

Waste Stream	Waste Class
1. Waste crankcase oils and lubricants	252L
2. Mineral oils containing less than 50 ppm PCB	251T
3. PCB liquids	243D

Waste Management Branch Reviewer:



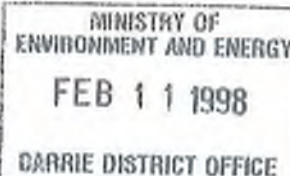
Lan Duong

February 2, 1998

Ontario Ministry of the Environment and Energy
985 Adelaide Street S.
London, Ontario
N6E 1V3

Attention: **Director**

Subject: **90-day leachback results
Decontamination at Collingwood PUC
C of A No. A620186
Our Reference No. S0068**



Attached is an analysis report of the sample taken from Collingwood PUC, transformer serial no. 620204831, which was decontaminated in October 1997.

The sample taken more than 90 days after Rondar's PCBX PCB decontamination process on the transformer, reads < 50 ppm PCB. The transformer remained energized during this period.

If you have any questions regarding these results please do not hesitate to contact us.

RONDAR INC.


Sandra Simao
Environmental Division

/ss

Attach.

E:\REPORTS\ESD-PC-1\S0068\90-DAY.SAM

cc: Ray Powell, Collingwood PUC

CB IN OIL ANALYSIS RESULTS

Cust PO :	Sheet No : 6109
	File No : S0068
	Cust No : COL04
COLLINGWOOD PUC	Date Received : JAN 28 1998
43 STEWART RD.	Analysis Date : JAN 30 1998
P.O. BOX 189	Analyzed By : C.CAMPANELLA
COLLINGWOOD	Sampled By :
L9Y 3Z5	Sample Date :
ONT	Reviewed By : 

Lab No	Location	Serial No	Manufacturer	Volume	Aroclor	PPM	F
98-0096	180 ONTARIO ST.	620204831			1254	11	

TEST METHOD per ASTM D4059

DETECTION LIMIT 2 PPM

Location : 90 DAY SAMPLE
Notes

Comments : According to Environment Canada's Handbook on PCB's in Electrical Equipment (Cat. EN 47-310/1983E, page 3) "any substance that contains 50 ppm PCB's or greater is considered to be contaminated and must be treated as a PCB substance"

RONDAR INC. 333 Centennial Parkway North Hamilton, Ontario L8E 2X6
Telephone : (905) 561-2808 Fax : (905) 561-8871

333 Centennial Parkway North
Hamilton, Ontario L8E 2X6
Web: <http://www.rondar.com>



Telephone No: 905-561-2808
Fax No: 905-561-8871
E-mail: techserv@rondar.com

Attn : Brant Tratch

Firm : Ministry of the Environment

Telephone No : 705-726-1730

Fax: 705-726-5100

From : Sandra Simao

Reference : Decon. Project - Collingwood PUC

Date : October 23, 1997

Total Pages : 1

MESSAGE :

PCB Dechlorination Project
Location: 180 Ontario Street
Collingwood, Ontario

C of A No.: A620186
Our Reference No: S0068

The subject project will commence on: Saturday, October 25, 1997
and be completed on: Monday, October 27, 1997

Sandra Simao
Permit Co-ordinator

- Substation Preventative Maintenance
- Transformer & Switchgear Modifications, Repairs & Testing
- Commissioning & Start-up, Co-ordination study & Grounding study
- Power Quality, Harmonic & Load Studies
- Failure Investigation

- PCB Decontamination & Transformer Reclassification
- Transformer Retrofilling, Oil Filtration & Degassification
- Insulating Fluid Sample Analysis, Reporting & Trending
- Building Services
- Locations: Hamilton, Sarnia, Toronto, Ottawa, Windsor

SOUTH WEST REGION

November 3, 1997

Nov 5 10 56 AM '97

LONDON
REGIONAL OFFICE

Ministry of the Environment and Energy
985 Adelaide Street S.
London, Ontario
N6E 1V3

Attention: **Director**

Subject: **60 - Day Report**
Our Reference No. S0068



Please find attached our report on the PCB decontamination that was completed at Collingwood PUC, 180 Ontario Street, Collingwood, Ontario.

On October 25, 1997, 5814 litres of oil contaminated at 54 ppm PCB were processed to <2 ppm PCB.

This report is composed of a chronological order of events, waste summary and inspection record.

If you have any questions, please do not hesitate to contact us.

RONDAR INC.

A handwritten signature in blue ink that reads "Sandra Simao".

Sandra Simao
Permit Co-ordinator

/ss

I:_REPORTS\ESD-PC-1\S0068\60-DAY.SAM

Attach.

MAJOR EVENTS LOG

CUSTOMER: Collingwood PUC

DATE: October 25/97

SITE: 180 Ontario Street
Collingwood, Ontario

JOB NO. S0068

EVENT	DATE	TIME
Equipment Arrives on Site	Oct. 24/97	16:30
Spill Contingency Set Up	Oct. 25/97	10:00
Begin PCBX Process	Oct. 25/97	11:30
Complete PCBX Process	Oct. 25/97	18:30
Spill Contingency Packed Up	Oct. 25/97	20:30
Equipment Leaves Site	Oct. 26/97	07:30

TOTAL OIL DECONTAMINATED: 5,814 Litres MAXIMUM PCB LEVEL: 54 ppm

WASTE	DRUMS	WEIGHT
Centrifuge	0	N/A
Fullers Earth	0	N/A
Filter & Debris	0	N/A

WASTE OFF SITE: N/A



Operators:

[illegible]

Notes:

985 Adelaide St S
London ON N6E 1V3

985, rue Adelaide sud
London ON N6E 1V3

file: WMT502 - New File. - Collingwood.
PUC.

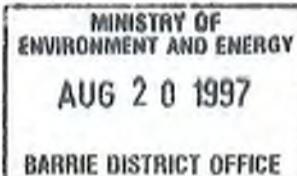
July 31, 1997

Rondar Inc.
333 Centennial Parkway North
Hamilton, Ontario
L8E 2X6

Attention: Sandra Simao, Permit Co-ordinator

Dear Ms. Simao:

Re: Provisional Certificate of Approval No. A620186



Attached is the Provisional Certificate of Approval for a Class 3 Waste Disposal Site for the operation of your mobile PCB destruction facility at the Collingwood PUC, 180 Ontario Street, Collingwood, Ontario.

In addition to the conditions on the Certificate, you are reminded of the following requirements:

1. The Certificate of Approval Number A620186 authorizes up to 72 hours of operational processing to take place over a 3 day period at the specified site. In any event, operation at this site is only approved for the main operating transformer containing a total of 5,814 litres of PCB contaminated mineral oil as specified on the Certificate. Operation is not approved after July 31, 1998.
2. The mobile PCB destruction facility sites shall at all times be operated in accordance with the waste storage and handling, transportation, contingency planning, security and occupational health and safety standards as stipulated in the Regulations.
3. You are required to keep records in respect of sites as specified in Section 4 and in paragraph 6(1)17 of Ontario Regulation 148/86 and submit a written report to the Regional Director and the Director, Approvals Branch, Ontario Ministry of the Environment, 250 Davisville Avenue, Third Floor, Toronto, Ontario, M4S 1H2 within 60 days of cessation of operations (from the date the unit is removed from the site).
4. The transportation of all liquid industrial or hazardous wastes from the site requires the use of manifests pursuant to Ontario Regulation 347 (formerly Ontario Regulation 309)



and a certified carrier. All wastes must be disposed of at a site approved by the Ministry of the Environment and Energy to handle those wastes.

5. The Certificate of Approval in no way relieves you from the requirements of any other applicable Act, Regulation or By-law.
6. The company must ensure compliance with the terms and conditions of this Certificate. Non-compliance constitutes a violation of the Environmental Protection Act and is grounds for enforcement.

By copy of this letter, approval under Section 9 of the Environmental Protection Act is also granted for this particular site. The same right of having this approval reviewed by the Environmental Appeal Board, as set out in the generic Certificate of Approval (Air) No. 8-3099-88-898 applies to this approval.

If you have questions regarding the above, please contact Todd Fleet at (519) 661-2200.

Yours truly,



Director, Section 39
Environmental Protection Act

cc: - Collingwood PUC
43 Stewart Road
Collingwood, Ontario
L9Y 3Z5

- Town of Collingwood
P.O. Box 157
97 Hurontario Street
Collingwood, Ontario
L9Y 3Z5

- Attn.: Carman K. Morrison, Clerk/Administrator
Fire Chief, Town of Collingwood
P.O. Box 157
97 Hurontario Street
Collingwood, Ontario
L9Y 3Z5

- *Police Chief
P. O. Box 157
97 Hurontario Street
Collingwood, Ontario
L9Y 3Z5*
- *Environment Canada
Environmental Protection Service
25 St. Clair Avenue East, 7th Floor
Toronto, ON
M4T 1M2*
- *Environmental Monitoring & Reporting Branch*
- *Director, Approvals Branch*
- *I. Gray, District Manager, Barrie District*
- *PCB file*
- *SWR Approvals file*



Under the Environmental Protection Act and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to:

**Rondar Inc.
333 Centennial Parkway North
Hamilton, Ontario
L8E 2X6**

for the use and operation of a Class 3 mobile PCB destruction facility to decontaminate approximately 5,814 litres of PCB contaminated oil

all in accordance with the plans and specifications as listed in Schedule A.

**Located at: Collingwood P.U.C.
180 Ontario Street
City of Collingwood, County of Simcoe**

which includes the use of the Site only for the processing of waste class 243 as outlined in the New Ontario Waste Classes, January, 1986, and subject to the following conditions:

Definition

1. For the purposes of this Provisional Certificate of Approval:
 - a) "C of A (Air)" means Certificate of Approval for Air Number 8-3099-88-898 or the most recent revision;
 - b) "C of A (Technology)" means Provisional Certificate of Approval for a Waste Management System Number A840448;
 - c) "Certificate" means this entire Certificate of Approval, including its Schedules if any, issued in accordance with Section 27 of the Environmental Protection Act;
 - d) "Cessation of Operations at the Site" as referenced in Section 4(2) of Ontario Regulation 352 means when the Unit is removed from the Site;
 - e) "Company" means Rondar Inc.;
 - f) "Containers" means vessels, drums, tanks, transformer casings without the core but does not include electrical equipment such

as transformers, capacitors, bushings, reclosures, regulators and oil-type switch gears;

- g) "Director" means the Director of the Southwestern Region of the Ministry;
- h) "District Office" means the Barrie District Office of the Ministry (705-726-1730);
- i) "Liquid Waste" means waste that has a slump of more than 150 millimetres using Test Method for the Determination of Liquid Waste (slump test) detailed in Ontario Regulation 347 of the Environmental Protection Act;
- j) "Ministry" means the Ontario Ministry of Environment and Energy;
- k) "Site" means Collingwood P.U.C., 180 Ontario Street, City of Collingwood, County of Simcoe;
- l) "Unit" means the mobile PCB destruction facility and associated equipment.

Contingency Measures - Site Specific

- 2. The Company shall take the following measures when operating the Unit:
 - a) seal and berm any openings to drainage systems, including maintenance covers, catchbasins and sewer drains that are closer than 100 metres to the Unit;
 - b) locate the Unit at a minimum distance of 10 metres from any points of impingement including operating air intakes, open windows or operating air conditioners;
 - c) a berm of absorbent material shall be placed around the vessel containing PCB waste to contain any accidental drips, leaks or spills;
 - d) the Unit shall be placed on a dyked and impermeable barrier.

Decontamination of Equipment

- 3. The Company shall decontaminate Containers in accordance with the Guidelines for the Management of Wastes Containing Polychlorinated Biphenyls (PCBs), Canadian Council of Ministers of the Environment, CCME-TS/WM-TRE008, Manual EPS 9/HA/1 (revised), September 1989, page

PROVISIONAL CERTIFICATE OF APPROVAL
FOR A WASTE DISPOSAL SITE

NO. A620186

Page 3 of 11

12, Section 2.2.1, "Decontamination by Solvent Extraction, Containers".

4. This Certificate does not include the decontamination of transformer carcasses. Any transformer carcass which contained dielectric fluid with a PCB concentration of greater than 50 ppm by weight is still considered PCB waste and must be stored in accordance with Ontario Regulation 362. This does not include:
- a) a transformer carcass where the core has been removed (and stored in accordance with Ontario Regulation 362) and the carcass has been decontaminated in accordance with Condition 3; or,
 - b) a transformer carcass that has been decontaminated at a Class 3 mobile PCB destruction facility Waste Disposal Site and chemical analysis required by Section 10(1) of Ontario Regulation 352 verifies the PCB concentration in the dielectric fluid to be less than 50 ppm by weight of PCB.

Operation

5. Except as otherwise indicated by these Conditions the Waste Disposal Site shall be operated in accordance with the C of A (Technology), the C of A (Air), and with the supporting information, plans and specifications submitted therewith.
6. The Company shall ensure the Unit is operated in such a manner that fugitive emissions of PCB vapours are minimized and spills and accidental releases are contained.
7. a) The Company shall cease operation of the mobile PCB destruction facility immediately in the event that any PCB contaminated mineral oil escapes from the facility or any of the associated hoses, Containers, connections or other appurtenances, and the operation shall not continue unless and until a Provincial Officer has inspected the discharge or emission and has consented to the recommencement of the operation.
- b) The Provincial Officer may withhold the consent referred to in subcondition a) above if, in the Provincial Officer's opinion, adequate clean-up of the discharge or emission is not under way or completed or that it is likely that continuance of the operation will result in a further discharge or emission of PCB contaminated material into the natural environment.

PROVINCIAL CERTIFICATE OF APPROVAL
FOR A WASTE DISPOSAL SITE

NO. A620186

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8. The Company shall ensure the Site is supervised by persons trained in contingency measures from the time the hoses are connected for transfer of mineral oil until the pumping has been completed and the hoses have been properly drained and safely stored.
9. The Company shall ensure:
 - a) the operation of the Unit is limited to 168 hours;
 - b) the Unit is removed from the Site within 365 days of the issuance of this Certificate.
10. No PCB waste shall be processed until the Company has tested and verified that the concentration of PCB is within the concentration specified in the C of A (Technology).

Spill

11. The Company shall immediately report all spills to the District Office or the Spills Action Centre (1-800-268-6060) and to the municipality and shall clean-up the spill immediately.
12. The Company shall record in a log book the nature of the spill or upset and the remedial action taken.

Waste Disposal

13. The Company shall ensure that Liquid Wastes and solid wastes generated at the Site are stored in leak-proof Containers that are covered, marked for identification and stored in a secure location at the Site.
14. The Company shall ensure that all waste generated by the Unit is removed from the Site and transferred within 30 days of the Unit being removed from the Site to a Waste Disposal Site approved to receive the waste. The Company shall ensure that this is undertaken in accordance with the requirements of Ontario Regulation 347.

Notification

15. The Company shall notify the District Office, the local fire and police departments, the local Medical Officer of Health, and the Municipal Clerk at least 24 hours in advance of the arrival of the Unit at the Site to inform them of the time, duration and location of the Mobile PCB Waste Disposal Site.

PROVISIONAL CERTIFICATE OF APPROVAL
FOR A WASTE DISPOSAL SITE

NO. A620186

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Reporting Requirement

16. The Company shall report in writing to the District Office the results of the analysis of a twenty (20) millilitre representative sample of decontaminated mineral oil. The Company shall take and analyze a sample of the processed mineral oil from each transformer or batch of oil which was decontaminated.
- a) In the case of a Class 2 Mobile PCB Destruction Facility Waste Disposal Site the results of the analysis shall be submitted as part of the report required by Section 4(2) of Ontario Regulation 352.
 - b) In the case of a Class 3 mobile PCB destruction facility Waste Disposal Site the sample shall be taken after the transformer has been in service a minimum of 90 days after completion of the treatment and the analysis shall be submitted within 120 days of the transformer being placed in service as an addendum to the report required by Section 4(2) of Ontario Regulation 352.

The samples shall be retained by the Company for two years. The Company shall make the samples available to the Ministry upon request, for analysis and verification of results.

General

17. It is a Condition of this Certificate that the holder must forthwith upon request permit Provincial Officers to:
- a) carry out any and all inspections authorized by Section 156, 157 or 158 of the Environmental Protection Act, Section 15, 16 or 17 of the Ontario Water Resources Act, or Section 19 or 20 of the Pesticides Act of any place, other than a room actually used as a dwelling, to which this Certificate relates, and;
- without restricting the generality of the foregoing, to:
- b) (i) enter at reasonable times, upon presentation of credentials, the premises where the approved Waste Management System is located, or the location where the

records required by the Conditions of this Certificate are kept;

- (ii) have access to and copy, at reasonable times, any records required by the Conditions of this Certificate;
- (iii) inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations required by the Conditions of this Certificate; and
- (iv) sample and monitor at reasonable times for the purposes of assuring compliance with the Conditions of this Certificate.

18. The requirements specified in this Certificate are requirements under Section 27 and 39 of the Environmental Protection Act. The issuance of this Certificate in no way abrogates the Company's legal obligations to take all reasonable steps to avoid violating the provisions of all applicable legislation.
19. a) The requirements of this Certificate are severable. If any requirements of this Certificate, or the application of any requirement of this Certificate, to any circumstances, is held invalid, the application of such requirement to other circumstances and the remainder of this Certificate shall not be affected thereby.
- b) In all matters requiring interpretation and implementation of this Certificate, the Conditions of the Certificate shall take precedence, followed in descending order by the Company's application and the documentation, referred to in this Certificate, which is submitted in support of the application.
20. A copy of both the C of A (Technology), the most recently issued C of A (Air) and this Certificate shall be kept on the Site until the Cessation of Operations at the Site.
21. a) The Company shall forthwith upon request of a Provincial Officer furnish any information requested concerning compliance with this Certificate including any records required to be kept by this Certificate.
- b) In the event the Company provides to the Ministry information, records, documentation or notification in accordance with this Certificate,

PROVISIONAL CERTIFICATE OF APPROVAL
FOR A WASTE DISPOSAL SITE

NO. A620186

Page 7 of 11

- (i) the receipt of said information by the Ministry;
- (ii) the acceptance by the Ministry of the information's completeness or accuracy; or,
- (iii) the failure of the Ministry to prosecute the Company, or to require the Company to take action, under this Certificate or any statute or regulation in relation to said information;

shall not be construed as approving, excusing or justifying by the Ministry of any act or omission of the Company relating to said information, amounting to non-compliance with this Certificate or any statute or regulation.

- 22. a) In accordance with Section 19(4) of the Environmental Protection Act this Certificate, the application filed to obtain it and the documentation referred to in this Certificate which may be reasonably necessary for the proper reading and understanding of it, with the exclusion of those documents marked "confidential" by the Company, shall be available for public inspection at the request of any person.
 - b) Additional information not set out in Section (a) relating to this Certificate and contained in Ministry files may be made available to the public in accordance to the provisions of the Freedom of Information and Protection of Privacy Act.
23. The operation of the Mobile PCB destruction facility shall cease by July 31, 1998.

**PROVISIONAL CERTIFICATE OF APPROVAL
FOR A WASTE DISPOSAL SITE**

NO. A620186

Page 8 of 11

SCHEDULE A

1. The application and supporting information filed with the Ministry of Environment and Energy on June 10, 1997 by Rondar Inc. titled "Site Application PCB Decontamination at Collingwood PUC, signed by Rondar Inc. representative Sandra Simao dated May 16, 1997.

The reasons for the imposition of these conditions are as follows:

1. The reason for Condition 1 is to ensure the meanings of the terms used in this Certificate are clear.
2. The reason for Condition 2 is to minimize the effect of the operation on the environment and to ensure the health and safety of the public or any person.
3. The reason for Conditions 3 and 4 is to ensure that contaminated equipment is managed in an environmentally acceptable manner and to ensure that PCB wastes are decontaminated appropriately in accordance with published guidelines or stored in accordance with the legislation.
4. The reason for Condition 5 is to ensure the Site is operated in accordance with the plans and specifications approved by the Ministry and not on a basis or in any way which the Director has not been asked to consider.
5. The reason for Conditions 6, 7, 8, 9, 10, 11, 12, and 23 is to ensure that the health and safety of the public or any other person is protected and to minimize the effect of the operation on the environment and to ensure the Ministry is notified of the status of activities on the Site to enable the Ministry to monitor the operations.
6. The reason for Condition 13 is to minimize the potential of an accidental discharge of a contaminant into the environment.
7. The reason for Condition 14 is to ensure the waste is not stored indefinitely and to ensure that the waste is disposed in an environmentally acceptable manner and in accordance with the legislation.
8. The reason for Condition 15 is to ensure that the appropriate authorities are notified of the time, duration and location of the PCB destruction to enable the authorities to inspect the Site at different phases of the operation.
9. The reason for Condition 16 is to ensure that it is possible to verify satisfactory completion of PCB destruction and transformer decontamination.

*PROVISIONAL CERTIFICATE OF APPROVAL
FOR A WASTE DISPOSAL SITE*

NO. A620186

Page 10 of 11

10. The reason for Conditions 17 and 21 is to ensure that the appropriate Ministry personnel, when acting in the course of their duties, will be given unobstructed access to the Waste Disposal Site, information and records related to the Site which is the subject of this Certificate, to enable the Ministry to be assured of the owner's compliance with the terms and Conditions of this Certificate. Subcondition b) of Condition 21 is included to make the owner aware that the mere provisions of information in accordance with this Certificate shall not exonerate it from enforcement in relation to any non-compliance disclosed by the non-compliance.
11. The reason for Conditions 18 and 19 is to clarify the Company's legal rights and obligations outlined in this Certificate.
12. The reason for Condition 20 is to ensure that all staff at the Site have ready access to the requirements imposed on the Company as set out in each of the approvals issued by the Ministry.
13. The reason for Condition 22 is to make the Company aware of the requirements of the Freedom of Information and Protection of Privacy Act.

You may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board. Section 142 of the Environmental Protection Act, R.S.O. 1990 c. E-19, as amended, provides that the Notice requiring the hearing shall state:

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

In addition to these legal requirements, the Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the Waste Disposal Site is located;

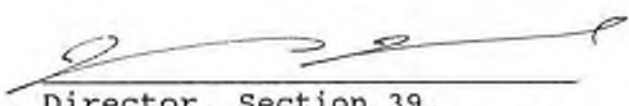
And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary,
Environmental Appeal Board,
P.O. Box 2382,
2300 Yonge Street, 12th Floor,
Toronto, Ontario,
M4P 1E4

AND The Director,
Section 39, Environmental Protection Act,
Ministry of Environment and Energy,
985 Adelaide Street South
London, Ontario.
N6E 1V3

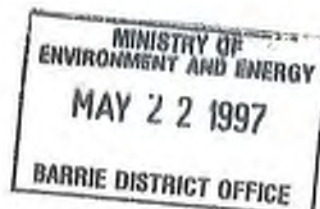
DATED AT LONDON this 31st day of July, 1997.


Director, Section 39,
Environmental Protection Act.

RECEIVED TO
BE A TRUE COPY OF THE
ORIGINAL DOCUMENT.

 Aug 15/97
Signature Date

May 14, 1997



Ontario Ministry of the Environment and Energy
54 Cedar Pointe Drive
Unit 1203
Barrie, Ontario
L4N 5R7

Attention: *Dear Lemcke*
Brian Wood, Environmental Officer
Subject: **PCB Decontamination at Collingwood PUC**
Our Job No. S0068

We are requesting a Class 3 site approval sought from the Ontario Ministry of the Environment and Energy, 5775 Yonge Street, Ontario, on behalf of Collingwood PUC, located at 43 Stewart Road, Ontario.

