Phase One Environmental Site Assessment – Ashbury College, Portion of 362 Mariposa Avenue, Ottawa, Ontario

Final Report

October 10, 2025

Prepared for:
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Executive Summary

Stantec Consulting Ltd. (Stantec) conducted a Phase One Environmental Site Assessment (ESA) for a portion of the property located at 362 Mariposa Avenue, Ottawa, Ontario, hereinafter referred to as the "Phase One Property" or "Site".

The Phase One Property is described by the following Property Identifier Number (PIN):

- 042240234

The Phase One ESA was conducted for Ashbury College (the Client) for due diligence purposes to support redevelopment of the Phase One Property. The objective of the Phase One ESA was to determine if Areas of Potential Environmental Concern (APECs) exist at the Phase One Property, which may be present as a result of current and/or historical activities on the Phase One Property or adjacent/ neighbouring properties within 250 m of the perimeter of the Phase One Property ("Phase One Study Area").

The Phase One ESA consisted of a site visit, a review of available environmental documentation related to the Phase One Property, and preparation of a report. Stantec understands that Ashbury College does not intend to file a Record of Site Condition (RSC) under O.Reg.153/04. The current land use is defined as institutional land. The Phase One ESA was performed consistent with the requirements of O.Reg.153/04; however, not all of the requirements were strictly adhered to (i.e., completion of a legal survey or review of historical land titles); thus, this report cannot be used directly for the filing of an RSC.

Phase One Property Information

Based on historical aerial photographs depicting the area of the Site between 1928 and 2024, the Phase One Property appears to have been used for institutional purposes as sports fields since at least 1928. Based on the GeoWarehouse report, the Phase One Property was purchased in 1955 by Ashbury College Inc., and it appears the Site was used as a sports field for the college. According to the site contact, Jeff Smart, Building Supervisor of Ashbury College, the Phase One Property was occupied by Ashbury College since the late 1800s; however, based on a review of the Ashbury College website, Ashbury College was located in downtown Ottawa until 1910 when it moved to the current location.

Conclusions and Recommendations

The Phase One ESA has revealed two APECs at the Phase One Property. The table below briefly summarizes the APECs and associated Potentially Contaminating Activities (PCAs).

APEC	Location of APEC	PCA	Location of PCA	Contaminants of Potential Concern[1]	Media Potentially Impacted
1	Entire Site	PCA 30 – Fill Material of Unknown Quality	On-Site	PHCs, BTEX, VOCs, PAHs, Metals and Inorganics, Hydride-forming Metals, PCBs, SVOC ABNs, B-HWS, Cn-, Cr VI, and Hg	Soil and groundwater
2	Northwestern portion of Site	PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks	Off-Site (362 Mariposa Avenue, immediately west of the Site)	BTEX, PHCs	Soil and groundwater

Note(s):

[1]Contaminants include petroleum hydrocarbons (PHCs), benzene, toluene, ethylbenzene and xylenes (BTEX), volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), metals, hydride-forming metals, polychlorinated biphenyls (PCBs), semi-volatile organic compounds – acids, bases, neutrals (SVOC ABNs), hot water soluble boron (B-HWS), mercury (Hg), chromium VI [Cr(VI)], cyanide (CN-)

Based on the findings of this Phase One ESA, it is our opinion that if future development requiring a change in land use is considered, a Phase Two ESA would be required to support filing an RSC. A Phase Two ESA could also be completed for due diligence purposes to evaluate soil and groundwater quality in the vicinity of the identified APECs.

Stantec understands the filing of an RSC under O.Reg.153/04 is not required if the intended land use does not change to be more sensitive than at present. The current land use is institutional as defined in O.Reg.153/04. The Phase One ESA was performed consistent with the requirements of O.Reg.153/04, however some report sections were adjusted to better reflect the scope of the Phase One ESA; thus, this report cannot be used without minor revisions for the filing of an RSC.

The statements made in this Executive Summary are subject to the project conditions described in the Closure (**Section 8.0**) and are to be read in conjunction with the remainder of this report.

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1 Introduction

1.1 Phase One Property Information

Stantec Consulting Ltd. (Stantec) conducted a Phase One Environmental Site Assessment (ESA) for a portion of 362 Mariposa Avenue, Ottawa, Ontario, hereinafter referred to as the "Phase One Property" or "Site". For the purposes of this Phase One ESA, the Site is defined as the sports fields associated with Ashbury College. The remainder of the Ashbury College property is therefore considered to be off-site. The Phase One Property is comprised of a parcel of land described by the following Property Identifier Number (PIN):

- 042240234

The Phase One ESA was conducted for Ashbury College (the Client) for due diligence purposes to support future redevelopment of the Site. The objective of the Phase One ESA is to determine if Areas of Potential Environmental Concern (APECs) exist at the Phase One Property, which may be present as a result of current and/or historical activities on the Phase One Property or adjacent/ neighbouring properties within 250 m of the perimeter of the Phase One Property ("Phase One Study Area").

Figures depicting the Phase One Study Area and Phase One Property are included in **Appendix A**.

The total area of the Phase One Property is approximately 13,770 square metres (1.38 hectares).

Contact information for the Client follows.

Owner/Client Contact:

Ashbury College
362 Mariposa Avenue
Ottawa, ON K1M 0T3

2 Scope of Investigation

2.1 Phase One ESA Scope of work

Given that there is no intention to change the use of the property to a more sensitive use, Stantec understands Record of Site Conditions (RSC) under O.Reg.153/04 are not required. As such, the Phase One ESA was performed consistent with the requirements of O.Reg.153/04; however, not all requirements were strictly adhered to (i.e., completion of an updated legal survey or historical land title review); thus, this report cannot be used directly for the filing of an RSC. The objectives of the Phase One ESA included the following:

- To develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property.
- To assess the need for a Phase Two ESA.
- To provide a basis for carrying out a Phase Two ESA, if necessary.
- To provide adequate preliminary information about environmental conditions in the land or water on, in or under the Phase One Property to conduct a risk assessment following completion of a Phase Two ESA, if necessary.

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

- Records review including, but not limited to, publicly available aerial photographs, city directories, landfill inventory, geological and topographic maps.
- Purchase of a database report from Environmental Risk Information Services (ERIS) consisting of a search of databases within a 250 m search radius from the perimeter of the Phase One Property.
- A request to the Ontario Ministry of the Environment, Conservation, and Parks (MECP) for documents related to various environmental concerns associated with the Phase One Property (e.g., spills, incident reports, etc.).
- Review of the Verisk Enviroscan Report for fire insurance plans and/or property underwriters' reports/plans available for the Site.
- A request to the Technical Standards and Safety Authority (TSSA) for records pertaining to fuel storage, occurrences, and incidents at 362 Mariposa Avenue.
- Review of available environmental databases and records.
- Review of additional records including, but not limited to, environmental databases, landfill inventory, company records, property register showing ownership history, and geological and topographic maps.
- Review of previous environmental reports and existing title searches.
- Interviews with persons having specific knowledge of the Phase One Property.

- A site reconnaissance to identify potentially contaminating activities (PCAs) associated with:
    - Current on-site operations;
    - Waste generation;
    - Fuel, chemical and waste storage;
    - Exterior conditions including surface features, fill material and wells; and
    - Off-site activities and operations in the Phase One Study Area.
- Evaluation of information from records reviewed, interviews, and site reconnaissance.
- Preparation of the Phase One ESA report.

A Phase One ESA does not include sampling or testing of air, soil, ground water, surface water or building materials. This assessment did not include a review or audit of operational environmental compliance issues, or of any environmental management systems, which may exist for the Site.

A site reconnaissance was conducted by Pragna Mysore Umashankar, M.Eng., E.I.T., of Stantec on May 29, 2025. The Phase One Property and readily visible and publicly accessible portions of adjoining and neighbouring properties within the Phase One Study Area were observed for PCAs. Stantec interviewed Jeff Smart, Building Supervisor of Ashbury College at the time of the site visit. Jeff Smart has been associated with the Phase One Property since 2020. Photographs from the site reconnaissance are provided in **Appendix B**.

Qualifications of the project team are provided in **Appendix C**.

2.2 Regulatory Framework

In Ontario, the roles and powers of the Ontario Ministry of the Environment, Conservation, and Parks (MECP) when dealing with contaminated sites are outlined primarily in the Environmental Protection Act (R.S.O. 1990). The MECP has a mandate to address conditions where there is an adverse effect, or the likelihood of an adverse effect, associated with the presence or discharge of a contaminant. O.Reg.153/04 provides roles and responsibilities for property owners and consultants to use when assessing the environmental condition of a property when determining whether or not restoration is required and in determining the kind of restoration needed to allow continued use or reuse of a property. The regulation includes generic numerical standards for soil and groundwater quality for specific land and groundwater uses. A Phase One ESA is an initial step in the site assessment process, which may lead to the requirement for restoration work if areas of potential environmental contamination are identified. During a Phase One ESA, samples are not collected; however, if there are previous soil or groundwater sample results available, the results are compared to applicable O.Reg.153/04 site condition standards. PCAs, as defined in O.Reg.153/04, may be identified to have been present currently or historically on the Phase One Property or within the Phase One Study Area and may be considered environmentally relevant to the Phase One Property. The PCA numbering, where applicable, is consistent with the Table 2, Schedule D. in O.Reg.153/04. It is further noted the QP may identify additional PCAs beyond those defined in O.Reg.153/04, and in such instances, the PCA numbering consistent with the Table 2, Schedule D. in O.Reg.153/04 would not be applicable.

3 Records Review

3.1 General

3.1.1 Phase One Study Area Determination

The Phase One Study Area included the Phase One Property, properties immediately adjoining the Phase One Property, and neighbouring properties located wholly or partially within 250 m from the boundary of the Phase One Property. The presence or absence of landfills and/or coal gasification plants within approximately 1 km of the Phase One Property was also evaluated. Based on the available information, it was concluded that a boundary of 250 m from the nearest point on the boundary of the Phase One Property was appropriate for the Phase One Study Area.

3.1.2 First Developed Use Determination

The former use of the Phase One Property was determined through a review of the following historical sources and additional resources as listed in **Table 8** in **Section 9.0**:

- Aerial photographs:
  - 1932, 1945, 1950, 1980, purchased from ERIS
  - 1928, 1965, 1976, 1991, 1999, 2002, 2005, 2008, 2014, 2017, 2019, and 2022 accessed from GeoOttawa
  - 2024, accessed from Google Earth
- Geowarehouse Property Details report
- Ashbury College – School History. https://ashbury.ca/about-us/#history

Based on historical aerial photographs depicting the Site between 1928 and 2024, the Phase One Property appears to have been used for institutional purposes as sports fields since at least 1928. Based on the Geowarehouse report, the Phase One Property was purchased in 1955 by Ashbury College Inc. Based on information gathered from Ashbury College's website, the first developed use of the Phase One Property is considered to be 1910 for institutional land use.

3.1.3 Fire Insurance Plans

A request as made to Verisk through ERIS for fire insurance plans (FIPs) and insurance reports for the Phase One Property or the Phase One Study Area. The following FIPs and insurance reports were identified and reviewed during the drafting of the Phase One ESA. No pertinent environmental information was identified for the Site during a review of the FIPs. A summary review of the FIPs and insurance reports is provided below:

1948 Fire Map Sheet 223 depicts a coal cellar within the school building, present east of the Site, on the east-central portion side of the building. Based on the distance from the Phase One Property, the historical coal storage is not considered a PCA that would contribute to an APEC on the Phase One Property.

Based on a review of the 1978 Survey for Rating Fire-Resistive Risks Report, the building was heated via gas-fired steam. Based on a review of the 1984 Commercial Property Fire Rating Form Report, fuel oil was identified as a heating source at 362 Mariposa Avenue. The location of historical storage/fuel tanks were not depicted on the 1978 or 1984 Site Plan Reports.

Based on the distance from the Site and the inferred down-gradient groundwater flow direction of this property relative to the Site, fuel oil and associated storage tanks as a former potential heating source are not expected to contribute to an APEC at the Phase One Property.

3.1.4 Chain of Title

A title report was purchased through GeoWarehouse for the Phase One Property. Based on the GeoWarehouse title report, the Phase One Property was purchased by Ashbury College Inc. in 1955.

3.1.5 Environmental Reports

Below is a summary of previous reports provided to Stantec for review:

Geotechnical Investigation Report – Ashbury College, 362 Mariposa Avenue, Ottawa, Ontario, dated May 2024, prepared by Stantec Consulting Ltd., completed for Ashbury College.

- Stantec completed a geotechnical investigation and provide geotechnical recommendations for the proposed development of two synthetic turf fields, a retaining wall, and a utility building at Ashbury College. As part of the investigation, 16 boreholes (BH24-01 to BH24-16) were advanced to depths ranging from 1.0 metres to 2.6 metres below ground surface (m BGS). The subsurface profile generally consisted of topsoil over silty sand to sandy silt fill underlain by a discontinuous layer of glacial till material over bedrock. Glacial till consisting of silty sandy gravel to sandy silt with gravel was encountered at boreholes BH24-10, BH24-02, BH24-08, and BH24-04.
- All open boreholes were dry upon completion of auger drilling operations.

The presence of fill material represents a PCA (**PCA 30 – Fill Material of Unknown Quality**) that contributes to an APEC (**APEC 1**) at the Phase One Property.

3.1.6 City Directories

A request was submitted to ERIS for city directory records related to the larger property of 362 Mariposa Avenue. Based on a review of the available city directories, Ashbury College and Mariposa Avenue were not identified as being present in the 1920 and 1924 city directories but were identified as being present as of 1931. From 1931 to 2024, Ashbury College and associated operations (i.e. Ashbury College Store) and various residential landowners were identified as being present at this property.

3.2 Environmental Source Information

Environmental databases and records were searched to determine if the Phase One Property and adjacent/neighbouring properties within the Phase One Study Area were listed. The databases and search results are presented in the following subsections.

3.2.1 National Pollutant Release Inventory (NPRI)

No properties within the Phase One Study Area were listed in the *National Pollutant Release Inventory* (NPRI) database searched by ERIS.

3.2.2 PCB Storage Sites and Inventory Databases

No properties within the Phase One Study Area were listed in the *National PCB Inventory* or the *Ontario Inventory of PCB Storage Sites* databases searched by ERIS.

3.2.3 Certificate of Approval / Environmental Compliance Approval

The Phase One Property was not listed in the *Certificates of Approval* and *Environmental Compliance Approval* databases searched by ERIS.

Records were identified for properties within the Phase One Study Area. Relevant details are incorporated in **Section 5.3**.

3.2.4 MECP Freedom of Information Requests

A request submitted to the MECP's Freedom of Information and Protection of Privacy Office included a search for occurrence reports and general information from the District Office, investigation documents from the Investigations and Enforcement Branch, waste generator information from the Environmental Monitoring and Reporting Branch, and orders from the Sector Compliance Branch pertaining to the legal description of the Phase One Property and current/former tenants and owners of the Phase One Property and adjoining properties.

Records were identified from the *Ontario Regulation (O.Reg) 347 Waste Generators* and the *O.Reg 347 Waste Receivers* database for Ashbury College, present east of the Site for 1999 and 2002. The records are anticipated to be associated with the Ashbury College operations and are not considered to represent a PCA contributing to an APEC at the Phase One Property.

Inspection reports and associated correspondence from 2008, 2012/2013, and 2021 in compliance with *O. Reg. 243/07: Schools, Private Schools and Child Care Centres*, established under the 2002 Safe Drinking Water Act, were identified for Ashbury College, located east of the Site. An incident report was also identified following the submission of an incomplete RSC submission involving a Phase I ESA; the RSC was reportedly updated and acknowledged.

A record was identified from the Ontario Spills Database from 2007 following the release of approximately 45 litres (L) of hydraulic oil to the ground and nearby catch basin. According to information presented within the record, the spill was cleaned up and the waste oily-water was disposed of at an appropriate waste receiving facility. The spill is not anticipated to represent an APEC at the Phase One Property. A record was also identified from 1998 for the issuance of an emergency waste generator number for Sewermatic to remove and dispose of 20 L of a poisonous liquid and 40 L of a flammable liquid classified as lab waste as a one-time removal. As the 2007 spill was identified to be contained and cleaned, and the record from 1998 was for the safe removal and subsequent disposal of lab waste, they are not anticipated to represent APECs at the Phase One Property.

A copy of the response is provided in **Appendix D**.

3.2.5 Coal Gasification Plant Waste Sites

Stantec reviewed the reports *Inventory of Coal Gasification Plant Waste Sites in Ontario, (Volumes I and II)*, dated April 1987, prepared by Intera Technologies Ltd. for the Ministry of the Environment and Climate Change (MOECC). The reports include an inventory of known coal gasification plants historically operating in Ontario. No coal gasification plants were identified within 1 km of the Phase One Property.

3.2.6 Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars

Stantec reviewed the report entitled *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, (Volumes I and II)*, dated November 1988, prepared by Intera Technologies Ltd. for the MOE. The documents identify industrial sites that produced and/or continue to produce or use coal tar and other related tars. No properties were identified within 1 km of the Phase One Property as a former producer of coal tar.

3.2.7 Hazardous Waste Generators and Receivers

ERIS searched the *Ontario Regulation (O.Reg) 347 Waste Generators* and the *O.Reg 347 Waste Receivers* databases for the Phase One Study Area. The Phase One Property was listed as a generator of various hazardous wastes from 1999 to 2024. The records are anticipated to be associated with the Ashbury College operations and are not considered to represent a PCA contributing to an APEC at the Phase One Property. The ERIS report identified records in the O.Reg 347 Waste Generators Summary for the Phase One Study Area. Relevant findings are incorporated in **Section 5.3**.

3.2.8 Technical Standards and Safety Authority (TSSA)

ERIS searched various TSSA and fuel storage databases for the Phase One Study Area. The Phase One Property and Study Area were not identified in the TSSA databases.

Additionally, Stantec submitted a freedom of information request to the TSSA for records related to fuel storage tanks, spills and contamination records for 362 Mariposa Ave on a portion of which the Phase One Property is located. No records were identified by the TSSA. A copy of the response is provided in **Appendix D**.

3.2.9 Environmental Registry

ERIS searched the *Environmental Registry* database for the Phase One Study Area. No records were identified within the Phase One Study Area.

3.2.10 Records of Site Condition (RSC)

No properties within the Phase One Study Area were listed in the *Record of Site Condition* database searched by ERIS.

3.2.11 Areas of Natural Significance

No Areas of Natural and Scientific Interest (ANSIs) were present within 2 km of the Phase One Property.

The ANSIs were sourced from the Ontario Ministry of Natural Resources, dated 2019. A formal Environmentally Sensitive Area search would be required to determine if any Areas of Natural Significance, as defined in O.Reg.153/04, are present within the Phase One Study Area.

3.2.12 Waste Disposal Sites

ERIS searched the *Waste Disposal Site Inventory* database. Stantec reviewed the information contained in the Golder Associates document titled Old Landfill Management Strategy (OLMS), Phase I, Identification of Sites, dated 2004. No records were identified within the Phase One Study Area.

3.2.13 ERIS Report

An ERIS report was purchased and consisted of a search of available databases (including unplottable records) for the Phase One Property and properties within 250 m of the Phase One Property. No records were available for the Phase One Property; relevant records for the Phase One Study Area are included in **Section 5.3**. The ERIS report is provided in **Appendix D**.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Aerial photographs were reviewed from the City of Ottawa online mapping (geoOttawa), ERIS and Google Earth to determine the historical activities within the Phase One Study Area. Aerial photographs taken in 1928, 1932, 1945, 1950, 1965, 1976, 1980, 1991, 1999, 2002, 2005, 2008, 2014, 2017, 2019, 2022, and 2024 were reviewed. No additional aerial imagery was obtained as the time between photos was deemed adequate.

Aerial photograph observations for the Phase One Study Area are included in **Table 1** below. Aerial photographs can be found in **Appendix A**.

Table 1 Phase One Study Area Aerial Photograph Observations

Year	Phase One Property Observations	Phase One Study Area Observations
1928	The Phase One Property appears to be used for institutional purposes (sports fields) associated with 362 Mariposa Avenue.	The Phase One Study Area consists of residential land uses to the south, and undeveloped/lightly forested areas with a few residential buildings to the north, and east. Residential and institutional buildings are visible west of the Phase One Property.
1932	No significant changes are visible for the Phase One Property.	No significant changes are visible for the Phase One Study Area.

Year	Phase One Property Observations	Phase One Study Area Observations
1945	No significant changes are visible for the Phase One Property.	Further residential development is visible north, east and west of the Phase One Property.
1950	No significant changes are visible for the Phase One Property.	No significant changes are visible for the Phase One Study Area.
1965	No significant changes are visible for the Phase One Property.	Expansion of Ashbury College immediately northeast of the Phase One Property is visible. The area southwest of the Phase One Property appears to be developed for institutional purposes. No other significant changes are visible for the Phase One Study Area.
1976	No significant changes are visible for the Phase One Property.	No significant changes are visible for the Phase One Study Area.
1980	No significant changes are visible for the Phase One Property.	No significant changes are visible for the Phase One Study Area.
1991	No significant changes are visible for the Phase One Property.	No significant changes are visible for the Phase One Study Area.
1999	Access paths from Maple Lane to the buildings northeast of the Phase One Property are visible. No other significant changes are visible for the Phase One Property.	Further expansion of Ashbury College immediately northeast of the Phase One Property are visible. No other significant changes are visible for the Phase One Study Area.
2002	No significant changes are visible for the Phase One Property.	A school track is visible in the area north of the Phase One Study Area. No other significant changes are visible for the Phase One Study Area.
2005	The football field on the western portion of the Phase One Property appears to be undergoing development.	No significant changes are visible for the Phase One Study Area.
2008	No significant changes are visible for the Phase One Property.	No significant changes are visible for the Phase One Study Area.
2017	No significant changes are visible for the Phase One Property.	No significant changes are visible for the Phase One Study Area.
2019	No significant changes are visible for the Phase One Property.	No significant changes are visible for the Phase One Study Area.
2022	A structure (anticipated to be a temporary tent) is visible on the northern portion of the Phase One Property.	No significant changes are visible for the Phase One Study Area.
2024	The structure noted in 2022 is no longer visible. No other significant changes are visible.	No significant changes are visible for the Phase One Study Area.

3.3.2 Topography, Hydrology, and Geology

3.3.2.1 Topography and Regional Drainage

Based on the Ministry of Natural Resources and Forestry topographic map, and the observed topography near the Phase One Property, the regional surface drainage appears to be easterly towards McKay Lake approximately 520 m east of the Phase One Property. At the time of the site reconnaissance, the Phase One Property was observed to be generally flat and at a similar elevation to the neighbouring properties.

It should be noted that the elevation of the local groundwater table can generally mimic the local topography and may not reflect the regional trend in drainage. The local shallow groundwater flow pattern also can be influenced by subsurface structures in the vicinity, such as building foundations, weeping tiles, and utility trenches.

3.3.2.2 Hydrology and Surface Water Drainage

The surfaces of the Phase One Property are primarily comprised of landscaped low-lying vegetation and turf areas. Stormwater is anticipated to drain by subsurface infiltration or overland flow into the stormwater drainage system.

3.3.2.3 Surficial Geology

Based on information obtained from an Ontario Geological Survey Map, titled *Surficial Geology of Southern Ontario*, the Phase One Property consists of fine-textured glaciomarine deposits of silt and clay, minor sand and gravel. Based on Stantec's 2024 geotechnical investigation, the subsurface stratigraphy generally consists of topsoil over silty sand to sandy silt fill underlain by a discontinuous layer of glacial till material over bedrock.

3.3.2.4 Bedrock Geology

Based on information obtained from an Ontario Geological Survey Map, titled *Bedrock Geology of Ontario, Southern Sheet,* bedrock in the area of the Phase One Property is reported to consist of limestone, dolostone, shale, arkose, sandstone of the Ottawa Group, Simcoe Group, of the Shadow Lake Formation.

3.3.3 Fill Materials

Based on Stantec's 2024 geotechnical investigation, fill material was identified in each of the boreholes advanced on the Phase One Property. The environmental quality of the fill material is unknown and is therefore considered a PCA **(PCA 30 – Fill Material of Unknown Quality**) that contributes to an APEC (**APEC 1**) at the Phase One Property.