180 Ontario St.

Using a Class II chemical mobile technology we will be decontaminating 1 (one) operating transformer, containing approximately 5814 litres of oil, contaminated at approximately 55ppm.

The approval is requested for July 1997 to July 1998. The estimated duration of operation is 1 week tentatively starting approximately July 21, 1997.

Our Class 3 mode of operation will consist of connecting the M.P.U. directly to the energized transformer and decontaminating the oil to a non-detectable level (<2 ppm of PCB's) and returning the purified oil to the transformers.

All documents regarding this application for approval will be located at 333 Centennial Parkway North, Hamilton, Ontario, for viewing.

We look forward to working with you on this environmental project.

RONDAR INC.

Sandra Simao

Sandra Simao
Permit Co-ordinator

1-800-263-6884

*~12m to creek
~25m to home*

cc: Mearl Obee, Simcoe County RCSSB
Duty Officer, Regional Police
Terry Lynch, Simcoe County Board of Education
Gary Millar, Ontario Ministry of the Environment and Energy
Sandy Cunningham, Collingwood Fire Department

May 14, 1997

Ontario Ministry of the Environment and Energy
54 Cedar Pointe Drive
Unit 1203
Barrie, Ontario
L4N 5R7

Attention: **Brant Tratch, Environmental Officer**

Subject: **PCB Decontamination at Collingwood PUC**
Our Job No. S0068

We are requesting a Class 3 site approval sought from the Ontario Ministry of the Environment and Energy, 5775 Yonge Street, Ontario, on behalf of Collingwood PUC, located at 180 Ontario Street, Collingwood, Ontario.

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We look forward to working with you on this environmental project.

RONDAR INC.

Sandra Simao
Permit Co-ordinator



cc: Mearl Obee, Simcoe County RCSSB
Duty Officer, Regional Police
Terry Lynch, Simcoe County Board of Education
Gary Millar, Ontario Ministry of the Environment and Energy
Sandy Cunningham, Collingwood Fire Department

SITE APPLICATION
PCB DECONTAMINATION
AT
COLLINGWOOD PUC
Our Reference No. Q-1393

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for destruction of PCB's using mobile technology.

Proof of Corporation Attachment #1

Details of Agreement Attachment #2

Summary of PCB's to be Destroyed Attachment #3

Details of Process Waste Attachment #4

Certificate of Approval (Air) Attachment #5

Insurance Details Attachment #6

Certificate of Approval, PCB Destruction Facility Attachment #7

Contingency Plan Attachment #8

Data Quality Assurance and Operator Training Attachment #9

ENVIRONMENTAL PROTECTION ACT

FORM 1

Form 1

Environmental Protection Act

**APPLICATION FOR A CERTIFICATE OF APPROVAL FOR
DESTRUCTION OF PCB's USING MOBILE TECHNOLOGY**

NOTE:

- (1) The Applicant is encouraged to seek assistance in filling out this Application Form by reference to the most current Ministry of Environment Publication entitled, "Details Document, Mobile PCB Destruction Facilities.
- (2) The Applicant should ensure that the documentation provided with this application addresses the requirements set out in the regulation to clearly show how they are complied with during operation.
- (3) The Applicant should specifically indicate, by attachment, those sections of, (a) the supporting documents, (b) various attachments, and (c) this application, of any, that the Applicant wishes the Director to treat as confidential, giving reasons why each item should be so treated. The application and supporting information will form part of the local information repository for all site applications save that considered by the Director, in consultation with the Applicant, to be properly classified as confidential.

1. Approval is being sought for: Check ()

- (a) Mobile PCB Destruction Facility Waste Management System (Technology) ()
- (b) Mobile PCB Destruction Facility Waste Disposal Site (Site) (x)

2. Applicant:

A. Name: RONDAR INC.

Address: 333 CENTENNIAL PARKWAY NORTH
HAMILTON, ONTARIO L8E 2X6

b) Contact Person for this Application:

Name: DAVID MOSSMAN

Position with Applicant: DISTRICT SERVICE MANAGER

Telephone Number: 905-561-2808

(c) Every applicant other than an individual operating under his or her name must attach a copy of:

(i) the most current "Initial Notice or Notice of Change", (Form 1 or 2 of O. Reg. 189 R.R.O., 1980) filed under the Corporations Information Act, or (ATTACH. #1)

(ii) the most recent declaration filed under the Registration Act.

(d) If more than one applicant, supply the above information for each applicant.

3. (a) Does Applicant own the destruction technology equipment?

YES
YES/NO

(b) If not, supply the following information:

(i) Equipment Owner's Name: _____

Address: _____

(ii) By attachment, the details of the relationship between the equipment owner and Applicant with respect to liability for any occurrences arising out of the transportation, assembly, use and disassembly of the equipment. (ATTACH. #2)

4. The following information is required for each site associated with this application:

a) **CLASS OF SITE:**

Class 1 ☐ Class 2 ☐ Class 3 ☒

Note: A hearing is required to be held on applications for Class 1 sites

b) **SITE LOCATION:** _____

ADDRESS: 180 Ontario Street _____

CITY: Collingwood _____

MUNICIPALITY: County of Simcoe _____

Note: Site plans attached under paragraph 5(n) shall precisely depict the site location and its relationship to features noted in the regulation.

c) **SITE OWNER(S):** Collingwood PUC _____

ADDRESS: 43 Stewart Road _____

CITY: Collingwood _____

PROVINCE: Ontario _____ POSTAL CODE: L9Y 3Z5 _____

If a site is occupied or under the charge, management or control of someone other than the owner, the above information for that person(s) is required, by attachment.

d) Attach a complete summary of the PCB wastes that are intended to be disposed of at the site from all sources. This summary must include:

- (i) the present owner of the waste
- (ii) the source of the waste
- (iii) the present location of the waste (ATTACH #3)
- (iv) the person presently in possession or control of the waste if not the owner,
- (v) the type of waste (i.e. solid, liquid) and description,
- (vi) the volume of waste (in litres and/or cubic metres).
- (vii) the maximum concentration of PCBs and the range where applicable, and,
- (viii) how it will be dealt with prior to destruction.

Note: Where it is not obvious what other materials the PCB wastes may contain, the Director requires confirmation of materials composition by sample analysis.

(e) State: N/A

- (i) The total capacity of the storage area associated with this site:

LIQUID _____ litres SOLIDS _____ kilograms

- (ii) Is this site or utility system presently approved for pcb storage per O. Reg. 362.

SITE NUMBER: N/A _____

If by letter by MOE Director

DATE OF LETTER: _____

If there is no PCB Storage Site, refer to Attachment 8 "Contingency Plans"

- (f) Refer to location(s) in supporting documentation where storage facilities, including containment and weather protection, are dealt with in detail.

- (g) Indicate:

- (i) what days of the week and hours of operation are being sought for approval:

DAY OF WEEK TOTAL HRS. PER DAY

Sunday	24
Monday	24
Tuesday	24
Wednesday	24
Thursday	24
Friday	24
Saturday	24

TOTAL HOURS PER WEEK: 168

- ii) Number of weeks of operation for which approval is sought for:
1 weeks.

- iii) Total hours of operation to be covered by the approval if given: 168

(h) Indicate:

- (i) Estimated date for commencement of assembly of the technology: July 1997
- (ii) Estimated time required for assembly of technology:
4 Hours
- (iii) Estimated time required for disassembly of technology and quitting site: 2 Hours
- (iv) Estimated expiry date for this approval if given: July 1998

(i) Do you wish to decontaminate PCB equipment at this site under this application?

NO
Yes/No

If yes, attach documentation detailing what equipment is to be decontaminated, the methods to be used, and the additional PCB wastes to be generated. Include this volume in paragraph 5(d) above.

- (j) Attach a list of solid and liquid waste types, composition, volumes and sources expected to be generated by the operation of this site. A detailed description of this information shall be included in the operations manual documentation to be attached. (ATTACH. #4)
- (k) Describe where and how the wastes identified in paragraph 5(j) are to be disposed of: (include attachment if necessary).

Note: Wastes must be classified in accordance with Regulation 309, R.R.O., 1980 and disposed of at waste disposal sites or sewage treatment plants certified to accept waste of that type or under this certificate of approval.

- (l) Attach a list of air contaminants expected to be emitted by the operation of this site including the concentrations for each contaminant and each source. Include the necessary calculations to show air emission compliance with this regulation and Regulation 308, R.R.O., 1980. (ATTACH. #5)

Note: An application for a certificate of approval pursuant to section 8 of the Environmental Protection Act must be made and approved where air emissions are expected. The section 8 application can be made jointly with this application on the appropriate form obtained from the Director.

- (m) For Class 1 sites, indicate the type of financial security to be provided. N/A

Cash ()

Surety Bond ()

Personal Sureties ()

Attach details of how this security is arranged.

- (n) Supporting documents attached for this site:

Site Plans (ATTACH. #3) (x)

Contingency Plan (ATTACH. #8) (x)

Data Quality Assurance (x)
& Operator Training (ATTACH. #9)

(o) Attach copies of letters of transmittal confirming that the contingency plan has been filed with the clerks of the local municipality and the municipality responsible for waste disposal if it is not the local municipality, police and fire officials and the medical officer of health.

(p) Provide the details, by attachment, of the relationship between:

- (i) the applicant and the site owner,
- (ii) the applicant and the occupier of person having the charge, management or control of the site, and
- (iii) the owner and the occupier of person having the charge, management or control of the site.

with respect to liability for any occurrences arising out of the use of the site as a waste disposal site. (ATTACH. #3)

(q) Provide the details, by attachment, of general liability and environmental impact liability insurance coverage carried relevant to this application. (ATTACH. #6)

5. Where the Applicant is not the owner of the land to be used as a site:

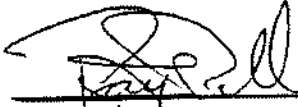
I (We), as owner(s), or acting as agent for the owner(s) of the lands described as the site in paragraphs 5(b) and (n) of this application, have knowledge of and agree to the proposed use of these lands as a mobile PCB destruction facility waste disposal site as set out in this application.

Name of person signing: Ray Powell
PRINT OR TYPE

Where owner(s) is a corporation, position held by person signing on behalf of Corporation:

Hydro Superintendent
PRINT OR TYPE

Where person signing is an agent, include documentation showing agency relationship.

Signature: 
Date Signed: May 15, 1997

- (b) In respect of these lands, the owner/agent has been advised to apply for waste generation to include waste class '25IL and 122C' identified as 'By-products from pcb decontamination.

R.P.
INITIAL

6. The undersigned consents to the disclosure of any information contained in this application, including attachments, and any supplemental correspondence and information directly relating to this application except for that information which is specifically held to be confidential as set out by attachment to this application. In the case of supplemental correspondence and information, the applicant shall indicate what, if any, information is considered confidential at the time it is submitted.

7. Signed and dated on behalf of the Applicant:

Name: SANDRA SIMAO
PRINT OR TYPE

Relationship to Applicant: PERMIT CO-ORDINATOR
ENVIRONMENTAL SERVICE DIVISION
PRINT OR TYPE

Signature: *Sandra Simao*
Date Signed: May 16 1997

Note: It is an offence to knowingly give false information in an application made to the Minister, a provincial officer or any employee of the Ministry in respect of any matter under this Act or the regulations.
(S. 145, Environmental Protection Act).

Attachment #1

PROOF
OF
CORPORATION

Attachment #1
PROOF OF CORPORATION

**Pages 42 to / à 45
are withheld pursuant to section
sont retenues en vertu de l'article**

22

**of the Freedom of Information and Protection of Privacy Act
de la Freedom of Information and Protection of Privacy Act**

Attachment #2

DETAILS
OF
AGREEMENT

Attachment #2

DETAILS OF THE AGREEMENT BETWEEN
ENSR OPERATIONS LIMITED
AND
RONDAR INC.



HEAD OFFICE: 333 CENTENNIAL PKWY. 11. HAMILTON, ONTARIO L8E 2X6

August 3, 1994

Ministry of Environment and Energy
Approvals Branch
3rd Floor
250 Davisville Avenue
Toronto, Ontario
M4S 1H2

Attention: Mr. Wilfred Ing.

Subject: Rondar Inc. - ENSR Ops. Ltd. Agreement

Further to our telephone conversation of today and per your request, the following summarizes the agreement between ENSR Operations Ltd. and Rondar Inc.

Rondar Inc. has purchased all of ENSR Operation assets in Canada to perform the SYS-50® Askarel transformer reclassification technology and PCBX® mobile technology for low-level PCB chemical destruction. Along with this purchase, Rondar Inc. has acquired an exclusive license to practice these technologies in Canada (exclusive even unto ENSR Operations). Therefore, Rondar is the sole supplier of these technologies to the Canadian marketplace.

Attached herewith are the ENSR Operations' certificates of approval for both technologies, as requested.

Rondar Inc. has hired key employees of ENSR operations to perform PCBX® services and as part of the agreement has obtained appropriate training for Rondar Inc.'s service technicians to perform the maintenance phase of the System 50® technology. Rondar Inc. has also hired the reclass technicians from ENSR Operations to perform the reclassification phase of the System 50® technology.

Regarding the PCBX® process, we have informed the pertinent Regional Directors of the Ministry of the Environment of our intention to practice this technology in their respective areas and we have asked that they issue the site specific permits in Rondar's name, in order that we may satisfy our customer's requirements and to change existing permits obtained prior to the agreement between ENSR Operations and Rondar Inc.



Basically, we are asking you for direction regarding the generic certificates of approval. Is there anything we need to change on the permits or do we just leave 'as is' and add Rondar's name as practitioners of the process?

An urgent reply is respectfully requested as we have decided to park our equipment until we receive direction from the MOEE offices regarding this matter. Please be advised that parking of this equipment costs Rondar Inc. several thousand dollars per day.

RONDAR INC.

John McFarlane
Manager - Environmental Services Division

JMcF:hw

Enc.

Attachment #3

**SUMMARY
OF PCB'S TO BE
DESTROYED**

Attachment #3
FORM 1 DETAILS

Summary of PCB's to be Destroyed

Surety Bond Details

Site Plans

Liability

Emergency Response Numbers

SUMMARY OF PCB'S TO BE DESTROYED

- (i) The PCB material is owned by: Collingwood PUC
- (ii) The PCB material is contaminated transformer oil.
- (iii) The PCB material is located in the main operating transformer at the destruction site.
- (iv) The owner is in control of the PCB material.
- (v) The PCB material is in liquid form.
- (vi) The total volume of the PCB oil, including flush and rinse oil is approximately 5814 litres.
- (vii) The maximum contamination level is approximately 55 ppm.
- (viii) The PCB material will not be treated prior to the destruction equipment.

SURETY BOND DETAILS



Sedgwick

Sedgwick Limited

Suite 470, 110 King Street West, Hamilton, Ontario L8P 4S6
Telephone (905) 523-8900, 1-800-443-8135, Facsimile (905) 523-6649

April 11, 1996.

Minister of Environment

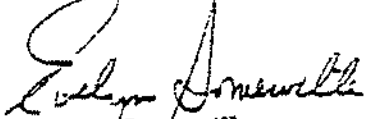
Toronto, Ontario

To Whom It May Concern:

Re: Licence Bond Environmental Protection Act
Bond No: P-4268

This letter is to confirm that the above numbered bond has been continued effective June 14, 1996.

Yours sincerely,


Evelyn Somerville
Assistant Account Executive



Simcoe & Erie General Insurance Company

BOND NO. P-4268

AMOUNT: \$50,000.00

LICENSE BOND

KNOW ALL MEN BY THESE PRESENTS that we, RONDAR INC., as Principal, and the SIMCOE & ERIE GENERAL INSURANCE COMPANY, with its head office for Canada in Burlington, Ontario, as Surety, are held and firmly bound unto Her Majesty the Queen in right of Ontario as represented by the Minister of the Environment, as Oblige, in the sum of FIFTY THOUSAND Dollars (\$50,000.00) lawful money of Canada for which payment well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly, by these presents.

WHEREAS, the Principal has obtained a Provisional Certificate of Approval for a Mobile PCB'S Destruction Facility in accordance with Ontario Regulation 148/86.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, the Principal shall:

(a) furnish a financial assurance to the Ministry of the Environment pursuant to Part XII of the Environmental Protection Act with respect to a Waste Management System.

(b) in the event there is a default by the Principal or its heirs, executors, administrators, successors or assigns in carrying out any of their obligations under the Environmental Protection Act with respect to (The Waste Management System), the aforesaid sum shall be paid forthwith on written demand to the Treasurer of Ontario to be held for Purposes of Part X-A of the Environmental Protection Act and (The Waste Management System) and the Principal and the Surety each consent to the Crown obtaining, on written notice, summary judgement for the full amount secured hereunder if payment is not made forthwith upon demand.

This bond will be valid for the term of June 14, 1993, to June 14, 1994, and shall be automatically renewed without further documentation from year to year thereafter unless terminated as aforesaid provided that the Surety may, if it wishes, issue certificates evidencing such renewal.

PROVIDED that subject to the right to commence suit within two years of cancellation, this Bond may be cancelled by the Surety by giving the Oblige and the Principal sixty (60) days written notice addressed, in the case of the Oblige, to the Director, Environmental Approvals and Land Use Planning Branch, Ministry of the Environment, 135 St. Clair Avenue West, Toronto, Ontario M4V 1P5, of its intention to cancel and the said cancellations shall be effective sixty (60) days after receipt of said notice by the Oblige.

PROVIDED FURTHER that the total liability imposed upon the Principal or Surety by this bond and by any and all renewals thereof is concurrent and cumulative and shall in no event exceed the sum written above.

PROVIDED further that any suit under this bond must be instituted before the expiration of two (2) years from the date of cancellation.

Sealed with our seals and dated this 18TH day of JUNE , 1993.

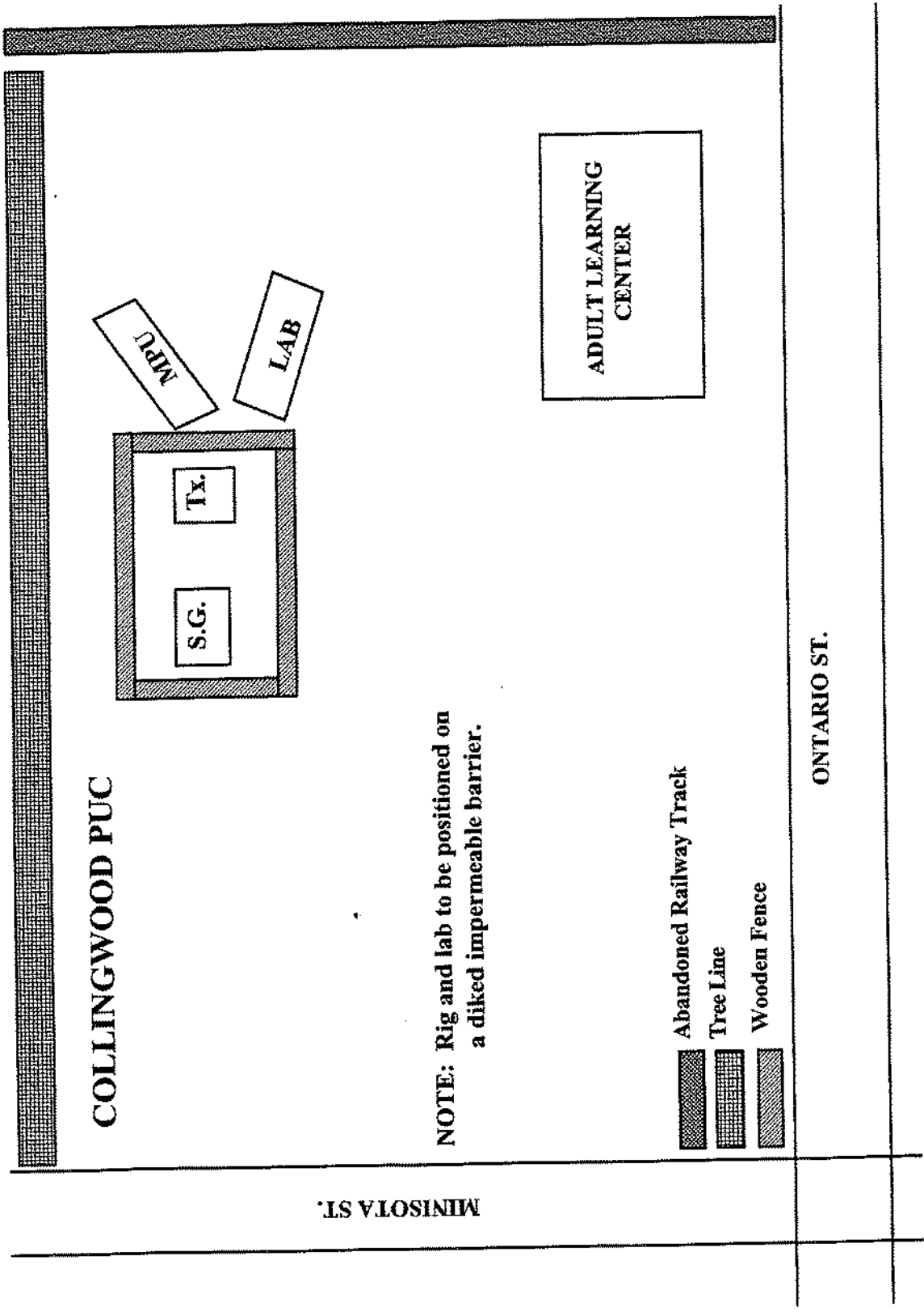
RONDAR INC.

BY:  (Seal)

SIMCOE & ERIE GENERAL INSURANCE COMPANY


000055

SITE PLANS



COLLINGWOOD PUC

MINNESOTA ST.

NOTE: Rig and lab to be positioned on
a diked impermeable barrier.

ADULT LEARNING
CENTER

Abandoned Railway Track

Tree Line

Wooden Fence

ONTARIO ST.

CHECKLIST FOR THE SITING OF PCB DESTRUCTION FACILITIES

Site Owner: Collingwood PUC		
Site Location: 180 Ontario Street		
Contact: Ray Powell	Telephone No.: 705-445-1291 x237	
Site Class: 3	Volume: 1279 gallons	Concentration: 55 ppm
GRR #: O N 1 5 7 3 3 0 2		
Waste Classes Required: 122C & 251L		
Proposed Dates of Operation: July 21, 1997		
Date of Inspection: May 9, 1997	Inspected By: Darvin Puhl	

Site Security:	Y/N:	Comments:
Is area fenced or enclosed?	Y	
Is there a lockable gate?		
Can site be roped off?	Y	
Are plant personnel available?	N	
Site level and well graded?	Y	
Is effective site clean-up possible?	Y	
Is area Environmentally Sensitive?	N	
Public Concerns?	N	
Other Concerns?	N	

\\AESD\PCBCLASS\FORMS\CHCK_LST.SAM

PCB DESTRUCTION FACILITY CHECKLIST (SEPARATION DISTANCE)

Regulatory Requirements	Exists Y/N	Minimum Distance (M)	Actual Distance (M)	Comments
Public Buildings	N	20		
Occupied Residence	N	20		
Hospitals	N	20		
Schools	N	20		
Nursing Homes	N	20		
Commercial/Industrial Food/Feed Preparations or Processing	N	20		
Feedlots or Feed Processing	N	20		
Farm Buildings with Livestock	N	20		
Critical Air Receptors ⁽¹⁾	N	10		
Water Courses ⁽²⁾	N	100		
Drainage Systems ⁽³⁾	N	100		
On - site Lunchroom or Cafeteria	N	N/A		
Other Items	N			

1. Critical Air Receptors - Air discharge points from MPU to open windows operating air intakes, etc.
2. Class 3 sites may be exempted from the 100 meter requirement if the equipment can be adequately isolated from the watercourse.
3. Class 2 & 3 sites may be located closer than 100 meters to a drainage system if the equipment can be adequately isolated from the drainage system.