3.3.4 Water Bodies and Areas of Natural Significance

No water bodies are present on the Phase One Property. The nearest water body is McKay Lake, located approximately 520 m east of the Phase One Property. The Ottawa River is approximately 970 m northwest of the Phase One Property. No areas of natural significance were identified on or in the immediate vicinity of the Phase One Property during a review of historical aerial photographs, topographic maps, and during a search of the Ministry of Natural Resources and Forestry's Natural Heritage Areas online mapping.

3.3.5 Well Records

Based on well records described in the ERIS report, one water well was present within the Phase One Study Area. The well was reportedly installed in 2014. No other information was available associated with this well record. However, given its location within an area supplied with potable water through the municipal system, this well is not anticipated to be used as a source of potable water.

No environmental concerns are inferred to be present at the Site associated with the water well.

3.4 Site Operating Records

The Phase One Property was not deemed an Enhanced Investigation Property, as defined in O.Reg.153/04. Site operating records were not required and were not provided to Stantec for review.

4 Interviews

Stantec interviewed Jeff Smart, Building Supervisor of Ashbury College, at the time of the site visit on May 29, 2025. Jeff Smart has been associated with the Phase One Property since 2020.

Information gathered during the interview has been included in the applicable sections of the report and was consistent with the information obtained through the other third-party sources as summarized in the relevant sections of this report.

5 Site Reconnaissance

5.1 General Requirements

A site reconnaissance was conducted by Pragna Mysore Umashankar, M.Eng., E.I.T., of Stantec on May 29, 2025. The weather was rainy, and the temperature was approximately 16°C during the site visit. The Phase One Property and readily visible and publicly accessible portions of adjacent/neighbouring properties within the Phase One Study Area were observed for the presence of PCAs and potential contaminant pathways.

Stantec was accompanied by Jeff Smart, Building Supervisor of Ashbury College, at the time of the site visit. Jeff Smart has been associated with the Phase One Property since 2020.

Site plans showing the properties within the Phase One Study Area are included in **Appendix A**, while selected photographs of the Phase One Property are included in **Appendix B**.

5.2 Specific Observations at Phase One Property

5.2.1 Property Information

The Phase One Property consists of a portion of 362 Mariposa Avenue, which was observed to be used as sports fields including a football field and soccer field.

5.2.2 Property Buildings and Structures

No buildings were present on the Phase One Property. Goal posts, benches and seating areas were observed at the time of the site visit.

5.2.3 Aboveground and Underground Storage Tanks

No chemical or fuel underground storage tanks (USTs) or aboveground storage tanks (ASTs) were identified on the Phase One Property.

5.2.4 Underground Utilities and Services

Stormwater catch basins or sanitary sewer manholes were not observed on the Phase One Property during the site visit. No other indications of underground services were observed at the Phase One Property. No underground utilities were identified on geoOttawa mapping.

5.2.5 Site Building Features

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

5.2.6 Wells

No wells were observed at the Phase One Property during the site reconnaissance.

5.2.7 Sewage Works

Manholes, or sanitary or storm sewers were not observed at the Phase One Property. Based on the site reconnaissance observations, no evidence of the generation of municipal wastewater was observed at the Phase One Property. No underground utilities were identified on geoOttawa mapping.

5.2.8 Surface Features

At the time of the site visit in May 2025, the surface of the Phase One Property was landscaped with low-lying vegetation and turf for the sports field and a stone dust walkway.

5.2.9 Current or Former Railway Lines or Spurs

No current or former railway lines were identified on the Phase One Property.

5.2.10 Surface Staining and Stressed Vegetation

No staining or stressed vegetation was observed at the Phase One Property.

5.2.11 Imported Fill and Debris

No evidence of imported fill and debris was observed at the time of the site visit.

5.3 Phase One Study Area

The current activities observed on neighbouring properties at the time of the site reconnaissance and a summary of historical information gathered through the records review are presented in the sections below.

5.3.1 North

Residential properties were located north of the Phase One Property at the time of the site visit. The area to the north has been used for residential and institutional purposes since at least 1945, prior to which the area north of the Phase One Property consisted of undeveloped/lightly forested areas or was used for residential purposes since at least 1928.

The following records were identified in the ERIS report for the properties located north of the Phase One Property:

Table 2 Phase One Study Area (North) – Environmental Source Information

Location	Database	Summary
275 Springfield Drive (approximately 170 m northeast of the Site)	Ontario Spills	• One incident of a spill involving an unknown amount of fuel spilled to the ground from a fuel storage tank due to corrosion was reported in 1988.
	Based on the distance from the Phase One Property , the spill/release is not expected to represent a PCA that would contribute to an APEC at the Phase One Property.	
350 Springfield Drive (approximately 185 m north of the Site)	Ontario Spills	• One incident of a spill involving 45 L of hydraulic oil spilled onto a parking lot due to a hose leak was reported in 1998. • The spill was reported to have been cleaned up.
	Based on the distance from the Phase One Property, the spill/release is not expected to represent a PCA that would contribute to an APEC at the Phase One Property.	

The remaining listings in the ERIS report are not expected to contribute to an APEC at the Site based on the nature of their operations, inferred groundwater flow direction, and/or the separation distances. No current or historical operations north of the Phase One Property are anticipated to represent an environmental concern to the Phase One Property.

5.3.2 East

Ashbury College and residential dwellings were located east of the Phase One Property at the time of the site visit. The area to the east has been used for institutional and/or residential purposes since at least 1910. Prior to development for institutional/residential purposes, the area east of the Phase One Property consisted of a residential or undeveloped purposes since at least 1910.

The following records were identified in the ERIS report for the properties located east of the Phase One Property:

Table 3 Phase One Study Area (East) – Environmental Source Information

Location	Database	Summary
362 Mariposa Avenue (immediately east of the Site)	O.Reg 347 Waste Generators Summary	• Generation of various hazardous wastes including polychlorinated biphenyls (PCBs) from 1998 to 2024.
	Ontario Spills	• One incident of a spill of 45 L of hydraulic oil onto the road due to equipment failure was reported in 2007. • The spill was reported to have been cleaned up. Based on the limited nature of the spill, this record is not considered to represent a PCA.
	Based on the inferred down-gradient groundwater flow direction of this property relative to the Site, and the inferred generation of hazardous waste related to educational purposes or building operations, and as such, it is inferred that limited quantities of hazardous waste are generated. The generation of hazardous waste is not anticipated to represent an APEC at the Phase One Property.	
382 Mariposa Avenue (approximately 110 m east of the Site)	Ontario Spills	• One incident of a spill of 5 L of hydraulic oil onto the road due to equipment failure was reported in 2019. • The spill was reported to have been cleaned up.
	Based on the distance from the Phase One Property and the small volume of the spill, the spill/release is not expected to represent a PCA that would contribute to an APEC at the Phase One Property.	

The remaining listings in the ERIS report are not expected to contribute to an APEC at the Site based on the nature of their operations, inferred groundwater flow direction, and/or the separation distances.

5.3.3 South

At the time of the site reconnaissance, the properties south of the Phase One Property were used for residential purposes; aerial photographs indicate the area has been used for residential purposes since at least 1928.

The following records were identified in the ERIS report for the properties located east of the Phase One Property:

Table 4 Phase One Study Area (South) – Environmental Source Information

Location	Database	Summary
9 Rock Avenue (approximately 85 m south of the Site)	Ontario Spills	• One incident of a spill of 2 L of furnace oil onto the road due to equipment failure was reported in 2004. • The spill was reported to have been cleaned up.
	Based on the volume of the spill, the spill/release is not expected to represent a PCA that would contribute to an APEC at the Phase One Property.	
70 Maple Lane (approximately 20 m southwest of the Site)	Ontario Spills	• One incident of a spill of 8 L of coolant spilled to the ground due to material failure was reported in 2024. • The spill was reported to have been cleaned up.
	Based on the volume of the spill, the spill/release is not expected to represent a PCA that would contribute to an APEC at the Phase One Property.	

The remaining listings in the ERIS report are not expected to contribute to an APEC at the Site based on the nature of their operations, inferred groundwater flow direction, and/or the separation distances.

5.3.4 West

At the time of the site reconnaissance, the properties west of the Phase One Property were used for residential and institutional purposes; aerial photographs indicate the area had been used for this purpose since at least 1945.

At the time of the time of the site visit, immediately west of the Phase One Property the following potential environmental concern was identified:

- Two double walled steel ASTs were observed. The volume of each of the ASTs was reportedly 3,785 litres (L) and the contents were gasoline and diesel. According to the site contact, the ASTs were used for fueling small vehicles at the school. The ASTs appeared to be relatively new and in good condition. Based on the interview completed during the site visit, the ASTs were installed prior to 2020. The site contact was not aware of the exact installation date and was not able to comment about the presence of previous ASTs at Ashbury College. The ground surface surrounding the ASTs was observed to be in good condition with no evidence of leaks or staining. Based on the proximity to the Phase One Property, the ASTs represent a PCA (**PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks**) that contribute to an APEC (**APEC 2**) on the Phase One Property.

The following records were identified in the ERIS report for the properties located east of the Phase One Property:

Table 5 Phase One Study Area (West) – Environmental Source Information

Location	Database	Summary
204 Springfield Road (immediately west of the Site)	O.Reg 347 Waste Generators Summary	• Generation of hazardous waste from 2002 to 2004.
	The generation of hazardous waste immediately west of the Phase One Property is for light fuels and is inferred to be associated with the ASTs identified during the course of the site visit. The generation of hazardous waste is not considered to represent an APEC on the Phase One Property.	
50 Maple Lane (approximately 140 m southwest of the Site)	O.Reg 347 Waste Generators Summary	• Generation of hazardous waste from 2011 to 2014.
	Based on the distance from the Phase One Property, the waste generation is not expected to represent a PCA that would contribute to an APEC at the Phase One Property.	
200 Springfield Road (approximately 80 m southwest of the Site)	O.Reg 347 Waste Generators Summary	• Generation of hazardous waste in 2007 and 2008.
	Based on the distance from the Site and the inferred limited quantity of hazardous waste generated, the waste generation is not expected to represent a PCA that would contribute to an APEC at the Phase One Property.	

The remaining listings in the ERIS report are not expected to contribute to an APEC at the Site based on the nature of their operations, inferred groundwater flow direction, and/or the separation distances.

5.4 Written Description of Investigation

Section 5.2 presents the findings of the site reconnaissance of the Phase One Property and **Section 5.3** presents the findings of the inspection of properties located in the Phase One Study Area for evidence of PCAs. No additional investigations were undertaken during the Phase One ESA to assess potential environmental concerns noted or identified during the site reconnaissance or records review. A summary of the relevant findings to the existence of APECs at the Phase One Property is provided below in **Section 6.3**.

6 Review and Evaluation of Information

6.1 Current and Past Uses

Based on the available GeoWarehouse report, the current owner of the Phase One Property, and a general description of the associated activities, are presented in **Table 4** below:

Table 6 Current and Past Uses

Year(s)	Name of Owner	Description of Property Use	Property Use
1910 to 1955	Not identified	Institutional	Institutional - school
1955 to Present	Ashbury College Inc.	Institutional	Institutional - school

6.2 Potentially Contaminating Activities

The following PCAs, as defined in O.Reg.153/04, were identified to have been present currently or historically on the Phase One Property or within the Phase One Study Area and were considered environmentally relevant to the Phase One Property. The PCA numbering, where applicable, is consistent with the Table 2, Schedule D. in O.Reg.153/04. PCAs at neighbouring properties located downgradient or cross gradient from the Phase One Property, or at significant distance (i.e.,>100 m) from the Phase One Property were not considered PCAs with the potential to contribute to an APEC at the Phase One Property and therefore are not summarized in **Table 7**.

Table 7 Potentially Contaminating Activities

PCA #	PCA	Location	Description
1	PCA 30 – Fill Material of Unknown Quality	On-Site	During the 2024 geotechnical investigation completed by Stantec, the subsurface materials encountered generally consisted of topsoil over silty sand to sandy silt fill underlain by a discontinuous layer of glacial till material over bedrock. The environmental quality of the fill material is unknown and is therefore considered a PCA (**PCA 30 – Fill Material of Unknown Quality**) that contributes to an APEC (**APEC 1**) at the Phase One Property.
2	PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks	Off-Site (362 Mariposa Avenue, immediately west of the Site)	During the Phase One site reconnaissance, two double walled steel ASTs were observed. The volume of each of the ASTs was 3,785 L and the contents were gasoline and diesel. According to the site contact, the ASTs were used for fueling small vehicles for the school. Based on the proximity to the Phase One Property, the ASTs represent a PCA (**PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks**) that contribute to an APEC (**APEC 2**) on the Phase One Property.

6.3 Areas of Potential Environmental Concern

Two APECs were identified on the Phase One Property based on the presence of a PCA (see **Table 7**) and are summarized in **Table 8**. PCAs were considered likely to contribute to APECs based on distance from and/or direction in relation to the Phase One Property. **Table 8** also presents the contaminants of potential concern (COPCs) associated with the PCAs, the media of concern, and a brief description of the APEC.

Table 8 Summary of APECs

APEC	Location of APEC	PCA	Location of PCA	Contaminants of Potential Concern[1]	Media Potentially Impacted
1	Entire Site	PCA 30 – Fill Material of Unknown Quality	On-Site	PHCs, BTEX, VOCs, PAHs, Metals and Inorganics, Hydride-forming Metals, PCBs, SVOC ABNs, B-HWS, Cn-, Cr VI, and Hg	Soil and groundwater
2	Northwestern portion of Site	PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks	Off-Site (362 Mariposa Avenue, immediately west of the Site)	BTEX, PHCs	Soil and groundwater

Note(s):

[1]Contaminants include petroleum hydrocarbons (PHCs), benzene, toluene, ethylbenzene and xylenes (BTEX), volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), metals, hydride-forming metals, polychlorinated biphenyls (PCBs), semi-volatile organic compounds – acids, bases, neutrals (SVOC ABNs), hot water soluble boron (B-HWS), mercury (Hg), chromium VI [Cr(VI)], cyanide (CN-)

6.4 Phase One Conceptual Site Model

In developing the Conceptual Site Model for the Phase One Property and Phase One Study Area, the following physical characteristics/pathways were evaluated in order to assess whether PCAs have contributed to an APEC at the Phase One Property. The Phase One Conceptual Site Model is depicted on **Figure No. 3**.

Table 9 Conceptual Site Model

Physical Characteristics/ Pathways	Description
Subsurface Soils	Based on information obtained from an Ontario Geological Survey Map (2010), the Phase One Property consists of fine-textured glaciomarine deposits including silt and clay, minor sand and gravel.
Bedrock	Based on information obtained from an Ontario Geological Survey Map (1991), bedrock in the area of the Phase One Property is reported to consist of limestone, dolostone, shale, arkose, sandstone of the Ottawa Group, Simcoe Group, and the Shadow Lake Formation.
Inferred Ground Water Flow Direction	Based on the Ministry of Natural Resources and Forestry topographic map, and the observed topography near the Phase One Property, the regional surface drainage appears to be easterly towards McKay Lake approximately 520 m east of the Phase One Property. At the time of the site reconnaissance, the Phase One Property was observed to be generally flat and at a similar elevation to the neighbouring properties. It should be noted that the elevation of the local groundwater table can generally mimic the local topography and may not reflect the regional trend in drainage. The local shallow groundwater flow pattern also can be influenced by subsurface structures in the vicinity, such as building foundations, weeping tiles, and utility trenches.
Underground Utilities	Storm drains and sanitary sewer manholes were not identified during the site reconnaissance throughout the Phase One Property. No other indications of underground services were observed at the Phase One Property. Water or wastewater infrastructures were not noted in the geoOttawa mapping for the Phase One Property.
Existing Buildings/Structures	No buildings were present on the Phase One Property. Goal posts, benches and seating areas were observed at the time of the site visit.
Water Bodies	No water bodies are present on the Phase One Property. The nearest water body is McKay Lake, located approximately 520 m east of the Phase One Property. The Ottawa River is approximately 970 m northwest of the Phase One Property.
Drinking Water Wells	Based on well records described in the ERIS report, one water well record was identified in the Phase One Study Area. The well was reportedly installed in 2014; no additional details were available. However, the well is unlikely to be used as a supply of potable water given its location within an area supplied with potable water through the municipal system.
Roads within the Study Area	Roads within the Study Area are shown on **Figure No. 2**.
Adjacent Property Uses	The properties adjacent to the Phase One Property are used for residential and institutional purposes.
Areas of Natural Significance	Stantec searched the Ontario Ministry of Natural Resources and Forestry's (MNRF's) Natural Heritage online database. No areas of natural or scientific interest (ANSIs) or natural heritage areas were identified within 1 km of the Phase One Property, and thus in the Phase One Study Area.

Discussion of Uncertainty or Absence of Information

The past use of the Phase One Property is well understood based on historical information sources obtained and reviewed during the Phase One ESA. The physical characteristics of the land area comprising the Site are inferred from previous environmental subsurface investigation work and ground water monitoring within the Phase One Study Area. The presence of former and current subsurface utilities near the Site are not expected to contribute contaminant migration pathways within the Phase One Property. No other potential uncertainties or missing information were encountered during completion of the Phase One ESA.

The figures provided in **Appendix A** include features and details in relation to the Phase One Study Area and the Phase One Property. In general, the figures illustrate the following where applicable: road names and existing buildings and structures; water bodies; location of areas of natural significance (if present); presence of drinking water wells at the Phase One Property (if present); property usage types on adjoining properties; APECs; locations and types of known tanks; general direction of ground water flow in the vicinity of the Phase One Property; and, the approximate locations of underground utilities or structures, if known.

7 Conclusions and Sign-off

7.1 Whether Phase Two Environmental Site Assessment Required Before Record of Site Condition Submitted

Based on the findings of this Phase One ESA, it is our opinion that if future development requiring a change in land use is considered a Phase Two ESA would be required to support filing an RSC. A Phase Two ESA may also be completed for due diligence purposes to evaluate the soil and groundwater quality in the vicinity of the above-mentioned APECs.

Stantec understands the filing of an RSC under O.Reg.153/04 is not mandatory if the intended land use does not change to be more sensitive than at present. The current land use is institutional and given that there is no intention to change the use of the property to a more sensitive use, Stantec understands that a Record of Site Condition (RSC) under O.Reg.153/04 is not required. The Phase One ESA was performed consistent with the requirements of O.Reg.153/04; however, not all requirements were strictly adhered to (i.e., an updated legal survey was not completed); thus, this report cannot be used for the filing of an RSC.

7.2 Record of Site Condition Based on Phase One Environmental Site Assessment Alone

An RSC cannot be filed based solely on the findings of this Phase One ESA; however, to file an RSC, the report would require revisions to strictly follow the reporting requirements of O.Reg.153/04.

7.3 Signatures

The site reconnaissance was completed by Pragna Mysore Umashankar, M.Eng., E.I.T., the report was written by Jasper Koo, M.Sc., and Josh Fisher-Robertson, B.Sc. and was reviewed by Robyn Miller, P.Geo., QP_{ESA}. The tasks completed for the Phase One ESA were also overseen by Robyn Miller, P.Geo., QP_{ESA}. Credentials of the project team members are provided in **Appendix C**.

Regards,

STANTEC CONSULTING LTD.



Digitally signed by Joshua Fisher-Robertson
Date: 2025.10.10 11:35:28 -04'00'



Digitally signed by Miller, Robyn
Date: 2025.10.10 11:13:51 -04'00'

Josh Fisher-Robertson B.Sc.
Environmental Site Assessor
Phone: 613 410 9014
Josh.FisherRobertson@stantec.com

Robyn Miller P.Geo, QP_{ESA}
Environmental Scientist, Quality Reviewer
Phone: 226 988 6848
Robyn.Miller@stantec.com

Subject to discussion presented herein, the objectives and requirements set out in O.Reg.153/04 for a Phase One Environmental Site Assessment were applied in carrying out the environmental site assessment and preparing this report.

8 Closure

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

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

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

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report and are based solely on the scope of work described in the report, the limited data available and the results of the work. They are not a certification of the property's environmental condition. This report should not be construed as legal advice.

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

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

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

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

9 References

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

Table 10 References

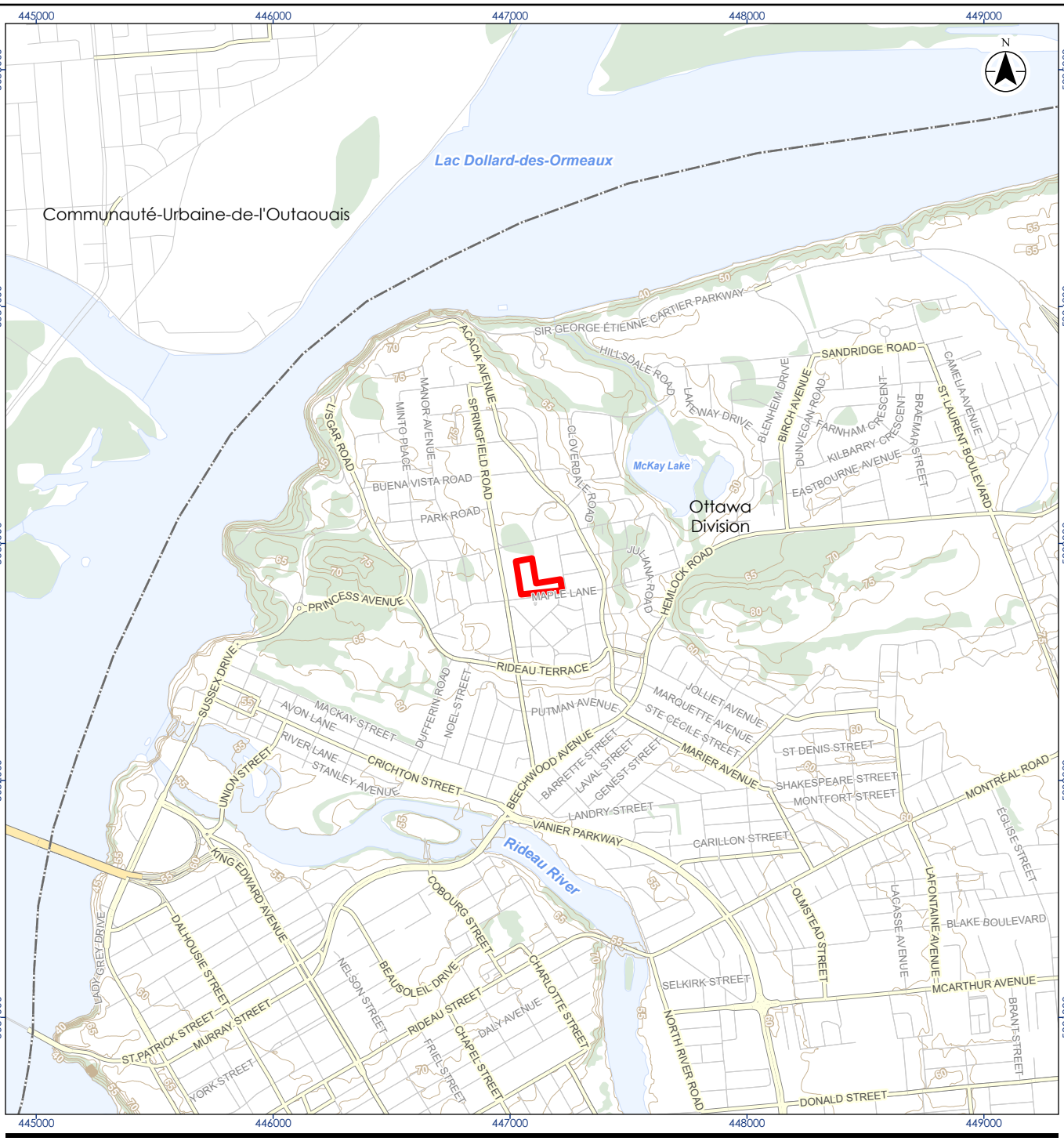
Reference Type/Source	Information/Documents Obtained
Aerial Photographs	• geoOttawa: 1928, 1965, 1976, 1991, 1999, 2002, 2005, 2008, 2014, 2017, 2019, 2022 • ERIS: 1932, 1945, 1950, 1980 • Google Earth: 2024
Opta Environmental Services	• Verisk Enviroscan Report, dated June 25, 2025 • 1922 FIP, Volume 1, Fire Map 2 • 1948 FIP, Fire Map 222 to 225 • 1958 FIP, Volume 2, Fire Maps 222 to 224-1 and 224-2 • Site Plan Report – 1978. Ashbury College – 62 Mariposa Road, Rockcliffe Park, ON., K1M 0T3. Dated January 30, 1978 • Survey for Rating Fire-Resistive Risks Report – Ashbury College, 362 Mariposa Road, Rockcliffe Park, ON., K1M 0T3. Prepared by Insurers Advisory Organization. Dated 1978 • Commercial Property Fire Inspection Survey Form Report – 1984. Ashbury College – 362 & Rear 362 Mariposa Avenue, Rockcliffe Park, ON., K1M 0T3. Prepared by Insurers Advisory Organization. Dated January 10, 1984 • Commercial Property Fire Rating Form Report – 1984. 362 & Rear 362 Mariposa Avenue, (Formerly 362 Mariposa Road) Rockcliffe Park, ON., K1M 0T3. Prepared by Insurers Advisory Organization. Dated January 10, 1984 • Siteplan Report – 1984. Ashbury College – 362 & Rear 362 Mariposa Avenue, Rockcliffe Park, ON., K1M 0T3. Prepared by Insurers Advisory Organization. Dated January 10, 1984 • Construction, Occupancy, Protection, Exposure (COPE) Report – 1995. Ashbury College, 362 Mariposa Ave, Rockcliffe Park, ON., K1M 0T3. Prepared by Insurers Advisory Organization. Dated 1995
Previous Reports	• None provided
Company Records	• None provided
Geotechnical Reports	• Geotechnical Investigation Report, Stantec Consulting Ltd., dated May 2024
Regulatory Infractions	• None provided
Reportable Spill Occurrences	• ERIS – Ontario Spills