LIABILITY

LIABILITY

With reference to liability for any occurrences during the PCB decontamination process:

BETWEEN:

RONDAR INC.
(the applicant)

and

COLLINWOOD PUC
(the site owner)

Rondar will be liable

EMERGENCY RESPONSE NUMBERS

Our Reference No.: S0068

EMERGENCY RESPONSE NUMBERS

GENERAL 911

POLICE 1-705-445-4321

FIRE 1-705-445-3920

HEALTH 1-705-721-7330

MOEE 24 HOUR EMERGENCY RESPONSE NUMBER 1-800-268-6060

TDG 24 HOUR EMERGENCY RESPONSE NUMBER 1-613-996-6666

RONDAR DISTRICT MANAGER - DAVE MOSSMAN 1-905-664-8728

RONDAR INC. - HEAD OFFICE 1-905-561-2808

RONDAR ON-SITE MOBILE TELEPHONE NUMBER 1-905-572-5054

MOEE DISTRICT OFFICE 1-705-726-1730

COLLINGWOOD PUC - RAY POWELL 1-705-445-7557

Attachment #4

DETAILS
OF
PROCESS WASTE

Attachment #4

DETAILS OF PROCESS WASTE

**MOBILE PCB DESTRUCTION FACILITY (CLASS 2) TYPICAL WASTES
PRODUCED BY RONDAR INC. AND RELEVANT DISPOSAL INFORMATION**

Owner's Waste Generator No. ON1573302

Includes Class 251L & 122C

	<u>X</u>
Yes	<u>No</u>

Needs amendment

<u>X</u>	<u></u>
Yes	No

Owner/Agent will require an

EMERGENCY GEN. NO.

	<u>X</u>
Yes	<u>No</u>

OWNER is applying for additional waste streams.

WASTE NAMES:

- 1.0 Saturated Fuller's Earth
- 2.0 Centrifuge Effluent

STATE:

- 1.1 Solid
- 2.1 Liquid

COMPOSITION:

- 1.2* Fullers Earth for filtering non-PCB mineral oil, non-hazardous
 - 2.2* Water/caustic mixture, corrosive, leachate toxic.
- *See 1.2 and 2.2 descriptive sheets following this page.

PCB CONCENTRATION:

- 1.3 <2 ppm
- 2.3 <2 ppm

RECOMMENDED
WASTE CLASSES:

- 1.4 251 L
- 2.4 122C

INTENDED CARRIER:

Buckham Transport - No. A840090 / Laidlaw - No. A8581

INTENDED RECEIVER:

Corundol Environmental Ltd.- No. A280825
Laidlaw - No. A121026

APPROXIMATE VOLUME:

(2 x 45 gal. drum) **Centrifuge Waste (122C)**
(2 x 45 gal. drum) **Fuller's Earth (251L)**

Note:

The customer has been advised to register this site for waste classes to include 251L and 122C.
Initialed by owner/agent on Item 6, Page 8 EPA section.

SATURATED FULLER'S EARTH - 1.2

Physical Property Analysis

State:	Solid	Specific Gravity:	0.72
Viscosity:	High	Ph:	8-10
BTU Value:	7000-8000 BTU/lb	Colour:	Brownish Grey
Ash:	55 wt% @ 650 °C	Odour:	Slightly oily odour
Flash Point:	180°C		

Chemical Analysis

<u>Component</u>	<u>Average Concentration (wt %)</u>	<u>Concentration Range (wt%)</u>
Transformer Oil	35	30-40
Attapulugus Clay		
SiO ₂	40	
Al ₂ O ₃	8	
MgO	7	
Fe ₂ O ₃	3	
CaO	1	
Other	1	
Total Clay	60	55-65
Water	5	1-8
Sodium Chloride	0.1	0-0.1
*Total Benzenes	ND	ND
*Total Phenols	ND	ND
*Toluene	ND	ND
*Resorcinol	ND	ND
**PCBs	ND	ND

*ND - Non-detectable; less than 10mg/kg (PPM)

**ND - Non - detectable; less than 2 ppm (Normally the case. However, regulations allow up to 50 ppm for non-contaminated classification>)

Specific Analysis (Organic Bound)(:

Sulphur	0.1 wt%
Total Halogens	Non-detectable
Nitrogen	Non-detectable
Phosphorus	0.07 wt%
Cyanides	Non-detectable

CENTRIFUGE EFFLUENT - 2.2

Physical Property Analysis

State: Liquid

Viscosity: Low

Flash Point: >140°F

Ph: >12

Description: Material will separate into three individual layers.

Top Layer: 10-20% Mineral Oil

Middle Layer: 20-30% Polymer

Bottom Layer: 40-60% Sodium Hydroxide
(20% NaOH, 80% H₂O)

Material is not: Radioactive

Explosive

Pyrophoric

Air Reactive

Container: 45 gallon steel drums

*PCB less than 3.5 ppm

Ontario Ministry of the Environment Waste Class 122C, analysis enclosed.

Attachment #5

CERTIFICATE
OF
APPROVAL (AIR)

Attachment #5

CERTIFICATE OF APPROVAL (AIR)
MOBILE WASTE MANAGEMENT SYSTEM



Ontario

Ministry
of the
Environment

Ministère
de
l'Environnement

Certificate of Approval (Air)
Certificat d'autorisation (Air)

Number / Numéro 8-3099-88-898

Owner/Operator / Propriétaire/exploitant:

ENSR Operations Ltd. (formerly Sun Environmental Ltd.)
3100 Steeles Avenue East
Suite 603, Markham, Ontario, L3R 8T3

Located at / Situé(e)(s) à:

Mobile Equipment

This approval is for / La présente autorisation s'applique:
air pollution abatement equipment associated with the Class 2 mobile PCB
destruction waste management system (as defined in O. Reg. 148/86) approved
under Provisional Certificate of Approval No. A840448 dated April 13, 1989
consisting of:

- a fuel oil fired furnace with a 288 kJ/s heat duty burning commercial
grade fuel oil to incinerate vent gases from the vacuum degasser
discharging combustion gases to atmosphere;
- a back-up vent treatment system consisting of a Fine-Aire oil mist
eliminator/activated carbon filter (Model AU-15-095) to treat these vent
gases in the event of a furnace failure;
- a centrifuge vent collection drum (0.189 m³) equipped with a Fine-Aire
oil mist eliminator/activated carbon filter (Model AU-15-095)
discharging vent gases to atmosphere;

all in accordance with the application for Provisional Certificate of
Approval dated October 28, 1985 and the supporting information (two
documents) submitted therewith and the two applications for Certificate of
Approval (Air) dated June 22, 1988, the Mobile PCB Destruction Unit Manual
submitted with the said applications and the Facsimile Transmission dated
September 28, 1988 all submitted by Sun Environmental Ltd.

Your application has been reviewed on the basis of the information submitted
and is approved under Section 8 of the Environmental Protection Act, subject
to the terms and conditions stated below.

SPECIAL TERMS AND CONDITIONS

1. For the purpose of this Certificate of Approval:

- (a) "Director" means the Director of the Approvals Branch of this
Ministry;
- (b) "Regional Director" means the Regional Director for the Region of
this Ministry in which the approved equipment will be sited and
operated;
- (c) "Owner" means ENSR Operations Ltd. (formerly Sun Environmental
Ltd.)

April 1989

000071



Ministry
of the
Environment

Ministère
de
l'Environnement

Certificate of Approval (Air)
Certificat d'autorisation (Air)

Number / Numéro 8-3099-88-893
(CONTINUED)

- 2 -

2. Requirements specified in this Certificate are the requirements under Section 8 of the Environmental Protection Act, and do not abrogate the need to take all steps to avoid violating the provisions of other applicable legislation.
3. The requirements of this Certificate are severable. If any requirement of this Certificate, or the application of any requirement of this Certificate to any circumstance, is held invalid, the application of such requirement to other circumstances and the remainder of this Certificate shall not be affected thereby.
4. The Owner must ensure compliance with all the terms and conditions of this Certificate. Any non-compliance constitutes a violation of the Environmental Protection Act and is grounds for enforcement.
5. The approved equipment may only be operated by the Owner to destroy PCBs in PCB contaminated mineral oil dielectric fluid (MODEF) or transformer oil if the oil or fluid processed in the unit is contaminated with less than 2600 mg/L PCBs.
6. The Owner shall only burn commercial fuel oil having a sulphur concentration less than 0.5 weight per cent in the process furnace.
7. The Owner shall record and maintain records of the following information relating to the operation of the approved equipment and upon request make the information available for inspection and copying by Ministry employees;
 - (a) the last date the activated carbon filter was replaced on the approved equipment; and,
 - (b) the total accumulated hours of operation on the activated carbon filter;
8. The Owner shall not site the approved equipment such that any process vent or the vent gas incinerator stack is within 10 metres of an openable window, an operating building air intake or other critical receptor.
9. The Owner shall replace the activated carbon filter on the approved equipments prior to reaching 72 hours of accumulated operation or commencing operation of the approved equipment after any event where the Owner has reason to believe that a non-routine air release has or may have occurred.
10. The waste activated carbon filters shall be disposed of in accordance with O. Reg. 148/86, O. Reg. 11/82 and O. Reg. 309 of the Environmental Protection Act.
11. The Owner shall allow Ministry personnel, or authorized representative

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Ontario

Ministry
of the
Environment

Ministère
de
l'Environnement

Certificate of Approval (Air)
Certificat d'autorisation (Air)

Number / Numéro 8-3099-88-898
(CONTINUED)

- 3 -

- 12.(1) The Owner shall notify the Director in writing of any of the following changes within (30) days of the change occurring:
- a) change of owner or operator or both;
 - b) change of address or address of new owner;
 - c) change of name of the corporation;
- (2) The Owner shall include a copy of the most current "Initial Notice or Notice of Change", (Form 1, 2 or 3 of O. Reg. 189, R.R.O. 1980) filed under the Corporations Information Act in the notification to the District Officer.
13. The Owner shall submit a copy of all applications for Certificates of Approval under Part V of the Environmental Protection Act as required under Section 7 of O. Reg. 148/86 to the Director.
14. The Owner shall submit a copy of all reports on the operation of the approved equipment to the Director as required under Section 4(1) and paragraph 17 of Section 6 of O. Reg. 148/86.
15. The Owner shall obtain written approval under Section 8 of the Environmental Protection Act from the Regional Director for each operating site within the Province of Ontario.

This Certificate of Approval supercedes previous Certificate of Approval No. 8-3099-88-007 issued at Toronto on the 5th day of January, 1989.



Ministry
of the
Environment

Ontario

NOTICE

TO:

ENSR Operations Ltd.
(formerly Sun Environment Ltd.)
3100 Steeles Avenue East
Suite 603
Markham, Ontario
L3R 8T3

You are hereby notified that Conditional Certificate of Approval No. 8-3099-88-898 has been issued to you subject to the conditions outlined therein.

The reasons for the imposition of these conditions are as follows:

1. Condition No. 1 is included to ensure the meanings of the terms used in this Certificate are clear and to reduce the need to use a long description for each term.
2. Condition Nos. 2 and 4 are included to emphasize that the issuance of the Certificate does not diminish the duty of the Owner to comply with other applicable legislation and take all reasonable care in complying with this Certificate.
3. Condition No. 3 is included to clarify that the requirements as set out in this Certificate are severable.
4. Condition No. 5 is included to limit the maximum concentration of PCBs contained in the fluids to be decontaminated that has been demonstrated by the Owner to meet applicable air emission requirements.
5. Condition No. 6 is included to ensure the operation of the approved equipment meets the Ontario air standard for sulphur dioxide of 830 ug/m^3 at point of impingement.
6. Condition No. 7 is included to demonstrate to Ministry personnel that the approved equipment is being maintained and operated in accordance with this Certificate.
7. Condition No. 8 is included to provide a safety factor to ensure the Ontario air standards for PCBs and other contaminants are met at the nearest critical air receptor.
8. Condition No. 9 is included to ensure the activate carbon filter is capable of removing organic contaminants in the process gases in the event that the thermal incinerator malfunctions.

.../2

Attachment #6

INSURANCE DETAILS

Attachment #6
INSURANCE DETAILS

Page 77

**is withheld pursuant to section
est retenue en vertu de l'article**

N/R

**of the Freedom of Information and Protection of Privacy Act
de la Freedom of Information and Protection of Privacy Act**

Attachment #7

**CERTIFICATE OF
APPROVAL,
PCB DESTRUCTION
FACILITY**

Attachment #7

CERTIFICATE OF APPROVAL
PCB DESTRUCTION FACILITY

Ministry of
Environment
and Energy

Ministère de
l'Environnement
et de l'Énergie

250 Davierville Avenue
Toronto ON M4S 1H2

250, avenue Davierville
Toronto ON M4S 1H2

APPROVALS BRANCH

3rd Floor

Tel. (416) 440-3544

Fax (416) 440-6973

October 28, 1994

Rondar Inc.
333 Centennial Parkway North
Hamilton, Ontario
L8E 2X6

Attention: Mr. John McFarland
Manager - Environmental Services Division

Dear Mr. McFarland:

RE: AGREEMENT BETWEEN RONDAR INC. AND ENSR OPERATIONS LTD.
PROVISIONAL CERTIFICATE OF APPROVAL NO. A 840448
WASTE MANAGEMENT SYSTEM - MOBILE PCB DESTRUCTION FACILITY

Enclosed is a Notice which amends Provisional Certificate of Approval No. A 840448 for a waste management system.

In your letter to the Director dated August 3, 1994, you indicate that Rondar Inc. has purchased all of ENSR Operations Ltd. assets in Canada to perform PCBX mobile technology for low-level PCB chemical destruction. You also indicate that Rondar is now the sole supplier of this technology to the Canadian marketplace.

The certificate of approval noted above was issued to ENSR Operations Ltd. on April 13, 1989. The Notice enclosed with this letter amends the certificate of approval to specify that Rondar is now the holder of this certificate. Other minor amendments have been made to this certificate in order to reflect changes to terms used in the certificate since it was first issued.

You are reminded that Rondar Inc. is now responsible for compliance with this certificate of approval and its supporting documents. You are urged to carefully review all of the terms and conditions of approval. Should you wish to alter any of the conditions in this certificate of approval, you are required to submit an application to the Director.

Should you have any questions regarding the Notice, please call Mr. Dave Staseff at (416) 440-3553.

Sincerely,



A. Dominski, P. Eng.
Supervisor
Waste Sites & Systems Approvals
Industrial Approvals Section

DS/am
Encl.

cc: All Regional Approval Co-ordinators



Ministry of
Environment
and Energy

Ministère de
l'Environnement
et de l'Énergie

NOTICE
Page 1 of 3

TO: Rondar Inc.
333 Centennial Parkway North
Hamilton, Ontario
L8E 2X6

You are hereby notified that the terms and conditions of Provisional Certificate of Approval No. A 840448, dated April 13, 1989, and amended by a Notice dated December 23, 1992, are amended as follows:

1. The list of plans and specifications in Schedule "A" of this Provisional Certificate of Approval is amended by adding the following documentation:

10. Letter from J. McFarland, Rondar Inc., to W. Ng, Ministry of the Environment and Energy, dated August 3, 1994, re: Rondar Inc. - ENSR Ops. Ltd. Agreement.

2. The name and address of the certificate holder, specified on page 1 of this Provisional Certificate of Approval, are amended to:

Rondar Inc.
333 Centennial Parkway North
Hamilton, Ontario
L8E 2X6

3. Condition 1(a) is revoked and replaced with the following condition:

1(b) "the Company" means Rondar Inc.

The reasons for these amendments are to ensure that the correct company name and address are specified on this Certificate and to reflect a change in ownership of equipment and technology to be used under this Certificate.

4. All references in this Certificate to "the Ministry of the Environment", including Condition 1(d), are replaced with "the Ministry of Environment and Energy".
5. All references in this Certificate to "Ontario Regulation 148/86", "Ontario Regulation 11/82" and "Ontario Regulation 309" are replaced with "Ontario Regulation 352", "Ontario Regulation 362" and "Ontario Regulation 347", respectively.



6. In Condition 17, "Section 8 of the Environmental Protection Act" is replaced with "Section 9 of the Environmental Protection Act, R.S.O. 1990, as amended".
7. In Condition 20:
 - (a) "Section 126, 126a or 127 of the Environmental Protection Act" is replaced with "Section 156, 157 or 158 of the Environmental Protection Act, R.S.O. 1990, as amended";
 - (b) "Section 10, 10a or 10b of the Ontario Water Resources Act" is replaced with "Section 15, 16 or 17 of the Ontario Water Resources Act, R.S.O. 1990, as amended"; and
 - (c) "Section 19 or 19a of the Pesticides Act" is replaced with "Section 19 or 20 of the Pesticides Act, R.S.O. 1990, as amended".
8. In Condition 21(3), "Part IX of the Environmental Protection Act" is replaced with "Part X of the Environmental Protection Act, R.S.O. 1990, as amended".

The reason for these amendments is to reflect changes to certain terms used in this Certificate since the original date of issue.

9. In Condition 21(4), "owner" is replaced with "Company".

The reason for this amendment is to maintain consistency throughout this Certificate.

10. The following condition is added:

21(5) Any person who has been required to provide and maintain environmental liability insurance pursuant to Condition 21(4) shall maintain such insurance for at least six years after the last operation under the Certificate by that person.

The reason for Condition 21(5) is to ensure that insurance remains available to respond to any claims.

11. In Condition 24, "District Officer" is replaced with "Director".

The reason for this amendment is to maintain consistency within this condition regarding notification by the Company.



Ministry of
Environment
and Energy

Ministère de
l'Environnement
et de l'Énergie

NOTICE
Page 3 of 3

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990 c. E-19, you may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board. Section 142 of the Environmental Protection Act, as amended provides that the Notice requiring a hearing shall state:

1. *The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;*
2. *The grounds on which you intend to rely at the hearing in relation to each portion appealed.*

In addition to these legal requirements the Notice should also include:

3. *The name of the appellant;*
4. *The address of the appellant;*
5. *The Certificate of Approval number;*
6. *The date of the Certificate of Approval;*
7. *The name of the Director;*
8. *The municipality within which the waste management system is located;*

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary,
Environmental Appeal Board,
112 St. Clair Avenue West,
Suite 502,
Toronto, Ontario,
M4V 1N3

AND

The Director,
Section 39, Environmental Protection Act,
Ministry of Environment and Energy,
250 Davisville Avenue, 3rd Floor,
Toronto, Ontario.
M4S 1H2

DATED AT TORONTO this 28th day of October, 1994.

A. Dominski, P. Eng.
Director
Section 39
Environmental Protection Act

systeme de gestion des déchets

Provisional Certificate of Approval No. A 840448

Certificat provisoire d'autorisation n°

Page 1 of 4
page de

Under the Environmental Protection Act and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to:

Aux termes de la Loi sur la protection de l'environnement et des règlements y afférents et sous réserve des restrictions qui s'y appliquent, ce Certificat provisoire d'autorisation est délivré à:

ENSR Operations Ltd.
3100 Steeles Ave. E.
Suite 603
Markham, Ontario L3R 8T3

For a Class 2 Mobile PCB Destruction Facility serving the Province of Ontario

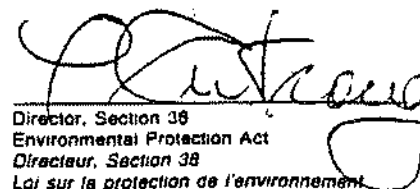
and including the approved or provisionally approved waste disposal sites and facilities listed below.

Site Certificate Nos.

subject to the following conditions:

1. For the purpose of this Provisional Certificate of Approval:
 - a) "the Company" means only ENSR Operations Ltd.;
 - b) "the Director" means the Director, Approvals Branch, Ontario Ministry of the Environment;
 - c) "the Regional Director" means the Director of the Ministry of the Environment in which the site is situated and who issues the Provisional Certificate of Approval for Mobile PCB destruction facilities for waste disposal site;
 - d) "the Ministry" means the Ministry of the Environment; and
 - e) "the destruction facility" means the mobile PCB destruction facility which is the subject matter of this approval.
2. Except as otherwise provided by these conditions, the mobile PCB destruction facility shall be operated in accordance with the application for this Provisional Certificate of Approval dated June 25, 1986 and with the supporting information form submitted therewith as specified in Schedule "A".
3. PCB contaminated mineral oil dielectric fluid (MODEF) shall not be processed in the destruction facility unless the MODEF is contaminated with less than fourteen thousand (14,000) ppm PCB's. The only fluid that may be processed in the destruction facility is MODEF.
4. The maximum feed rate of contaminated fluid to the destruction facility shall not exceed 1.59 litres per second.
5. The Company shall continuously monitor the following operating parameters and log the values of these parameters on an hourly basis:
 - a) flow rate of feedstock entering the destruction facility;
 - b) pressure and temperature in the reaction vessel;
 - c) rate of reagent feed; and
 - d) concentration of PCB in the outgoing fluid from the destruction.

Dated this 13th day of April 1989
date ce jour de


Director, Section 38
Environmental Protection Act
Directeur, Section 38
Loi sur la protection de l'environnement

Provisional Certificate of Approval for a Waste Management System

Certificat provisoire d'autorisation de système de gestion des déchets

The following conditions are additional to the conditions shown on the Provisional Certificate of Approval

Les conditions suivantes s'ajoutent aux conditions figurant sur le Certificat provisoire d'autorisation.

6. The automatic and manual shutdown systems shall be checked for malfunction before each decontamination run is started and at least once every shift or twelve (12) hours, whichever is less, during an extended decontamination run.
7. The Company shall ensure that the furnace has attained operating temperature as defined in the application before beginning a PCB decontamination run. No waste shall be introduced to the destruction facility for the purpose of PCB decontamination until the operating conditions necessary for the destruction of PCB's have been obtained.
8. The Company shall ensure that PCB contaminated fluids are decontaminated to a concentration of 2 ppm PCB total PCB based on the Aroclor standard and 2 ppm per PCB peak based on the DQMA standard.
9. The destruction facility shall not be located at a site unless the Regional Director has issued a Certificate of Approval or a Provisional Certificate of Approval for the site as required by O.Reg. 148/86. The destruction facility may only be situated at a Class 2 mobile PCB destruction facility waste disposal site or at a Class 3 mobile PCB destruction facility waste disposal site.
10. The destruction facility shall at all times be operated in accordance with the waste storage and handling, transportation, contingency planning, security and occupational health and safety standards as stipulated in the Regulations.
11. The destruction facility shall be operated in such a manner that fugitive emissions of PCB vapours, spills and accidental PCB releases are minimized and contained.
12. The owner shall submit documentation to the Director before the destruction facility is operated in Ontario that the operators of the facility have been properly trained to operate the facility under normal and emergency situations and specifically in the following areas:
 - a) the areas specified in Section 2.3.3 (Operator Training) of the Ministry publication entitled, "Details Document, Mobile PCB Destruction Facilities" dated April 1986, and
 - b) Ontario Regulation 148/86, Ontario Regulation 11/82 and the applicable sections of the Environmental Protection Act and Ontario Regulation 309.The Company shall also provide the information required in (a) and (b) above for each new operator within two (2) months of the new operator being hired.
13. The owner shall ensure that the equipment and material as set out in the contingency plan is kept on hand, adequately maintained and kept in good repair for immediate use and that operating personnel are trained in its use and the methods and procedures to be employed in the event of an emergency.
14. Where the fluid from an electrical transformer is treated at a Class 3 site, the fluid shall be sampled and analysed for PCBs no sooner than 90 days after the completion of treatment. The transformer shall not be considered to be decontaminated until the sample results confirm that the PCB concentration of the fluid is less than 50 milligrams per litre.
15. Solid and liquid wastes from the operation of the destruction facility that may contain PCBs shall be sampled and analysed for PCBs prior to the commencement of any further handling or disposal of these wastes.

Provisional Certificate of Approval for a
Waste Management System
*Certificat provisoire d'autorisation de
système de gestion des déchets*

The following conditions are additional to the conditions shown on the Provisional Certificate of Approval

Les conditions suivantes s'ajoutent aux conditions figurant sur le Certificat provisoire d'autorisation.

16. Further to condition 15 above, waste resulting from the operation of the destruction facility shall not be transported in the destruction facility or in any other vehicle pursuant to this Provisional Certificate of Approval.
17. The destruction facility shall not be located at a site unless the Company has obtained a Certificate of Approval (Air) under Section 8 of the Environmental Protection Act..
18. (1) The first time the destruction facility is operated in Ontario for the decontamination of MODEX with a PCB concentration within the range of 5,000 ppm to 10,000 ppm, the Company shall submit to the Director and to the Regional Director within sixty (60) days of completing the sampling and analysis mentioned in condition no. 14 above a final summary report detailing the operations completed and the results obtained including the sampling and analysis results required under condition no. 14.

(2) The summary report submitted under subcondition (1) above shall include a comparison between the results of the operations conducted at feedstock PCB concentration in the range of 1,000 ppm to 2,600 ppm PCBs and feedstock PCB concentration in the range of 5,000 ppm to 10,000 ppm PCBs. The comparison shall also compare the amounts and concentrations of all solid and liquid wastes generated from the operation of the destruction facility at the two concentrations. The results obtained from a previous decontamination run in Ontario at feedstock PCB concentration in the range of 1,000 ppm to 2,600 ppm PCBs can be used for this comparison.

(3) The requirements outlined in subconditions (2) and (3) above shall be repeated when the destruction facility is operated for the first time in Ontario to decontaminate MODEX with a PCB concentration in the range of 10,000 ppm to 14,000 ppm PCBs.
19. The Company shall submit a copy of each report submitted under subsection 4(2) of the Ontario Regulation 148/86 to the Supervisor of the Waste Sites and Systems Approvals Unit of the Approvals Branch of the Ministry of the Environment as well as to the Regional Director of the Ministry of the Environment who issued the Provisional Certificate of Approval for the mobile PCB destruction facility waste disposal site.
20. It is a condition of this Provisional Certificate of Approval that the holder must forthwith on request permit provincial officers to carry out inspections authorized by section 126, 126a or 127 of the Environmental Protection Act, Section 10, 10a or 10b of the Ontario Water Resources Act or Section 19 or 19a of the Pesticides Act of any place, other than any room actually used as a dwelling, to which this Provisional Certificate of Approval relates.
21. (1) In the event that the financial assurance submitted under subsection 8(2) of Ontario Regulation 148/86 is scheduled to expire or notice is received that it will not be renewed and a replacement in form satisfactory to the Director is not received at least 60 (sixty) days before the expiry or renewal date the Company shall forthwith replace it with a cash deposit.

Provisional Certificate of Approval for a
Waste Management System

*Certificat provisoire d'autorisation de
système de gestion des déchets*

The following conditions are additional to the conditions shown on the Provisional Certificate of Approval

Les conditions suivantes s'ajoutent aux conditions figurant sur le Certificat provisoire d'autorisation.

21. (2) In the event it is proposed to use an additional mobile PCB destruction facility which is in addition to the mobile PCB destruction facility listed in the application for this Provisional Certificate of Approval, which is referenced in condition 2 above, separate application for the additional unit or any further additional units must be made to the Director, who may amend this Provisional Certificate of Approval or issue a separate Provisional Certificate of Approval for that unit.
- (3) The financial assurance may be used for any expenses incurred by Her Majesty the Queen in Right of Ontario, including cash deposits made under this condition or payments under Part IX of the Environmental Protection Act, related to any waste management activity of the Company or its successors or assignees.
- (4) The owner shall at all times while the mobile PCB destruction facility is operating in Ontario maintain an environmental liability insurance policy in the amount of at least one million dollars (\$1,000,000.00).
22. Requirements specified in this Provisional Certificate of Approval are minimum requirements and do not abrogate the need to take all reasonable steps to avoid violating the provisions of the applicable legislation.
23. The requirements of this Provisional Certificate of Approval are severable. If any requirement of this Provisional Certificate of Approval, or the application of any requirement of this Provisional Certificate of Approval to any circumstances, is held invalid, the application of such requirement to other circumstances and the remainder of this Provisional Certificate of Approval shall not be affected thereby.
24. The Company shall notify the Director of the Approvals Branch in writing of any of the following changes within 30 days of the change occurring:
- (i) change of owner or operator of the system or both;
 - (ii) change of address or address of the new owner;
 - (iii) any change of name of the corporation or any change of business name or style;
 - (iv) change in directors or officers; and
- a copy of the most current "Initial Notice of Notice of Change" (Form 1, 2 or 3 of O.Reg. 189, R.R.O. 1980) filed under the Corporations Information Act shall be included in the notification to the District Officer.
25. This Provisional Certificate of Approval revokes all previously issued Provisional Certificates of Approval issued under Part V of the Environmental Protection Act for this destruction facility. The approval given herein, including the terms and conditions set out, replaces all previously issued approvals and related terms and conditions under Part V of the Environmental Protection Act for this destruction facility.

SCHEDULE "A"

This Schedule "A" forms part of Provisional Certificate of Approval No. A 840448 dated October 31, 1986.

The mobile PCB destruction facility shall be operated in accordance with the following documents:

1. The application dated June 25, 1986.
2. The confidential document filed with the Ministry of the Environment entitled "Sunohio Canada Inc., Mobile Destruction Facility for PCB's, Submitted to Ontario Ministry of the Environment, October 28, 1985", Volume I and Volume II.
3. The confidential document filed with the Ministry of the Environment entitled, "Sunohio Canada Inc., Supplementary Permit Application" including a letter to the Ministry dated June 25, 1986.
4. The confidential document filed with the Ministry of the Environment entitled, "Sunohio Canada Inc., PCBX Operating Handbook".

NOTICE

TO:

Sunohio Canada Inc.
87 Telson Road
Markham, Ontario
L3R 1E4

You are hereby notified that Provisional Certificate of Approval No. A 840448 has been issued to you subject to the conditions outlined therein.

The reasons for the imposition of these conditions are as follows:

1. The reason for conditions 1, 2, 6 and 7 is to ensure that the destruction facility system is operated in accordance with the application for this Provisional Certificate of Approval and the supporting information submitted therewith and not on a basis or in any way which the Director has not been asked to consider.
2. The reason for condition 3 is to ensure that the destruction facility is operated under the corporate, limited or the applicant's own name which appears on the application and supporting information submitted for this Provisional Certificate of Approval and not under any name which the Director has not been asked to consider.
3. The reason for condition 4 is to ensure that the collection, handling and transportation of PCB wastes or PCB contaminated materials is conducted in a safe and environmentally acceptable manner, in accordance with both federal and provincial guidelines, regulations and legislation governing the handling of PCB waste and PCB contaminated materials.
4. The reason for conditions 5, 11, 12, 14, 15, 16, 17 and 18 is to ensure that the destruction facility is operated in accordance with the relevant legislation and in an environmentally acceptable manner.
5. The reason for conditions 8 and 9 is to ensure that the destruction facility will operate properly as designed.
6. The reason for condition 10 is to specify the degree of decontamination to be attained and the analytical methods to be employed.
7. The reason for condition 13 is to ensure that PCB releases to the environment are minimized and controlled.

You may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board.

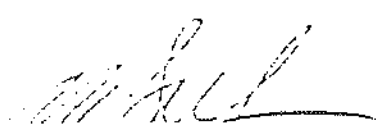
This Notice should be served upon:

The Secretary
Environmental Appeal Board
1 St. Clair Avenue West
5th Floor
Toronto, Ontario M4V 1K7

AND

The Director
Section 38, E.P.A.
Ministry of the Environment
135 St. Clair Ave. W.,
Toronto, Ontario M4V 1P5

Dated at Toronto this 31st day of October, 1986.





Ontario

Ministry of the Environment
Ministère de l'Environnement

NOTICE
Page 1 of 2

ENSR Operations, Ltd.
4390 Paletta Court
Unit J
Burlington, Ontario
L7L 5R2

You are hereby notified that the terms and conditions of Provisional Certificate of Approval No. A 840448 dated April 13, 1989 which has been issued to you, are hereby amended as follows:

1. The Address of the certificate holder listed on the face of the Provisional Certificate of Approval is amended to:

ENSR Operations, Ltd.
4390 Paletta Court
Unit J
Burlington, Ontario
L7L 5R2

2. The list of plans and specifications listed in Schedule "A" of the Provisional Certificate of Approval is amended by adding the following documentation:

- (5) June 23, 1992 letter from Ms. Michele Lamb, Operations Coordinator, ENSR, to Regional Director, Approvals Branch, Ontario Ministry of the Environment.

The reason for issuing this Notice is as follows:

The reason for amendments nos. 1 and 2 is to ensure the correct address of the owner of the waste disposal site is referred to in the Provisional Certificate of Approval.

You may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board. Section 142 of the Environmental Protection Act, R.S.O. 1990 c. E-19, as amended, provides that the Notice requiring the hearing shall state:

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.



Ontario

Ministry of the Environment
Ministère de l'Environnement

NOTICE
Page 2 of 2

In addition to these legal requirements the Notice should also include:

3. *The name of the appellant;*
4. *The address of the appellant;*
5. *The Certificate of Approval number;*
6. *The date of the Certificate of Approval;*
7. *The name of the Director;*
8. *The municipality within which the waste management system is located;*

And the Notice should be signed and dated by the appellant.

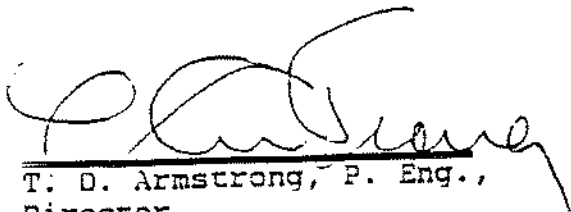
This Notice must be served upon:

The Secretary,
Environmental Appeal Board,
112 St. Clair Avenue West,
Suite 502,
Toronto, Ontario,
M4V 1N3

AND

The Director,
Section 39, Environmental Protection Act,
Ministry of the Environment,
250 Davisville Avenue, 3rd Floor,
Toronto, Ontario,
M4S 1H2

DATED AT TORONTO this 23rd day of December, 1992


T. D. Armstrong, P. Eng.,
Director,
Section 39,
Environmental Protection Act.

Attachment #8

CONTINGENCY PLAN

Attachment #8
CONTINGENCY PLAN

CONTINGENCY PLAN

(Class II System - Class III Site)

Project: **DECONTAMINATION OF INSULATING OIL**

Site: 180 Ontario Street

Plan Prepared By: **DAVE MOSSMAN - RONDAR INC.**
Title: **SERVICE MANAGER**

Signature: _____

Date: _____

Dave Moss

May 15, 1997

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PURPOSE

This plan has been proposed to help people working on the project of decontaminating PCB-contaminated insulation oil.

The purpose of the plan is to assure all UPSET conditions applicable to the job and site are recorded, protected against and provided for.

The success of the plan is based on:

- ▶ Prevention.
- ▶ Rapid detection and response
- ▶ Isolation of possibility of leak, oil spill, fire and other incidents, and the application capability to carry out counter measures immediately.

Notification:	MOEE Emergency Response No.	1-800-268-6060
	RONDAR INC. Rep. S. Cleland	Mobile No. 1-905-317-7246
		Office: 1-905-561-2808

LOCAL AUTHORITIES (if warranted) See Section 3 for complete list.

1.0 PREVENTIVE MEASURES

These measures are ensured at the set up time of the equipment and site preparation prior to processing the oil.

Access

While the PCB destruction process is underway, nonessential personnel will be kept away from the work area. The work area will be marked with caution tape.

Hoses

The 1 inch bore oil transfer hose is manufactured by Goodall Rubber, type N1470, with an allowable maximum working pressure of 1034.25 kPa (150 psi) and a burst pressure of 6895 kPa (1000 psi) or equivalent. The actual operating pressure during oil transfer is between 21 and 28 kPa (3 to 4 psi). The neoprene cover of the hose is designed to resist sunlight and the abrasion experienced during this type of operation. The textile braided carcass with the helix wire reinforcement is specially designed to take a heavy end pull.

All "snap-on" fittings with locking levers will be wrapped with an oil resistant tape and put in connection drip boxes.

Waterways

All nearby waterways will be isolated from the PCB destruction equipment.

Any nearby manholes and sewer locations will be covered with a neoprene cover and absorbent material.

The area surrounding the equipment and transformers will be inspected for environmental conditions that might necessitate additional precautionary measures.

Additional berms, absorbent sheeting and Fullers Earth will be onsite for emergency use.

2.0 SURVEILLANCE MEASURES

These measures will be ensured from start to finish of processing.

A continuous surveillance of hoses, joints, tanks and transformers, catch basins, site, etc., on a half-hour schedule performed by process operators and recorded along with processing unit data. (2 operators on duty at all times.)

3.0 EMERGENCY MEASURES

3.1 In Case of Oil Leak or Spill

Contaminated oil to be handled per PCB regulations, residues placed in suitable containment labelled as to contents and a sample taken for PCB analysis.

In case of a major spill, the oil shall be contained by one or more of the following measures:

- Application of sorbent materials around the spill,

- Construction of a dyke around the spill,

- The oil will be pumped into a spare tank or drums.

3.2 In Case of Waste Effluent Spills

Use same measures as applied to recovery of processed (treated oil using drums).

3.3 In Case of Sodium Spill

The sodium used in the process is highly reactive when in contact with moisture and can ignite and cause fire.

The design of the system and our operating procedures assure minimal risk in this regard.

In case of a sodium spill inside the process unit resulting in a fire, one of the two extinguishing methods will occur.

- 1) If fire is small, the operator will extinguish it using the local MET-L-X extinguisher.
- 2) If it develops into a large fire, the operator will close off the sodium section and manually dump the charged nitrogen system into the sodium section.

3.4 In Case of Fire

- a) Inside or outside the process unit, the Fire Department will be alerted immediately via telephone.
- b) The process unit operators have access to onboard manual extinguishers and also can manually dump the nitrogen system at their discretion.
- c) For added safety, entry into the processing unit during and after a fire shall be restricted to persons equipped with appropriate personal protective equipment.

4.0 SITE RESTORATION

Following emergency incidents, all residues shall be picked up and contained. Any ground depressions left will be filled in. All areas which have been affected by the emergency incident shall be restored as soon as possible in compliance with conditions established by MOEE and other government agencies having jurisdiction.

5.0 SPILL CONTROL EQUIPMENT

- 1 Spill Control Cabinet
- 1 Bag Absorbent Booms
- 1 Roll 3M Absorbent
- 1 Roll of Plastic
- 1 Box Trash Bags
- 10 Protective Suits
- 1 Box Protective Gloves
- 1 Box Protective Shoe Covers
- 10 Respirators (Dust Masks)
- 2 Shovels
- 1 Hand Pick
- 1 Eyewash Station
- 1 First Aid Kit
- 1 Roll Cordon Tape

The Crew Supervisor shall conduct an inventory of spill control and safety equipment before each job and is responsible for restocking and reordering equipment as required.

6.0 ELECTRICAL FAILURE

Open main circuit breaker in MPU.

Upon resumption of power, close main circuit breaker, reset alarms and continue process.

7.0 COMMUNICATION CHANNELS

A list of telephone numbers will be posted in the MPU at all job sites. It will consist of at least the following:

- ▶ Police emergency
- ▶ Fire Emergency
- ▶ Ambulance Emergency
- ▶ MOEE Spills Emergency
- ▶ Rondar Division Manager
- ▶ Owner or Agent of PCB

8.0 PROCEDURE FOR THE DECONTAMINATION OF DRUMS

- 1) The drums will be contained in a draining/flushing station which will prevent exposure to environment.
- 2) The drums will be drained of PCB contaminated oil and then into Rondar's PCB destruction unit for processing.
- 3) The drum interiors will be flushed with <2 ppm/PCB oil until they are no longer contaminated.
- 4) The flush oil will then be drained from the drums and then back into Rondar's PCB destruction unit for further processing.

Re-use of decontaminated drums is subject to PCB sampling any remaining trace oil.

9.0 STORAGE CONTINGENCY

Any contaminated solids such as absorbent materials or protective clothing will be directed to;

- ☐ (i) approved 11/82 storage facility on-site
- ☐ (ii) approved 11/82 storage facility in the case of Public Utilities per the MOE director's instructions
- ☒ (iii) a temporary storage system pending 11/82 approval; this storage system if required will be the equivalent of :
 - a) overpack drum/45 gal drum
 - b) coverage from weather (rain)
 - c) secured under lock & key
 - d) labelled appropriately
 - e) addressed to the local MOE office Storage Contingency

Attachment #9

DATA QUALITY
ASSURANCE
AND OPERATOR
TRAINING

Attachment #9

DATA QUALITY ASSURANCE
AND
OPERATOR TRAINING

DATA QUALITY ASSURANCE

**Pages 106 to / à 120
are withheld pursuant to section
sont retenues en vertu de l'article**

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**of the Freedom of Information and Protection of Privacy Act
de la Freedom of Information and Protection of Privacy Act**

OPERATOR TRAINING

TRAINING PROGRAM OUTLINE
OPERATOR OF MOBILE PROCESSING UNIT (MPU-1)

1.0 Program Objective

To provide the operator of the Mobile Processing Unit with the specialized direction, guidance, resources and knowledge to operate the unit, MPU-1, in a safe and efficient manner.

2.0 Training Program Outline

Define prerequisites for potential program candidate.

Orientation to familiarize candidate with the process, equipment identification and function, flow and control circuits.

Familiarization with operational procedures for set-up, start-up, operation and shut down, and with the interlock and control features.

Testing procedures and record keeping.

Hands on operation and testing of skills.

Outline of environmental concerns, contingency planning and regulatory requirements. Source material for the program will be obtained from various Ontario Hydro documents prepared in connection with PCB Management Program, as well as, Technical Directives, Government Regulations and guidelines. The material will be used as the basis for a series of work session to familiarize the operator with the processing operation and the safe management of the environment to be effected, as detailed in this Training Program.

2.1 Instruction will be both theoretical and practical using a variety of teaching of teaching aids such as slides, overheads and handouts to emphasize and illustrate details. "Hands-on" exercises will be performed as often as necessary to develop operation skills. A standard information package will contain a course outline and content breakdown, complete with references. Questionnaires may be used to determine and verify operator capability.

3.0 Prerequisites

- Comprehension of flow diagrams and control circuitry
- Electrical circuit analysis
- Oil handling skills
- Degassifier plant operating knowledge
- Ability to work with a minimum of supervision away from home base.

4.0 Training Program

4.1 *Overview and Functional Outline of the Process*

- The essential elements and objectives of the process.

4.2 *The Basic Physical and Mechanical Features and Functions of the Process System.*

- Degassifier/Heat exchangers
- Mixer tanks
- Sodium System
- Nitrogen blanket system
- Centrifuge
- Fuller Earth Tower
- Fire prevention system
- Trailer and auxiliaries
- Control room laboratory - control panel

4.2.1 *Question session on equipment and features*

4.3 *Provincial Government Regulations and Guidelines*

- Handling of materials
- Ontario Regulations relating to PCB management
- Use of PCB slide/tape program, Directives
- Oil spill video program (spill containment techniques)
- Contingency reporting procedure(s)
- Occupational Health and Safety Act

(This portion of the program would ensure operator training encompasses all the applicable requirements of the (proposed) Ontario Regulation for Mobile PCB destruction facilities.)

4.4 *Processing Site Preparation and Equipment Set Up Procedures*

- Contingency Plan

4.4.1 Open book question and answer session 4.3 and 4.4.

Site layout/arrangements for optimum operation.

Materials: Incoming and outgoing materials, power supplies, process consummates (sodium, nitrogen, Fuller's Earth). Site supplies (collection drums, contingency materials/equipment). Waste disposal.

4.5 How Each System Works (Same Order as in 4.2 Above)

- Equipment identification and location, flow diagrams, electrical control diagrams.
- Equipment operating parameters (flow rates, pressures, temperatures)

4.6 Instrumentation and Control Systems

- Control functions, system duplication, interlocks, settings.
- System function, rationale and logic.

4.7 Pre-operational Checks, Procedures and Logic

4.8 Operational Start Up Sequence and Procedures

- Records
- Actions required of the operator

4.9 Oil Processing Procedures

- System operation.
- Records to be generated.
- Actions required by the operator

4.10 Shut Down Procedures

- Sequence of operations.
- Actions required by the operator.

4.11 Preparation for Road Travel or Storage

- Actions and inspections required by the operator.

4.12 *Review of Interlock Responses and Equipment Control Features*

- Interlock responses and equipment safety and control details.
- Upset conditions analysis.
- For operational sequences 4.8 to 4.11 inclusive.
- Timer setting for sodium injection and reactions time.

4.13 *Oil Testing*

- Sampling of oil.
- Use of Gas Chromatograph for analysis for PCB concentration in oil. Interpretation of results.

5.0 "Hands-On" Operation and Testing

5.1 *Operation (Under Supervision)*

- Trailer set up (as outlined in 4.4).
- Site preparation, Start Up, Processing, shut down, road travel preparations, upset analysis and oil testing (as outlined in 4.7 to 4.13 inclusive).

5.2 *Skills Testing*

- Test of performance and skills to verify operator capability.

D.C. Bray (U10E4)
May 1, 1985 Rev. 1
June 21, 1985 Rev. 2
July 30, 1985 Rev. 3

Ministry of the Environment

Safe Drinking Water Branch

Barrie District Office
Unit 1201
54 Cedar Pointe Drive
Barrie ON L4N 5R7

Ministère de l'Environnement

Direction du contrôle de la qualité de l'eau
potable

Bureau du district de Barrie
Bureau 1201
54, chemin Cedar Pointe
Barrie (Ontario) L4N 5R7



March 3, 2011

Simcoe County District School Board
c/o Mark Robinson and Mark Twardowski
1170 Highway 26 West
Midhurst, Ontario
L0L 1X0

**Attention: Mr. Mark Robinson and Mark Twardowski, Area Maintenance Supervisor and
Manager of Design, Construction, Maintenance**

**Re: Collingwood Learning Centre (DWS# 500045709),
2010 Lead in Drinking Water Inspection Report,
Ontario Regulation 243/07**

Please find attached the Ministry of the Environment final report of the inspection of Collingwood Learning Centre (DWS #500045709). This inspection was conducted under the Ministry's inspection protocol on February 3, 2011. It provides an assessment of compliance with Ontario Regulation 243/07 ("Schools, Private Schools and Day Nurseries"), under the Safe Drinking Water Act.

Four non-compliance items were identified and five best practice recommendations are being provided. Please correct these issues and ensure continued compliance moving forward.

Please contact the undersigned, should you have any questions or concerns regarding the above.