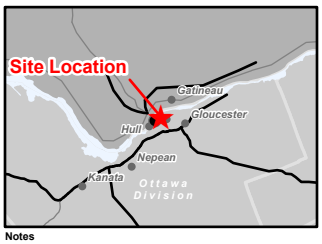
Reference Type/Source	Information/Documents Obtained
Contaminated Sites	• "Inventory of Coal Gasification Plant Waste Sites in Ontario" (Volumes I and II), dated April 1987 • "Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario" (Volumes I and II), dated November 1988 • ERIS – Record of Site Condition
Hazardous Waste Generators	• ERIS – Ontario Regulation 347 Waste Generators Summary
Landfills	• "Waste Disposal Site Inventory" (June 1991) • ERIS – Waste Disposal Sites • ERIS – Waste Disposal Sites – MOE 1991 Historical Inventory (up to October 1990) • geoOttawa: Former and Active Landfills
TSSA	• ERIS – Expired Facilities
Water Well Records	• ERIS – Water Well Information System
EcoLog ERIS	• An ERIS report was purchased and consisted of a search of available databases within a 250 m radius of the properties located at 362 Mariposa Avenue, Ottawa, Ontario
Topographic Maps	• Ministry of Natural Resources and Forestry, Map a Topographic Map, Queens Printer for Ontario
Geologic Maps	• Quaternary Geology of Ontario, Southern Sheet; Ontario Geological Survey, Map 2556, 1991 • Ontario Geological Survey 1991. Bedrock Geology of Ontario, Southern Sheet; Ontario Geological Survey, Map 2544, Scale 1:1,000,000 • Ontario Geological Survey 2010. Surficial Geology of Southern Ontario, OGS-MRD128
GeoWarehouse	• Property Details (May 27, 2025)
Other (website)	• Ashbury College – School History. Retrieved August 18, 2025 from https://ashbury.ca/about-us/#history

Appendices

Appendix A Figures

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Notes
1. Coordinate System: NAD 1983 UTM Zone 18N
2. Contains information licensed under the Open Government Licence - Ontario.
3. This figure is to be viewed in the context of the accompanying report and is subject to the limitations specified in that report.
4. m AMSL - metres above mean sea level.

Legend

- Approximate Phase One Property Boundary
- Expressway / Highway
- Major Road
- Minor Road
- Topographic Contour (m AMSL)
- Watercourse
- Waterbody

0 500 1,000 metres

1:25,000 (at original document size of 8.5x11)

Stantec

Project Location
Ottawa, Ontario

116501019
Prepared by gbury on 2025-07-29
Technical Review by CL on 2025-06-04

Client/Project
ASHBURY COLLEGE
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PORTION OF 362 MARIPOSA AVENUE, OTTAWA, ONTARIO

Figure No.
1

Title
Phase One Site Location Plan

Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



Stantec

Legend

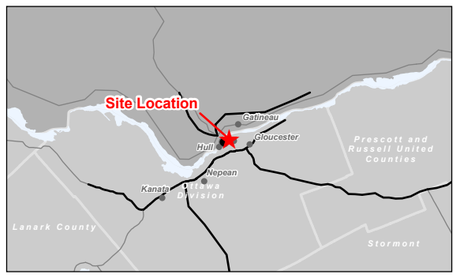
- Approximate Phase One Property Boundary
- Approximate Phase One Study Area - 250m

0 50 100 metres

1:2,750 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 18N
2. Contains information licensed under the Open Government Licence - Ontario.
3. Orthoimagery © Google Earth, 2025. Imagery Date, July 2024.
4. Site features are based on field observations and should be considered approximate.
5. This figure is to be viewed in the context of the accompanying report and is subject to the limitations specified in that report.
6. m - meters.
7. AST - Aboveground Storage Tank.



Project Location
Ottawa, Ontario

116501019
Prepared by gbury on 2025-07-29
Technical Review by CL on 2025-06-04

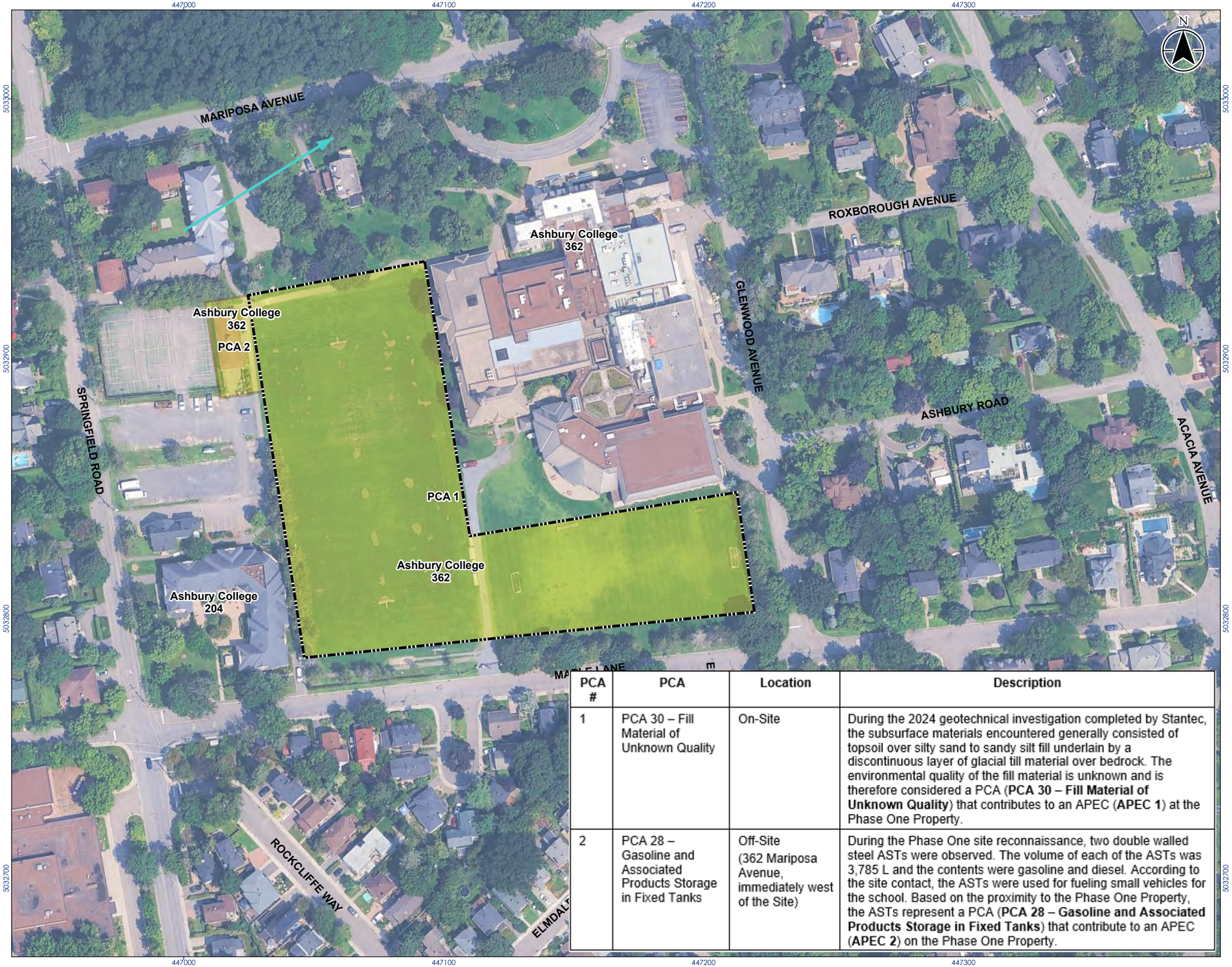
Client/Project
ASHBURY COLLEGE
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PORTION OF 362 MARIPOSA AVENUE, OTTAWA, ONTARIO

Figure No.
2

Title
Phase One Study Area

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\\Ca0004-pprfss01\01221\active_Other_PCs_Activ_1165_GIS\116501019\gis_ca\gis\maps\Remediation\gh1\ea116501019_ph1_mapseries.aprx Revised: 2025-07-29 By: gbury



PCA #	PCA	Location	Description
1	PCA 30 – Fill Material of Unknown Quality	On-Site	During the 2024 geotechnical investigation completed by Stantec, the subsurface materials encountered generally consisted of topsoil over silty sand to sandy silt fill underlain by a discontinuous layer of glacial till material over bedrock. The environmental quality of the fill material is unknown and is therefore considered a PCA (**PCA 30 – Fill Material of Unknown Quality**) that contributes to an APEC (**APEC 1**) at the Phase One Property.
2	PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks	Off-Site (362 Mariposa Avenue, immediately west of the Site)	During the Phase One site reconnaissance, two double walled steel ASTs were observed. The volume of each of the ASTs was 3,785 L and the contents were gasoline and diesel. According to the site contact, the ASTs were used for fueling small vehicles for the school. Based on the proximity to the Phase One Property, the ASTs represent a PCA (**PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks**) that contribute to an APEC (**APEC 2**) on the Phase One Property.

Stantec

Legend

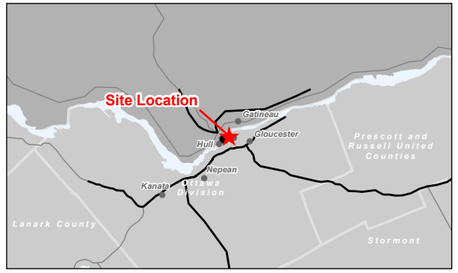
- Inferred Direction of Groundwater Flow
- Potentially Contaminating Activity (PCA)
- Approximate Phase One Property Boundary

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 18N
2. Contains information licensed under the Open Government Licence - Ontario.
3. Orthoimagery © Google Earth, 2025. Imagery Date, July 2024.
4. Site features are based on field observations and should be considered approximate.
5. This figure is to be viewed in the context of the accompanying report and is subject to the limitations specified in that report.
6. PCA - Potentially Contaminating Activity.



Project Location
Ottawa, Ontario

116501019
Prepared by gbury on 2025-08-18
Technical Review by CL on 2025-06-04

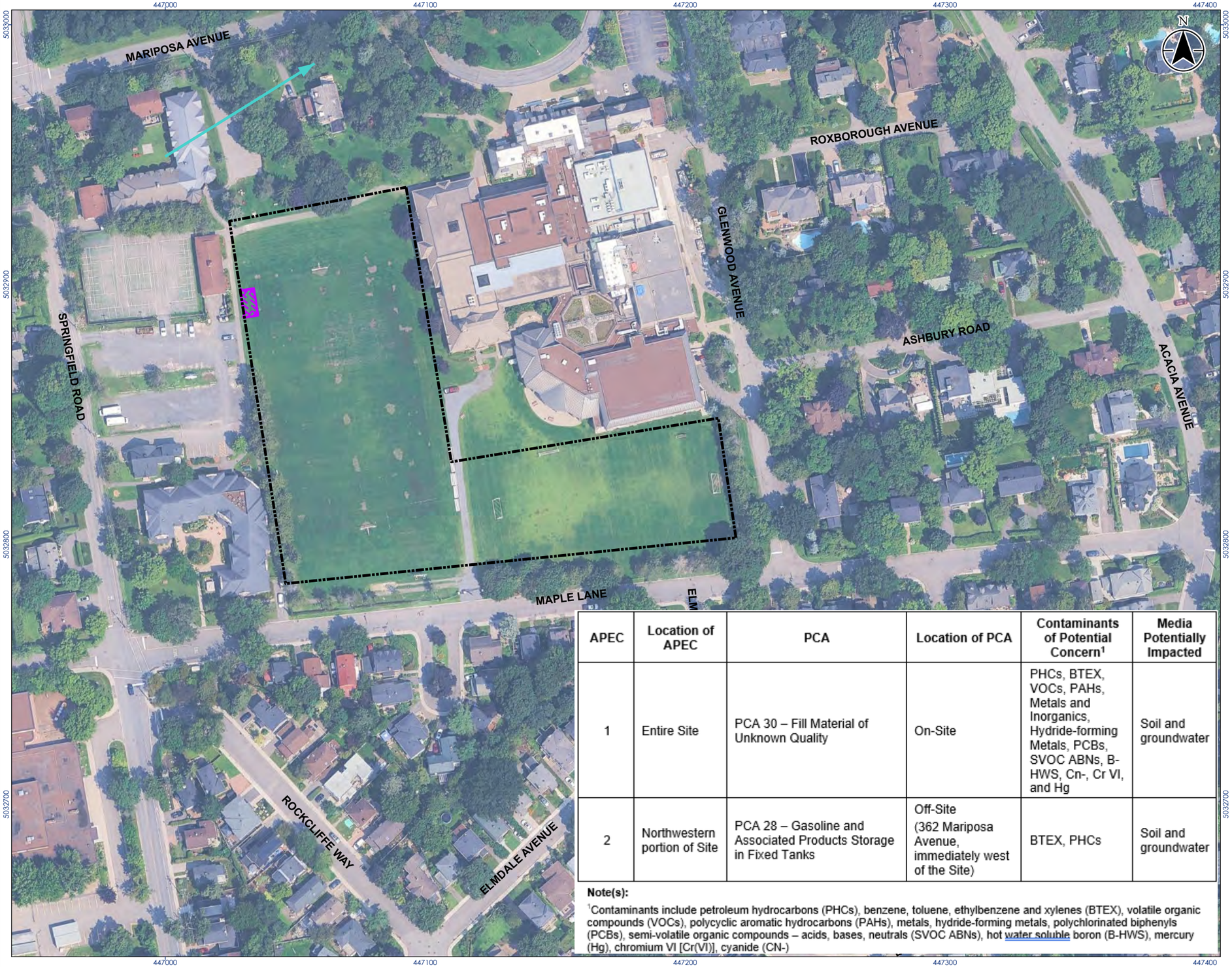
Client/Project
ASHBURY COLLEGE
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PORTION OF 362 MARIPOSA AVENUE, OTTAWA, ONTARIO

Figure No.
3

Title
Conceptual Site Model - PCAs

Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.

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APEC	Location of APEC	PCA	Location of PCA	Contaminants of Potential Concern[1]	Media Potentially Impacted
1	Entire Site	PCA 30 – Fill Material of Unknown Quality	On-Site	PHCs, BTEX, VOCs, PAHs, Metals and Inorganics, Hydride-forming Metals, PCBs, SVOC ABNs, B-HWS, Cn-, Cr VI, and Hg	Soil and groundwater
2	Northwestern portion of Site	PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks	Off-Site (362 Mariposa Avenue, immediately west of the Site)	BTEX, PHCs	Soil and groundwater

Note(s):

[1]Contaminants include petroleum hydrocarbons (PHCs), benzene, toluene, ethylbenzene and xylenes (BTEX), volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), metals, hydride-forming metals, polychlorinated biphenyls (PCBs), semi-volatile organic compounds – acids, bases, neutrals (SVOC ABNs), hot water soluble boron (B-HWS), mercury (Hg), chromium VI [Cr(VI)], cyanide (CN-)

Stantec

Legend

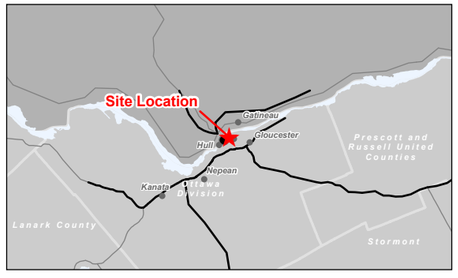
- Inferred Direction of Groundwater Flow
- APEC 2
- Approximate Phase One Property Boundary (APEC 1)

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 18N
2. Contains information licensed under the Open Government Licence - Ontario.
3. Orthoimagery © Google Earth, 2025. Imagery Date, July 2024.
4. Site features are based on field observations and should be considered approximate.
5. This figure is to be viewed in the context of the accompanying report and is subject to the limitations specified in that report.
6. APEC - Area of Potential Environmental Contamination.



Project Location
Ottawa, Ontario

116501019
Prepared by gbury on 2025-08-18
Technical Review by CL on 2025-06-04

Client/Project
ASHBURY COLLEGE
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PORTION OF 362 MARIPOSA AVENUE, OTTAWA, ONTARIO

Figure No.
4

Title
Conceptual Site Model - APECs

Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.

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Appendix B Photographs

Stantec

Photographic Log

Client:	**Ashbury College**	**Project:**	**116501019**
Site Name:	**Ashbury College Phase One ESA**	**Site Location:**	**362 Mariposa Avenue, Ottawa**

Photograph ID: 1 **Photo Location:** 362 Mariposa Avenue (On-Site) **Direction:** North **Survey Date:** 8/20/2025 **Comments:** View of the western portion of the Site, facing north	
Photograph ID: 2 **Photo Location:** 362 Mariposa Avenue (On-Site) **Direction:** East **Survey Date:** 8/20/2025 **Comments:** View of the western portion of the Site, facing east	

Client:	**Ashbury College**	**Project:**	**116501019**
Site Name:	**Ashbury College Phase One ESA**	**Site Location:**	**362 Mariposa Avenue, Ottawa**

Photograph ID: 3 **Photo Location:** 362 Mariposa Avenue (On-Site) **Direction:** South **Survey Date:** 8/20/2025 **Comments:** View of the western portion of the Site, facing south	
Photograph ID: 4 **Photo Location:** 362 Mariposa Avenue (On-Site) **Direction:** West **Survey Date:** 8/20/2025 **Comments:** View of the western portion of the Site, facing west	

Client:	**Ashbury College**	**Project:**	**116501019**
Site Name:	**Ashbury College Phase One ESA**	**Site Location:**	**362 Mariposa Avenue, Ottawa**

Photograph ID: 5 **Photo Location:** 362 Mariposa Avenue (On-Site) **Direction:** North **Survey Date:** 8/20/2025 **Comments:** View of the eastern portion of Site, facing north	
Photograph ID: 6 **Photo Location:** 362 Mariposa Avenue (On-Site) **Direction:** East **Survey Date:** 8/20/2025 **Comments:** View of the eastern portion, facing east	

Client:	**Ashbury College**	**Project:**	**116501019**
Site Name:	**Ashbury College Phase One ESA**	**Site Location:**	**362 Mariposa Avenue, Ottawa**

Photograph ID: 7 **Photo Location:** 362 Mariposa Avenue (On-Site) **Direction:** South **Survey Date:** 8/20/2025 **Comments:** View of the eastern portion of the Site, facing south	
Photograph ID: 8 **Photo Location:** 362 Mariposa Avenue (On-Site) **Direction:** West **Survey Date:** 8/20/2025 **Comments:** View of the eastern portion of the Site, facing west	

Client:	**Ashbury College**	**Project:**	**116501019**
Site Name:	**Ashbury College Phase One ESA**	**Site Location:**	**362 Mariposa Avenue, Ottawa**

Photograph ID: 9 **Photo Location:** 362 Mariposa Avenue (Off-Site) **Direction:** East **Survey Date:** 8/20/2025 **Comments:** View of one of the off-Site ASTs, present adjacent west of the Site	
Photograph ID: 10 **Photo Location:** 362 Mariposa Avenue (Off-Site) **Direction:** East **Survey Date:** 8/20/2025 **Comments:** View of the off-Site ASTs, present adjacent west of the Site	

Appendix C Assessor Qualifications

Jasper Koo

Environmental Site Assessor

17 years of experience · Markham, Ontario

Jasper completed a Bachelor of Applied Technology in Integrated Environmental Site Remediation from Seneca College. He later went on to complete a Master of Science in Environmental Planning at the Technische Universität Berlin in Berlin, Germany, where his research focused on analyzing biodiversity offsetting as an incentive for Brownfield restoration. Most recently, he completed an Environmental Management Certificate at Durham College.

EDUCATION

Certificate, Durham College / Environmental Management, Toronto, Ontario, Canada, 2021

Master of Science, Technische Universität Berlin / Environmental Planning, Berlin, Germany, 2019

Bachelor of Applied Technology, Seneca College, Toronto, Ontario, Canada, 2007

CERTIFICATIONS & TRAINING

Own Your Safety - Utility Infrastructure Awareness Certificate, Markham, Ontario, Canada, 2024

Certificate, Enbridge 2025 Contractor Safety & Environment Orientation, Markham, Ontario, Canada, 2025

Standard First Aid with CPR Level C and AED Certificate, Markham, Ontario, Canada, 2024

POST 2024 Level 2 – BBS – Orientation and Test Certificate, Markham, Ontario, Canada, 2024

Trans-Northern Pipeline Inc./ Field Safety Orientation with Life Saving Rules Certificate, Markham, Ontario, Canada, 2025

Enbridge / 2024 Enbridge Projects Ground Disturbance Training Certificate, Markham, Ontario, Canada, 2024

Workplace Hazardous Materials Information System (WHMIS) Certificate, Markham, Ontario, Canada, 2024

Infrastructure Health & Safety Association / Traffic Control – Temporary Work Zones (2020) Certificate, Etobicoke, Ontario, Canada, 2024

Enbridge / 2024 Enbridge General Safety Orientation Certificate, Markham, Ontario, Canada, 2024

Metrolinx Lakeshore East Joint Corridor – Early Works Certificate, Metrolinx / DCC Project Specific HSEQ Orientation, Markham, Ontario, 2024

Supervisor Health and Safety Awareness in 5 Steps Certificate, Ministry of Labour, Training and Skills Development, Markham, Ontario, 2024

GSafety Orientation, East Harbour Transit Hub Alliance, Toronto, Ontario, 2024

MEMBERSHIPS

Environmental Professional in Training (EPt), Environmental Careers Organization of Canada (ECO Canada)

PROJECT EXPERIENCE

ENVIRONMENTAL SITE ASSESSMENTS PHASE I, II

Phase II Environmental Site Assessment – Ministry of Transportation | Toronto, Ontario, Canada | 2025 | Environmental Site Assessor

Coordinated Phase II Environmental Site Assessment for the Ministry of Transportation. Contributions included coordinating with stakeholders for fieldwork (drilling, locates, soil and groundwater sampling), as well as historical background investigations, interviews, and reporting.

Phase One Environmental Site Assessment – Ottawa Catholic School Board | Ottawa, Ontario, Canada | 2025 | Environmental Site Assessor

Conducted Phase One Environmental Site Assessment for the Ottawa Catholic School board. The Phase One was conducted for due diligence purposes. Contributions included historical background investigations, interviews, and reporting.

Phase I and II Environmental Site Assessment – Portfolio of Retail Stores | Various Locations, Ontario, Canada | 2025 | Environmental Site Assessor

Conducted Phase I and II Environmental Site Assessments for multiple commercial sites. Contributions included background investigations, interviews, and reporting.

Phase I Environmental Site Assessment | Various Locations, Ontario, Canada | 2025 | Environmental Site Assessor

Conducted Phase I Environmental Site Assessments for various private companies. Contributions included background investigations, interviews, and reporting.

Phase II Environmental Site Assessment – Mattamy Homes | Scarborough, Ontario, Canada | 2025 | Environmental Site Assessor

Conducted Phase II Environmental Site Assessment for the Mattamy Homes. Contributions included carrying out locates, drilling, and groundwater monitoring and sampling programs.

Phase I Environmental Site Assessment – Ferma Energy | Various Locations, Ontario, Canada | 2025 | Environmental Site Assesso

Conducted Phase I Environmental Site Assessments for a portfolio of properties for Ferma Energy. Contributions included background investigations, interviews, and reporting.

Phase I Environmental Site Assessment – Proposed Telecommunication Towers | Bell Mobility Inc. | Various Locations, Ontario | 2024 | Environmental Site Assessor

Conducted Phase I Environmental Site Assessments for a portfolio of properties for Bell Mobility Inc for telecommunication tower compounds for internal due diligence purposes. Contributions included background investigations, interviews, and reporting.

Phase I Environmental Site Assessment | Cannington, Ontario | 2024 | Environmental Site Assessor

Completed site reconnaissance for a Phase I ESA for road conveyance purposes on a private property.

EXCESS SOIL

Assessment of Past Uses – City of Ottawa | Ottawa, Ontario, Canada | 2025 | Environmental Site Assessor

Conducted an Assessment of Past Uses for the City of Ottawa to support excess soil services. Contributions included historical background investigations, interviews, and reporting.

Soil Classification (SCR) and Excess Soil Destination Assessment Report (ESDAR) | The Regional Municipality of York | Newmarket, Ontario | 2024 | Environmental Site Assessor

Stantec provided support for the widening and reconstruction of Yonge Street from Davis Drive to Green Lane. Jasper provided assistance with the SCR and ESDAR reporting.

GROUNDWATER

Surface Water Monitoring Program and Reporting – Ministry of Transportation | Barrie, Ontario, Canada | 2024 | Environmental Site Assessor

Conducted bi-weekly surface water monitoring program for the Ministry of Transportation. Contributions include field work and bi-weekly reporting.

Groundwater Monitoring Program and Reporting – Shell Canada Products | Various locations, Ontario, Canada | 2025 | Environmental Site Assessor

Coordinated and conducted quarterly groundwater monitoring program for Shell Canada Products. Contributions included coordinating with relevant stakeholders for fieldwork and reporting, as well as field work.

Multiple Groundwater Monitoring Programs | Various Locations, Ontario | 2024 | Environmental Site Assessor

Completed surface water and groundwater monitoring and sample collection (purge or no purge, bailer or low flow methods) at multiple upstream and downstream sites. Involved assessing water levels, hydrocarbon/volatile vapours, measuring light non-aqueous phase liquids (LNAPL) and dense non-aqueous phase liquids (DNAPL). Clients include Metrolinx, Ministry of Transportation, Suncor, Enbridge, Shell, Trans-Northern Pipelines Inc., and Husky.

SOIL SAMPLING

Phase II Environmental Site Assessments | Various Locations, Ontario | 2024 | Environmental Site Assessor

Environmental drilling programs involving drilling and installing groundwater monitoring wells at sites with historical impacts. Responsible for drilling supervision, logging and sampling soils, and well development. Clients include Metrolinx, Enbridge, and Extendicare.

Soil Sampling Program | Trans-Northern Pipelines Inc. | Stouffville, Ontario | Environmental Site Assessor

Completed topsoil sampling program. Roles included supervising contractors, coordinating with landowners and tenants, and fieldwork.

Soil Sampling Program | M&R Holdings | Scarborough, Ontario | 2024 | Environmental Site Assessor

Completed sampling soil bags containing unknown quality and source. Roles included coordinating with property owners and fieldwork.

DECOMMISSIONING

Well Decommissioning Program | Various Locations, Ontario | 2024 | Environmental Site Assessor

Completed decommissioning wells. Roles included supervising contractors and fieldwork.

Josh Fisher-Robertson

Environmental Site Assessor · 5 Years of Experience · Hamilton, Ontario

Josh Fisher-Robertson, an Environmental Site Assessor, has been a member of Stantec's Environmental Services Group since 2021. Since joining Stantec, Josh has developed his skills through the completion of Environmental Site Assessments (ESAs - Phase One, Phase Two, Phase I and II), including soil sampling and remediation, air quality monitoring, and groundwater sampling and monitoring programs. Josh is experienced in serving as a lead supervisor overseeing subcontractors and working alongside other Stantec team members on borehole drilling and small test-pitting programs.

Josh is a primary contributor on Stantec's development of the Don River Valley/Port Lands Flood Protection program in Toronto, ON through the tracking and reporting of soil movements throughout the Site. Josh is also a key contributor on Stantec's Suncor Team, assisting via proposal writing, report writing, and additional project coordination tasks as part of Stantec's continuous efforts on long-term contaminant management plans.

Josh has been able to refine his technical communication skills by contributing to a variety of reporting deliverables since joining Stantec, including Assessment of Past Uses, Excess Soil Destination Assessment Reports, and Phased ESAs.

Prior to Stantec, Josh attended Niagara College's Post-Graduate Environmental Management and Assessment program. While a student, Josh conducted field activities related to contaminated sites including soil sampling and groundwater monitoring and sampling events. Josh also gained experience completing Phase I and Phase II environmental site assessments. EcoCanada considers Niagara College's Post-Graduate Environmental Management and Assessment program to be equivalent to one year of work experience.

EDUCATION

Post-Graduate Certificate (PGEMA), Niagara College, Environmental Management and Assessment, Niagara-on-the-Lake, Ontario, 2021

Honours, B.Sc., University of Guelph, Biological Sciences, Guelph, Ontario, 2019

CERTIFICATIONS & TRAINING

Certificate, TNPI Field Safety Orientation with Life Saving Rules, Ottawa, Ontario, 2025

Certificate, POST 2025 LEVEL 2 - BBS - Orientation and Test, Hamilton, Ontario, 2025

Own Your Safety Inc. - Utility Infrastructure Awareness Certificate, Ottawa, Ontario, 2021

Standard First Aid and CPR/AED Level C (BL), Canadian Red Cross, Stoney Creek, Ontario, 2024

Environmental Professional in Training, ECO Canada, Ottawa, Ontario, 2021

Infrastructure Health & Safety Association - Recognition of Safety Training, Ottawa, Ontario, 2022

Projects Ground Disturbance Training, Enbridge, Ottawa, Ontario, 2023

2024 Contractor Environment Orientation, Enbridge, Ottawa, Ontario, 2024

Certificate, Enbridge 2025 Contractor Safety & Environment Orientation, Hamilton, Ontario, 2025

Josh Fisher-Robertson

Environmental Site Assessor · 5 Years of Experience · Hamilton, Ontario

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Reconciliation Education Certificate of Completion, First Nations University of Canada, Stoney Creek, Ontario, 2024

Certificate, DCC Project Specific HSEQ Orientation - Metrolinx Lakeshore East Joint Corridor - Early Works, Hamilton, Ontario, 2024

PROJECT EXPERIENCE

Environmental Site Assessments

Phase One/Two Site Assessments to Support Record of Site Conditions, Ontario, Canada (Environmental Site Assessor, 2023-Present)

Phase I/II ESAs, Ontario, Canada (Environmental Site Assessor, 2022-Present)
Client: Various

Assessment of Past Uses and Excess Soil Destination Assessment Reports, Ontario, Canada (Environmental Site Assessor, 2022-Present)

Port Lands Flood Protection Soil Movement Reports, Toronto, ON, Canada (Environmental Site Assessor, 2023-2025)

Soil Sampling

Environmental Drilling and Soil Sample Collection, Ontario (Environmental Site Assessor, 2021-Present)
Client: Various

Prince Edward Point Sub-Surface Investigation, Prince Edward Point, ON (Environmental Site Assessor, 2022-Present)
Client: Government of Canada

Trans-Northern Pipelines Inc. Integrity Digs, Various locations, ON (Environmental Site Assessor, 2022-Present)
Client: Trans-Northern Pipelines Inc.

Groundwater Monitoring and Reporting

Groundwater Sampling, Monitoring, and Reporting, Ontario, Canada (Environmental Site Assessor, 2021-Present)
Client: Various

Potable Water and Legionella Sampling

Potable Water and Legionella Sampling (Environmental Site Assessor, 2021-Present)

Pragna Mysore Umashankar B.Eng., M.Eng.

Stantec

Environmental Engineer-in-Training

Ottawa, Ontario

Pragna Mysore Umashankar started her career in 2021 as an Environmental EIT. She has a master's degree in environmental engineering from Carleton University. Pragna is engaged in contaminant hydrogeology and remediation, geo-environmental engineering, environmental impact assessment, and waste management. Pragna has gained experience in the environmental industry, with advocacy bodies, and consulting firms. She has skills using ArcGIS, MATLAB, AERMOD, and MODFLOW.
Pragna is engaged in providing environmental services in contaminant hydrogeology and remediation, geo-environmental engineering, environmental site assessments (O.Reg. 153/04), designated substances survey (O.Reg. 490/09. O.Reg. 278/05) and excess soil management (O.Reg. 406/19). She is competent in undertaking field programs including soil sampling, groundwater sampling, testing and well monitoring, drilling supervision, and designated substance (asbestos, lead, etc.) surveys. Pragna also supports her team with data analysis and management, report writing, and preparing tender documents.

EDUCATION

M.Eng., Environmental Engineering, Carleton University, Ottawa, ON, Canada, 2021

B.Eng., Environmental Engineering, Visvesvaraya Technological University, Mysuru, India, 2019

CERTIFICATIONS & TRAINING

40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) Training, Waterloo, ON, Canada, 2022

Standard First Aid, CPR and Automated External Defibrillator (AED) Certificate, Ottawa, ON, Canada, 2022

Construction and Asbestos Awareness Training, Ottawa, ON, Canada, 2021

Geo-Spatial Database Management Certificate , Spatial Hawk Geoinformatics, Mysuru, India, 2019

REGISTRATIONS

Engineer-In-Training #100574781, Professional Engineers Ontario

MEMBERSHIPS

Student Member, Ontario Society of Professional Engineers

Alumni, Advancing New Canadian Women in Technology

PROJECT EXPERIENCE

GEO-ENVIRONMENTAL ENGINEERING

Excess Soils Assessments & Due Diligence Investigations, Mitch Owens, Township Front & Etienne Road Bridge Culverts | City of Ottawa | Ottawa, Ontario, Canada | 2023-2024 | Environmental EIT

The project involved detail design and tendering of renewal of 3 bridge culverts. Pragna was the Environmental Field Technician. Her duties included carrying out field work, technical analysis of results and report writing deliverables included a Scoped Assessment of Past Uses, Due Diligence Soil Investigations Report, Soil Management Plans, and preparation of tender documents.

Phase I & II ESAs, Carp Road | SMS Equipment Inc. | Ottawa, Ontario, Canada | 2023 | Environmental EIT

The project involved performing Phase I and Phase II Environmental Site Assessment (ESA) investigations following the principles of the Canadian Standards Association Z768 and in accordance with generally accepted professional practices at the said site. Pragna worked with the project manager and undertook the field program – site reconnaissance and interviews for Phase I ESA and drilling supervision, logging, soil sampling, groundwater sampling, and elevation survey during the Phase II ESA.

Ingenium Centre | Canadian Science and Technology Museum | Ottawa, Ontario, Canada | 2023 | Environmental EIT

The museum is a state-of-the-art 36,000 m² archive storage, research, office, and conservation facility in Ottawa. The scope of work included new access roads, permanent and temporary parking lots, a pedestrian plaza, landscaped areas, and new rail tracks for movement of the locomotive collection around the 3ha site, all adjacent to and integrated with the existing museum and proposed Science and Technology Park. Our team prepared the design and contract documents for relocation of 400m of 1500mm-diameter municipal storm sewer on a fast-track basis, with construction starting just 3 months after the start of design. The design of the public realm spaces achieved Rick Hansen Foundation Accessibility Certification (Gold) with the integration of rail tracks. Pragna was involved in the excess soils assessments which included drilling supervision, logging, soil sampling, and conducting interviews. She also prepared the Assessment of Past Uses and a Soil Management Plan to maximize the utilization of soil on-site so that excess soil generation is minimized.

Excess Soils Assessments & Due Diligence Investigations, Renewal of 13 Small Culverts | City of Ottawa | Ottawa, Ontario, Canada | 2023 | Environmental EIT

The project involved detail design and tendering of 13 small-diameter culvert renewals, including in-kind replacement and liner rehabilitation. Pragna was the environmental field technician. Her duties included carrying out fieldwork, technical analysis of results, and report writing. Deliverables included a Scoped Assessment of Past Uses, Due Diligence Soil Investigations Report, Soil Management Plans, and preparation of tender documents.

Excess Soil Assessments & Soil Management Plan, Renewal of Two Bridges | City of Ottawa | Ottawa, Ontario, Canada | 2023 | Environmental EIT

The project involved supporting the project contractor with excess soil investigation and preparation of a Soil Management Plan. Pragna conducted the fieldwork and prepared the required deliverables under the supervision of a Senior QP.

Old Crow Health Centre Semi-Annual Monitoring | Yukon Government, Site Assessment and Remediation Unit (SARU) | Old Crow, Yukon, Canada | 2022-2024 | Environmental EIT

The project involves semi-annual monitoring of a brownfield site, Old Crow Health Centre, in the northernmost community of Yukon. The Old Crow Health Centre site is contaminated with petroleum hydrocarbons (PHC) due to accumulated historical fuel spills and leaks. It is understood that the semi-annual routine monitoring is required to verify that the PHC contamination at the health centre, as previously delineated, remains stable and to promptly identify changes in the lateral extent of the contaminant plume that may indicate further offsite migration in the permafrost region. Pragna was involved in the project starting in 2021, during which she supported the PM in the preparation and submission of the Plan of Restoration for the said site. In 2022, she assisted the field lead with fall monitoring at the site which included soil vapour sampling, groundwater, indoor and ambient air sampling, and temperature monitoring for that year, and prepared the deliverables. She has undertaken the report preparation and submission responsibilities semi-annually since then. In 2023, Pragna was involved in the overall project management including proposal preparation, costing, scheduling, supervising junior field staff, and coordinating/communicating with the client.

Sussex Block National Capital Commission (NCC) Water Quality Monitoring | Inside Edge Properties | Ottawa, Ontario, Canada | 2022-2023 | Environmental EIT

Engineering services related to elevated lead content in domestic water at multiple NCC buildings. This constituted about 40 addresses spread across downtown Ottawa and Gatineau. Pragna was involved in background review, scheduling fieldwork, carrying out clearance sampling post-implementation of mitigation measures, and preparing the report.

Excess Soils Assessments, Huntclub Storm Water Management Facility Retrofit | City of Ottawa | Ottawa, Ontario, Canada | 2022-2023 | Environmental EIT

The project involved designing, tender, and constructing a retrofit to resolve problems with the operation of the SWMF, including obtaining all required approvals and satisfying stakeholder requirements. Pragna was involved in the field program and undertook drilling supervision.

PRELIMINARY AND DETAILED DESIGN

Highway Engineering Services on Retainer, Mega 16 (4019-E-0019/20) & Mega 17 (4019-E-0021/22), Mega 18 (4019-E-0023/24), MTO Eastern Region | Ottawa, Ontario, Canada | 2020-2023 | Geo-Environmental Technician

Assignment 2 – Preliminary Design & Class EA for the Highway 416/Barnsdale Road Interchange, GWP 4057-20-00 | 2022-2023 This Group B preliminary design and Class EA project involves the conceptual design of a new interchange around the intersection of Highway 416 and Barnsdale Road. The proposed new interchange would accommodate traffic movements in all directions by providing entry and exit from both the northbound and southbound lanes of Highway 416. Pragna was the geo-environmental technician for the project. She was responsible for conducting the windshield survey and preparing the Hydrogeological Study and Contamination Overview Study reports. Contact: Nathan Ellis, nathan.ellis@ontario.ca

Highway Engineering Services on Retainer, Mega 16 (4019-E-0019/20) & Mega 17 (4019-E-0021/22), Mega 18 (4019-E-0023/24), MTO Eastern Region | 2020-2023 | Environmental EIT

Assignment 4 – Preliminary Design & Class EA for Highway 401 Power Dam Bridge & Interchange Study, GWP 4092-23-00 | South Stormont, Ontario | 2022-2023 This Group B project involved the preliminary design and Class EA study for the replacement of Bridge Site 13X-180/B0 and the development of a long-term plan for the interchange. Pragna was the geo-environmental technician for the project. She was responsible for conducting the windshield survey and preparing the Hydrogeological Study and Contamination Overview Study reports. Contact: Steve Baczyk, steve.baczyk@ontario.ca

Highway Engineering Services on Retainer, Mega 16 (4019-E-0019/20) & Mega 17 (4019-E-0021/22), Mega 18 (4019-E-0023/24), MTO Eastern Region | 2020-2023 | Environmental EIT

Assignment 5 – Detail Design for Roundabout at the Intersection of Highway 138 & Headline Road (County 44), Township of South Stormont, GWP 4004-21-00, WP 4043-21-01 | South Stormont, Ontario | 2022-2023 This Group B project involved the design and Class EA study of a new roundabout at the intersection of Highway 138 and Headline Road, local road re-alignment, and drainage improvements. Pragna was the geo-environmental technician for the project. She was responsible for conducting the windshield survey and preparing the Hydrogeological Study and Contamination Overview Study reports. Contact: Nathan Ellis, nathan.ellis@ontario.ca

Detail Design for the Replacement of Rapid Bridges, Richmond Road Underpass NBL & SBL & Pinecrest Road Underpass (GWP 4124-14-00) & Woodroffe Avenue Underpass & Maitland Avenue Underpass (GWP 4069-19-00) on Highway 417, 4021-E-0023 | MTO Eastern Region | Ottawa, Ontario, Canada | 2023 | Environmental EIT

Detail design project for the replacement of five structures over Highway 417 at Richmond Road, Pinecrest Road., Woodroffe Avenue, and Maitland Avenue, via accelerated methods, Rapid Bridge Replacement (RBR), and related works for Highway 417. Contamination/waste scope included DSS at all locations to determine designated substances, field work to obtain soil samples that were analyzed for excess soils management, review of site conditions, and proposed construction to determine water management and water-taking requirements for EASR. As Environmental EIT, Pragna supported the project team by preparing the excess soil management reports. Contact: Nathan Ellis, nathan.ellis@ontario.ca

ENVIRONMENTAL ASSESSMENT

Environmental Support for the Replacement of the Skye Road Culvert EBL, MTO Contract 2022-4091 | Bellai Alliance | Dunvegan, Ontario, Canada | 2023 | Environmental EIT

This project involves providing environmental support as an independent assessor to the Skye Road Culvert (East Bound Lane) replacement. As a geo-environmental EIT, Pragna was involved in the assessment of the volume of ground/stormwater that is expected to be removed from within the work area and the preparation of a water-taking and discharge plan. The water-taking flow rate assessment results and plan documents supported registration under the Ministry of Environment, Conservation and Parks (MECP) Environmental Activity and Sector Registry (EASR) regulation (Ontario Regulation 63/16 – Part III Water Taking for Construction Dewatering).

HYDROGEOLOGIC STUDIES

Annual ECA & Permit to Take Water (PTTW) Compliance Reporting | GIP Properties Corp. Quarries | Eastern Ontario | 2021-2024 | Environmental EIT

This project involved the preparation of Environmental Compliance Approval Monitoring Reports for 10 quarries (industrial sewage works) and the Permit to Take Water Compliance Reports for 3 of the client-owned and operated quarries. Pragna was involved in the background review, and data analysis including water quality parameters and comparing it to PWQO, addressing and investigating issues, and preparing all the deliverables and was the point of contact between the client and the MECP.

Carp Municipal Well GUDI Investigation & Sanitary Pump Station Overflow Risk Assessment | City of Ottawa | Ottawa, Ontario, Canada | 2023-2024 | Environmental EIT

The project involved conducting a GUDI (Groundwater Under Direct Influence of surface water) investigation on the Carp municipal wells and sanitary pump station overflow risk assessment. Pragna is the environmental field tech and undertakes well monitoring, surveys, and drilling supervision and supports the senior staff in planning field programs.

Scoped Hydrogeology Assessment | Van Noy Nicholas | Hammond | Ottawa, Ontario, Canada | 2023 | Environmental EIT

Preparation of a Scoped Hydrogeology Assessment to support a Severance Application at a residential property in St-Félix Road, Hammond. Pragna undertook the water sampling for bacterial investigation, measured the well recovery rate, and tabulated field and analytical results.

Scoped Hydrogeology Assessment | Susan Klassen, Zander Plan | Ontario, Canada | 2023 | Environmental EIT

Preparation of a Scoped Hydrogeology Assessment to support a severance application at 601 Weedmark Road, Geographic Township of Montague. Pragna collected water samples for analysis of the subdivision suite of parameters and excavated test pits to determine soil thickness and grain size.

Hunt Club Stormwater Management Facility Retrofit Project | City of Ottawa | Ottawa, Ontario, Canada | 2022-2023 | Environmental EIT

The project involved designing, tender, and constructing a retrofit to resolve problems with the operation of the SWMF, including obtaining all required approvals and satisfying stakeholder requirements. Pragna was involved in preparing the PTTW application.

Westport Well Rehabilitation Support | Village of Westport | Westport, Ontario, Canada | 2022 | Environmental EIT

Support services for rehabilitation of a well with bacteriological contamination concerns. Pragna was responsible for overseeing the well rehabilitation work carried out by the well works contractor to ensure “Water Supply Wells Requirements and Best Practices” were followed.

Scoped Hydrogeology Assessment, Old Almonte Road | City of Ottawa | Ottawa, Ontario, Canada | 2022 | Environmental EIT

Preparation of Scoped Hydrogeology Assessment to support a severance application at 3151 Old Almonte Road, Township of Huntley. Pragna completed grout inspection, excavated test pits, conducted extended pumping test, and collected water samples for analysis of the subdivision suite of parameters. She has had the same responsibilities in several other Scoped Hydrogeology Assessment projects.

Caldwell Pipe Testing | Ottawa City Housing | Ottawa, Ontario, Canada | 2021 | Environmental EIT

Drainage evaluation through the survey and investigation of the existing sanitary and storm systems of the two buildings and the review of all provided drawings and reports, such as the Designated Substance Report. Pragna undertook the supervision of borehole drilling, elevation survey, and well logging and is assisting in reporting.

DESIGNATED SUBSTANCE SURVEYS

Pre-Construction Designated Substance Surveys, Aberdeen Pavilion | City of Ottawa | Ottawa, Ontario, Canada | 2024 | Environmental EIT

Designated substance surveys of the >100-year-old historic Aberdeen Pavilion prior to extensive retrofits and upgrades. Extensive lead paint sampling for full abatement of lead-containing materials. Pragna was involved in the surveying fieldwork.

Designated Substances Survey (DSS), Swedish Official Residence | GoldPro Holdings Inc. | Ottawa, Ontario, Canada | 2024 | Environmental EIT

DSS in the official residence of the Swedish ambassador to Canada. Pragna was involved in the field inspection, sampling, and preparation of the report.

Prestige Home Improvements, Expert Environmental Services | Intact Insurance | Ottawa, Ontario, Canada | 2023 | Environmental EIT

Providing an expert opinion on the standard of care applied to a mould remediation project carried out in 2014. Pragna was involved in the thorough background review of the project and preparation of the deliverables.