Sincerely,

Phillip Sauer
Provincial Officer
Drinking Water Inspection Program - Inspector
Ministry of the Environment
Barrie District Office
Phone: (705) 739-6381
Fax: (705) 739-6350
E-mail: phillip.sauer@ontario.ca

*cc: Ministry of Education
Medical Officer of Health, Simcoe Muskoka District Health Unit
MOE Barrie District Office File*



Ministry of the Environment

R243 COLLINGWOOD LEARNING CENTRE (8233)

Drinking Water System Inspection Report

DWS Number:	500045709
Inspection Number:	1-8QFG2
Date of Inspection:	Feb 03, 2011
Inspected By:	Phillip Sauer

OWNER INFORMATION:

Company Name: SIMCOE COUNTY DISTRICT SCHOOL BOARD
Street Number: 1170 **Unit Identifier:**
Street Name: HIGHWAY 26 Hwy W
City: MIDHURST
Province: ON **Postal Code:** L0L 1X0

CONTACT INFORMATION

Type: Main Contact **Name:** Terry Johnson
Phone: (705) 734-6363 x11334 **Fax:** (705) 728-2265
Email: tjohnston@scdsb.on.ca
Title: Maintenance Supervisor, Buildings and Grounds

Type: Main Contact **Name:** Mark Robinson
Phone: (705) 790-3227 **Fax:** (905) 778-2026
Email: mrobinson@scdsb.on.ca
Title: Area Maintenance Supervisor

Type: Program Coordinator **Name:** Teri Stocklas
Phone: (705) 445-9019 x223 **Fax:** (705) 445-6362
Email: tstocklas@scdsb.on.ca
Title: Program Coordinator

Type: President/Director **Name:** Mark Twardowski
Phone: (705) 734-6363 x11266 **Fax:**
Email: mtwardowski@scdsb.on.ca
Title: Manager of Design, Construction, Maintenance

INSPECTION DETAILS:

DWS Name: R243 COLLINGWOOD LEARNING CENTRE (8233)
DWS Address: 180 ONTARIO ST
County/District: Collingwood
District/Area Office: Barrie District
DWS Category: Designated Facility
DWS Number: 500045709
Inspection Type: Announced
Inspection Number: 1-8QFG2
Date of Inspection: Feb 03, 2011
Date of Previous Inspection:

DRINKING WATER SYSTEM COMPONENTS DESCRIPTION

Site (Name): Collingwood Learning Centre**Type:** Other**Sub Type:** Other**Comments:**

The Collingwood Learning Centre (CLC) is located at 180 Ontario Street in the Town of Collingwood, Simcoe County. The school is located within a single building at the site. The school is the only occupant of this building.

The building is owned by 1680002 Ontario Limited, registered to Antonio Baldassarre. The CLC operates under the Simcoe County District School Board (SCDSB) umbrella.

The school provides education to a typical enrollment of 70-80 persons including adults aged 18-60 and one to five youths aged 6-18 in the Right Turn Program.

The CLC is connected to and receives drinking water from the Collingwood Drinking Water System (DWS) (DWS# 220001165). The Collingwood DWS is supplied from surface water (Raymond A. Barker Ultrafiltration Plant – Georgian Bay) and is owned and operated by the Collingwood Public Utilities. Treatment consists of ultrafiltration and chlorination for disinfection. The age of the building housing the school was unknown but it was built prior to 1990. The Town of Collingwood advised that water main in that area was 250 mm cast iron pipe installed in 1950. The composition of the service connection was unknown. The plumbing was copper throughout and was likely original.

There were three washrooms and a cafeteria with one sink. There were no filters or automatic flushing devices installed within the plumbing.

INSPECTION SUMMARY**INTRODUCTION**

- The primary focus of this report is to assess compliance with the flushing, sampling and record keeping requirements of Ontario Regulation 243/07. This Regulation was created to provide a safeguard against the potential consumption of elevated levels of lead in drinking water at schools, private schools and day nurseries in Ontario.

The building housing the CLC, located at 180 Ontario Street, in the Town of Collingwood, is owned by 1680002 Ontario Limited (registered to Antonio Baldassarre) and leased to the SCDSB. Staff at the school operate the system under the umbrella of the SCDSB. Teaching staff were expected to operate the drinking water system which is atypical of most SCDSB facilities. The CLC has been registered with the MOE and has been assigned DWS # 500045709. The registration number assigned to the school by the Ministry of Education is SFIS #8233.

The SCDSB will hereafter be referred to as the Operator.

The majority of the educational programs provided at this facility are directed towards adults aged 18 to approximately 60 years of age but every Monday, Wednesday and every second Friday, the 'Right Turn Program' is provided to students aged 6 to 18. There are typically one to five students in this program each week. As such, the CLC is subject to the regulatory requirements of the Safe Drinking Water Act (SDWA) and regulations made therein, including Ontario Regulation (O. Reg.) 243/07, related to lead flushing and monitoring in schools, private schools and day nurseries.

This inspection report provides an assessment of the SCDSB's compliance with O. Reg. 243/07 at the CLC.

The inspection and data review encompassed the period of February 3, 2010 until February 3, 2011 (the date of the inspection), hereafter referred to as the inspection period. The site was visited and documents were reviewed at the time of inspection. Additionally, interviews were conducted with representatives of the Operator and the SCDSB.

DISTRIBUTION SYSTEM

- When necessary, the operator had notified the Ministry of any changes to the facility information provided in the Laboratory Services Notification (LSN) form.

Subsections 5(5) and 5(6) of O. Reg. 243/07 state:

(5) The operator of a school, private school or day nursery from which a sample is taken under this section shall ensure that written notice of the identity of the laboratory that will conduct the test for lead is given to the Director before the sample is tested, unless the Director has previously been notified under this subsection that a water sample from the school, private school or day nursery was to be tested for lead by that laboratory. O. Reg. 243/07, s. 5 (5); O. Reg. 417/09, s. 5 (16).

(6) If the information in the written notice given to the Director under subsection (5) changes, the operator of the school, private school or day nursery shall give to the Director written notice of the change within 10 days of the change. O. Reg. 417/09, s. 5 (17).

The written notice referred to in Subsection 5(5) provides contact and system information in addition to laboratory information. Submission of this notice registers the school with the MOE. This registration must be completed before a school can provide legally required samples to the identified laboratory(s).

The Operator completed and submitted Laboratory Services Notification (LSN) forms identifying SGS Lakefield Environmental Laboratories and AGAT Laboratories as the laboratories retained to perform lead analysis on samples collected from the plumbing at the CLC.

The school was assigned DWS # 500045709 through submission of these forms.

No changes were made at the DWS during the inspection period, but as per Subsection 5(6), the Operator is reminded that if any changes were to occur, including changes to identified staff, updated forms must be submitted within 10 days of the change taking effect.

DISTRIBUTION SYSTEM

- **This facility is required to flush the plumbing weekly.**

Sections 3 and 4 of O. Reg. 243/07 respectively state:

3. (1) This section applies to a school, private school or day nursery to which section 4 does not apply. O. Reg. 400/07, s. 2 (1); O. Reg. 417/09, s. 2 (1).

(2) The operator of a school, private school or day nursery to which this section applies shall ensure that,

(a) the plumbing is flushed on the first day that the school, private school or day nursery is open in each week; and

(b) the flushing is completed before the school, private school or day nursery opens for the day. O. Reg. 243/07, s. 3 (2).

4. (1) This section applies to a school, private school or day nursery if,

(a) all or part of the plumbing that serves the building that houses the school, private school or day nursery was installed before January 1, 1990 and test results from drinking water samples taken in respect of the plumbing in accordance with this Regulation have not been obtained for a period of at least 24 consecutive months; or

(b) for a period of at least 24 consecutive months, test results in respect of the plumbing in the building that houses the school, private school or day nursery have been obtained, and at least one of the test results from the most recent 24 consecutive month period has exceeded the standard prescribed for lead. O. Reg. 417/09, s. 3 (1).

(2) The operator of a school, private school or day nursery to which this section applies shall ensure that,

(a) the plumbing is flushed every day that the school, private school or day nursery is open; and

(b) the flushing is completed before the school, private school or day nursery opens for the day. O. Reg. 243/07, s. 4 (2).

3. (1) This section applies to a school, private school or day nursery to which section 4 does not apply. O. Reg. 400/07, s. 2 (1); O. Reg. 417/09, s. 2 (1).

(2) The operator of a school, private school or day nursery to which this section applies shall ensure that,

(a) the plumbing is flushed on the first day that the school, private school or day nursery is open in each week; and

(b) the flushing is completed before the school, private school or day nursery opens for the day. O. Reg. 243/07, s. 3 (2).

The building that houses the school was reportedly built before January 1, 1990. However, there have been two consecutive sample sets collected and analysed for lead from the facility water in the preceding 24 month period that did not produce any exceedances of the lead standard of 10 ug/L.

As such, Section 3 applies to this DWS requiring weekly flushing.

- **The operator has not ensured that plumbing is flushed at the start of each week at the required time.**

Subsection 3(2) of O. Reg. 243/07 states:

(2) The operator of a school, private school or day nursery to which this section applies shall ensure that,

(a) the plumbing is flushed on the first day that the school, private school or day nursery is open in each week; and

DISTRIBUTION SYSTEM

(b) the flushing is completed before the school, private school or day nursery opens for the day. O. Reg. 243/07, s. 3 (2).

Records provided indicate that no flushing was completed at this facility during the inspection period.

While this facility is open throughout the year, flushing is only required while the Right Turn Program is in operation and children are present.

- **The procedure for flushing has not been done in accordance with the requirements of section 3(3) of O.Reg. 243/07.**

Subsection 3(3) states:

3. (3) For the purpose of clause (2) (a), plumbing shall be flushed in accordance with the following rules:

1. The cold water must be turned on for at least five minutes at the last tap on each branch or each run of pipe in the plumbing that serves a drinking water fountain or a tap that is commonly used to provide water for consumption by children under 18 years of age.

2. If a filter or other device that treats water is installed on or near the tap referred to in paragraph 1 and it is practicable to bypass the filter or other device without removing it, the filter or other device must be bypassed during the period that the cold water is turned on under paragraph 1.

3. After complying with paragraph 1, the cold water must be turned on for at least 10 seconds at every drinking water fountain and every tap that is commonly used to provide water for consumption by children under 18 years of age.

4. If a tap or drinking water fountain that is turned on under paragraph 1 or 3 has an aerator, the aerator must not be removed. O. Reg. 243/07, s. 3 (3); O. Reg. 400/07, s. 2 (3, 4).

The Operator advised that no flushing had been completed at any of the accessible taps within the building. There are three bathrooms with sinks and one sink in the cafeteria. None of these sources have been identified as end of branches. No taps have been designated as requiring five minute or ten second flushes.

Drinking boxes and bottled water are reportedly always available to the children at this facility.

- **Records of manual or automatic flushing have not been maintained in accordance with sections 3(4) or 3(5) of O. Reg. 243/07.**

Subsections 3(4) and 3(5) state:

3(4) The operator of a school, private school or day nursery shall ensure that a record is made of the date and time of every flushing required by subsection (2) and the name of the person who performed the flushing.

3(5) Subsection (4) does not apply in respect of a part of plumbing that is flushed by an automatic device if,

(a) the operator of the school, private school or day nursery ensures that the operability of the device is verified,

(i) at a minimum, at the frequency set out in the instructions provided by the manufacturer of the device, or

(ii) if no instructions mentioned in subclause (i) are available, at least once in each month; and

(b) the operator of the school, private school or day nursery ensures that a record is made of the date of each verification mentioned in clause (a) and the name of the person who made the verification.

No records of system flushing were kept or prepared at this facility. The flush points were not identified. No automatic flushing equipment was in use at this facility.

DISTRIBUTION SYSTEM

- A Director's Direction containing an alternate flushing and/or sampling plan has not been issued.

CONSUMER RELATIONS

- The operator of the facility did not ensure that the required information is available to the public during normal business hours, including records of flushing, sampling, exceedances, every Director's direction, and a copy of O.Reg. 243/07.

Section 8 of O. Reg. 243/07 states:

8. (1) The operator of a school, private school or day nursery shall ensure that the following information is available for inspection by any member of the public during normal business hours without charge at the school, private school or day nursery:

1. A copy of every record made under section 3, 4, 4.1, 5 or 5.1.
2. A copy of every test result obtained in respect of a test required under section 5, 5.1 or an order.
3. A copy of every test result in respect of which a report was required under section 6.
- 3.1 A copy of every director's direction given under section 4.1, subsection 5 (2.2) and section 5.1.
4. A copy of this Regulation. O. Reg. 243/07, s. 8 (1); O. Reg. 417/09, s. 9 (1-3).

(2) Paragraphs 2 and 3 of subsection (1) do not apply to a test result until the day after it comes into the possession of the operator of the school, private school or day nursery. O. Reg. 243/07, s. 8 (2).

(3) Paragraphs 1, 2 and 3 of subsection (1) do not apply to a record or test result that is more than two years old. O. Reg. 243/07, s. 8 (3).

(4) Paragraph 3.1 of subsection (1) does not apply to a director's direction that is more than two years old. O. Reg. 417/09, s. 9 (4).

There were no flushing records available. An out of date version of O. Reg. 243/07 was kept at the site. The only sample results available were from the 2009 tests. There were no reported lead exceedances which would have required reports.

A current version of O. Reg. 243/07 was installed at the time of inspection as was a copy of the 2010 sampling results.

Copies of the information typically kept at a facility are also maintained at the SCDSB Facility Services main office in Midhurst, a location from which maintenance activities including the lead flushing and monitoring programs are managed.

The missing sampling results could have been obtained from the main office upon request.

WATER QUALITY MONITORING

- Annual lead sampling and testing was completed.

Section 5 of O. Reg. 243/07 requires the operator of every school to ensure that samples are collected and tested for lead in each calendar year during the period beginning May 1 and ending on October 31. Prior to a regulatory amendment made on December 14, 2009, sampling was required to have been conducted between June 15 and August 15 of each year.

Records provided indicate that the Operator complied with this requirement. Samples from the plumbing at the CLC were collected for lead analysis on June 20, 2009 and June 19, 2010. Testing on these samples was completed by an accredited laboratory.

WATER QUALITY MONITORING

- * The annual lead sampling and testing was performed in accordance with the procedure outlined in O. Reg. 243/07 5(2).

The applicable paragraphs of Subsection 5(2) of O. Reg. 243/07 state:

(2) The operator of a school, private school or day nursery shall ensure that samples of water are taken in accordance with the following rules:

1. Except in a year in which paragraph 2 applies to a school, private school or day nursery, the samples must be taken at least once in each calendar year, during the period beginning on May 1 and ending on October 31.
2. If the school, private school or day nursery commences operation on or after December 14, 2009, the samples must be taken at least once within 30 days after the first day of operation and, if operation commences during a period beginning on January 1 and ending on March 31, at least once during the period beginning on May 1 and ending on October 31 in the same calendar year during which operation commences.
 - 2.1 The samples must consist of two one-litre samples of cold water taken from the same tap or fountain.
3. If the tap or fountain from which the samples are to be taken has an aerator, the aerator must not be removed while the samples are being taken.
4. If a filter or other device that treats water is installed on or near the tap or fountain from which the samples are taken and it is practicable to bypass the filter or other device without removing it, the filter or other device must be bypassed while the samples are being taken.
5. The samples must be taken from,
 - i. any tap that is used in the preparation of food or drink for consumption by children under 18 years of age,
 - ii. any tap that is commonly used to provide water for consumption by children under 18 years of age, or
 - iii. if it is practicable to collect a sample from a drinking water fountain in accordance with this section, any drinking water fountain.
6. If there is more than one tap or fountain that meets a description set out in subparagraph 5 i, ii or iii and one of those taps or fountains is more likely than the others to be served by lead plumbing or plumbing that contains lead solder, the samples must be taken from the tap or fountain that is most likely to be served by lead plumbing or plumbing that contains lead solder.
 - 6.1 If a filter or other device that treats water is installed on or near the tap or fountain that has been selected for sampling in accordance with paragraphs 5, 5.1, 5.2, 5.3 and 6 and it is not practicable to bypass the filter or other device without removing it, before the start of the period referred to in subparagraph 7 i or ii,
 - i. the filter or other device must be removed, and
 - ii. the tap or fountain must be turned on for at least five minutes.
7. The first sample to be taken must be taken in accordance with the following rules:
 - i. If it is practicable to take the sample immediately after a period of six hours or more when the plumbing is not used, the sample must be taken immediately after that period.
 - ii. If subparagraph i does not apply, the sample must be taken immediately after the longest period when the plumbing is not used for which it is practicable to take the sample.
 - iii. The sample must be taken immediately after the period referred to in subparagraph i or ii and before the plumbing is flushed section 3, 4, 4.1 or 5.1.
8. The second sample to be taken must be taken in accordance with the following rules:

WATER QUALITY MONITORING

- i. Subject to subparagraph ii, the second sample must be taken immediately after the first sample.
 - ii. Before taking the second sample, the tap or fountain must be turned on for at least five minutes, and then turned off and left unused for a period of at least 30 but not more than 35 minutes.
 - iii. If practicable, the plumbing must not be used during the period of at least 30 but not more than 35 minutes that is referred to in subparagraph ii.
 - iv. The second sample must be taken immediately after the period of at least 30 but not more than 35 minutes that is referred to in subparagraph ii.
9. Each sample must be taken during a single continuous period and must include the first water that comes out when the tap or fountain is turned on to take the sample.
 10. Each sample must be taken with water flowing at a rate that approximates normal use, without permitting water to splash out of the container in which the sample is being collected.
 11. Unless the directions referred to in subsection (4) provide otherwise, more than one container may be used to take each of the samples, as long as the time taken to switch from one container to the next is minimized.

Records provided appear to confirm that sampling for lead was conducted on the plumbing water samples in accordance with the above rules. The samples were collected on Saturdays to ensure water had sat for at least six hours between the previous use and the sampling times.

- **Sampling records have been made of the date, time, standing period estimate, location, and the name of the person who took each sample.**

Paragraph 12 of Subsection 5(2) of O. Reg. 170/03 states:

12. A record must be made of the date and time each sample was taken, an estimate of the length of the period referred to in subparagraph 7 i or ii, the location in the school, private school or day nursery where the sample was taken and the name of the person who took the sample. O. Reg. 243/07, s. 5 (2); O. Reg. 400/07, s. 4 (2); O. Reg. 417/09, s. 5 (2-12).

Provided records include the necessary information.

- **Lead samples were handled in accordance with laboratory instructions including collection, containers, labeling, completion of forms, and methods of transportation for samples.**

All records indicate that the samples were handled in accordance with the laboratory instructions.

- **A Laboratory Services Notification (LSN) was submitted before the samples were tested, as required by section 5(5) of O. Reg. 243/07.**

The Operator completed and submitted Laboratory Services Notification (LSN) forms identifying SGS Lakefield Environmental Laboratories and AGAT Laboratories as the laboratories retained to perform lead analysis on samples collected from the plumbing at the CLC.

- **The operator of the facility ensured that the required documents are maintained, or will be maintained for at least six (6) years, including records of flushing, sampling and exceedances and notice of every Director's directions.**

Section 9 of O. Reg. 243/07 states:

9. (1) The operator of a school, private school or day nursery shall ensure that the following documents and other records are kept for at least six years:

1. Every record made under section 3, 4, 4.1, 5 or 5.1.
2. Every test result obtained in respect of a test required under section 5, 5.1 or an order.
3. Every test result in respect of which a report was required under section 6.
4. A copy of every director's direction given under section 4.1, subsection 5 (2.2) and section 5.1.

WATER QUALITY MONITORING

5. A copy of every report provided or received under subparagraphs 5.3 iii, iv and v of subsection 5 (2). O. Reg. 243/07, s. 9 (1); O. Reg. 417/09, s. 10.

While there were few documents available at the site, the Operator advised that all applicable records pertaining to the lead flushing and monitoring programs will be retained to comply with these regulatory requirements.

OTHER INSPECTION FINDINGS

- The following issues were also noted during the inspection:

The following items were identified during the course of the inspection which could be improved and/or changed in order to aid in the effective and efficient operation of the system and which may help to ensure continued regulatory compliance.

- 1) There was no plumbing map or flushing location map available.
- 2) No flushing was completed and no one was designated to complete this duty.
- 3) No records were provided to indicate what days the school was open on, when any holidays or closures occurred, when and what times the Right Turn Program was in operation or when or what times children were on site.
- 4) An old version of O. Reg. 243/07 was included in the flushing binder.
- 5) Samples were collected at the same location in each of two separate years.

NON-COMPLIANCE WITH REGULATORY REQUIREMENTS AND ACTIONS REQUIRED

This section provides a summary of all non-compliance with regulatory requirements identified during the inspection period, as well as actions required to address these issues. Further details pertaining to these items can be found in the body of the inspection report.

1. The operator has not ensured that plumbing is flushed at the start of each week at the required time.

Subsection 3(2) of O. Reg. 243/07 states:

(2) The operator of a school, private school or day nursery to which this section applies shall ensure that,

(a) the plumbing is flushed on the first day that the school, private school or day nursery is open in each week; and

(b) the flushing is completed before the school, private school or day nursery opens for the day. O. Reg. 243/07, s. 3 (2).

Records provided indicate that no flushing was completed at this facility during the inspection period.

While this facility is open throughout the year, flushing is only required while the Right Turn Program is in operation and children are present.

Action(s) Required:

The Operator shall immediately begin flushing the Collingwood Learning Centre drinking water system on the first day of any week that children are present and shall complete the required flushing before those children are provided access to the building in accordance with Subsection 3(2) of O. Reg. 243/07.

2. The procedure for flushing has not been done in accordance with the requirements of section 3(3) of O. Reg. 243/07.

Subsection 3(3) states:

3. (3) For the purpose of clause (2) (a), plumbing shall be flushed in accordance with the following rules:

1. The cold water must be turned on for at least five minutes at the last tap on each branch or each run of pipe in the plumbing that serves a drinking water fountain or a tap that is commonly used to provide water for consumption by children under 18 years of age.

2. If a filter or other device that treats water is installed on or near the tap referred to in paragraph 1 and it is practicable to bypass the filter or other device without removing it, the filter or other device must be bypassed during the period that the cold water is turned on under paragraph 1.

3. After complying with paragraph 1, the cold water must be turned on for at least 10 seconds at every drinking water fountain and every tap that is commonly used to provide water for consumption by children under 18 years of age.

4. If a tap or drinking water fountain that is turned on under paragraph 1 or 3 has an aerator, the aerator must not be removed. O. Reg. 243/07, s. 3 (3); O. Reg. 400/07, s. 2 (3, 4).

The Operator advised that no flushing had been completed at any of the accessible taps within the building. There are three bathrooms with sinks and one sink in the cafeteria. None of these sources have been identified as end of branches. No taps have been designated as requiring five minute or ten second flushes.

Drinking boxes and bottled water are reportedly always available to the children at this facility.

Action(s) Required:

The Operator shall complete flushing of the Collingwood Learning Centre drinking water system during any week that children are in attendance in accordance with Subsection 3(3) of O. Reg. 243/07.

3. Records of manual or automatic flushing have not been maintained in accordance with sections 3(4) or 3(5) of O. Reg. 243/07.

Subsections 3(4) and 3(5) state:

3(4) The operator of a school, private school or day nursery shall ensure that a record is made of the date and time of every flushing required by subsection (2) and the name of the person who performed the flushing.

3(5) Subsection (4) does not apply in respect of a part of plumbing that is flushed by an automatic device if,

(a) the operator of the school, private school or day nursery ensures that the operability of the device is verified,

(i) at a minimum, at the frequency set out in the instructions provided by the manufacturer of the device, or

(ii) if no instructions mentioned in subclause (i) are available, at least once in each month; and

(b) the operator of the school, private school or day nursery ensures that a record is made of the date of each verification mentioned in clause (a) and the name of the person who made the verification.