Natural Heritage Services, Standing Offer | Infrastructure Ontario | Various Location Across Ontario | Kingston, Ontario, Canada | 2023 | Environmental EIT

Assignment 11 – Kingston General Hospital Exclusions Project Specific Designated Substance Review in the Kingston General Hospital. Pragna was involved in background documents review, site inspection, and overseeing Type 2 abatement of asbestos insulation.

Project Specific Designated Substance Survey, Diefenbunker, Canada’s Cold War Museum | Ottawa, Ontario, Canada | 2022 | Environmental EIT

DSS of required areas in the Diefenbunker Museum to be affected by planned mechanical work on intake and exhaust shafts. Pragna undertook the sampling program and report writing.

Designated Substance Survey, Beacon Hill Gardens | Carleton Condominium Corporation No. 10 | Ottawa, Ontario, Canada | 2022 | Environmental EIT

Completion of a DSS of the site to provide a baseline survey of designated substances present. Pragna was involved in conducting a visual inspection of designated substances, sampling asbestos, and lead, and in preparation of the DSS report.

Asbestos Reassessment Survey | Jewish Community Campus of Ottawa | Ottawa, Ontario, Canada | 2022 | Environmental EIT

Pragna was involved in the review of background information, site inspection, non-intrusive bulk sampling of suspected materials, and reporting.

ASBESTOS MANAGEMENT

2021-007 Asbestos Management Plan for the National Capital Commission (NCC) Properties | Inside Edge Properties | Ottawa, Ontario, Canada | 2022 | Environmental EIT

Asbestos Management Services for Inside Edge Properties. Pragna was involved in asbestos sampling and report writing.

AIR QUALITY

160 Elgin Indoor Air Quality Testing (IAQ) | H&R REIT | Ottawa, Ontario, Canada | 2021 | Environmental EIT

Conducting IAQ testing in the building for LEED V4.1 Recertification under the Operations and Maintenance (O+M) rating system for existing buildings. Pragna assisted the Senior Consultant with background research, result conversions-tabulation, and report writing.

Robyn Miller B.Sc., P.Geo

Environmental Scientist, Team Leader

London, Ontario

Robyn is a professional geoscientist, project manager and Team Leader based out of the London, Ontario office. Robyn has more than 10 years' experience in environmental consulting and has worked on environmental projects across Canada. Robyn is experienced in managing complex, remote, and multidisciplinary construction, site assessment and remediation programs. She also has extensive experience managing multiple site transactional due diligence projects delivered under tight timelines. As a project manager Robyn is an effective communicator with clients and project stakeholders.

Robyn's project experience includes work for both federal and provincial government clients, including projects involving Indigenous engagement. She is familiar with both federal and provincial site assessment regulatory frameworks, including Ontario Regulation 406/19 (Excess Soils) and the FCSAP process.

Robyn is a licensed Professional Geoscientist (P.Geo.) in the Province of Ontario, a Qualified Person (QPESA) under Ontario Regulation 153/04 of the Environmental Protection Act, and a qualified technical reviewer at Stantec. She also holds secret security level clearance with the federal government.

EDUCATION

Honors Bachelor of Science, University of Guelph, Earth Surface Science, Guelph, Ontario, Canada, 2009

CERTIFICATIONS & TRAINING

Oilfield Reclamation, Olds College, Olds, Alberta, Canada, 2015

Certificate of Achievement, POST 2024 LEVEL 2 BBS - Orientation and Test, Waterloo, Ontario, Canada, 2024

REGISTRATIONS

Professional Geoscientist #3282, Professional Geoscientists Ontario

PROJECT EXPERIENCE

WASTE MANAGEMENT

Waste Management | TC Energy | Various Locations, Ontario | 2018-2023 | Project Manager/Coordinator, Report Author

Coordinated field programs during construction and development activities to manage impacted water, soil and hazardous substances while adhering to site safety protocol. Worked directly with the contractor and client to find effective solutions while managing environmental concerns. Role included project planning, coordination, logistics and field work. Contaminants of concern include petroleum hydrocarbons, polychlorinated biphenyls and metals.

ENVIRONMENTAL SITE REMEDIATION

Remedial Excavations, Various Locations | CNRL | Calgary, Alberta | 2014-2017 | Environmental Scientist

Environmental consultant and field technician for remedial excavations of soil impacts. The purpose of these projects was to remediate historical spills/releases and provide recommendations for further assessment. Contaminants of concern included metals and petroleum hydrocarbons.

5-33-32-23* | Signalta Resources Limited | Three Hills, Alberta | 2014-2015 | Environmental Consultant, Project Coordinator

Project coordinator and environmental consultant for all field work for a petroleum hydrocarbon impacted site from an historical oil well site. Project scope included well head cut and cap, and underground storage tank (UST) removal, conducting Phase II and III ESAs to delineate and remediate impacted soil. Following remediation, placement of approximately 7,000 m3 of soil was required and the well site was reclaimed, revegetated and monitored prior to reclamation certification application.

** denotes projects completed with other firms*

Oil & Gas Upstream, Conventional | Turner Valley, Alberta | 2017-Present

Phase II - Complete intrusive soil investigations to assess potential areas of concern identified during the Phase I ESA investigation. This includes creating a drilling plan, contractor and site personnel coordination, collecting soil samples, characterizing soils and topography, installing groundwater monitoring wells, and collecting groundwater samples. Phase III - Complete remedial excavations on Site to remove identified impacts on Site and reclaim the Site to pre-disturbance or landowner-specified condition. The includes maintaining a high standard of safety onsite during earthwork activities, coordinating earthworks and site personnel by providing direction and daily scope of work plans, excavation plans, excavation sampling, soil stock pile management and treatment, coordinating backfill activities, site recontouring direction and a high level of documentation during field activities.

Clearance and Remediation of Former Camp Ipperwash | Department of National Defence | 2019-2023 | Project Coordinator, Report Author

Multi-disciplinary project coordinator, support included peer reviews, completion of infrastructure inventory documentation, Indigenous engagement, and close-out reports in alignment with final settlement agreement associated with site assessment and remediation of the potential environmental concerns at the Site.

Remedial Excavations, Construction Waste Management | TC Energy | Various Locations, Ontario | 2018-2019

Field coordination and environmental support related to water, soil and hazardous substances management while adhering to site safety protocol at natural gas transmission stations across northern Ontario. Working directly with the contractor and client to find effective solutions while respecting environmental concerns. Contaminants of concern include petroleum hydrocarbons, polychlorinated biphenyls and metals.

ENVIRONMENTAL SITE ASSESSMENTS

Oil and Gas Upstream, Cut and Cap and Tank Removal Program* | Signalta Resources Limited | Various Locations, Alberta | 2014-2015 | Environmental Field Assessor, Project Coordinator

Completed numerous well head decommissioning and UST removal programs for upstream oil and gas well sites. Coordinating ground disturbance compliance, heavy equipment field assessment of soil conditions at facility locations and responsible for completing final reports.

PHASE I & II ENVIRONMENTAL SITE ASSESSMENTS

Phase II Environmental Site Assessment | Government of Canada | Oshawa, Ontario | 2018 | Environmental Scientist

Supported site assessment investigations to assess potential areas of concern identified during the Phase I ESA investigation. Included contractor and site personnel coordination, collecting soil samples, characterizing soils and topography, installing groundwater monitoring wells, developing wells and collecting groundwater samples.

Canada Post Distribution Centre Phase I and II Environmental Site Assessment | Canada Post Corporation | Ontario | 2022-2023 | Project Manager

Managed and coordinated multi-disciplinary program (e.g., environmental, geotechnical, hazardous materials, ecology) to support expansion of distribution centre. Responsible for project management and integration of all aspects of the project, including budget and schedule management control, project team and client communications.

Phase I/II ESAs for Battery Energy Storage Facilities | Confidential | Various Sites, Ontario | 2023-2024 | Project Manager, Quality Reviewer

Conducted and managed numerous Phase I and II ESAs for proposed battery energy storage facilities across Ontario, including working with various stakeholders including landowners.

Phase I ESA Portfolio for Commercial Due Diligence | Confidential | 2020

Project management, coordination and technical reviewer for multi-site due diligence portfolio for commercial facilities across southwestern Ontario. Managed site assessment team, organized logistics for field programs, coordinated reporting and technical review for successful delivery of reports.

Phase I Environmental Site Assessment, Proposed Alignment for Green Line North LRT | HATCH | Calgary, Alberta | 2016-2017

Environmental Technical Memos of the proposed alignment for the Green Line North LRT for due diligence purposes. Responsible for historical research, data collection and report writing.

Phase II Environmental Site Assessments, Detailed Site Assessments | AltaLink | Calgary, Alberta | 2017

Phase II Environmental Site Assessment and Detailed Site Assessment along power transmission right-of-way. This includes contractor and site personnel coordination, collecting soil samples, characterizing soils and topography, vegetation classification, topsoil documentation. Followed up with technical reports and reclamation certificate application.

** denotes projects completed with other firms*

ENVIRONMENTAL SITE ASSESSMENTS PHASE I, II, III

Oil & Gas Upstream, Phase I and II Environmental Site Assessment | Signalta Resources Limited | Various Locations, Alberta | 2014-2018 | Environmental Scientist, Project Coordinator

Completed 65 Phase I and 55 Phase II ESAs at upstream oil and gas sites. The purpose of these assessments were to identify potential environmental liabilities associated with the historical land uses and to prepare the sites for remediation or reclamation.

Phase One/Two Site Assessments to Support Record of Site Condition | Various Sites, Ontario | 2019-2024 | Project Manager/Coordinator, Quality Reviewer

Managed Phase One/Two ESAs to support the assessment of former commercial/industrial properties to assist the client with redevelopment options and support the pursuit of a Record of Site Condition under O.Reg.153/04. Reviewed historical data, completed data gap analysis, developed and managed soil and groundwater sampling programs to quantify the extent of impacts and assist with next steps. Projects include development of remedial action plans and site-specific risk assessments. Contaminants of concern include metals, petroleum hydrocarbons, volatile organic compounds, and polycyclic aromatic hydrocarbons.

Phase I/II ESAs for Telecommunication Sites | Various Sites, Ontario | 2019-2024 | Project Manager, Quality Reviewer

Project and client manager for ongoing portfolio of over 50 Phase I/II ESAs of telecommunication sites at locations across northern and southern Ontario. Supported the client to manage their potential environmental liabilities associated with the acquisition and/or redevelopment of the various locations.

Phase I/II ESAs and Remedial Program Portfolio for Commercial Due Diligence | Various Sites, Ontario | 2019-2023 | Project Manager, Quality Reviewer

Conducted and managed Phase I/II ESAs and remedial excavation and in-situ remedial injection programs for a heavy equipment maintenance and retailer across Ontario. Contaminants of concern included metals, petroleum hydrocarbons, and volatile organic compounds. Managed site assessment and remediation team, coordinated logistics for field programs, and coordinated/completed reporting. Worked with client to develop risk-based approach to managing liabilities, developed remedial action plans and managed the site-specific remediation programs.

GROUNDWATER MONITORING AND REPORTING

Multiple Groundwater Monitoring Programs, Various Locations | Calgary, Alberta | 2016-2018 | Environmental Scientist

Completed groundwater monitoring and sample collection (purge or no purge, bailer or low flow methods) at multiple upstream and downstream sites. Often involved surveying and/or water well investigations. Role included project planning, logistics, coordination, and field work.

SOIL SAMPLING

Excess Soil Management Support | Various | Ontario | 2022-2024 | Project Management

Management and coordination of the completion of the planning documents in accordance with O.Reg. 406/19 to support various construction, linear infrastructure upgrades and community expansion projects across southern Ontario.

Soil Sampling Program in Combination with Geotechnical Assessment | City of Calgary | Calgary, Alberta | 2016-2017

Soil Sample collection during geotechnical assessment of Green Line North LRT for due diligences purposes. The purpose of the project was to collect soil and groundwater analytical data to provide information on environmental impacts along the proposed alignment prior to construction. Responsible for borehole logging, groundwater well installation and sample collection.

OIL & GAS MIDSTREAM, PIPELINES

Natural Gas Transmission Stations | TC Energy | Ontario | 2018-2023 | Project Manager/Coordinator, Report Author

Supported and managed environmental components during the installation of new compressor infrastructure and subsequent decommissioning of legacy compressor building and associated infrastructure. Included dual large-scale remediation of petroleum hydrocarbon and PCB impacted soil and groundwater. Managed soil and water generated during construction and remediation activities. Responsible for coordination and management of contractor and client stakeholders during execution of program.

** denotes projects completed with other firms*

Appendix D Supporting Documentation

DATABASE REPORT

Project Property:	*Phase One ESA - Ashbury College* *362 Mariposa Ave* *Ottawa ON K1M 0T3*
Project No:	*116501019*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*25052700692*
Requested by:	*Stantec Consulting Ltd. - Canada*
Date Completed:	*May 30, 2025*

Environmental Risk Information Services
A division of Glacier Media Inc.
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Executive Summary

Property Information:

Project Property:	*Phase One ESA - Ashbury College* *362 Mariposa Ave Ottawa ON K1M 0T3*
Project No:	*116501019*

Order Information:

Order No:	*25052700692*
Date Requested:	*May 27, 2025*
Requested by:	*Stantec Consulting Ltd. - Canada*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
ERIS Xplorer	*ERIS Xplorer*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	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	4	4
CA	Certificates of Approval	Y	0	7	7
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	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	10	10
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	2	2	4
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	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	13	7	20
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	2	2

Database	Name	Searched	Project Property	Boundary to 0.25km	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	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	0	0
PFAS	Ontario PFAS Spills	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	5	5
PPHA	Potential PFAS Handlers from EASR	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	3	3
SPL	Ontario Spills	Y	2	15	17
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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
WDSH	***Waste Disposal Sites - MOE 1991 Historical Approval Inventory***	*Y*	*0*	*0*	*0*
WWIS	***Water Well Information System***	*Y*	*0*	*1*	*1*
		Total:	*17*	*56*	*73*

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		362 Mariposa Avenue Ottawa ON	W/0.0	-1.05	25
1	GEN	ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	W/0.0	-1.05	25
1	SPL	Waste Management of Canada Corporation	362 Mariposa Ave Ottawa ON	W/0.0	-1.05	26
1	GEN	ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	W/0.0	-1.05	27
1	EHS		362 Mariposa Avenue Ottawa ON K1M 0T3	W/0.0	-1.05	27
1	GEN	ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	W/0.0	-1.05	28
1	GEN	ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	W/0.0	-1.05	29
1	GEN	ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	W/0.0	-1.05	30

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	GEN	ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON	W/0.0	-1.05	31
1	GEN	ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	W/0.0	-1.05	32
1	GEN	ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	W/0.0	-1.05	33
1	GEN	ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	W/0.0	-1.05	34
1	GEN	ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	W/0.0	-1.05	35
1	GEN	ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	W/0.0	-1.05	36
1	GEN	ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	W/0.0	-1.05	38
2	GEN	ASHBURY COLLEGE Inc.	362 MARIPOSA AVENUE ROCKCLIFFE ON	NE/0.0	-1.08	40
3	SPL	City of Ottawa	across from 333 Maple Lane, Rockcliffe Park Ottawa ON	SW/0.0	-1.89	46

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	GEN	Ashbury College	204 Springfield Road Ottawa ON K1M 0K9	SW/7.2	-2.59	46
5	SPL	City of Ottawa	70 Maple Lane Ottawa ON	SSW/17.1	-0.39	47
6	SPL	United Rentals	382 Mariposa Ave. Ottawa ON	ENE/27.8	-1.08	48
7	EHS		270 Springfield Rd Ottawa ON K1M0K8	NW/51.3	-3.09	49
8	HINC		16 ELMDALE AVENUE OTTAWA ON K1M 1A2	SE/74.1	1.92	49
9	PINC		392 Ashbury Rd. Ottawa ON	E/83.4	-1.39	49
10	SPL	Francis Fuels<UNOFFICIAL>	9 ROCK AVE.<UNOFFICIAL> Ottawa ON K1M 1A5	SE/88.9	1.89	50
11	CA	R.M. OF OTTAWA-CARLETON	MARIPOSA RD/ACACIA AVE. ROCKCLIFFE PARK VILL. ON	ENE/98.2	-1.24	51
12	CA	R.M. OF OTTAWA-CARLETON	ACACIA AVE/MARIPOSA AVE. ROCKCLIFFE PARK VILL. ON	ENE/98.3	-1.24	51
12	CA	ROCKCLIFFE PARK VILLAGE	ACACIA AVE/MARIPOSA AVE. ROCKCLIFFE PARK VILL. ON	ENE/98.3	-1.24	51
13	PINC		235 Mariposa Avenue, Ottawa ON	WNW/107.8	-4.08	51
14	SPL	PRIVATE RESIDENCE	275 SPRINGFIELD DR. ROCKCLIFF PARK (238-8080) FURNACE OIL TANK OTTAWA CITY ON K1M 0K8	WNW/115.9	-3.16	52

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
15	GEN	Ottawa Catholic District School Board	200 Springfield Road Ottawa ON K1M 1C2	SW/124.0	-2.09	53
16	SPL		160 Manor Avenue Ottawa ON K1M 0H2	W/129.7	-5.12	53
17	SPL	PRIVATE RESIDENCE	290 PARK RD ROCKCLIFFE FURNACE OIL TANK OTTAWA CITY ON K1M 0E1	NW/142.0	-3.03	54
18	BORE		ON	NW/158.4	-3.09	55
19	ECA	City of Ottawa	Princess Avenue Ottawa ON K1P 1J1	ESE/160.7	-2.08	56
19	ECA	City of Ottawa	Maple Lane, Lisgar Road, Minto Place, Howick Street, Carleton Street, and Springfield Road Ottawa ON K2G 6J8	ESE/160.7	-2.08	56
19	ECA	City of Ottawa	Ottawa ON K2G 6J8	ESE/160.7	-2.08	57
20	BORE		ON	W/168.0	-5.08	57
21	EHS		50 Maple Lane Ottawa ON K1M	SW/168.8	-3.06	58
22	PINC		350 Fernhill Road, Ottawa ON	NE/169.4	-2.78	58
22	PINC	NEEBING ARENA	350 FERNHILL RD,,OTTAWA,ON,K1M 0W8,CA ON	NE/169.4	-2.78	59
23	CA	Sisters of Charity of Ottawa	50 Maple Lane Ottawa ON K1M 1G8	SW/172.6	-3.54	59

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
23	GEN	Couvent Mont Saint Joseph	50 Maple Lane Ottawa ON K1M 1G8	SW/172.6	-3.54	59
23	GEN	Soeurs de la CharitU	50 Maple Lane Ottawa ON	SW/172.6	-3.54	60
23	ECA	Sisters of Charity of Ottawa	50 Maple Lane Ottawa ON K1M 1G8	SW/172.6	-3.54	60
23	GEN	Soeurs de la Charite	50 Maple Lane Ottawa ON K1N 5G8	SW/172.6	-3.54	60
24	SPL		431 ROXBOROUGH AVENUE<UNOFFICIAL> Ottawa ON	ENE/187.0	-5.44	61
24	GEN	Golder Associates Ltd	431 Roxborough Ave. Ottawa ON K1M 0L3	ENE/187.0	-5.44	62
25	CA	Randy Hicks and Laurie Le Gallais	316 Acacia Ave Ottawa ON	NNE/189.1	-2.13	62
25	CA	Randy Hicks and Laurie Le Gallais	316 Acacia Ave Ottawa ON	NNE/189.1	-2.13	62
25	ECA	Randy Hicks and Laurie Le Gallais	316 Acacia Ave Ottawa ON K1M 0L9	NNE/189.1	-2.13	63
25	ECA	Randy Hicks and Laurie Le Gallais	316 Acacia Ave Ottawa ON K1M 0L9	NNE/189.1	-2.13	63
26	SPL	CANADIAN WASTE SERVICES INC.	350 SPRINGFIELD RD, ROCKLISS PARK PARKING LOT. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1M 0K7	NNW/197.9	-4.78	63
27	SPL	Francis Fuels<UNOFFICIAL>	518 MARIPOSA AVE.<UNOFFICIAL> Ottawa ON	ENE/199.7	-6.53	64
28	SCT	VIDAR INDUSTRIES LTD.	180 HARWICK ST ROCKCLIFFE PARK ON K1M 0G8	W/203.9	-4.75	65

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
28	SCT	VIDAR INDUSTRIES LTD.	180 Howick St Rockcliffe Park ON K1M 0G8	W/203.9	-4.75	65
29	WWIS		ON ***Well ID:*** 7219179	NNW/206.5	-5.08	65
30	SCT	sensIRscan Thermography Inc.	109 Acacia Ave Ottawa ON K1N 1C5	ESE/206.7	-1.08	66
31	CA	Sara Hradecky	260 Cloverdale Rd Ottawa ON	ENE/207.9	-4.19	66
31	ECA	Sara Hradecky	260 Cloverdale Rd Ottawa ON K1M 0X2	ENE/207.9	-4.19	67
32	BORE		ON	W/212.8	-5.08	67
33	PINC		187 Mariposa Street, Rockliffe ON	W/214.2	-5.08	68
34	SPL	PRIVATE RESIDENCE	6 LINDENLEA ROAD FURNACE OIL TANK OTTAWA CITY ON K1M 1B6	S/225.4	-2.08	69
34	SPL	ESSO HOME COMFORT	6 LINDENLEA ROAD 605 INDUSTRIAL ST. OTTAWA, ONTARIO OTTAWA CITY ON K1M 1B6	S/225.4	-2.08	69
35	BORE		ON	WNW/229.9	-4.08	70
36	SPL		320 Cloverdale Rd, Ottawa OTTAWA ON	NE/230.0	-10.64	71
37	GEN	The Regional Group	11 Durham Private C.C.C. #496 Ottawa ON K1M 2H7	SW/232.9	-2.95	72

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
37	SPL		11 Durham Private Ottawa ON	SW/232.9	-2.95	73
38	HINC		526 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0S4	ENE/236.6	-7.64	74
39	SPL	PRIVATE RESIDENCE	451 ROXBOROUGH FURNACE OIL TANK ROCKCLIFFE PARK VILL. ON K1M 0L3	ENE/237.4	-9.08	74
39	SPL	SHELL CANADA PRODUCTS LTD.	451 OR 460 ROXBOROUGH ST., ROCKLIFFE PARK. TANK TRUCK (CARGO) GLOUCESTER CITY ON K1M 0L3	ENE/237.4	-9.08	75
40	ECA	City of Ottawa	Lisgar Road, from Buena Vista Road to Mariposa Avenue Ottawa ON K1P 1J1	ENE/244.1	-9.66	76
40	ECA	City of Ottawa	Lisgar Road, from Buena Vista Road to Mariposa Avenue Ottawa ON K1P 1J1	ENE/244.1	-9.66	76
40	ECA	City of Ottawa	Lisgar Road, from Buena Vista Road to Mariposa Avenue Ottawa ON K1P 1J1	ENE/244.1	-9.66	76

Executive Summary: Summary By Data Source

BORE - Borehole

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

Site	Address	Distance (m)	Map Key
	ON	158.4	18
	ON	168.0	20
	ON	212.8	32
	ON	229.9	35

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 7 CA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
R.M. OF OTTAWA-CARLETON	MARIPOSA RD/ACACIA AVE. ROCKCLIFFE PARK VILL. ON	98.2	11
R.M. OF OTTAWA-CARLETON	ACACIA AVE/MARIPOSA AVE. ROCKCLIFFE PARK VILL. ON	98.3	12
ROCKCLIFFE PARK VILLAGE	ACACIA AVE/MARIPOSA AVE. ROCKCLIFFE PARK VILL. ON	98.3	12
Sisters of Charity of Ottawa	50 Maple Lane Ottawa ON K1M 1G8	172.6	23

Site	Address	Distance (m)	Map Key
Randy Hicks and Laurie Le Gallais	316 Acacia Ave Ottawa ON	189.1	25
Randy Hicks and Laurie Le Gallais	316 Acacia Ave Ottawa ON	189.1	25
Sara Hradecky	260 Cloverdale Rd Ottawa ON	207.9	31