No records of system flushing were kept or prepared at this facility. The flush points were not identified. No automatic flushing equipment was in use at this facility.

Action(s) Required:

The Operator shall immediately begin making records of the flushing completed within the drinking water system at the Collingwood Learning Centre in accordance with Subsection 3(4) and Subsection 3(5) (if applicable) of O. Reg. 243/07.

4. The operator of the facility did not ensure that the required information is available to the public during normal business hours, including records of flushing, sampling, exceedances, every Director's direction, and a copy of O. Reg. 243/07.

Section 8 of O. Reg. 243/07 states:

8. (1) The operator of a school, private school or day nursery shall ensure that the following information is available for inspection by any member of the public during normal business hours without charge at the school, private school or day nursery:

1. A copy of every record made under section 3, 4, 4.1, 5 or 5.1.

2. A copy of every test result obtained in respect of a test required under section 5, 5.1 or an order.

3. A copy of every test result in respect of which a report was required under section 6.

3.1 A copy of every director's direction given under section 4.1, subsection 5 (2.2) and section 5.1.

4. A copy of this Regulation. O. Reg. 243/07, s. 8 (1); O. Reg. 417/09, s. 9 (1-3).

(2) Paragraphs 2 and 3 of subsection (1) do not apply to a test result until the day after it comes into the possession of the operator of the school, private school or day nursery. O. Reg. 243/07, s. 8 (2).

(3) Paragraphs 1, 2 and 3 of subsection (1) do not apply to a record or test result that is more than two years old. O. Reg. 243/07, s. 8 (3).

(4) Paragraph 3.1 of subsection (1) does not apply to a director's direction that is more than two years old. O. Reg. 417/09, s. 9 (4).

There were no flushing records available. An out of date version of O. Reg. 243/07 was kept at the site. The only sample results available were from the 2009 tests. There were no reported lead exceedances which would have required reports.

A current version of O. Reg. 243/07 was installed at the time of inspection as was a copy of the 2010 sampling results.

Copies of the information typically kept at a facility are also maintained at the SCDSB Facility Services main office in Midhurst, a location from which maintenance activities including the lead flushing and monitoring programs are managed.

The missing sampling results could have been obtained from the main office upon request.

Action(s) Required:

The Operator of the Collingwood Learning Centre shall ensure that all of the documents and information required to be provided at the school in accordance with Section 8 of O. Reg. 243/07 are provided.

SUMMARY OF BEST PRACTICE ISSUES AND RECOMMENDATIONS

This section provides a summary of all best practice issues identified during the inspection period. Details pertaining to these items can be found in the body of the inspection report. Best Management Practices are recommendations and not mandatory requirements, but may lead to safe drinking water for the consumer.

In the interest of continuous improvement in the interim, it is recommended that owners and operators develop an awareness of the following practices and consider measures to implement them so that all drinking water systems continuously improve their processes.

1. The following issues were also noted during the inspection:

- 1) There was no plumbing map or flushing location map available.
- 2) No flushing was completed and no one was designated to complete this duty.
- 3) No records were provided to indicate what days the school was open on, when any holidays or closures occurred, when and what times the Right Turn Program was in operation or when or what times children were on site.
- 4) An old version of O. Reg. 243/07 was included in the flushing binder.
- 5) Samples were collected at the same location in each of two separate years.

Recommendation:

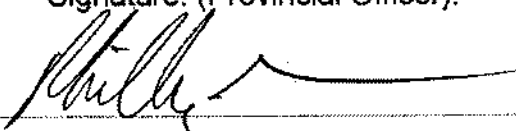
- 1) A facility or plumbing map should be prepared including any five minute and any ten second flushing locations.
- 2) More than one person should be designated to complete the flushing so it continues to be completed if a person is absent.
- 3) Records should indicate on what days the school was open, when any holidays or closures occurred, when and what times the Right Turn Program was in operation, and when or what times children were on site.
- 4) Out-of-date documents should be removed from the flushing binder.
- 5) Sample locations should be varied from year to year.

SIGNATURES

Inspected By:

Phillip Sauer

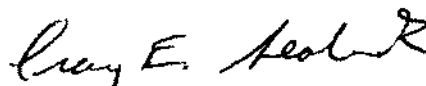
Signature: (Provincial Officer):



Reviewed & Approved By:

for/ Sheri Broeckel

Signature: (Supervisor):



Review & Approval Date:

2011 - 03 - 03

Note: This inspection does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they apply or may apply to this facility. It is, and remains, the responsibility of the owner and/or operating authority to ensure compliance with all applicable legislative and regulatory requirements.

DRINKING WATER SYSTEM COMPONENTS DESCRIPTION

Name: Collingwood Learning Centre**Station Id #:****Type:** Other**Sub Type:** Other**Street Number:** 180**Street Name:** Ontario Street**Lot:****Concession:****Part:****Reference Plan:****Map Datum:** NAD 83**Geo-Referencing Method:** GPS**Accuracy Estimate:** 1-10 Meters (Good Quality GPS)**Location Reference:** Near Object**UTM Zone:** 17**UTM Northing:** 4927692**UTM Easting:** 562727**Latitude:****Longitude:**

SGS

(C of C) LIMS No:

Request for Laboratory Services and CHAIN OF CUSTODY (specific SDWA/HPPA - 1st Party)

Jun 15 2010

SGS Environmental Services - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Toll Free: 877-747-7659 Fax: 705-652-6355 Web: www.ca.sgs.com

SGS Environmental Services - London: 557 Concession Court, London, ON N6E 2S0 Phone: 519-872-4500 Toll Free: 877-648-8000 Fax: 519-872-6001 Web: www.ca.sgs.com

Laboratory Section:

Sample condition upon receipt:

Received Date:

06/06/10

Received Time (After Hours Only):

Temperature upon receipt (°C):

8

Invoice to:	Company:	Simcoe County District School Board		Quote #:	Attached Parameter List: ☐ No ☐ Yes
	Attention:	Terry Johnson			
Report to: (2)	Address:	1170 Hwy 26, Midland, ON, L0L 1X0		Requested Turnaround Time:	24-48h ☐ 7-10 d ☐ 5-7 d ☐ Other: ☐ Specify:
	Email:	tjohnson@scdsb.on.ca			
	Attention:	Terry Johnson	PO #:		
	Email:	tjohnson@scdsb.on.ca			
	Phone:	705-734-6363 ext 11334			
	Fax:				

Drinking Water System Information				Client Lab #:	11209
System Name:	Simcoe County District School Board (Collingwood Adult Learning Centre)			Waterworks Number:	500045709
Physical Address:	160 Ontario St., Collingwood, ON L9Y 1M6			Contact Phone Number:	705-734-6363 ext 11334
Contact Name:	Terry Johnson			Contact Fax Number:	705-728-2265
MOH Unit (Ministry of Health):	Simcoe Muskoka District Health Unit			Day Care Licence # or SFIS #:	SFIS#: 8233
Please check the regulation that applies to your water samples:				Samples NOT Regulated ☐	
O.Reg 170/03 ☐				O.Reg 318/08 ☐	
O.Reg 319/08 ☐				O.Reg 243/07 ☒	

As per the Ontario Safe Drinking Water Act and Health Protection and Promotion Act, the water facility information and the sample information sections must be filled out prior to processing samples. Sample Source Codes indicate whether samples are Reportable or Not Reportable. The laboratory will report all exceedances to the SDWA/HPPA as per sample the applicable regulation and source codes.

Sample Information											
Sample Source Code	Sample Location Name	Check if Re Sample From an Adverse Report	Date Sampled (mm/dd/yy)	Time Sampled	# of Bottles	Field Total Residual Chlorine	Field Free Residual Chlorine	Analysis Requested (please enter the analysis required below and check off which analysis applies to each sample)			
								Lead			
1	TAP Standing - Rm 101		06/19/10	8:40	1	-	-	X			
2	TAP Flushed - Rm 101		06/19/10	9:05	1	-	-	X			
3											
4											
5											
6											
7											
8											
9											
10											

Sampled By (1):	Dean Sears	Date:	06/19/10 (mm/dd/yy)
Samples Relinquished to Lab by (2):	Dean Sears	Date:	06/21/10 (mm/dd/yy)

Sample Source Codes

DW-Distribution Water: Water in the DWS that is in the distribution system. These samples are reportable under applicable Ontario drinking water regulations.
TW-Treated Water: Water in the DWS at the point of entry to the distribution system. These samples are reportable under applicable Ontario drinking water regulations.
RW-Raw Water: Water source for a DWS that has a treatment system. These samples are not for consumption and not reportable under applicable Ontario drinking water regulations.
C-Raw Water For Consumption: Water source for a DWS that does not have a treatment system. These samples are for consumption and are reportable under applicable Ontario drinking water regulations.

Tap Water: Water taken for the purposes of testing under applicable Ontario drinking water regulations.

NR-Not Reportable: Water samples that are not reportable under applicable Ontario drinking water regulations.

Note: (1) Submission of samples to SGS is acknowledgement that you have been provided direction on sample collection/handling and transportation of samples. (2) Submission of samples to SGS is considered authorization for completion of work. Signatures may appear on this form or be retained on file in the contract or in an alternative format (e.g. shipping documents). (3) Results may be sent by email to an unlimited number of addressees for no additional cost. Fax is available upon request, but is limited to one fax number free of charge.

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.html. (Printed copies are available upon request.) Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.



SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.

Keefield - Ontario - K0L 2H0

Phone: 705-652-2000 FAX: 705-652-6365

Works #: 500045709

Project #: SFIS#:8233

Thursday, June 24, 2010

Simcoe County District School Board (Collingwood Adult Learning Centre)

Attn : Terry Johnson

Date Rec. : 21 June 2010

LR Report: CA15520-JUN10

Reference: WO#: 101895- PO#
100108*R001

1170 Hwy 26

Midland, ON

L0L 1X0,

Phone: 705-734-6363 ext 11334

Fax:

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Lead ug/L
1: Analysis Start Date		---	24-Jun-10
2: Analysis Start Time		---	09:05
3: Analysis Approval Date		---	24-Jun-10
4: Analysis Approval Time		---	11:26
5: MAC		--	10
6: MDL		---	0.02
7: TAP Standing-Rm 101	19-Jun-10 08:40	8.0	2.20
8: TAP Flushed-Rm 101	19-Jun-10 09:15	8.0	1.51

MAC - Maximum Acceptable Concentration

MDL - SGS Method Detection Limit

Kimberley Didsbury

Project Specialist

Environmental Services, Analytical

Jan 16 710 B09

(C of C) LIMS No:

SGS and CHAIN OF CUSTODY (specific SDWA/HPPA - 1st Party)

Phone: 705-652-2000 Toll Free: 1-877-SGS-Solv (747-7650) Fax: 705-652-6365 Web: www.ca.sgs.com

Received Date:

06.23.09

Logged-in Date:

Temperature upon receipt (°C):

9.3

Quote #:

Attached Parameter List:

☐ NO

☐ YES

Requested Turnaround Time:

Lab App.

*24-48h

☐

7-10 d

☐

5-7 d

☐

Other

☐

Specify

*Rush TA requests require lab approval

Client Lab #:

Drinking Water System Information

Waterworks Number:

Day Care Licence # or

SFIS #:

8233

Contact Name: Terry Johnson - Phone: 705-734-6363 ext 11334, Fax: 705-728-2265

BOH Unit priority Simcoe Muskoka District Health Unit - Phone: 705-721-7520 or 1-877-721-7520, Fax: 705-721-1495

Please check the regulation that applies to your water samples.

O.Reg 176/03 ☐

O.Reg 316/08 ☐
O.Reg 316/08 ☐
(previously O.Reg 252/05)

O.Reg 243/07 ☒

Samples NOT Regulated ☐

As per the Ontario Safe Drinking Water Act and Health Protection and Promotion Act, the water facility information and the sample information sections must be filled out prior to processing samples. Sample Source Codes * indicate whether samples are Reportable or Not Reportable. The laboratory will report all exceedences to the SDWA/HPPA as per sample the applicable regulation and source codes.

Sample Information

Sample Source Code	Sample Location Name	Check if Re Sample From an Adverse Report	Date Sampled (mm/dd/yyyy)	Time Sampled	# of Bottles	Field Total Residual Chlorine	Field Free Residual Chlorine	Analysis Requested (please enter the analysis required below and check off which analysis applies to each sample)			
								Lead			
1	TAP Standing - Rm 101	☒	06/23/09	9:40am	1			X			
2	TAP Flushed - Rm 101	☒	06/23/09	9:45	1			X			
3											
4											
5											
6											
7											
8											
9											
10											

Sampled By: Dean Sauer

Date:

June 20/09

Note: Results will be sent by email to an unlimited number of addresses for no additional fee. In the absence of email, fax is available upon request but limited to one fax number free of charge.

* Sample Source Codes

W-Distribution Water: Water in the DWS that is in the distribution system. These samples are reportable under applicable Ontario drinking water regulations.
W-Treated Water: Water in the DWS at the point of entry to the distribution system. These samples are reportable under applicable Ontario drinking water regulations.
W-Raw Water: Water source for a DWS that has a treatment system. These samples are not for consumption and not reportable under applicable Ontario drinking water regulations.
WFC-Raw Water For Consumption: Water source for a DWS that does not have a treatment system. These samples are for consumption and are reportable under applicable Ontario drinking water regulations.
Water: Water taken for the purposes of testing under applicable Ontario drinking water regulations.
Reportable: Water samples that are not reportable under applicable Ontario drinking water regulations.

Signature: [Signature]

Date:

June 22/09 (mm/dd/yyyy)

SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Slmcoe County District School Board (Collingwood Learning Centre)
Attn: Terry Johnson tjohnson@sdsb.on.ca

Thursday, June 25, 2009

Date Rec.: 22 June 2009
LR Report: CA16710-JUN09

Copy: #1

1170 Hwy 26
Midland, ON
L0L 1X0,
Phone: 705-734-6363 ext 11334
Fax: pdf format

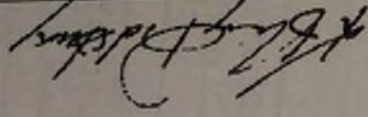
CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature °C	Lead ug/L
-----------	--------------------	----------------	-----------

1: Analysis Start Date	24-Jun-09	---	---
2: Analysis Start Time	15:20	---	---
3: Analysis Approval Date	25-Jun-09	---	---
4: Analysis Approval Time	11:52	---	---
5: MAC	10	---	---
6: MDL	0.02	---	---
7: TAP Standing - Rm 101	20-Jun-09 09:10	9.0	2.17
8: TAP Flushed - Rm 101	20-Jun-09 09:45	9.0	1.42

Kimberley Didsbury
Project Specialist
Environmental Services, Analytical



Page 1 of 1
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This whole shipment and may not reflect the temperature of individual samples.

SGS

(C of C) LIMS No:

Request for Laboratory Services and CHAIN OF CUSTODY (specific SDWA/HPA - 1st Party)

Jun 15 2010

SGS Environmental Services - Lakeside: 185 Concession St., Lakeside, ON N0L 2H0 Phone: 705-652-2000 Toll Free: 877-747-7558 Fax: 705-652-6315 Web: www.sgs.com

SGS Environmental Services - London: 857 Concession Court, London, ON N6E 2S8 Phone: 519-672-4500 Toll Free: 877-845-0060 Fax: 519-672-0761 Web: www.ca.sgs.com

Laboratory Section
Sample condition upon receipt:

Received Date:

06/11/10

Received Time (After Hours Only):

8

Temperature spo... (°C):

Invoice to:	Company:	Simcoe County District School Board		Quote #:	Attached Parameter List: ☐ NO ☐ YES	
	Attention:	Terry Johnson				
Report to: (2)	Address:	1170 Hwy 26, Midland, ON, L0L 1X0		Requested Turnaround Time:	☐ 24-48h ☐ 7-10 d ☐ 5-7 d ☐ Other: ☐ Specify:	
	Email:	johnson@scdsb.on.ca				
	Attention:	Terry Johnson	PO #:			Work Order 101895 PO# 100108/R001
	Email:	johnson@scdsb.on.ca				Phone:
			Fax:			

Drinking Water System Information

Client Lab #: 11207

System Name:	Simcoe County District School Board (Collingwood Alternative School)	Waterworks Number:	500045813
Physical Address:	20 Balsam St, Unit # 6, Collingwood, ON	Contact Phone Number:	705-734-6363 ext 11334
Contact Name:	Terry Johnson	Contact Fax Number:	705-728-2265
MOH Unit (Ministry of Health):	Simcoe Muskoka District Health Unit	Day Care Licence # or SFIS #:	SFIS#: 10779
Please check the regulation that applies to your water samples:		O.Reg 170/03 ☐	O.Reg 318/08 ☐
		O.Reg 319/03 ☐	O.Reg 243/07 ☒
		Samples NOT Regulated ☐	

As per the Ontario Safe Drinking Water Act and Health Protection and Promotion Act, the water facility information and the sample information sections must be filled out prior to processing samples. Sample Source Codes indicate whether samples are Reportable or Not Reportable. The laboratory will report all exceedances to the SDWA/HPA as per sample the applicable regulation and source codes.

Sample Information

Analysis Requested
(please enter the analysis required below and check off which analysis applies to each sample)

Sample Source Code	Sample Location Name	Check if Re Sample From an Adverse Report	Date Sampled (mm/dd/yy)	Time Sampled	# of Bottles	Field Total Residual Chlorine	Field Free Residual Chlorine	Lead				
1	TAP Standing - Kitchen		06/19/10	9:30 am	1	-	-	X				
2	TAP Flushed - Kitchen		06/19/10	10:10 am	1	-	-	X				
3												
4												
5												
6												
7												
8												
9												
10												

Sampled By (1):

Samples Relinquished to Lab by (2):

Date: 06/11/10 (mm/dd/yy)

Date: 06/20/10 (mm/dd/yy)

Sample Source Codes

DW-Distribution Water: Water in the DWS that is in the distribution system. These samples are reportable under applicable Ontario drinking water regulations.
 TW-Treated Water: Water in the DWS at the point of entry to the distribution system. These samples are reportable under applicable Ontario drinking water regulations.
 RW-Raw Water: Water source for a DWS that has a treatment system. These samples are not for consumption and not reportable under applicable Ontario drinking water regulations.
 RWFC-Raw Water For Consumption: Water source for a DWS that ~~does not~~ have a treatment system. These samples are for consumption and are reportable under applicable Ontario drinking water regulations.

Tap Water: Water taken for the purposes of testing under applicable Ontario drinking water regulations.
 Not Reportable: Water samples that are not reportable under applicable Ontario drinking water regulations.

Notes: (1) Submission of samples to SGS is acknowledgement that you have been provided direction on sample collection/handling and transportation of samples. (2) Submission of samples to SGS is considered authorization for completion of work. Signatures may appear on this form or be retained on file in the contract, or in an alternative format (e.g. shipping documents). (3) Results may be sent by email to an unlimited number of addresses for no additional cost. Fax is available upon request, but is limited to one fax number free of charge.

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. (Printed copies are available upon request.) Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

SGS
 SGS Canada Inc.
 P.O. Box 4300 - 185 Concession St.
 Lakefield - Ontario - K0L 2H0
 Phone: 705-652-2000 FAX: 705-652-6365

Works #: 500045709

Project #: SFIS#:8233

Thursday, June 24, 2010

Simcoe County District School Board (Collingwood Adult Learning Centre)

Attn: Terry Johnson

Date Rec.: 21 June 2010

LR Report: CA15520-JUN10

Reference: WO#: 101895- PO#
 100108*R001

1170 Hwy 26
 Midland, ON
 L0L 1X0,

Copy: #1

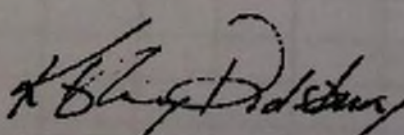
Phone: 705-734-6363 ext 11334
 Fax:

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Lead ug/L
1: Analysis Start Date		---	24-Jun-10
2: Analysis Start Time		---	09:05
3: Analysis Approval Date		---	24-Jun-10
4: Analysis Approval Time		---	11:26
5: MAC		---	10
6: MDL		---	0.02
7: TAP Standing-Rm 101	19-Jun-10 08:40	8.0	2.20
8: TAP Flushed-Rm 101	19-Jun-10 09:15	8.0	1.51

MAC - Maximum Acceptable Concentration
 MDL - SGS Method Detection Limit


 Kimberley Didsbury
 Project Specialist
 Environmental Services, Analytical

SGS
SGS Canada Inc.
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Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

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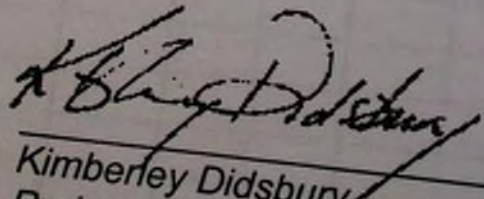
Copy: #1

CERTIFICATE OF ANALYSIS

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8: TAP Flushed-Rm 101	19-Jun-10 09:15	8.0	1.51

Maximum Acceptable Concentration
SGS Method Detection Limit


Kimberley Didsbury
Project Specialist
Environmental Services, Analytical



Lincoln County District School Board
Midhurst, Ontario
L9L 1G2
Phone (705) 251-3529
Fax (705) 251-2366

CUSTODIAL

DAILY FLUSHING FOR LEAD - ONTARIO REGULATION 243/07
RECORD SHEET

SCHOOL:

*The locations where flushing is required are indicated on the floor plans included in this binder.

[illegible]

Keep a record of each flushing (date, time and name & signature of person performing the flushing) and FAX a copy of this record to Carolyn DeLorenzo, Secretary - Design, Construction Maintenance at the end of each month. Fax # 705-728-2265.

000150

FLUSHING FOR LEAD - ONTARIO REGULATION 243/07

REGISTRAR OF REGULATIONS	
Filed as O. Reg.	243/07
On	JUN 07 2007
Proposed source law publication date:	
e-Laws	June 11/07
Ontario Gazette	June 23/07

ONTARIO REGULATION
made under the

SAFE DRINKING WATER ACT, 2002
SCHOOLS, PRIVATE SCHOOLS AND DAY NURSERIES
GENERAL

Interpretation

1. (1) In this Regulation,

"day nursery" means a day nursery as defined in the *Day Nurseries Act*;

"private school" means a private school as defined in the *Education Act*;

"school" means a school as defined in the *Education Act*.

(2) For the purposes of this Regulation, a school or private school is open on a day if, at any time during that day, programs for children under 18 years of age are held at the school or private school.

(3) For the purposes of this Regulation, a day nursery is open on a day if, at any time during that day, any of the children cared for are present in the day nursery.

Exemption

2. This Regulation does not apply to a school, private school or day nursery that obtains water from a drinking-water system if the exemption provided by section 8 of Ontario Regulation 170/03 (Drinking-Water Systems) made under the Act applies to the system.

Custodial Procedures Manual
General Information 01-34
Page 1 of 13

Issued: February/2002
Revised: August/2007
Subject: WATER SYSTEMS FLUSHING
Issued by: Superintendent of Facility Services

BACKGROUND:

All schools must perform routine flushing of the water supply on a frequency as is required under Ontario Regulation 243/07 made under the *Safe Drinking Water Act, 2002*. (see Appendix A)

Key provisions of this regulation are:

1. Plumbing must be flushed **every** day that a school is open if the school or part of the construction of the facility was completed before January 1, 1990, or if the school is on a well rather than a municipal water system.
2. All other schools (where construction began on or after January 1, 1990) are required to have the plumbing flushed weekly. Appendix B provides a list of schools built before 1990, therefore, requiring the **DAILY** flushing of the water systems. All other schools not included in this list will require the **WEEKLY** water systems flushing.

PROCEDURES:

1. Schools requiring daily flushing of the water supply must be flushed every morning prior to the arrival of students.
2. Schools requiring the weekly flushes must be flushed on the first day that the school is open in each week, prior to the arrival of the students.
3. The flushing must continue for a minimum of five (5) minutes.
4. To achieve this, flush the water supply by opening the last cold water tap on each branch or each run of pipe in the plumbing. *
5. If a filter or other device that treats water is installed on or near the top referred to in #4 (above), and it is practicable to bypass the filter or other device without removing it, the filter or device must be bypassed during the flushing process outlined in procedure #4 (above).
6. After the cold water flushing is completed, the cold water at every drinking water fountain and every tap that is commonly used to provide water for human consumption* must be turned on for at least 10 seconds.
7. A record is made of the date and time of every flushing, and the name of the person who performed the flushing (see Appendix C or D).

1

BOARD PROCEDURES
#01 - 34

1

2

"FLUSHING FOR LEAD -
ONTARIO REGULATION
243/07"

2

3

FLOOR PLANS

3

4

FLUSHING RECORDS

4

5

ANNUAL SAMPLING
LOGS

5

6

TEST RESULTS/MINISTRY
ORDERS

6

7

REPORTS OF TEST
RESULTS

7

8

FUTURE USE

8

WATER SYSTEMS FLUSHING

1

2

3

4

5

6

7

8



Ontario

Ministry of
the Environment

Laboratory Services Notification (LSN)

Schools, Private Schools and Day Nurseries
(O. Reg. 243/07)

Instructions

Please complete this form and fax/email directly to:

Ministry of the Environment
Drinking Water Programs Branch

Fax: 416 314-8716

Email: reg170_formsubmission.moe@ontario.ca

If you require assistance in completing the form, please
call 1 866 793-2588 (toll free).

The most current version of this form is posted on the
Ministry of the Environment web site at
www.ene.gov.on.ca

Form Submission Information (please check one)

☐ This is my first submission of the Laboratory Services Notification Form (LSN) to the Ministry.
Please complete sections 1, 2, 3 and 4.

☒ I wish to notify the Ministry that I am changing licensed laboratories for my drinking-water testing.
Please complete sections 1 and 4.

Section 1: Schools, Private Schools and Day Nurseries Information

Name of School/Day Nursery

See attached list for SIMCOE COUNTY DISTRICT SCHOOL BOARD

Type

☒ School

☐ Private School

☐ Day Nursery

Drinking Water Information System (DWIS) No.

Ministry of Education SFIS No.

Children and Youth Services Identification No.

Location of School/Day Nursery
Street No. and Name

Unit/Suite

Rural Route

Lot/Part/Block/Section

Concession/Plan

City/Town/Municipality

Province

Postal Code

Business Telephone No. (including area code)

Fax No. (including area code)

Contact information

Last Name

JOHNSTON

First Name

TERRY

Position

OPERATOR

Telephone No. (including area code)

705 728 7510

ext.

Fax No. (including area code)

705 728 2265

Email Address

tjohnston@scdsb.on.ca

Comments

Section 2: Source of Drinking Water Supply (if known)

Name of Municipal Drinking Water System (MRDWS) which supplies school/day nursery drinking water	MRDWS No. (for ministry staff only)

Section 3: School/Day Nursery Operator Information

Legal Name of School/Day Nursery Operation (i.e. School Board)

See attached list for SIMCOE COUNTY DISTRICT SCHOOL BOARD

Operator Contact Name

TERRY JOHNSON

Street No. and Name	Unit/Suite	Rural Route	Lot/Part/Block/Section	Concession/Plan
City/Town/Municipality	Province			Postal Code
Telephone No. (including area code)	Fax No. (including area code)			
705 728-7570	705-728-2265			
Email Address				
tjohnston@scdsb.on.ca				

Section 4: Identification of Licensed Laboratory and Lead Testing

O. Regulation 243/07 (Subsection 5(2)) requires the identification of any contracted licensed laboratory(s) hired to perform lead testing.

Drinking water system owners must complete and submit this form to the Ministry prior to submitting drinking water samples to your contracted licensed laboratory for testing. Once you have submitted this form, it does not have to be re-submitted **unless** you take your samples to a different licensed laboratory for testing. The listing of licensed laboratories can be found on the following website: <http://www.ene.gov.on.ca/envision/water/sdwa/licensedlabs.htm>

Failure to notify the parties in accordance with the Regulation and/or submission of false information constitutes an offence.

Your licensed laboratory can assist with completing this section of the form.

Name/Contact Information of Licensed Laboratory Performing Lead Testing

Laboratory Name SGS ENVIRONMENTAL SERVICES LAKEFIELD				Licence Number 2206	
Street No. and Name 185 CONCESSION ST.	Unit/Suite	City/Town/Municipality LAKEFIELD	Province ON	Postal Code K0L 2H0	

Please specify additional testing identified in MOE (Certificate of Approval, Order or Direction)

I declare that the information provided on this form is accurate.

Prepared by (print name) KAREN SARBUTT	Signature <i>Karen Sarbutt</i>	Date (yyyy/mm/dd) 2009/04/14	Telephone No. (including area code) 705 652 2047
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Collection of information on this form is done in accordance with the *Safe Drinking Water Act* (SDWA, 2002) and its regulations. Information gathered herein, including personal information, is governed by the *Freedom of Information and Protection of Privacy Act* (FIPPA) and may be disclosed to other government agencies (including municipal health unit employees) pursuant to 'Section 42' of the FIPPA for the consistent purpose of administering any Act or program that pertains to drinking water safety. For questions and concerns, please contact the Ministry of the Environment at 1-866-793-2588.

Drinking Water Information System (eDWIS)

Report Selected: **DWS Profile Report**

DWS: 'R243 COLLINGWOOD LEARNING CENTRE (8233)'

Created Date/Time: 2011/02/02 10/02

**Drinking Water Information System - DWS Profile Report for
'R243 COLLINGWOOD LEARNING CENTRE (8233)'**

DWS OWNER'S INFORMATION

Name of the DWS Owner:	SIMCOE COUNTY DISTRICT SCHOOL BOARD		
DWS Ownership Type:	SCHOOL BOARD		
Business Name:	SIMCOE COUNTY DISTRICT SCHOOL BOARD		
Owner's Mailing Address Information			
Street #:	1170		
Unit/Apt #:			
Street Name:	HIGHWAY 26		
Street Type:	HWY	Street Direction:	W
PO Box/Rural Route #:			
Delivery Mode:			
Delivery Installation Type:			
Delivery Installation Qualifier:			
City/Town:	MIDHURST		
Postal Code:	L0L 1X0		
Province/State:	ONTARIO		
Country:	CANADA		
Owner's Contact Person Details			
Contact Type:	OWNER CONTACT		
Contact Name:	MR TERRY JOHNSON		
Job Title:	SUPERVISOR		
E-mail:	tjohnson@scdsb.on.ca		
Phone Number:	(705) 734-6363 ext. 11334	Fax Number:	(705) 728-2265
Mobile Number:		Pager Number:	
Contact Type:	OWNER ALTERNATE CONTACT		
Contact Name:			
Job Title:			
E-mail:			
Phone Number:		Fax Number:	
Mobile Number:		Pager Number:	
7x24 Contact Person Details			
Contact Type:	DWS CONTACT		
Contact Name:	MR TERRY JOHNSON		
Job Title:	SUPERVISOR		
E-mail:	tjohnson@scdsb.on.ca		
Phone Number:	(705) 734-6363 ext. 11334	Fax Number:	(705) 728-2265
Mobile Number:	-	Pager Number:	-

DWS OPERATOR'S INFORMATION

Name of the DWS Operator:	SIMCOE COUNTY DISTRICT SCHOOL BOARD
DWS Operator Type:	SCHOOL BOARD
Business Name:	SIMCOE COUNTY DISTRICT SCHOOL BOARD

Operator's Mailing Address Information

Street #:	1170		
Unit/Apt #:			
Street Name:	HIGHWAY 26		
Street Type:	HWY	Street Direction:	W
PO Box/Rural Route #:			
Delivery Mode:			
Delivery Installation Type:			
Delivery Installation Qualifier:			
City/Town:	MIDHURST		
Postal Code:	L0L 1X0		
Province/State:	ONTARIO		
Country:	CANADA		

Operator's Contact Person Details

Contact Type:	OPERATOR CONTACT		
Contact Name:	MR TERRY JOHNSON		
Job Title:	SUPERVISOR		
Email:	tjohnson@scdsb.on.ca		
Phone Number:	(705) 734-6363 ext. 11334	Fax Number:	(705) 728-2265
Mobile Number:		Pager Number:	
Contact Type:	OPERATOR ALTERNATE CONTACT		
Contact Name:			
Job Title:			
Email:			
Phone Number:		Fax Number:	
Mobile Number:		Pager Number:	

DWS INFORMATION

MOE Client Assigned Name:	R243 COLLINGWOOD LEARNING CENTRE (8233) Distribution System
MOE Assigned Name:	R243 COLLINGWOOD LEARNING CENTRE (8233)
Municipality:	COLLINGWOOD
Category:	Small Municipal Non-Residential System
Seasonal System	
Is this DWS seasonally operated?	N
If yes, what are the operational periods?	
Shut Down	
Does this DWS shut down for 7 or more consecutive days during the operational period?	N
If yes, what are the periods the system is not in operation for each shut down?	
Operational Parameters	
Population Served:	
If population < 101, indicate # of private residences served:	
Rated Capacity (Estimate Acceptable):	0 L/S
Number of Service Connections:	1

DWS Designated Facility Information

MOE Assigned Name:	COLLINGWOOD LEARNING CENTRE
What are the periods the facility is not in operation:	
Interested Authority:	MINISTRY OF EDUCATION
Designated Facility Type:	SCHOOL

Facility's Mailing Address Information

Street #:	180	
Unit/Apt #:		
Street Name:	ONTARIO	
Street Type:	ST	Street Direction:
PO Box/Rural Route #:		
Delivery Mode:		
Delivery Installation Type:		
Delivery Installation Qualifier:		
City/Town:	COLLINGWOOD	
Postal Code:	L9Y 1M6	
Province/State:	ONTARIO	
Country:	CANADA	

Facility's Contact Person Details

Contact Type:	DESIGNATED FACILITY CONTACT		
Contact Name:	MR TERRY JOHNSON		
Email:	tjohnson@scdsb.on.ca		
Phone Number:	(705) 734-6363 ext. 11334	Fax Number:	(705) 728-2265
Mobile Number:	-	Pager Number:	-

DWS Public Facility Information

Profile Question Regarding the DWS

Q1. DWS supplies water to any other DWS?		No
Q2. DWS receives water from any other DWS?		No
Q3. DWS owns any of these raw water sources?	Surface	No
	Ground	No

DWS General Information

DWS Treatment Plant Address		
Address Type:	CIVIC	
Street #:	180	
Unit/Apt #:		
Street Name:	ONTARIO	
Street Type:	ST	Street Direction:
City/Town:	COLLINGWOOD	
Postal Code:	L9Y 1M6	
Province/State:	ONTARIO	
Country:	CANADA	
Geographical Township:		
Lot:		
Concession/Plan Number:		
Community where the DWS is located:		

DWS that Receive Water from your DWSDWS that supply Water to your DWS

Ground Water Source(s)

Surface Water SourcePoint(s) of EntryTreatment Process Information

Location Type	Location Name	Treatment Process	Treatment Method	Primary	Secondary
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Sampling and Analysis Requirements

PLUMBING				
PLUMBING - FLUSHED:R243 COLLINGWOOD LEARNING CENTRE (8233)				
PLUMBING - FLUSHED				
Core Sampling and Analysis Requirements				
Parameter Name	Limit	Sampling Frequency	Required By	Effective Date
INORGANIC CHEMICAL				
Lead	.01 MG/L MAC	1 EVERY 12 MONTHS	O.REG 243/07	13-JUN-08

PLUMBING - STANDING:R243 COLLINGWOOD LEARNING CENTRE (8233)				
PLUMBING - STANDING				
Core Sampling and Analysis Requirements				
Parameter Name	Limit	Sampling Frequency	Required By	Effective Date
INORGANIC CHEMICAL				
Lead	.01 MG/L MAC	1 EVERY 12 MONTHS	O.REG 243/07	13-JUN-08

Reporting RequirementsRelationships

School Name	SFIS#	WW#	School Address	Phone, Fax
-------------	-------	-----	----------------	------------

RECEIVED
APR 16 2009

s.N/R

UPDATED
APR 16 2009

Collingwood Learning Centre	8233	500045709	180 Ontario St., Collingwood, ON L9Y 1M6	(705) 445-9019 Fax: (705) 445-6362
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INCIDENT REPORT**DW System****Name:** R243 COLLINGWOOD LEARNING
CENTRE (8233)**Address:** 180 ONTARIO ST,
COLLINGWOOD, L9Y 1M6,
Canada**District Office:** Barrie District**DWS #:** 500045709**DWS Category:** Designated Facility**DWS Owner****Name:** SIMCOE COUNTY DISTRICT SCHOOL BOARD**Mailing Address:** 1170 HIGHWAY 26 Hwy W
MIDHURST ON Canada L0L 1X0**Physical Address:** 1170 HIGHWAY 26 Hwy W
MIDHURST ON Canada L0L 1X0**Phone:** (705) 734-6363**Fax:****Email:****Client Type:** SCHOOL BOARD**MOE Information****Incident Report #:** 1-93KCK**Master Incident Report #:****AWQI #:****Master AWQI #:****Date & Time Reported to MOE:** February 25, 2011 11:34:17 AM**Office Receiving Incident Report:** BARRIE DISTRICT**Incident Info Received By:****Incident Type:** Inspection Non-Compliance**Referring Inspection Report #:** 1-8QFG2**Incident Summary:** 4 noncomp items resulting from lead inspection**MOE Response:** No Field Response**Date & Time MOE Arrival:****Was an ERP called out?** N**IDS Reference #:**

Incident Description

Incident Date	Incident Description	Created By
February 25, 2011 11:38:11 AM	four non-compliance items identified through course of Feb. 3, 2011 lead inspection. Operator is expected to resolve issues through voluntary abatement practices. No returns have been requested. followup at time of next inspection recommend closure. PS feb 25/11	SAUERPH

Offences

Suspected Violations(s)/Offences(s)

Provision/Provision Wording: O.Reg. 243/07 3(3)

(3) For the purpose of clause (2) (a), plumbing shall be flushed in accordance with the following rules:

1. The cold water must be turned on for at least five minutes at the last tap on each branch or each run of pipe in the plumbing that serves a drinking water fountain or tap that is commonly used to provide water for consumption by children under 18 years of age.

2. If a filter or other device that treats water is installed on or near the tap referred to in paragraph 1 and it is practicable to bypass the filter or other device without removing it, the filter or other device must be bypassed during the period that the cold water is turned on under paragraph 1.

3. After complying with paragraph 1, the cold water must be turned on for at least 10 seconds at every drinking water fountain and every tap that is commonly used to provide water for consumption by children under 18 years of age.

4. If a tap or drinking water fountain that is turned on under paragraph 1 or 3 has an aerator, the aerator must not be removed. O. Reg. 243/07, s. 3 (3).

Compliance Action: Voluntary Abatement

Date Compliance Achieved: February 25, 2011

Summary of Details:

Subsection 3(3) states:

3. (3) For the purpose of clause (2) (a), plumbing shall be flushed in accordance with the following rules:

1. The cold water must be turned on for at least five minutes at the last tap on each branch or each run of pipe in the plumbing that serves a drinking water fountain or a tap that is commonly used to provide water for consumption by children under 18 years of age.

2. If a filter or other device that treats water is installed on or near the tap referred to in paragraph 1 and it is practicable to bypass the filter or other device without removing it, the filter or other device must be bypassed during the period that the cold water is turned on under paragraph 1.

3. After complying with paragraph 1, the cold water must be turned on for at least 10 seconds at every drinking water fountain and every tap that is commonly used to provide water for consumption by children under 18 years of age.

4. If a tap or drinking water fountain that is turned on under paragraph 1 or 3 has an aerator, the aerator must not be removed. O. Reg. 243/07, s. 3 (3); O. Reg. 400/07, s. 2 (3, 4).

Offences

Suspected Violations(s)/Offences(s)

The Operator advised that no flushing had been completed at any of the accessible taps within the building. There are three bathrooms with sinks and one sink in the cafeteria. None of these sources have been identified as end of branches. No taps have been designated as requiring five minute or ten second flushes.

Drinking boxes and bottled water are reportedly always available to the children at this facility.

Actions/Recommendations:

The Operator shall complete flushing of the Collingwood Learning Centre drinking water system during any week that children are in attendance in accordance with Subsection 3(3) of O. Reg. 243/07.

Provision/Provision Wording: O.Reg. 243/07 3(2)&(2.1)

s. 3 (2) The operator of a school, private school or day nursery to which this section applies shall ensure that

(a) the plumbing is flushed on the first day that the school, private school or day nursery is open in each week; and

(b) the flushing is completed before the school, private school or day nursery opens for the day. O. Reg. 243/07, s. 3 (2).

(2.1) The flushing requirement in subsection (2) does not apply in respect of plumbing that serves one of the following:

1. A part of a building that is not open during the entire week in question.
2. A part of a building that is used for student accommodation and that is not used communally.
3. A tap or drinking water fountain, if the tap or fountain is primarily intended for use by the general public.

Compliance Action: Voluntary Abatement

Date Compliance Achieved: February 25, 2011

Summary of Details:

Subsection 3(2) of O. Reg. 243/07 states:

(2) The operator of a school, private school or day nursery to which this section applies shall ensure that

(a) the plumbing is flushed on the first day that the school, private school or day nursery is open in each week; and

(b) the flushing is completed before the school, private school or day nursery opens for the day. O. Reg. 243/07, s. 3 (2).

Records provided indicate that no flushing was completed at this facility during the inspection period.

While this facility is open throughout the year, flushing is only required while the Right Turn Program is in operation and children are present.

Actions/Recommendations:

The Operator shall immediately beginning flushing the Collingwood Learning Centre drinking water system on the first day of any week that children are present and shall complete the required flushing before those children are provided access to the building in accordance with Subsection 3(2) of O. Reg. 243/07.

Offences

Suspected Violations(s)/Offences(s)

Provision/Provision Wording: O.Reg. 243/07 3(4)&(5)

s. (4) The operator of a school, private school or day nursery shall ensure that a record is made of the date and time of every flushing required by subsection (2) and the name of the person who performed the flushing.

s. (5) Subsection (4) does not apply in respect of a part of plumbing that is flushed by an automatic device if,

(a) the operator of the school, private school or day nursery ensures that the operability of the device is verified,

(i) at a minimum, at the frequency set out in the instructions provided by the manufacturer of the device, or

(ii) if no instructions mentioned in subclause (i) are available, at least once in each month; and

(b) the operator of the school, private school or day nursery ensures that a record is made of the date of each verification mentioned in clause (a) and the name of the person who made the verification.

Compliance Action: Voluntary Abatement

Date Compliance Achieved: February 25, 2011

Summary of Details:

Subsections 3(4) and 3(5) state:

3(4) The operator of a school, private school or day nursery shall ensure that a record is made of the date and time of every flushing required by subsection (2) and the name of the person who performed the flushing.

3(5) Subsection (4) does not apply in respect of a part of plumbing that is flushed by an automatic device if,

(a) the operator of the school, private school or day nursery ensures that the operability of the device is verified,

(i) at a minimum, at the frequency set out in the instructions provided by the manufacturer of the device, or

(ii) if no instructions mentioned in subclause (i) are available, at least once in each month; and

(b) the operator of the school, private school or day nursery ensures that a record is made of the date of each verification mentioned in clause (a) and the name of the person who made the verification.

No records of system flushing were kept or prepared at this facility. The flush points were not identified. No automatic flushing equipment was in use at this facility.

Actions/Recommendations:

The Operator shall immediately begin making records of the flushing completed within the drinking water system at the Collingwood Learning Centre in accordance with Subsection 3(4) and Subsection 3(5) (if applicable) of O. Reg. 243/07.

Provision/Provision Wording: O.Reg. 243/07 8

8. (1) The operator of a school, private school or day nursery shall ensure that the following information is available for inspection by any member of the public during normal business hours without charge at the school, private school or day nursery:

1. A copy of every record made under section 3, 4, 4.1, 5 or 5.1.

2. A copy of every test result obtained in respect of a test required under section 5, section 5.1 or an order.

3. A copy of every test result in respect of which a report was required under section 6.

Offences

Suspected Violations(s)/Offences(s)

- 3.1 A copy of every director's direction given under section 4.1, subsection 5 (2.2) and section 5.1.
- 4. A copy of this Regulation. O. Reg. 243/07, s. 8 (1).
 - (2) Paragraphs 2 and 3 of subsection (1) do not apply to a test result until the day after it comes into the possession of the operator of the school, private school or day nursery. O. Reg. 243/07, s. 8 (2).
 - (3) Paragraphs 1, 2 and 3 of subsection (1) do not apply to a record or test result that is more than two years old. O. Reg. 243/07, s. 8 (3).
 - (4) Paragraph 3.1 of subsection (1) does not apply to a director's direction that is more than two years old.

Compliance Action: Voluntary Abatement

Date Compliance Achieved: February 25, 2011

Summary of Details:

Section 8 of O. Reg. 243/07 states:

8. (1) The operator of a school, private school or day nursery shall ensure that the following information is available for inspection by any member of the public during normal business hours without charge at the school, private school or day nursery:

- 1. A copy of every record made under section 3, 4, 4.1, 5 or 5.1.
- 2. A copy of every test result obtained in respect of a test required under section 5, 5.1 or an order.
- 3. A copy of every test result in respect of which a report was required under section 6.
- 3.1 A copy of every director's direction given under section 4.1, subsection 5 (2.2) and section 5.1.
- 4. A copy of this Regulation. O. Reg. 243/07, s. 8 (1); O. Reg. 417/09, s. 9 (1-3).
 - (2) Paragraphs 2 and 3 of subsection (1) do not apply to a test result until the day after it comes into the possession of the operator of the school, private school or day nursery. O. Reg. 243/07, s. 8 (2).
 - (3) Paragraphs 1, 2 and 3 of subsection (1) do not apply to a record or test result that is more than two years old. O. Reg. 243/07, s. 8 (3).
 - (4) Paragraph 3.1 of subsection (1) does not apply to a director's direction that is more than two years old. O. Reg. 417/09, s. 9 (4).

There were no flushing records available. An out of date version of O. Reg. 243/07 was kept at the site. The only sample results available were from the 2009 tests. There were no reported lead exceedances which would have required reports.

A current version of O. Reg. 243/07 was installed at the time of inspection as was a copy of the 2010 sampling results.

Copies of the information typically kept at a facility are also maintained at the SCDSB Facility Services main office in Midhurst, a location from which maintenance activities including the lead flushing and monitoring programs are managed.

The missing sampling results could have been obtained from the main office upon request.

Actions/Recommendations:

The Operator of the Collingwood Learning Centre shall ensure that all of the documents and information required to be provided at the school in accordance with Section 8 of O. Reg. 243/07 are provided.