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011 - Apr 30, 2025 has found that there are 10 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
City of Ottawa	Ottawa ON K2G 6J8	160.7	19
City of Ottawa	Maple Lane, Lisgar Road, Minto Place, Howick Street, Carleton Street, and Springfield Road Ottawa ON K2G 6J8	160.7	19
City of Ottawa	Princess Avenue Ottawa ON K1P 1J1	160.7	19
Sisters of Charity of Ottawa	50 Maple Lane Ottawa ON K1M 1G8	172.6	23
Randy Hicks and Laurie Le Gallais	316 Acacia Ave Ottawa ON K1M 0L9	189.1	25
Randy Hicks and Laurie Le Gallais	316 Acacia Ave Ottawa ON K1M 0L9	189.1	25

Site	Address	Distance (m)	Map Key
Sara Hradecky	260 Cloverdale Rd Ottawa ON K1M 0X2	207.9	31
City of Ottawa	Lisgar Road, from Buena Vista Road to Mariposa Avenue Ottawa ON K1P 1J1	244.1	40
City of Ottawa	Lisgar Road, from Buena Vista Road to Mariposa Avenue Ottawa ON K1P 1J1	244.1	40
City of Ottawa	Lisgar Road, from Buena Vista Road to Mariposa Avenue Ottawa ON K1P 1J1	244.1	40

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 31, 2024 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	362 Mariposa Avenue Ottawa ON	0.0	1
	362 Mariposa Avenue Ottawa ON K1M 0T3	0.0	1
	270 Springfield Rd Ottawa ON K1M0K8	51.3	7
	50 Maple Lane Ottawa ON K1M	168.8	21

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Dec 31, 2024 has found that there are 20 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	0.0	1
ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	0.0	1
ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	0.0	1
ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	0.0	1
ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	0.0	1
ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	0.0	1
ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON	0.0	1
ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	0.0	1
ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	0.0	1
ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	0.0	1
ASHBURY COLLEGE	362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	0.0	1

Site	Address	Distance (m)	Map Key
ASHBURY COLLEGE Inc.	362 MARIPOSA AVENUE ROCKCLIFFE ON	0.0	2
Ashbury College	204 Springfield Road Ottawa ON K1M 0K9	7.2	4
Ottawa Catholic District School Board	200 Springfield Road Ottawa ON K1M 1C2	124.0	15
Soeurs de la Charite	50 Maple Lane Ottawa ON K1N 5G8	172.6	23
Soeurs de la CharitU	50 Maple Lane Ottawa ON	172.6	23
Couvent Mont Saint Joseph	50 Maple Lane Ottawa ON K1M 1G8	172.6	23
Golder Associates Ltd	431 Roxborough Ave. Ottawa ON K1M 0L3	187.0	24
The Regional Group	11 Durham Private C.C.C. #496 Ottawa ON K1M 2H7	232.9	37

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 2 HINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	16 ELMDALE AVENUE OTTAWA ON K1M 1A2	74.1	8

Site	Address	Distance (m)	Map Key
	526 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0S4	236.6	38

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 5 PINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	392 Ashbury Rd. Ottawa ON	83.4	9
	235 Mariposa Avenue, Ottawa ON	107.8	13
NEEBING ARENA	350 FERNHILL RD,,OTTAWA,ON,K1M 0W8, CA ON	169.4	22
	350 Fernhill Road, Ottawa ON	169.4	22
	187 Mariposa Street, Rockliffe ON	214.2	33

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 3 SCT site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
VIDAR INDUSTRIES LTD.	180 HARWICK ST ROCKCLIFFE PARK ON K1M 0G8	203.9	28
VIDAR INDUSTRIES LTD.	180 Howick St Rockcliffe Park ON K1M 0G8	203.9	28

Site	Address	Distance (m)	Map Key
sensIRscan Thermography Inc.	109 Acacia Ave Ottawa ON K1N 1C5	206.7	30

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2024; Aug-Feb 2025 has found that there are 17 SPL site(s) within approximately 0.25 kilometers of the project property.

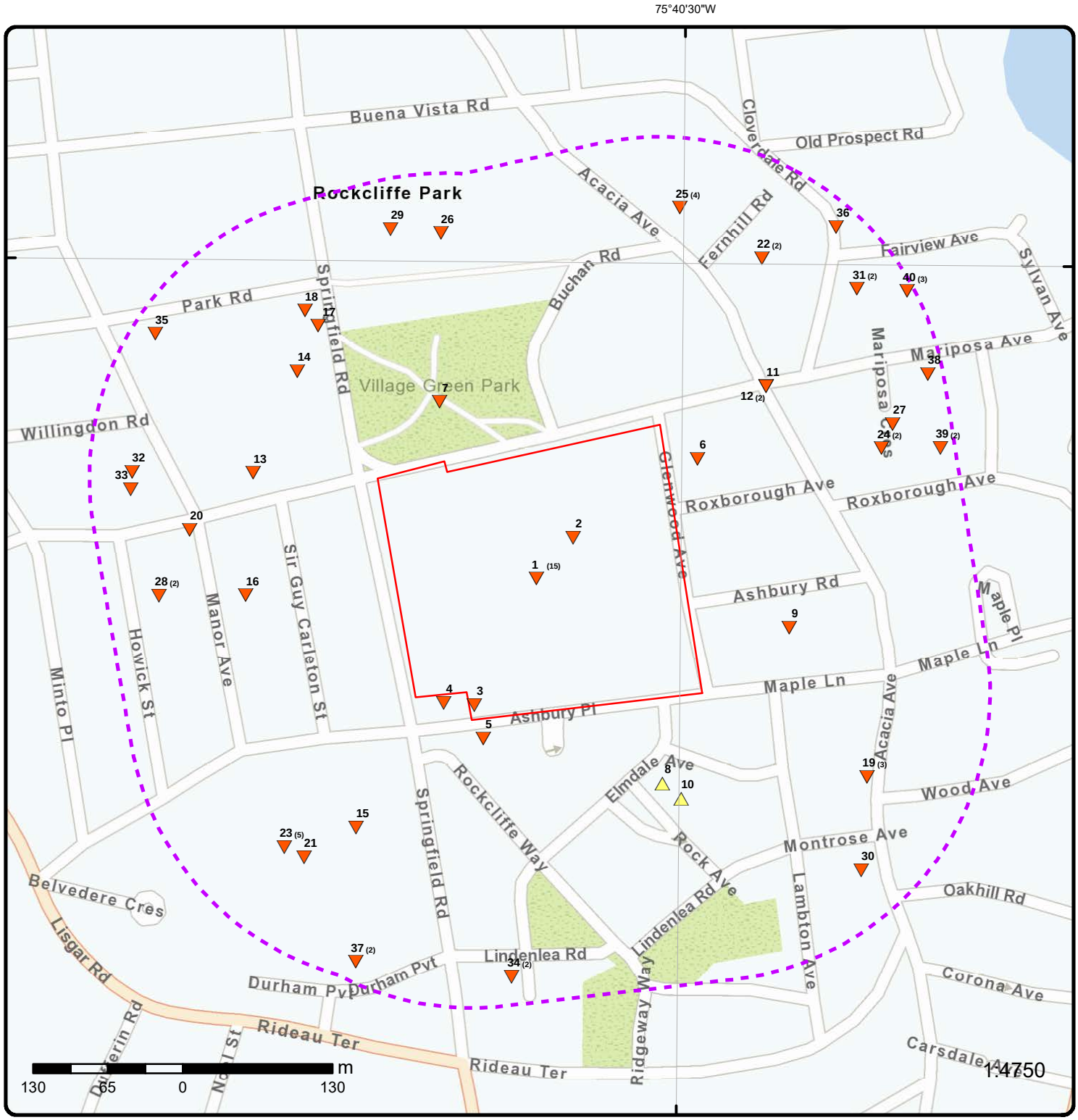
Site	Address	Distance (m)	Map Key
Waste Management of Canada Corporation	362 Mariposa Ave Ottawa ON	0.0	1
City of Ottawa	across from 333 Maple Lane, Rockcliffe Park Ottawa ON	0.0	3
City of Ottawa	70 Maple Lane Ottawa ON	17.1	5
United Rentals	382 Mariposa Ave. Ottawa ON	27.8	6
Francis Fuels<UNOFFICIAL>	9 ROCK AVE.<UNOFFICIAL> Ottawa ON K1M 1A5	88.9	10
PRIVATE RESIDENCE	275 SPRINGFIELD DR. ROCKCLIFF PARK (238-8080) FURNACE OIL TANK OTTAWA CITY ON K1M 0K8	115.9	14
	160 Manor Avenue Ottawa ON K1M 0H2	129.7	16
PRIVATE RESIDENCE	290 PARK RD ROCKCLIFFE FURNACE OIL TANK OTTAWA CITY ON K1M 0E1	142.0	17
	431 ROXBOROUGH AVENUE<UNOFFICIAL> Ottawa ON	187.0	24

Site	Address	Distance (m)	Map Key
CANADIAN WASTE SERVICES INC.	350 SPRINGFIELD RD, ROCKLISS PARK PARKING LOT. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1M 0K7	197.9	26
Francis Fuels<UNOFFICIAL>	518 MARIPOSA AVE.<UNOFFICIAL> Ottawa ON	199.7	27
PRIVATE RESIDENCE	6 LINDENLEA ROAD FURNACE OIL TANK OTTAWA CITY ON K1M 1B6	225.4	34
ESSO HOME COMFORT	6 LINDENLEA ROAD 605 INDUSTRIAL ST. OTTAWA, ONTARIO OTTAWA CITY ON K1M 1B6	225.4	34
	320 Cloverdale Rd, Ottawa OTTAWA ON	230.0	36
	11 Durham Private Ottawa ON	232.9	37
PRIVATE RESIDENCE	451 ROXBOROUGH FURNACE OIL TANK ROCKCLIFFE PARK VILL. ON K1M 0L3	237.4	39
SHELL CANADA PRODUCTS LTD.	451 OR 460 ROXBOROUGH ST., ROCKLIFFE PARK. TANK TRUCK (CARGO) GLOUCESTER CITY ON K1M 0L3	237.4	39

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 1 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON ***Well ID:*** 7219179	206.5	29



Map: 0.25 Kilometer Radius

Order Number: 25052700692

Address: 362 Mariposa Ave, Ottawa, ON

ERIS

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

Source: © 2021 ESRI StreetMap Premium.

© ERIS Information Limited Partnership

75°40'30"W

45°27'N

45°27'N



Aerial

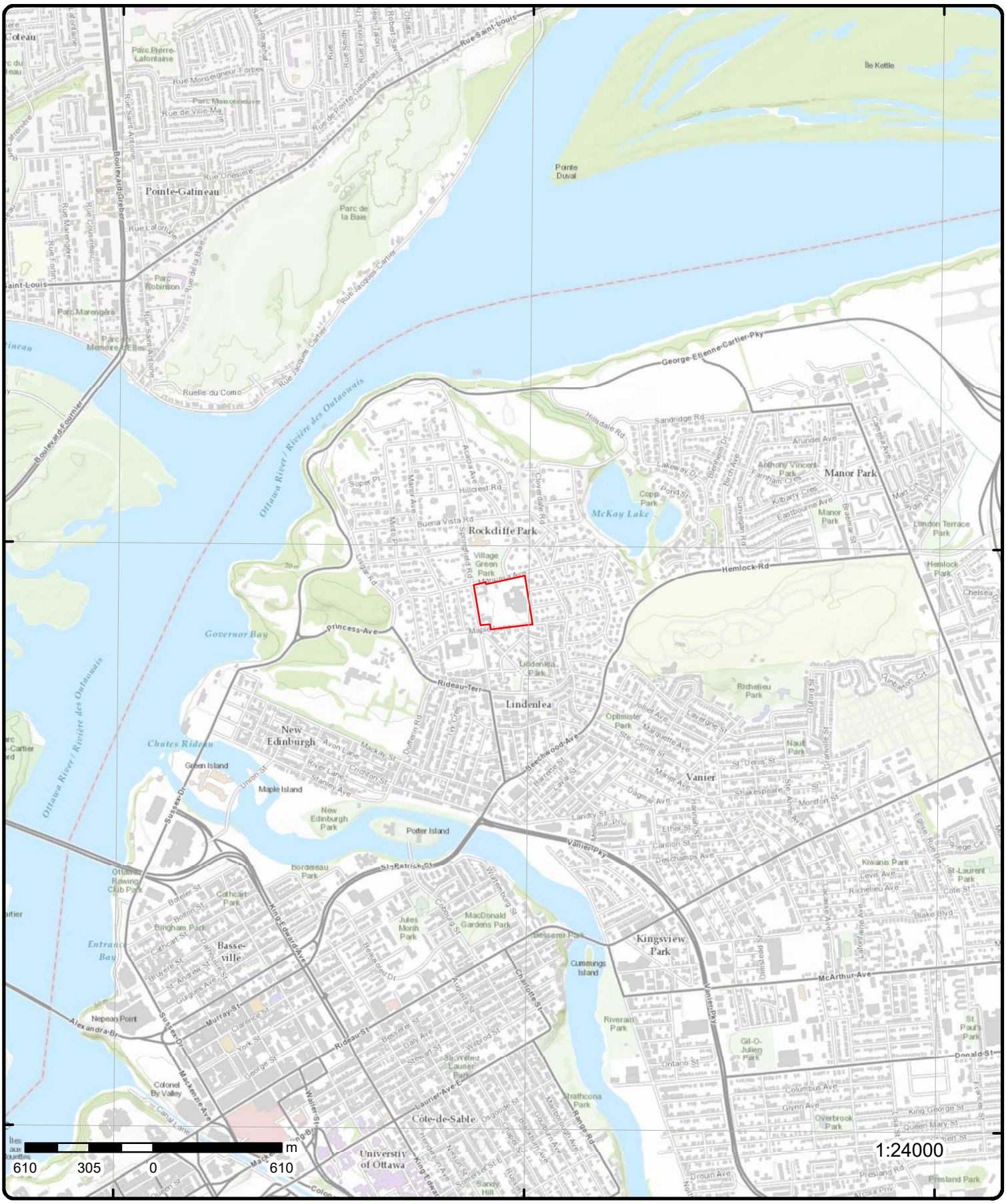
Year: 2023

Order Number: 25052700692

Address: 362 Mariposa Ave, Ottawa, ON

Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Address: 362 Mariposa Ave, ON

Source: ESRI World Topographic Map

Order Number: 25052700692

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 15	W/0.0	72.9 / -1.05	362 Mariposa Avenue Ottawa ON	EHS

Order No: 20030910008
Status: C
Report Type: Complete Report
Report Date: 9/12/03
Date Received: 9/10/03
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection: Maple Lane
Municipality:
Client Prov/State: ON
Search Radius (km): 0.45
X: -75.676583
Y: 45.447577

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 15	W/0.0	72.9 / -1.05	ASHBURY COLLEGE 362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	GEN

Generator Info

Generator No: ON2476000
Approval Years: 99,00,01,02,03,04,05,06,07,08
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: ELEMT./SECON. EDUC.

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 8511

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

Waste Class: 243
Waste Class Name: PCB'S

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

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1 | ***3 of 15*** | ***W/0.0*** | ***72.9 / -1.05*** | ***Waste Management of Canada Corporation*** | ***SPL***
362 Mariposa Ave
Ottawa ON

Ref No: 4326-73MJTP
Year:
Incident Dt:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/28/2007
Dt Document Closed: 6/23/2007
Site No:
MOE Response: No Field Response
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Ashbury College
Site Address:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: NA
Easting: NA
Entity Operating Name:
Client Name: Waste Management of Canada Corporation
Client Type:
Source Type:
Incident Cause: Pipe Or Hose Leak
Incident Preceding Spill:
Incident Reason: Equipment Failure
Incident Summary: Hydraulic oil to road/sewer. Burst line. Cleaning
Environment Impact: Not Anticipated
Health Env Consequence:
Nature of Impact: Soil Contamination; Surface Water Pollution
Contaminant Qty: 45 L
Contaminant Qty 1: 45
Contaminant Unit: L
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land & Water
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group: Oil
Impact to Health:
Agency Involved:

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

Sector Type: Transport Truck
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

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1 **4 of 15** **W/0.0** **72.9 / -1.05** **ASHBURY COLLEGE** **GEN**
362 MARIPOSA AVENUE
ROCKCLIFFE ON K1M 0T3

Generator Info

Generator No: ON2476000
Approval Years: 2009
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: All Other Schools and Instruction

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 611690

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

Waste Class: 243
Waste Class Name: PCBS

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

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1 **5 of 15** **W/0.0** **72.9 / -1.05** **362 Mariposa Avenue** **EHS**
Ottawa ON K1M 0T3

Order No: 20120911018
Status: C

Nearest Intersection:
Municipality:

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

Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	20-SEP-12	**Search Radius (km):**	.25
Date Received:	11-SEP-12	**X:**	-75.676551
Previous Site Name:		**Y:**	45.447678
Lot/Building Size:			
Additional Info Ordered:			

1	6 of 15	W/0.0	72.9 / -1.05	ASHBURY COLLEGE 362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	GEN

Generator Info

Generator No:	ON2476000	**Choice of Contact:**	
Approval Years:	2010	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	611690
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	All Other Schools and Instruction		

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 243
Waste Class Name: PCBS

Waste Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

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

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	7 of 15	W/0.0	72.9 / -1.05	ASHBURY COLLEGE 362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	GEN

Generator Info

Generator No:	ON2476000	***Choice of Contact:***	
Approval Years:	2011	***Contaminated Fac:***	
Status:		***MHSW Facility:***	
PO Box No:		***SIC Code:***	611690
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	All Other Schools and Instruction		

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 243
Waste Class Name: PCBS

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

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

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	8 of 15	W/0.0	72.9 / -1.05	ASHBURY COLLEGE 362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	GEN

Generator Info

Generator No: ON2476000
Approval Years: 2012
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: All Other Schools and Instruction

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 611690

Waste Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 243
Waste Class Name: PCBS

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

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

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	9 of 15	W/0.0	72.9 / -1.05	ASHBURY COLLEGE 362 MARIPOSA AVENUE ROCKCLIFFE ON	GEN

Generator Info

Generator No:	ON2476000	***Choice of Contact:***	
Approval Years:	2013	***Contaminated Fac:***	
Status:		***MHSW Facility:***	
PO Box No:		***SIC Code:***	611690
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	ALL OTHER SCHOOLS AND INSTRUCTION		

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

Waste Class: 243
Waste Class Name: PCBS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	10 of 15	W/0.0	72.9 / -1.05	ASHBURY COLLEGE 362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	GEN

Generator Info

Generator No:	ON2476000	**Choice of Contact:**	CO_ADMIN
Approval Years:	2016	**Contaminated Fac:**	No
Status:		**MHSW Facility:**	No
PO Box No:		**SIC Code:**	611690
Country:	Canada		

Co Admin: Lee M Goodwin
Phone No Admin: 613 -749-9630 Ext.230
SIC Description: ALL OTHER SCHOOLS AND INSTRUCTION

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 243
Waste Class Name: PCBS

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

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1 | ***11 of 15*** | ***W/0.0*** | ***72.9 / -1.05*** | ***ASHBURY COLLEGE***
362 MARIPOSA AVENUE
ROCKCLIFFE ON K1M 0T3 | ***GEN***

Generator Info

Generator No:	ON2476000	***Choice of Contact:***	CO_ADMIN
Approval Years:	2015	***Contaminated Fac:***	No
Status:		***MHSW Facility:***	No
PO Box No:		***SIC Code:***	611690
Country:	Canada		

Co Admin: Lee M Goodwin
Phone No Admin: 613 -749-9630 Ext.230
SIC Description: ALL OTHER SCHOOLS AND INSTRUCTION

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 243
Waste Class Name: PCBS

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 263

Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	12 of 15	W/0.0	72.9 / -1.05	ASHBURY COLLEGE 362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	GEN

Generator Info

Generator No: ON2476000
Approval Years: 2014
Status:
PO Box No:
Country: Canada
Co Admin: Lee M Goodwin
Phone No Admin: 613 -749-9630 Ext.230
SIC Description: ALL OTHER SCHOOLS AND INSTRUCTION
Choice of Contact: CO_ADMIN
Contaminated Fac: No
MHSW Facility: No
SIC Code: 611690

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 243
Waste Class Name: PCBS

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	13 of 15	W/0.0	72.9 / -1.05	ASHBURY COLLEGE 362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	GEN

Generator Info

Generator No: ON2476000
Approval Years: As of Dec 2018
Status: Registered
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description:

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code:

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 263 I
Waste Class Name: Misc. waste organic chemicals

Waste Detail(s)

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

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

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 148 C
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

Waste Class: 148 R
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

Waste Class: 148 T
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

Waste Class: 221 I
Waste Class Name: Light fuels

Waste Detail(s)

Waste Class: 241 L
Waste Class Name: Halogenated solvents and residues

Waste Detail(s)

Waste Class: 243 D
Waste Class Name: PCB

Waste Detail(s)

Waste Class: 122 C
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Detail(s)

Waste Class: 251 L
Waste Class Name: Waste oils/sludges (petroleum based)

1	*14 of 15*	*W/0.0*	*72.9 / -1.05*	***ASHBURY COLLEGE*** ***362 MARIPOSA AVENUE*** ***ROCKCLIFFE ON K1M 0T3***	***GEN***

Generator Info

Generator No: ON2476000
Approval Years: As of Jul 2020
Status: Registered
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description:

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code:

Waste Detail(s)

Waste Class: 148 R
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 148 T
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

Waste Class: 241 L
Waste Class Name: Halogenated solvents and residues

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 148 C
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

Waste Class: 251 L
Waste Class Name: Waste oils/sludges (petroleum based)

Waste Detail(s)

Waste Class: 243 D
Waste Class Name: PCB

Waste Detail(s)

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

Waste Class: 221 I
Waste Class Name: Light fuels

Waste Detail(s)

Waste Class: 122 C
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 263 I
Waste Class Name: Misc. waste organic chemicals

Waste Detail(s)

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

1	15 of 15	W/0.0	72.9 / -1.05	ASHBURY COLLEGE 362 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0T3	GEN

Generator Info

Generator No: ON2476000
Approval Years: As of Nov 2021
Status: Registered
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description:

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code:

Waste Detail(s)

Waste Class: 148 C
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 251 L
Waste Class Name: Waste oils/sludges (petroleum based)

Waste Detail(s)

Waste Class: 148 B

Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 243 D
Waste Class Name: PCB

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 145 L
Waste Class Name: Wastes from the use of pigments, coatings and paints

Waste Detail(s)

Waste Class: 263 I
Waste Class Name: Misc. waste organic chemicals

Waste Detail(s)

Waste Class: 148 T
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

Waste Class: 122 C
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 241 L
Waste Class Name: Halogenated solvents and residues

Waste Detail(s)

Waste Class: 221 I
Waste Class Name: Light fuels

Waste Detail(s)

Waste Class: 148 R
Waste Class Name: Misc. wastes and inorganic chemicals

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

Waste Detail(s)

Waste Class: 253 T
Waste Class Name: Emulsified oils

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	NE/0.0	72.9 / -1.08	ASHBURY COLLEGE Inc. 362 MARIPOSA AVENUE ROCKCLIFFE ON	GEN

Generator Info

Generator No: ON2476000
Approval Years: As of Oct 2022
Status: Registered
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description:

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code:

Waste Detail(s)

Waste Class: 221 I
Waste Class Name: LIGHT FUELS

Waste Detail(s)

Waste Class: 148 R
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 251 L
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 145 I
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Detail(s)

Waste Class: 241 L
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

Waste Class: 148 T
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 253 T
Waste Class Name: EMULSIFIED OILS

Waste Detail(s)

Waste Class: 148 B
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 145 L
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Detail(s)

Waste Class: 212 I
Waste Class Name: ALIPHATIC SOLVENTS

Waste Detail(s)

Waste Class: 263 I
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 146 T
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

Waste Class: 122 C
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 263 L
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 243 D
Waste Class Name: PCBS

Waste Detail(s)

Waste Class: 148 C
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 148 I
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Generator Info as of Dec 2024

Generator No: ON2476000
Generator Company Name: ASHBURY COLLEGE Inc.
Street: 362 MARIPOSA AVENUE
City: ROCKCLIFFE