Caller/PO Information

Contact Name:

Company:

Telephone #:

Fax Number:

Email Address:

Mailing Address:

Provincial Officer

Name: Phillip Sauer

Badge #: 1040

Work Unit: Drinking Water Inspections Unit

District/Area Office: Barrie District

Date: February 25, 2011

Signature:

Supervisor

Name: Sheri Broeckel

Work Unit: Drinking Water Inspections Unit

District/Area Office: Barrie District

Date: February 25, 2011

Signature:

Phone: 905-501-9998
Fax: 905-501-0589
Toll free: 800-856-6261
www.agatlabs.com

MOE (Ministry of the Environment)
1-866-494-6663
www.ece.gov.on.ca

Arrival Condition: ☐ Good ☐ Poor (complete "notes")
Arrival Temperature: 90
AGAT Job Number: 08T 278448
Notes:

Company: Simcoe County District School Board
Contact: Terry Johnson
Address: 1170 Highway #26
Midhurst On, L0L 1X0
Phone: (905) 728-7570 Fax: (905) 728-2265
PO #: 296447
Client Project #: _____
AGAT Quotation #: _____

1. Name: Terry Johnson
Email: tjohnson@scdsb.on.ca

2. Name: _____
Email: _____

☒ Single
Sample per
page

☐ Multiple
Samples per
page

☐ Results by
Fax

DATE REQUIRED (Rush surcharges may apply):

☐ Large OR ☒ Small
☐ Residential OR ☒ Non-Residential
☒ Municipal OR ☐ Non-Municipal

Please specify:
Raw (R), Treated (T), Private Well (P),
Distribution (D).

☐ O Reg 170 ☐ Other
☐ O Reg 252 (Please Specify)
☐ Not Applicable

Sample Identification / Location	Date Sampled	Time Sampled	Water Type*	# of Containers	Residual Chloride (Ind. Units)	Comments
Collingwood Learning	15/06/08	7:15am	D	1		Tap Rm #101 before
Collingwood Learning	15/06/08	7:50am	D	1		Tap Rm #101 After

TOTAL # OF CONTAINERS

* Samples received after 2:00 PM will be logged in for the next day. TAT is exclusive of weekends & statutory holidays.

NOTIFICATION INFORMATION (required to report adverse results as per the Safe Drinking Water Act) **Laboratory analysis will not commence until all information is received**

Waterworks (WW) Information

Medical Officer Of Health (MOH)

WW Name: Collingwood Learning	Phone #: (605) 728-7570
WW #: 500045709	Alt. Hr. Phone #: X 113394
Location: 8233	Fax #: (605) 728-2265
Contact:	Email: priscilla.schubert@collingwoodlearning.com

Region:	Simcoe County		
Contact:			
Phone #:	(705) 721-7330	Fax #:	(705) 721-1495
Email:	HC.PH@smchm.org		

Samples Relinquished By (print name & sign)

Dean Sears Dean Sears

Samples Relinquished By (print name & sign)

Date/Time

June 15/0
7:50am

Date/Time.

Samples Received By (print name & sign)

MICHAEL GRASIC in the

Samples Received By (print name & sign)

Date/Time	Location	Activity	Remarks
10/10/2023	...	...	...

Jun 18/153

Date/Time

Pink Copy - Client

^dYellow Copy - AGAT

White Copy - AGAT

PAGE 1 of 1

NO: DW 09827



Safe Drinking Water Act 2002 O.Reg. 243/07

Drinking Water System Number:	8233
Drinking Water System Name:	Collingwood Learning Centre
Drinking Water System Owner:	Simcoe County District School Board
Drinking Water System Category:	Small non-municipal, non-residential designated facility
Period being reported:	April 1, 2009 to March 31, 2010

Complete if your Category is Large Municipal Residential or Small Municipal Residential

Does your Drinking Water System serve more than more than 10,000 people? Yes ☐ No ☒

Is your annual report available to the public at no charge on a website on the Internet?

Yes ☒ No ☐

Location where Summary Report required under O.Reg. 243/07 Schedule 22 will be available for inspection.

Simcoe County District School Board
1170 Hwy #26
Midhurst, ON
L0L 1X0

Complete for all other Categories

Number of Designated Facilities served:

1

Did you provide a copy of your annual report to all Designated Facilities you serve?

Yes ☒ No ☐

Number of Interested Authorities you report to:

1

Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility?

Yes ☒ No ☐

List all Drinking Water Systems (if any), which receive all of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
None	

Did you provide a copy of your annual report to all Drinking Water System owners that are connected to you and to whom you provide all of its drinking water?

Yes ☒ No ☐

Indicate how you notified system users that your annual report is available, and is free of charge.

- ☒ Public access/notice via the web
- ☒ Public access/notice via Government Office (Simcoe County District School Board)
- ☐ Public access/notice via a newspaper
- ☒ Public access/notice via Public Request
- ☐ Public access/notice via a Public Library
- ☐ Public access/notice via other method _____

Describe your Drinking Water System

Collingwood Learning Centre is located at 180 Ontario Street, Collingwood, ON L9Y 1M6 and is supplied from a Municipal water source.

List all water treatment chemicals used over this reporting period

Not Applicable

Were any significant expenses incurred to:

- ☐ Install required equipment
- ☐ Repair required equipment
- ☐ Replace required equipment

Please provide a brief description and a breakdown of monetary expenses incurred

Not Applicable

Flushing and Testing for Lead in Drinking Water in accordance with O. Reg. 243/07 for Schools, Private Schools and Day Nurseries.

Location Type	Number of Samples	Range of Lead Results Flushed (min#) – (max #)	Number of Exceedances
Plumbing	1	1.42 – 1.42	0

Incident Date	Range of Lead Results			Unit of Measure	Corrective Action
	Parameter	Standing	Flushed		
06/20/09	Lead	2.17	1.42	µg/L	Test sample within acceptable limits

Ontario Standard is 10µg/L

Note: Record of measurement is micrograms per litre.

Drinking Water System Number:	8233
Drinking Water System Name:	Collingwood Learning Centre
Drinking Water System Owner:	Simcoe County District School Board
Drinking Water System Category:	Small non-municipal, non-residential designated facility
Period being reported:	April 1, 2008 to March 31, 2009

Complete if your Category is Large Municipal Residential or Small Municipal Residential

Does your Drinking Water System serve more than more than 10,000 people? Yes ☐ No ☒

Is your annual report available to the public at no charge on a website on the Internet?
Yes ☒ No ☐

Location where Summary Report required under O.Reg. 243/07 Schedule 22 will be available for inspection.

Simcoe County District School Board
1170 Hwy #26
Midhurst, ON
L0L 1X0

Complete for all other Categories

Number of Designated Facilities served:

1

Did you provide a copy of your annual report to all Designated Facilities you serve?
Yes ☒ No ☐

Number of Interested Authorities you report to:

1

Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility?
Yes ☒ No ☐

List all Drinking Water Systems (if any), which receive all of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
None	

Did you provide a copy of your annual report to all Drinking Water System owners that are connected to you and to whom you provide all of its drinking water?

Yes ☒ No ☐

Indicate how you notified system users that your annual report is available, and is free of charge.

- ☒ Public access/notice via the web
☒ Public access/notice via Government Office (Simcoe County District School Board)
☐ Public access/notice via a newspaper
☒ Public access/notice via Public Request
☐ Public access/notice via a Public Library
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Describe your Drinking Water System

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List all water treatment chemicals used over this reporting period

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- ☐ Install required equipment
☐ Repair required equipment
☐ Replace required equipment

Please provide a brief description and a breakdown of monetary expenses incurred

Not Applicable

Flushing and Testing for Lead in Drinking Water in accordance with O. Reg. 243/07 for Schools, Private Schools and Day Nurseries.

Location Type	Number of Samples	Range of Lead Results Flushed (min#) – (max #)	Number of Exceedances
Plumbing	1	1.88 – 1.88	0

Incident Date	Range of Lead Results			Unit of Measure	Corrective Action
	Parameter	Standing	Flushed		
06/15/08	Lead	2.36	1.88	µg/L	Test sample within acceptable limits

Ontario Standard is 10µg/L

Note: Record of measurement is micrograms per litre.

Cordelia Thorne

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: December 4, 2023 7:55 AM
To: Cordelia Thorne
Subject: RE: TSSA Public Info. Search – 180 Ontario Street, Collingwood, ON.

NO RECORD FOUND IN CURRENT DATABASE

Hello,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are no records in our current database of any fuel storage tanks at the subject address(es).

Accessing the applications

1. Click [Release of Public Information](#) - TSSA and click "need a copy of a document"
2. Select the appropriate application, download it, complete it in full and save it (Note: you will have to upload the application)
3. Proceed to page 3 of the application and click the "TSSA Service Prepayment Portal" link under payment options (the link will take you the secure site where you can pay for the request via credit card)

Accessing the Service Prepayment Portal

1. Select new or existing customer (*if you are an existing customer, you will need your account number & postal code to access your account)
2. Under "Program Area" select **Public Information** and click continue
3. Enter application form number (found on the bottom left corner of the application form) and click continue
4. Complete the primary contact information section
5. Complete the fee section
6. Upload your completed application
7. Upload supporting documents (if required) and click continue

Once all steps have been successfully completed you will receive your payment receipt via email.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

If you have any questions or concerns, please do not hesitate to contact our Public Information Release team at publicinformationsservices@tssa.org.

Warm regards,



Kimberly Gage | Public Information Agent

Legal

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1 416-734-3348 | Fax: +1 416-734-3568 | E-Mail: kgage@tssa.org

www.tssa.org



Winner of 2022 5-Star Safety Cultures Award

From: Cordelia Thorne <cthorne@cfcrozier.ca>

Sent: Friday, December 1, 2023 12:00 PM

To: Public Information Services <publicinformationservices@tssa.org>

Subject: TSSA Public Info. Search – 180 Ontario Street, Collingwood, ON.

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hello,

Can you please check your files for any records related to the following property:

180 Ontario Street, Collingwood, ON.

Are there any files that require us to complete the Application for Release of Public Information form to release. If so, please provide us with all the details required to complete Section D so the appropriate fees are paid.

Thanks in advance.

Cordelia Thorne

Junior Environmental Scientist, Environmental Consulting Services

Office: 905.875.0026

Collingwood | Milton | Toronto | Bradford | Guelph

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Cordelia Thorne

From: Jennifer Cain-Percy <jcainpercy@collingwood.ca>
Sent: January 30, 2024 11:53 AM
To: Cordelia Thorne
Cc: Becky Dahl; Sara Almas
Subject: Access Request: A17-2312- Decision of No Responsive Records

Follow Up Flag: Follow up
Flag Status: Flagged

January 30, 2024

Cordelia Thorne
2800/100 High Point Drive
Milton, ON
L9T 6P4

DELIVERED BY EMAIL: cthorne@cfcrozier.ca

Access Request: A17-2312-- Decision of No Responsive Records

Dear Ms. Cordelia Thorne,

I am writing regarding your access request under the [Municipal Freedom of Information and Protection of Privacy Act](#) (hereafter, 'the Act') received by our office on **December 13, 2023**.

Your request is for the following information:

Timeframe Jan 1, 1900 to Dec 12, 2023

I am completing a Phase I Environmental Site Assessment (ESA) at 180 Ontario Street.

For this purpose, I am requesting any environmental records relating to this address. These may include but are not limited to records of fuel tanks, spills and other potentially contaminating activities related to the address.

Upon conducting a thorough search with Staff, we regret to inform you that the Town of Collingwood did not yield any responsive records pertaining to your specific request. Environmental reporting pertaining to spills and contaminated lands are generally reported to the Province. If you haven't already done so, you may want to reach out to the Ministry of Environment, Parks and Culture at <https://www.ontario.ca/page/report-pollution-and-spills> where you can request any reports that may have been filed on 180 Ontario Street, Collingwood.

Should you not be satisfied with this access decision, you have the right to file an appeal with the Information and Privacy Commission of Ontario within 30 days of receipt of this decision. More information about the appeal process can be found on the IPC website at <https://www.ipc.on.ca/access-individuals/filing-an-appeal/>

Please do not hesitate to contact Becky Dahl, Manager, Legislative Services at 705-445-1030 ext. 3230 or bdahl@collingwood.ca should you have any questions.

Sincerely, on behalf of Clerk, Sara Almas,

Thank you,



Jennifer Cain-Percy

FOI & Information Management Coordinator
Town of Collingwood
97 Hurontario St., P.O. Box 157
Collingwood, ON L9Y 3Z5
T. 705-445-1030 Ext. 3709 | F. 705-445-2448
www.collingwood.ca

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APPENDIX G

Water Well Records

TABLE G-1: WATER WELL RECORDS

WELL	TOWNSHIP CON LOT	UTM	DATE AND CONTRACTOR	CASING	WATER FOUND (ft)	PUMP TEST	WELL USE	FORMATION
7297410 (Z263078) A226019 A	COLLINGWOOD TOWN	17 562533 4928194 W	2017-09 7238	2	UT 0009		A - MO	CMTD 0000 FILL 0004 SILT SNDY GRVL 0006 SILT SNDY GRVL 0009 WTHD 0010
5700381	COLLINGWOOD TOWN	17 562287 4927612 W	1955-08 3807	4	FR 0064	4/8/7/:	AC	FILL 0012 LMSN 0065
5700368	COLLINGWOOD TOWN	17 562220 4927689 W	1951-08 3807	4 4	FR 0065	15///:	AC	MSND CLAY 0006 LMSN 0070
7050173 (Z60427) A059179	COLLINGWOOD TOWN	17 562557 4927281 W	2007-08 6607	1.99	FR 0007	///:	MO	BRWN SAND GRVL 0002 BRWN MSND LOOS 0008 BRWN MSND SILT GRVL 0010 GREY LMSN FCRD 0017
7220818 (Z159197) A132111	COLLINGWOOD TOWN	17 562241 4928090 W	2013-05 7190	4 2			MO	BRWN SAND 0010 GREY SAND 0015
7050174 (Z60426) A059187	COLLINGWOOD TOWN	17 562544 4927272 W	2007-08 6607	1.99	FR 0007	///:	MO	BRWN SAND GRVL 0002 BRWN MSND LOOS 0008 BRWN MSND SILT GRVL 0010
7297411 (Z263077) A226018	COLLINGWOOD TOWN	17 562569 4928226 W	2017-09 7238	2	UT 0012		MO	CMTD 0000 FILL 0004 GREY SILT GRVL SNDY 0008 GREY SAND GRVL SLTY 0011 GRVL BLDR 0015
7380191 (H244A8LZ) A300336	COLLINGWOOD TOWN CON 08 043	17 562581 4927313 W	2020-12 7190	2 6	UT 0009	9///:	MO	BRWN SAND 0012
7380190 (ODHQIPKC) A300335	COLLINGWOOD TOWN CON 08 043	17 562585 4927295 W	2020-12 7190	2 6	UT 0007	7///:	MO	BRWN SAND 0010
7380176 (J9SQX6C) A310150	COLLINGWOOD TOWN CON 08 043	17 562565 4927308 W	2020-12 7190	2 6	UT 0007	7///:	MO	BRWN SAND 0009
7380160 (UPCIRPSS) A300334	COLLINGWOOD TOWN CON 08 043	17 562554 4927287 W	2020-12 7190	2 6	UT 0007	7///:	MO	BRWN SAND 0009
7245191 (Z213048) A186341	COLLINGWOOD TOWN	17 562289 4927403 W	2015-06 7241	2			MT	BRWN GRVL SAND SILT 0008
7117611 (Z93893) A081012	COLLINGWOOD TOWN	17 562233 4928080 W	2008-11 7241	1.59			MT	BRWN SAND GRVL SOFT 0005 GREY CSND SOFT 0012
7117553 (Z93894) A081015	COLLINGWOOD TOWN	17 562228 4928085 W	2008-11 7241	1.59			MT	BRWN SAND GRVL SOFT 0005 GREY CSND SOFT 0012
7245086 (Z213050) A186736	COLLINGWOOD TOWN	17 562259 4927378 W	2015-06 7241	2			MT	BRWN GRVL SAND SILT 0007

TABLE G-1: WATER WELL RECORDS

WELL	TOWNSHIP CON LOT	UTM	DATE AND CONTRACTOR	CASING	WATER FOUND (ft)	PUMP TEST	WELL USE	FORMATION
7367836 (WYY4CGW5) A287522	COLLINGWOOD TOWN CON 08 044	17 562361 4928140 W	2020-01 7190	2 4	UT 0006	6///:	MT	BRWN LOAM LOOS 0001 BRWN SAND GRVL HARD 0013 GREY SAND SLTY HARD 0020
7367839 (Z6HDAACE) A287531	COLLINGWOOD TOWN CON 08 044	17 562385 4928100 W	2020-01 7190	2 4		///:	MT	BRWN LOAM LOOS 0001 BRWN SAND HARD 0005 GREY SILT HARD 0021 GREY SAND GRVL 0027
7367838 (RR534A8N) A287530	COLLINGWOOD TOWN CON 08 044	17 562393 4928129 W	2020-01 7190	2 4	UT 0006	5///:	MT	BRWN LOAM LOOS 0001 BRWN SAND HARD 0013 GREY SILT HARD 0020
7367837 (MOKQYY3M) A287529	COLLINGWOOD TOWN CON 08 044	17 562394 4928153 W	2020-01 7190	2 4	UT 0006	6///:	MT	BRWN LOAM LOOS 0001 BRWN SAND GRVL HARD 0011 GREY SILT SAND HARD 0020
7260734 (Z222141) A194887	COLLINGWOOD TOWN	17 562536 4927298 W	2015-12 7383	2	0006		TH	
7260733 (Z222142) A194889	COLLINGWOOD TOWN	17 562543 4927295 W	2015-12 7383	2	0006		TH	
7260735 (Z222143) A194917	COLLINGWOOD TOWN	17 562545 4927299 W	2015-12 7383	2	0006		TH	
7298743 (Z275609) A238985	COLLINGWOOD TOWN	17 562893 4928160 W	2017-10 7383	2			TH MO	SAND STNS 0004 ROCK 0013
7298744 (Z275608) A235305	COLLINGWOOD TOWN	17 562853 4928226 W	2017-10 7383	2			TH MO	SAND STNS 0004 ROCK 0013
7298745 (Z275607) A230300	COLLINGWOOD TOWN	17 562853 4928226 W	2017-10 7383	2			TH MO	SAND STNS 0004 ROCK 0023
7299998 (Z269612) A238984	COLLINGWOOD TOWN	17 562215 4927752 W	2017-10 7383	2			TH MO	SAND ROCK 0025
7190143 (C18503) A134495 P	COLLINGWOOD TOWN	17 562556 4927291 W	2012-08 7383					
7260189 (C31315) A172355 P	COLLINGWOOD TOWN	17 562272 4927515 W	2015-08 6809					
7260173 (C29955) A172352 P	COLLINGWOOD TOWN	17 562353 4927335 W	2015-07 6809					

TABLE G-1: WATER WELL RECORDS

WELL	TOWNSHIP CON LOT	UTM	DATE AND CONTRACTOR	CASING	WATER FOUND (ft)	PUMP TEST	WELL USE	FORMATION
7291413 (C37801) A225983 P	COLLINGWOOD TOWN	17 562219 4927859 W	2017-07 7238					
7043723 (Z70432) A049103	COLLINGWOOD TOWN	17 563156 4927852 W	2007-03 6607	0.75	FR 0009			BRWN SAND SILT 0001 BRWN SAND 0008 GREY SAND 0011 GREY LMSN 0012
7369150 (Z333662) A290701 P	COLLINGWOOD TOWN	17 562335 4928071 W	2020-08 7215					
7325671 (C38649) A139453 P	NOTTAWASAGA TOWNSHIP	17 562330 4927765 W	7314					

Notes:

UTM: UTM in Zone, Easting, Northing and Datum is NAD83; L: UTM estimated from Centroid of Lot; W: UTM not from Lot Centroid
DATE CNTR: Date Work Completedand Well Contractor Licence Number
CASING DIA: .Casing diameter in inches
WATER: Unit of Depth in Fee. See Table 4 for Meaning of Code

PUMP TEST: Static Water Level in Feet / Water Level After Pumping in Feet / Pump Test Rate in GPM / Pump Test Duration in Hour : Minutes
WELL USE: See Table 3 for Meaning of Code
SCREEN: Screen Depth and Length in feet
WELL: WEL (AUDIT #) Well Tag . A: Abandonment; P: Partial Data Entry Only
FORMATION: See Table 1 and 2 for Meaning of Code

1. Core Material and Descriptive terms

Code	Description	Code	Description	Code	Description	Code	Description	Code	Description
BLDR	BOULDERS	FCRD	FRACTURED	IRFM	IRON FORMATION	PORS	POROUS	SOFT	SOFT
BSLT	BASALT	FGRD	FINE-GRAINED	LIMY	LIMY	PRDG	PREVIOUSLY DUG	SPST	SOAPSTONE
CGRD	COARSE-GRAINED	FGVL	FINE GRAVEL	LMSN	LIMESTONE	PRDR	PREV. DRILLED	STKY	STICKY
CGVL	COARSE GRAVEL	FILL	FILL	LOAM	TOPSOIL	QRTZ	QUARTZITE	STNS	STONES
CHRT	CHERT	FLDS	FELDSPAR	LOOS	LOOSE	QSND	QUICKSAND	STNY	STONEY
CLAY	CLAY	FLNT	FLINT	LTCL	LIGHT-COLOURED	QTZ	QUARTZ	THIK	THICK
CLN	CLEAN	FOSS	FOSILIFEROUS	LYRD	LAYERED	ROCK	ROCK	THIN	THIN
CLYY	CLAYEY	FSND	FINE SAND	MARL	MARL	SAND	SAND	TILL	TILL
CMTD	CEMENTED	GNIS	GNEISS	MGRD	MEDIUM-GRAINED	SHLE	SHALE	UNKN	UNKNOWN TYPE
CONG	CONGLOMERATE	GRNT	GRANITE	MGVL	MEDIUM GRAVEL	SHLY	SHALY	VERY	VERY
CRYS	CRYSTALLINE	GRSN	GREENSTONE	MRBL	MARBLE	SHRP	SHARP	WBRG	WATER-BEARING
CSND	COARSE SAND	GRVL	GRAVEL	MSND	MEDIUM SAND	SHST	SCHIST	WDFR	WOOD FRAGMENTS
DKCL	DARK-COLOURED	GRWK	GREYWACKE	MUCK	MUCK	SILT	SILT	WTHD	WEATHERED
DLMT	DOLOMITE	GVLY	GRAVELLY	OBDN	OVERBURDEN	SLTE	SLATE		
DNSE	DENSE	GYPG	GYPG	PCKD	PACKED	SLTY	SILTY		
DRTY	DIRTY	HARD	HARD	PEAT	PEAT	SNDG	SANDSTONE		
DRY	DRY	HPAN	HARDPAN	PGVL	PEA GRAVEL	SNDY	SANDY		

2. Core Color

Code	Description
WHIT	WHITE
GREY	GREY
BLUE	BLUE
GREN	GREEN
YLLW	YELLOW
BRWN	BROWN
RED	RED
BLCK	BLACK
BLGY	BLUE-GREY

3. Well Use

Code	Description	Code	Description
DO	Domestic	OT	Other
ST	Livestock	TH	Test Hole
IR	Irrigation	DE	Dewatering
IN	Industrial	MO	Monitoring
CO	Commercial	MT	Monitoring TestHole
MN	Municipal		
PS	Public		
AC	Cooling And A/C		
NU	Not Used		

4. Water Detail

Code	Description	Code	Description
FR	Fresh	GS	Gas
SA	Salty	IR	Iron
SU	Sulphur		
MN	Mineral		
UK	Unknown		