Province State:	Ontario
Country:	Canada
Postal Code:	K1M0T3
Waste Class:	146 T, 148 B, 112 C, 263 I, 148 C, 263 I, 148 T, 145 I, 122 C, 243 D, 251 L, 221 I, 148 I, 148 R, 253 T, 145 L, 212 I

Waste Class Decoded:

146 - OTHER SPECIFIED INORGANICS; 148 - INORGANIC LABORATORY CHEMICALS; 112 - ACID WASTE - HEAVY METALS; 263 - ORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 263 - ORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 145 - PAINT/PIGMENT/COATING RESIDUES; 122 - ALKALINE WASTES - OTHER METALS; 243 - PCBS; 251 - OIL SKIMMINGS & SLUDGES; 221 - LIGHT FUELS; 148 - INORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 253 - EMULSIFIED OILS; 145 - PAINT/PIGMENT/COATING RESIDUES; 212 - ALIPHATIC SOLVENTS

Generator Info as of Dec 2024

Generator No:	ON2476000
Generator Company Name:	ASHBURY COLLEGE Inc.
Street:	362 MARIPOSA AVENUE
City:	ROCKCLIFFE
Province State:	Ontario
Country:	Canada
Postal Code:	K1M0T3
Waste Class:	146 T,112 C,148 B,148 I,148 C,263 I,263 I,148 T,145 I,122 C,243 D,251 L,221 I,148 R,253 T,145 L,212 I

Waste Class Decoded:

146 - OTHER SPECIFIED INORGANICS; 112 - ACID WASTE - HEAVY METALS; 148 - INORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 263 - ORGANIC LABORATORY CHEMICALS; 263 - ORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 145 - PAINT/PIGMENT/COATING RESIDUES; 122 - ALKALINE WASTES - OTHER METALS; 243 - PCBS; 251 - OIL SKIMMINGS & SLUDGES; 221 - LIGHT FUELS; 148 - INORGANIC LABORATORY CHEMICALS; 253 - EMULSIFIED OILS; 145 - PAINT/PIGMENT/COATING RESIDUES; 212 - ALIPHATIC SOLVENTS

2017 Generator Info

Gen No:	ON2476000	***Choice of Contact:***	CO_ADMIN
ID:	9858	***Phone No Official:***	749-5954 Ext.230
Contaminated Fac:	N	***Phone No Admin:***	613 -749-9630 Ext.230
MHSW Facility:	N	***County Ont:***	OTTAWA CARLTON (RM)
NAICS Code1:	611690	***County Out:***	
NAICS Code2:		***District:***	402
NAICS Code3:			

Gen Name:	ASHBURY COLLEGE
Gen Div:	
Gen Op Name:	ASHBURY COLLEGE
Gen Op Div:	
Site Adrs1:	362 MARIPOSA AVENUE
Site Bldg:	
Site Pobox:	
Province In:	ONTARIO
Site Adrs2:	
Site City:	ROCKCLIFFE
Province Out:	
Site Postal Code:	K1M 0T3
Site Country:	Canada
Co Official:	Lee Goodwin
Co Admin:	Lee M Goodwin

2017 Generator Manifest

ID:	30852	***Sum Received Qty:***	250.0
Generator No:	ON2476000	***Waste Class Name:***	PCBS
Receiver Type:	035	***Count Manifests:***	1

Waste Char:	D	**District:**	403
Waste Code:	243		

2018 Generator Info

Gen No:	ON2476000	**Choice of Contact:**	CO_ADMIN
ID:	9615	**Phone No Official:**	749-5954 Ext.230
Contaminated Fac:	N	**Phone No Admin:**	613 -749-9630 Ext.230
MHSW Facility:	N	**County Ont:**	OTTAWA CARLTON (RM)
NAICS Code1:	611690	**County Out:**	
NAICS Code2:		**District:**	402
NAICS Code3:			
Gen Name:	ASHBURY COLLEGE		
Gen Div:			
Gen Op Name:	ASHBURY COLLEGE		
Gen Op Div:			
Site Adrs1:	362 MARIPOSA AVENUE		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	ROCKCLIFFE		
Province Out:			
Site Postal Code:	K1M 0T3		
Site Country:	Canada		
Co Official:	Lee Goodwin		
Co Admin:	Lee M Goodwin		

2018 Generator Manifest

ID:	30516	**Sum Received Qty:**	8.0
Generator No:	ON2476000	**Waste Class Name:**	INORGANIC LABORATORY CHEMICALS
Receiver Type:	035	**Count Manifests:**	1
Waste Char:	I	**District:**	402
Waste Code:	148		

2018 Generator Manifest

ID:	30518	**Sum Received Qty:**	8.0
Generator No:	ON2476000	**Waste Class Name:**	WASTE COMPRESSED GASES
Receiver Type:	035	**Count Manifests:**	1
Waste Char:	I	**District:**	402
Waste Code:	331		

2018 Generator Manifest

ID:	30514	**Sum Received Qty:**	0.1
Generator No:	ON2476000	**Waste Class Name:**	PAINT/PIGMENT/COATING RESIDUES
Receiver Type:	035	**Count Manifests:**	1
Waste Char:	R	**District:**	402
Waste Code:	145		

2018 Generator Manifest

ID:	30515	**Sum Received Qty:**	49.0
Generator No:	ON2476000	**Waste Class Name:**	INORGANIC LABORATORY CHEMICALS
Receiver Type:	035	**Count Manifests:**	5
Waste Char:	C	**District:**	402
Waste Code:	148		

2018 Generator Manifest

ID:	30517	**Sum Received Qty:**	104.0
Generator No:	ON2476000	**Waste Class Name:**	ORGANIC LABORATORY CHEMICALS
Receiver Type:	035	**Count Manifests:**	3
Waste Char:	I	**District:**	402
Waste Code:	263		

2019 Generator Info

Gen No:	ON2476000	**Choice of Contact:**	CO_ADMIN
ID:	9315	**Phone No Official:**	749-5954 Ext.230
Contaminated Fac:	N	**Phone No Admin:**	613 -749-9630 Ext.230
MHSW Facility:	N	**County Ont:**	OTTAWA CARLTON (RM)
NAICS Code1:	611690	**County Out:**	
NAICS Code2:		**District:**	402
NAICS Code3:			
Gen Name:	ASHBURY COLLEGE		
Gen Div:			
Gen Op Name:	ASHBURY COLLEGE		
Gen Op Div:			
Site Adrs1:	362 MARIPOSA AVENUE		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	ROCKCLIFFE		
Province Out:			
Site Postal Code:	K1M 0T3		
Site Country:	Canada		
Co Official:	Lee Goodwin		
Co Admin:	Lee M Goodwin		

2020 Generator Info

Gen No:	ON2476000	**Choice of Contact:**	CO_ADMIN
ID:	8976	**Phone No Official:**	749-5954 Ext.230
Contaminated Fac:	N	**Phone No Admin:**	613 -749-9630 Ext.230
MHSW Facility:	N	**County Ont:**	OTTAWA CARLTON (RM)
NAICS Code1:	611690	**County Out:**	
NAICS Code2:		**District:**	402
NAICS Code3:			
Gen Name:	ASHBURY COLLEGE		
Gen Div:			
Gen Op Name:	ASHBURY COLLEGE		
Gen Op Div:			
Site Adrs1:	362 MARIPOSA AVENUE		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	ROCKCLIFFE		
Province Out:			
Site Postal Code:	K1M 0T3		
Site Country:	Canada		
Co Official:	Lee Goodwin		
Co Admin:	Lee M Goodwin		

2021 Generator Info

Gen No:	ON2476000	**Choice of Contact:**	CO_ADMIN
ID:	8735	**Phone No Official:**	749-5954 Ext.230
Contaminated Fac:	N	**Phone No Admin:**	613 -749-9630 Ext.230
MHSW Facility:	N	**County Ont:**	OTTAWA CARLTON (RM)

NAICS Code1:	611690	***County Out:***	
NAICS Code2:		***District:***	402
NAICS Code3:			
Gen Name:	ASHBURY COLLEGE		
Gen Div:			
Gen Op Name:	ASHBURY COLLEGE		
Gen Op Div:			
Site Adrs1:	362 MARIPOSA AVENUE		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	ROCKCLIFFE		
Province Out:			
Site Postal Code:	K1M 0T3		
Site Country:	Canada		
Co Official:	Lee Goodwin		
Co Admin:	Lee M Goodwin		

2021 Generator Manifest

ID:	27369	***Sum Received Qty:***	10.0
Generator No:	ON2476000	***Waste Class Name:***	INORGANIC LABORATORY CHEMICALS
Receiver Type:	035	***Count Manifests:***	1
Waste Char:	T	***District:***	402
Waste Code:	148		

2021 Generator Manifest

ID:	27371	***Sum Received Qty:***	100.0
Generator No:	ON2476000	***Waste Class Name:***	EMULSIFIED OILS
Receiver Type:	035	***Count Manifests:***	1
Waste Char:	T	***District:***	402
Waste Code:	253		

2021 Generator Manifest

ID:	27368	***Sum Received Qty:***	10.0
Generator No:	ON2476000	***Waste Class Name:***	INORGANIC LABORATORY CHEMICALS
Receiver Type:	035	***Count Manifests:***	1
Waste Char:	C	***District:***	402
Waste Code:	148		

2021 Generator Manifest

ID:	27370	***Sum Received Qty:***	150.0
Generator No:	ON2476000	***Waste Class Name:***	OIL SKIMMINGS & SLUDGES
Receiver Type:	035	***Count Manifests:***	1
Waste Char:	L	***District:***	402
Waste Code:	251		

2021 Generator Manifest

ID:	27366	***Sum Received Qty:***	500.0
Generator No:	ON2476000	***Waste Class Name:***	PAINT/PIGMENT/COATING RESIDUES
Receiver Type:	035	***Count Manifests:***	1
Waste Char:	L	***District:***	402
Waste Code:	145		

2021 Generator Manifest

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

ID:	27367	**Sum Received Qty:**	2300.0
Generator No:	ON2476000	**Waste Class Name:**	OTHER SPECIFIED INORGANICS
Receiver Type:	035	**Count Manifests:**	1
Waste Char:	T	**District:**	402
Waste Code:	146		

3 | **1 of 1** | **SW/0.0** | **72.1 / -1.89** | **City of Ottawa**
across from 333 Maple Lane, Rockcliffe Park
Ottawa ON | **SPL**

Ref No:	1584-BTNMZ6	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	2020/09/21	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	2020/09/21	**Impact to Health:**	2 - Minor Environment
Dt Document Closed:	2021/02/08	**Agency Involved:**	

Site No: NA
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Spill location<UNOFFICIAL>
Site Address: across from 333 Maple Lane, Rockcliffe Park
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 5032810.46
Easting: 447017.67
Entity Operating Name:
Client Name: City of Ottawa
Client Type: Municipal Government
Source Type: Motor Vehicle
Incident Cause:
Incident Preceding Spill: Leak/Break
Incident Reason: Equipment Failure
Incident Summary: OC Transp: 8L of coolant to ground, 2L to cb; cleaning
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty: 10 L
Contaminant Qty 1: 10
Contaminant Unit: L
Contaminant Code: 27
Contaminant Name: COOLANT N.O.S.
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Receiving Medium: Land
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Industrial
SAC Action Class: Land Spills
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

4 | **1 of 1** | **SW/7.2** | **71.4 / -2.59** | **Ashbury College**
204 Springfield Road | **GEN**

Ottawa ON K1M 0K9

Generator Info

Generator No:	ON7743533	***Choice of Contact:***	
Approval Years:	02,03,04	***Contaminated Fac:***	
Status:		***MHSW Facility:***	
PO Box No:		***SIC Code:***	
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

Waste Class:	221
Waste Class Name:	LIGHT FUELS

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5 ***1 of 1*** ***SSW/17.1*** ***73.6 / -0.39*** ***City of Ottawa***
70 Maple Lane
Ottawa ON ***SPL***

Ref No:	7504-AA9T77	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	2016/05/24	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	2016/05/24	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	
Site No:	NA		
MOE Response:	No		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:	Coolant Leak<UNOFFICIAL>		
Site Address:	70 Maple Lane		
Site Region:			
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:	5032755		
Easting:	446984		
Entity Operating Name:			
Client Name:	City of Ottawa		
Client Type:			
Source Type:			
Incident Cause:			
Incident Preceding Spill:	Leak/Break		
Incident Reason:	Material Failure - Poor Design/Substandard Material		
Incident Summary:	OC Transpo: 8L of coolant to grd/cb - Cntd/Clng		
Environment Impact:			
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:	8 L		
Contaminant Qty 1:	8		
Contaminant Unit:	L		
Contaminant Code:	27		
Contaminant Name:	COOLANT N.O.S.		
Contaminant Limit 1:			
Contam Limit Freq 1:			

Contaminant UN No 1:
Receiving Medium: Land; Surface Water
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Industrial
SAC Action Class: Land Spills
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

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6 | ***1 of 1*** | ***ENE/27.8*** | ***72.9 / -1.08*** | ***United Rentals 382 Mariposa Ave. Ottawa ON*** | ***SPL***

Ref No: 2110-BC2TB4
Year:
Incident Dt: 5/10/2019
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/10/2019
Dt Document Closed:
Site No: NA
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Spill Site <UNOFFICIAL>
Site Address: 382 Mariposa Ave.
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 5032994.93
Easting: 447231
Entity Operating Name:
Client Name: United Rentals
Client Type: Corporation
Source Type: Valve/Fitting/Piping
Incident Cause:
Incident Preceding Spill: Leak/Break
Incident Reason: Material Failure - Poor Design/Substandard Material
Incident Summary: United Rentals: 5L of Hydraulic Oil to Grd/CB - Cleaning
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty: 5 L
Contaminant Qty 1: 5
Contaminant Unit: L
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Receiving Medium: Land; Surface Water
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Communal
SAC Action Class: Land Spills
Call Report Locatn Geodata:
Time Reported:
Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health: 2 - Minor Environment
Agency Involved:

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

System Facility Address:

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7 | **1 of 1** | **NW/51.3** | **70.9 / -3.09** | **270 Springfield Rd Ottawa ON K1M0K8** | **EHS**

Order No:	20170314077	**Nearest Intersection:**	
Status:	C	**Municipality:**	OTTAWA
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	21-MAR-17	**Search Radius (km):**	.25
Date Received:	14-MAR-17	**X:**	-75.677676
Previous Site Name:		**Y:**	45.448901
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Topographic Maps; City Directory; Aerial Photos

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8 | **1 of 1** | **SE/74.1** | **75.9 / 1.92** | **16 ELMDALE AVENUE OTTAWA ON K1M 1A2** | **HINC**

External File Num:	FS INC 0808-04668
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	8/19/2008
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:	Yes
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation
Root Cause:	Root Cause: Equipment/Material/Component:N/A Procedures:Yes Maintenance:N/A Design:N/A Training: Yes Management:Yes Human Factors:Y
Reported Details:	
Fuel Category:	Gaseous Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Ottawa
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

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9 | **1 of 1** | **E/83.4** | **72.6 / -1.39** | **392 Ashbury Rd. Ottawa ON** | **PINC**

Incident Id:	2802624	**Pipe Material:**	Plastic
Incident No:	645894	**Fuel Category:**	Natural Gas
Incident Reported Dt:		**Health Impact:**	No
Type:	FS-Pipeline Incident	**Environment Impact:**	No
Status Code:	Pipeline Damage Reason Est	**Property Damage:**	Yes
Tank Status:	RC Established	**Service Interrupt:**	Yes
Task No:	3449782	**Enforce Policy:**	Yes
Spills Action Centre:		**Public Relation:**	No
Fuel Type:	Natural Gas	**Pipeline System:**	
Fuel Occurrence Tp:	Pipeline Strike	**PSIG:**	40
Date of Occurrence:	8/4/2011 0:00	**Attribute Category:**	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2011/10/25	**Regulator Location:**	Outside
Depth:	39	**Method Details:**	E-mail
Customer Acct Name:			
Incident Address:			
Operation Type:	Construction Site (pipeline strike)		
Pipeline Type:	Main Distribution Pipeline		

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

Regulator Type: Service Regulator (up to 60 psi intake)
Summary: 392 Ashbury Rd. Ottawa - 11/4" Pipeline Hit
Reported By: Alan Armstrong
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
Occurrence Desc: upgrades to house
Damage Reason: Excavation practices not sufficient
Notes: imprudent excavation

10	1 of 1	SE/88.9	75.8 / 1.89	Francis Fuels<UNOFFICIAL> 9 ROCK AVE.<UNOFFICIAL> Ottawa ON K1M 1A5	SPL

Ref No: 0087-5XZSCS
Year:
Incident Dt: 4/13/2004
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/13/2004
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: 9 ROCK AVE.<UNOFFICIAL>
Site Address:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name: Francis Fuels<UNOFFICIAL>
Client Type:
Source Type:
Incident Cause: Valve / Fitting Leak Or Failure
Incident Preceding Spill:
Incident Reason: Equipment Failure
Incident Summary: Francis Fuel,2 L furnace oil to ashpalt,clnd up
Environment Impact: Not Anticipated
Health Env Consequence:
Nature of Impact: Soil Contamination
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code: 13
Contaminant Name: FURNACE OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Other
SAC Action Class: Spill to Land
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group: Oil
Impact to Health:
Agency Involved:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	1 of 1	ENE/98.2	72.7 / -1.24	R.M. OF OTTAWA-CARLETON MARIPOSA RD/ACACIA AVE. ROCKCLIFFE PARK VILL. ON	CA

Certificate #:	7-0189-97-
Application Year:	97
Issue Date:	3/25/1997
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	1 of 2	ENE/98.3	72.7 / -1.24	R.M. OF OTTAWA-CARLETON ACACIA AVE/MARIPOSA AVE. ROCKCLIFFE PARK VILL. ON	CA

Certificate #:	3-0863-95-
Application Year:	95
Issue Date:	7/17/1995
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	2 of 2	ENE/98.3	72.7 / -1.24	ROCKCLIFFE PARK VILLAGE ACACIA AVE/MARIPOSA AVE. ROCKCLIFFE PARK VILL. ON	CA

Certificate #:	7-0631-95-
Application Year:	95
Issue Date:	7/17/1995
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 1	WNW/107.8	69.9 / -4.08	235 Mariposa Avenue, Ottawa ON	PINC

Incident Id:	2808102	**Pipe Material:**	Plastic
Incident No:	651348	**Fuel Category:**	Natural Gas
Incident Reported Dt:		**Health Impact:**	No

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

Type:	FS-Pipeline Incident	**Environment Impact:**	No
Status Code:	Pipeline Damage Reason Est	**Property Damage:**	Yes
Tank Status:	RC Established	**Service Interrupt:**	Yes
Task No:	3461811	**Enforce Policy:**	Yes
Spills Action Centre:		**Public Relation:**	No
Fuel Type:	Natural Gas	**Pipeline System:**	
Fuel Occurrence Tp:	Pipeline Strike	**PSIG:**	50
Date of Occurrence:	8/17/2011 0:00	**Attribute Category:**	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2011/09/12	**Regulator Location:**	Outside
Depth:	39	**Method Details:**	E-mail
Customer Acct Name:			
Incident Address:			
Operation Type:	Construction Site (pipeline strike)		
Pipeline Type:	Service / Riser Distribution Pipeline		
Regulator Type:	Service Regulator (up to 60 psi intake)		
Summary:	235 Mariposa Avenue, Ottawa - 1 ¼" Pipeline Hit		
Reported By:	Armstrong, Alan - Enbridge		
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)		
Occurrence Desc:	Linestrike - Imprudent Excavation		
Damage Reason:	Excavation practices not sufficient		
Notes:	Linestrike - Imprudent Excavation.		

14	1 of 1	WNW/115.9	70.8 / -3.16	**PRIVATE RESIDENCE** **275 SPRINGFIELD DR. ROCKCLIFF PARK (238-8080) FURNACE OIL TANK** **OTTAWA CITY ON K1M 0K8**	SPL

Ref No:	24010	**Municipality No:**	20101
Year:		**Nature of Damage:**	
Incident Dt:	//	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	11/10/1988	**Impact to Health:**	
Dt Document Closed:		**Agency Involved:**	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	OTTAWA CITY		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:			
Client Type:			
Source Type:			
Incident Cause:	OTHER CONTAINER LEAK		
Incident Preceding Spill:			
Incident Reason:	CORROSION		
Incident Summary:	BACKENTRY - UKNOWN AMOUNTOF FUEL OIL TO GROUND FROM HOME STORAGE TANK.		
Environment Impact:			
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:			
Contaminant Qty 1:			
Contaminant Unit:			
Contaminant Code:			

Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

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15 | **1 of 1** | **SW/124.0** | **71.9 / -2.09** | **Ottawa Catholic District School Board**
200 Springfield Road
Ottawa ON K1M 1C2 | **GEN**

Generator Info

Generator No: ON9617737
Approval Years: 07,08
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: Elementary and Secondary Schools

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 611110

Waste Detail(s)

Waste Class: 243
Waste Class Name: PCB'S

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16 | **1 of 1** | **W/129.7** | **68.8 / -5.12** | **160 Manor Avenue**
Ottawa ON K1M 0H2 | **SPL**

Ref No: 7175-8RVKDU
Year:
Incident Dt: 27-FEB-12
Dt MOE Arvl on Scn:
MOE Reported Dt: 27-FEB-12
Dt Document Closed:
Site No:
MOE Response: Referral to others
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: 160 Manor Avenue<UNOFFICIAL>
Site Address: 160 Manor Avenue
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Client Type:	
Source Type:	
Incident Cause:	
Incident Preceding Spill:	
Incident Reason:	
Incident Summary:	TSSA FSB:small furnace fuel leak, 1/4 cup to concrete
Environment Impact:	Not Anticipated
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	
Contaminant Qty 1:	
Contaminant Unit:	
Contaminant Code:	13
Contaminant Name:	FURNACE OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Sewage - Municipal/Private and Commercial
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	
SAC Action Class:	TSSA - Fuel Safety Branch
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

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17 | **1 of 1** | **NW/142.0** | **70.9 / -3.03** | **PRIVATE RESIDENCE**
290 PARK RD ROCKCLIFFE FURNACE OIL TANK
OTTAWA CITY ON K1M 0E1 | **SPL**

Ref No:	204374	**Municipality No:**	20107
Year:		**Nature of Damage:**	
Incident Dt:	6/25/2001	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	6/26/2001	**Impact to Health:**	
Dt Document Closed:		**Agency Involved:**	THIS REPORT FAXED TO TSSA - FSB.
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	OTTAWA CITY		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:			
Client Type:			
Source Type:			
Incident Cause:	OTHER CAUSE (N.O.S.)		
Incident Preceding Spill:			
Incident Reason:	UNKNOWN		
Incident Summary:	PRIVATE RESIDENT: UKN QTYFURNACE OIL TO GROUND ANDBASEMENT. CLEANING. TSSA.		
Environment Impact:	Possible		
Health Env Consequence:			

Nature of Impact:	Soil contamination
Contaminant Qty:	
Contaminant Qty 1:	
Contaminant Unit:	
Contaminant Code:	
Contaminant Name:	
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	
SAC Action Class:	
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

18 **1 of 1** **NW/158.4** **70.9 / -3.09** **ON** **BORE**

Borehole ID:	613806	**Inclin FLG:**	No
OGF ID:	215514981	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	AUG-1971	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	45.449606
Total Depth m:	1.9	**Longitude DD:**	-75.679178
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	446891
Drill Method:	Power auger	**Northing:**	5033122
Orig Ground Elev m:	75.7	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	75.2		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218396679	**Mat Consistency:**	Compact
Top Depth:	.1	**Material Moisture:**	
Bottom Depth:	1.9	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Till	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILT. BROWN,COMPACT. 00004027 HARD,FISSILE. CLAY. GREY,FIRM,FISSILE. CLAY. GREY,SOFT.		

Geology Stratum ID:	218396678	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:	Soil	**Geologic Group:**	
Material 3:		**Geologic Period:**	

Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: UNSPECIFIED.

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: H
Observatio:
Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 063140 NTS_Sheet: 31G05G
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada
Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

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19 ***1 of 3*** ***ESE/160.7*** ***71.9 / -2.08*** ***City of Ottawa***
Princess Avenue
Ottawa ON K1P 1J1
ECA

Approval No: 5052-73XN3H
Approval Date: 2007-06-10
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Princess Avenue
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3415-73WQ5B-14.pdf
PDF Site Location:
MOE District: Ottawa
City:
Longitude: -75.6729
Latitude: 45.446
Geometry X:
Geometry Y:

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19 ***2 of 3*** ***ESE/160.7*** ***71.9 / -2.08*** ***City of Ottawa***
Maple Lane, Lisgar Road, Minto Place, Howick Street, Carleton Street, and Springfield Road
Ottawa ON K2G 6J8
ECA

Approval No: 8436-6B9SBC
Approval Date: 2005-04-12
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: City of Ottawa
Address: Maple Lane, Lisgar Road, Minto Place, Howick Street, Carleton Street, and Springfield Road
Full Address:
Full PDF Link:
PDF Site Location:
MOE District: Ottawa
City:
Longitude: -75.6729
Latitude: 45.446000000000005
Geometry X:
Geometry Y:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	3 of 3	ESE/160.7	71.9 / -2.08	City of Ottawa Ottawa ON K2G 6J8	ECA

Approval No:	6385-79FM52	**MOE District:**	Ottawa
Approval Date:	2007-11-30	**City:**	
Status:	Approved	**Longitude:**	-75.6729
Record Type:	ECA	**Latitude:**	45.446
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	City of Ottawa		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2256-79DV2A-14.pdf		
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	1 of 1	W/168.0	68.9 / -5.08	ON	BORE

Borehole ID:	613801	**Inclin FLG:**	No
OGF ID:	215514976	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	AUG-1971	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	45.447888
Total Depth m:	.9	**Longitude DD:**	-75.680436
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	446791
Drill Method:	Power auger	**Northing:**	5032932
Orig Ground Elev m:	69	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	68.1		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218396665	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:		**Geologic Formation:**	
Material 2:	Asphalt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	ARTIFICIAL.		

Geology Stratum ID:	218396666	**Mat Consistency:**	Hard
Top Depth:	.1	**Material Moisture:**	
Bottom Depth:	.9	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Till	**Geologic Period:**	

Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: SILT. BROWN. ,HARD,FISSURED. BEDROCK. FRACTURED. BEDROCK. 00000 045 00025 099 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 063090 NTS_Sheet: 31G05G
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	1 of 1	SW/168.8	70.9 / -3.06	50 Maple Lane Ottawa ON K1M	EHS

Order No:	23071001573	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	13-JUL-23	**Search Radius (km):**	.25
Date Received:	10-JUL-23	**X:**	-75.67913626
Previous Site Name:		**Y:**	45.44533942
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	1 of 2	NE/169.4	71.2 / -2.78	350 Fernhill Road, Ottawa ON	PINC

Incident Id:		**Pipe Material:**	
Incident No:	846466	**Fuel Category:**	Natural Gas
Incident Reported Dt:		**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:	Pipeline Damage Reason Est	**Property Damage:**	Yes
Tank Status:	RC Established	**Service Interrupt:**	
Task No:	3912899	**Enforce Policy:**	Yes
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2012/08/21	**Regulator Location:**	
Depth:		**Method Details:**	E-mail
Customer Acct Name:			
Incident Address:			
Operation Type:			
Pipeline Type:			
Regulator Type:			

Summary: 350 Fernhill Road, Ottawa - 1 ¼" Pipeline Hit
Reported By: ryan.noble@enbridge.com
Affiliation:
Occurrence Desc:

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

Damage Reason: No notification made to the one call center
Notes:

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22 **2 of 2** **NE/169.4** **71.2 / -2.78** **NEEBING ARENA** **PINC**
350 FERNHILL RD,,OTTAWA,ON,K1M 0W8,CA
ON

Incident Id:
Incident No: 1506128
Incident Reported Dt: 10/24/2014
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: NEEBING ARENA
Incident Address: 350 FERNHILL RD,,OTTAWA,ON,K1M 0W8,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:

---

23 **1 of 5** **SW/172.6** **70.4 / -3.54** **Sisters of Charity of Ottawa** **CA**
50 Maple Lane
Ottawa ON K1M 1G8

Certificate #: 7225-7C7QCP
Application Year: 2008
Issue Date: 2/27/2008
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

23 **2 of 5** **SW/172.6** **70.4 / -3.54** **Couvent Mont Saint Joseph** **GEN**
50 Maple Lane
Ottawa ON K1M 1G8

Generator Info

Generator No: ON7729656
Approval Years: 2011
Status:

Choice of Contact:
Contaminated Fac:
MHSW Facility:

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

PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description:
SIC Code: 813110

---

23 | **3 of 5** | **SW/172.6** | **70.4 / -3.54** | **Soeurs de la CharitU** | **GEN**
50 Maple Lane
Ottawa ON

Generator Info

Generator No: ON9470448
Approval Years: 2013
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description:
Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 623110, 623310

Waste Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Waste Detail(s)

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

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23 | **4 of 5** | **SW/172.6** | **70.4 / -3.54** | **Sisters of Charity of Ottawa** | **ECA**
50 Maple Lane
Ottawa ON K1M 1G8

Approval No: 7225-7C7QCP
Approval Date: 2008-02-27
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Sisters of Charity of Ottawa
Address: 50 Maple Lane
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3015-72CPHE-14.pdf
PDF Site Location:
MOE District: Ottawa
City:
Longitude: -75.67938
Latitude: 45.446163
Geometry X:
Geometry Y:

---

23 | **5 of 5** | **SW/172.6** | **70.4 / -3.54** | **Soeurs de la Charite** | **GEN**
50 Maple Lane
Ottawa ON K1N 5G8

Generator Info

Generator No: ON9470448
Approval Years: 2014
Choice of Contact: CO_ADMIN
Contaminated Fac: No

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

Status:		**MHSW Facility:**	No
PO Box No:		**SIC Code:**	623110, 623310
Country:	Canada		
Co Admin:	Jean Brisson		
Phone No Admin:	613 241 6273 Ext.		
SIC Description:	623110, 623310		

Waste Detail(s)

Waste Class:	312
Waste Class Name:	PATHOLOGICAL WASTES

Waste Detail(s)

Waste Class:	261
Waste Class Name:	PHARMACEUTICALS

---

24 | ***1 of 2*** | ***ENE/187.0*** | ***68.5 / -5.44*** | ***431 ROXBOROUGH AVENUE<UNOFFICIAL> Ottawa ON*** | ***SPL***

Ref No:	0703-5Q6RXE	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	8/6/2003	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	Oil
MOE Reported Dt:	8/6/2003	**Impact to Health:**	
Dt Document Closed:		**Agency Involved:**	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	431 ROXBOROUGH AVENUE<UNOFFICIAL>		
Site Address:			
Site Region:	Eastern		
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:			
Client Type:			
Source Type:			
Incident Cause:			
Incident Preceding Spill:			
Incident Reason:			
Incident Summary:	Private Residence-900 L Furnace Oil to basement.		
Environment Impact:			
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:	900 L		
Contaminant Qty 1:			
Contaminant Unit:	L		
Contaminant Code:	13		
Contaminant Name:	FURNACE OIL		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	Land		
Activity Preceding Spill:			

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

Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

---

24 | ***2 of 2*** | ***ENE/187.0*** | ***68.5 / -5.44*** | ***Golder Associates Ltd***
431 Roxborough Ave.
Ottawa ON K1M 0L3 | ***GEN***

Generator Info

Generator No: ON2805912
Approval Years: 2016
Status:
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description: ENGINEERING SERVICES

Choice of Contact: CO_OFFICIAL
Contaminated Fac: No
MHSW Facility: No
SIC Code: 541330

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

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25 | ***1 of 4*** | ***NNE/189.1*** | ***71.8 / -2.13*** | ***Randy Hicks and Laurie Le Gallais***
316 Acacia Ave
Ottawa ON | ***CA***

Certificate #: 3512-7PVLKT
Application Year: 2009
Issue Date: 3/6/2009
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

25 | ***2 of 4*** | ***NNE/189.1*** | ***71.8 / -2.13*** | ***Randy Hicks and Laurie Le Gallais***
316 Acacia Ave
Ottawa ON | ***CA***

Certificate #: 4178-7WDJZX
Application Year: 2009
Issue Date: 10/2/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:

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

Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

25 | **3 of 4** | **NNE/189.1** | **71.8 / -2.13** | **Randy Hicks and Laurie Le Gallais**
316 Acacia Ave
Ottawa ON K1M 0L9 | **ECA**

Approval No:	3512-7PVLKT	**MOE District:**	Ottawa
Approval Date:	2009-03-06	**City:**	
Status:	Revoked and/or Replaced	**Longitude:**	-75.675026
Record Type:	ECA	**Latitude:**	45.45043
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Randy Hicks and Laurie Le Gallais
Address: 316 Acacia Ave
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2775-7PDR6D-14.pdf
PDF Site Location:

---

25 | **4 of 4** | **NNE/189.1** | **71.8 / -2.13** | **Randy Hicks and Laurie Le Gallais**
316 Acacia Ave
Ottawa ON K1M 0L9 | **ECA**

Approval No:	4178-7WDJZX	**MOE District:**	Ottawa
Approval Date:	2009-10-02	**City:**	
Status:	Approved	**Longitude:**	-75.675026
Record Type:	ECA	**Latitude:**	45.45043
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Randy Hicks and Laurie Le Gallais
Address: 316 Acacia Ave
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1991-7TRJLD-14.pdf
PDF Site Location:

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26 | **1 of 1** | **NNW/197.9** | **69.2 / -4.78** | **CANADIAN WASTE SERVICES INC.**
350 SPRINGFIELD RD, ROCKLISS PARK
PARKING LOT. MOTOR VEHICLE (OPERATING FLUID)
OTTAWA CITY ON K1M 0K7 | **SPL**

Ref No:	155238	**Municipality No:**	20101
Year:		**Nature of Damage:**	
Incident Dt:	5/2/1998	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	5/2/1998	**Impact to Health:**	
Dt Document Closed:		**Agency Involved:**	

Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:

Site Address:	
Site Region:	
Site Municipality:	OTTAWA CITY
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Entity Operating Name:	
Client Name:	
Client Type:	
Source Type:	
Incident Cause:	PIPE/HOSE LEAK
Incident Preceding Spill:	
Incident Reason:	EQUIPMENT FAILURE
Incident Summary:	CANADIAN WASTE SERVICES- 45 L HYDRAULIC OIL TO PARKING LOT, CLEANED UP.
Environment Impact:	POSSIBLE
Health Env Consequence:	
Nature of Impact:	Soil contamination
Contaminant Qty:	
Contaminant Qty 1:	
Contaminant Unit:	
Contaminant Code:	
Contaminant Name:	
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	LAND
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	
SAC Action Class:	
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

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27 | ***1 of 1*** | ***ENE/199.7*** | ***67.4 / -6.53*** | ***Francis Fuels<UNOFFICIAL>***
518 MARIPOSA AVE.<UNOFFICIAL>
Ottawa ON | ***SPL***

Ref No:	4518-5S5LU4	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	10/8/2003	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	Oil
MOE Reported Dt:	10/8/2003	**Impact to Health:**	
Dt Document Closed:		**Agency Involved:**	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	518 MARIPOSA AVE.<UNOFFICIAL>		
Site Address:			
Site Region:	Eastern		
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			

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

Entity Operating Name:	
Client Name:	Francis Fuels<UNOFFICIAL>
Client Type:	
Source Type:	
Incident Cause:	Valve / Fitting Leak Or Failure
Incident Preceding Spill:	
Incident Reason:	Equipment Failure
Incident Summary:	Francis Fuel,15 L furnace oil to ashphalt,clnd
Environment Impact:	Possible
Health Env Consequence:	
Nature of Impact:	Soil Contamination
Contaminant Qty:	15 L
Contaminant Qty 1:	
Contaminant Unit:	L
Contaminant Code:	13
Contaminant Name:	FURNACE OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Transport Truck
SAC Action Class:	Spill to Land
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

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28 | ***1 of 2*** | ***W/203.9*** | ***69.2 / -4.75*** | ***VIDAR INDUSTRIES LTD.***
180 HARWICK ST
ROCKCLIFFE PARK ON K1M 0G8 | ***SCT***

Established:	1947
Plant Size (ft²):	0
Employment:	4

--Details--

Description:	ADHESIVES AND SEALANTS
SIC/NAICS Code:	2891

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28 | ***2 of 2*** | ***W/203.9*** | ***69.2 / -4.75*** | ***VIDAR INDUSTRIES LTD.***
180 Howick St
Rockcliffe Park ON K1M 0G8 | ***SCT***

Established:	1947
Plant Size (ft²):	200
Employment:	2

--Details--

Description:	Adhesive Manufacturing
SIC/NAICS Code:	325520

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29 | ***1 of 1*** | ***NNW/206.5*** | ***68.9 / -5.08*** | ***ON*** | ***WWIS***

Well ID:	7219179	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes

Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	04/14/2014
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	C22319	**Contractor:**	6964
Tag:	A137258	**Form Version:**	8
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

Additional Detail(s) (Map)

Bore Hole ID:	1004731388	**Tag No:**	A137258
Depth M:		**Contractor:**	6964
Year Completed:	2013	**Latitude:**	45.4502486387499
Well Completed Dt:	07/22/2013	**Longitude:**	-75.6782355159815
Audit No:	C22319	**Y:**	45.450248632261406
Path:		**X:**	-75.67823535409045

Bore Hole Information

Bore Hole ID:	1004731388	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446965.00
Code OB Desc:		**North83:**	5033193.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	07/22/2013	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

---

30 | ***1 of 1*** | ***ESE/206.7*** | ***72.9 / -1.08*** | ***sensIRscan Thermography Inc.***
109 Acacia Ave
Ottawa ON K1N 1C5 | ***SCT***

Established:	1987
Plant Size (ft²):	
Employment:	1

--Details--

Description:	Other Printing
SIC/NAICS Code:	323119

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31 | ***1 of 2*** | ***ENE/207.9*** | ***69.8 / -4.19*** | ***Sara Hradecky***
260 Cloverdale Rd
Ottawa ON | ***CA***

Certificate #:	6522-8G5L45
Application Year:	2011
Issue Date:	5/3/2011
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:	

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31 | ***2 of 2*** | ***ENE/207.9*** | ***69.8 / -4.19*** | ***Sara Hradecky*** ***260 Cloverdale Rd*** ***Ottawa ON K1M 0X2*** | ***ECA***

Approval No:	6522-8G5L45	**MOE District:**	Ottawa
Approval Date:	2011-05-03	**City:**	
Status:	Approved	**Longitude:**	-75.673065
Record Type:	ECA	**Latitude:**	45.449806
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Sara Hradecky		
Address:	260 Cloverdale Rd		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6852-8E6JHR-14.pdf		
PDF Site Location:			

---

32 | ***1 of 1*** | ***W/212.8*** | ***68.9 / -5.08*** | ***ON*** | ***BORE***

Borehole ID:	613802	**Inclin FLG:**	No
OGF ID:	215514977	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	AUG-1971	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	45.448335
Total Depth m:	.3	**Longitude DD:**	-75.681081
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	446741
Drill Method:	Power auger	**Northing:**	5032982
Orig Ground Elev m:	69	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	67.1		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218396667	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.2	**Material Texture:**	

Material Color: | ***Non Geo Mat Type:***
Material 1: Unknown | ***Geologic Formation:***
Material 2: Soil | ***Geologic Group:***
Material 3: | ***Geologic Period:***
Material 4: | ***Depositional Gen:***
Gsc Material Description:
Stratum Description: UNSPECIFIED.

Geology Stratum ID: 218396668 | ***Mat Consistency:*** Hard
Top Depth: .2 | ***Material Moisture:***
Bottom Depth: .3 | ***Material Texture:***
Material Color: Brown | ***Non Geo Mat Type:***
Material 1: Sand | ***Geologic Formation:***
Material 2: Silt | ***Geologic Group:***
Material 3: | ***Geologic Period:***
Material 4: | ***Depositional Gen:***
Gsc Material Description:
Stratum Description: SAND. BROWN. HARD,FISSURED. BEDROCK. FRACTURED. BEDROCK. 00000 045 00025 099 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type: Data Survey | ***Source Appl:*** Spatial/Tabular
Source Orig: Geological Survey of Canada | ***Source Iden:*** 1
Source Date: 1956-1972 | ***Scale or Res:*** Varies
Confidence: H | ***Horizontal:*** NAD27
Observatio: | ***Verticalda:*** Mean Average Sea Level
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 063100 NTS_Sheet: 31G05
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier: 1 | ***Horizontal Datum:*** NAD27
Source Type: Data Survey | ***Vertical Datum:*** Mean Average Sea Level
Source Date: 1956-1972 | ***Projection Name:*** Universal Transverse Mercator
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

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33 | ***1 of 1*** | ***W/214.2*** | ***68.9 / -5.08*** | ***187 Mariposa Street, Rockliffe ON*** | ***PINC***

Incident Id: 2815762 | ***Pipe Material:*** Plastic
Incident No: 658966 | ***Fuel Category:*** Natural Gas
Incident Reported Dt: | ***Health Impact:*** No
Type: FS-Pipeline Incident | ***Environment Impact:*** Yes
Status Code: Pipeline Damage Reason Est | ***Property Damage:*** Yes
Tank Status: RC Established | ***Service Interrupt:*** Yes
Task No: 3481290 | ***Enforce Policy:*** Yes
Spills Action Centre: 8044-8LUKJD | ***Public Relation:*** No
Fuel Type: Natural Gas | ***Pipeline System:***
Fuel Occurrence Tp: Pipeline Strike | ***PSIG:*** 45
Date of Occurrence: 9/19/2011 0:00 | ***Attribute Category:*** FS-Perform P-line Inc Invest
Occurrence Start Dt: 2011/09/19 | ***Regulator Location:*** Outside
Depth: 24 | ***Method Details:*** E-mail
Customer Acct Name:
Incident Address:
Operation Type: Construction Site (pipeline strike)
Pipeline Type: Main Distribution Pipeline
Regulator Type: Service Regulator (up to 60 psi intake)
Summary: 187 Mariposa Street, Rockliffe - 2" Pipeline Hit
Reported By: Bruce Rozycki - Enbridge Gas Distribution

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

Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
Occurrence Desc:	Mech excavator was pulling material towards exposed gas line when a large object caught the line, damaging it.
Damage Reason:	Excavation practices not sufficient
Notes:	2 inch main broken by the 1/2 service valve being pulled off by excavator

---

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	1 of 2	S/225.4	71.9 / -2.08	PRIVATE RESIDENCE 6 LINDENLEA ROAD FURNACE OIL TANK OTTAWA CITY ON K1M 1B6	SPL

Ref No:	121161	**Municipality No:**	20101
Year:		**Nature of Damage:**	
Incident Dt:	11/24/1995	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	11/24/1995	**Impact to Health:**	
Dt Document Closed:		**Agency Involved:**	MCCR
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	OTTAWA CITY		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:			
Client Type:			
Source Type:			
Incident Cause:	PIPE/HOSE LEAK		
Incident Preceding Spill:			
Incident Reason:	EQUIPMENT FAILURE		
Incident Summary:	PRIVATE RESIDENCE-1.0 M3 FURNACE OIL TO GROUND UNDER BASEMENT FLOOR.		
Environment Impact:	POSSIBLE		
Health Env Consequence:			
Nature of Impact:	Soil contamination		
Contaminant Qty:			
Contaminant Qty 1:			
Contaminant Unit:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			
Call Report Locatn Geodata:			
Time Reported:			
System Facility Address:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	2 of 2	S/225.4	71.9 / -2.08	ESSO HOME COMFORT 6 LINDENLEA ROAD 605 INDUSTRIAL ST.	SPL

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

OTTAWA, ONTARIO
OTTAWA CITY ON K1M 1B6

Ref No:	121561	**Municipality No:**	20101
Year:		**Nature of Damage:**	
Incident Dt:	12/6/1995	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	12/7/1995	**Impact to Health:**	
Dt Document Closed:		**Agency Involved:**	MCCR
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	OTTAWA CITY		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:			
Client Type:			
Source Type:			
Incident Cause:	PIPE/HOSE LEAK		
Incident Preceding Spill:			
Incident Reason:	ERROR		
Incident Summary:	ESSO HOME COMFORT: 46 L FURNACE OIL TO GROUND UNDER BASEMENT FLOOR.		
Environment Impact:	POSSIBLE		
Health Env Consequence:			
Nature of Impact:	Soil contamination		
Contaminant Qty:			
Contaminant Qty 1:			
Contaminant Unit:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			
Call Report Locatn Geodata:			
Time Reported:			
System Facility Address:			

---

35 | ***1 of 1*** | ***WNW/229.9*** | ***69.9 / -4.08*** | ***ON*** | ***BORE***

Borehole ID:	613805	**Inclin FLG:**	No
OGF ID:	215514980	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	AUG-1971	**Municipality:**	
Static Water Level:		**Lot:**	

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

Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.449416
Total Depth m:	.7	**Longitude DD:**	-75.680838
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	446761
Drill Method:		**Northing:**	5033102
Orig Ground Elev m:	70.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	70.6		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218396676	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:	Soil	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED.		

Geology Stratum ID:	218396677	**Mat Consistency:**	Firm
Top Depth:	.1	**Material Moisture:**	
Bottom Depth:	.7	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Till	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND. BROWN. LAY. BROWN,VERY HARD,FISSILE. CLAY. GREY,FIRM,FISSILE. CLAY. GREY,SOFT.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 063130 NTS_Sheet: 31G05G		
Confiden 1:			

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

36	*1 of 1*	*NE/230.0*	*63.3 / -10.64*	***320 Cloverdale Rd, Ottawa OTTAWA ON***	***SPL***

Ref No:	1-1T9NR0	**Municipality No:**	

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

Year:		**Nature of Damage:**	
Incident Dt:	5/19/2022 8:07:20 AM	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	5/19/2022 8:26:46 AM	**Impact to Health:**	0 No Impact
Dt Document Closed:		**Agency Involved:**	
Site No:			
MOE Response:	Desktop Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa District Office		
Nearest Watercourse:			
Site Name:			
Site Address:	320 Cloverdale Rd, Ottawa		
Site Region:			
Site Municipality:	OTTAWA		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:			
Client Type:			
Source Type:	Truck - Transport/Hauling		
Incident Cause:			
Incident Preceding Spill:	Accident/Collision		
Incident Reason:	Road conditions		
Incident Summary:	Ottawa311: TT tank pierced, leaking diesel to road/sewer		
Environment Impact:	1 Minor Impact		
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:	400 litre (L)		
Contaminant Qty 1:			
Contaminant Unit:			
Contaminant Code:			
Contaminant Name:	DIESEL FUEL		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	Land		
Activity Preceding Spill:	Transportation		
Property 2nd Watershed:	Lower Ottawa		
Property Tertiary Watershed:	02LA-Rideau		
Sector Type:	GENERAL FREIGHT TRUCKING, LOCAL		
SAC Action Class:			
Call Report Locatn Geodata:	{"integration_ids":["PR00003869012"],"wkts":["POINT (-75.6730280000 45.4502438000)"],"creation_date":"2022-05-19"}		
Time Reported:			
System Facility Address:			

37	***1 of 2***	***SW/232.9***	***71.0 / -2.95***	***The Regional Group*** ***11 Durham Private C.C.C. #496*** ***Ottawa ON K1M 2H7***	***GEN***

Generator Info

Generator No:	ON3255169	**Choice of Contact:**	
Approval Years:	05	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	531310
Country:			

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

Co Admin:
Phone No Admin:
SIC Description: Real Estate Property Managers

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

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37 **2 of 2** **SW/232.9** **71.0 / -2.95** **11 Durham Private Ottawa ON** **SPL**

Ref No: 6082-87SQKH
Year:
Incident Dt:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/28/2010
Dt Document Closed: 9/18/2010
Site No:
MOE Response: No Field Response
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Side of road<UNOFFICIAL>
Site Address:
Site Region:
Site Municipality:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: Pipe Or Hose Leak
Incident Preceding Spill:
Incident Reason: Other - Reason not otherwise defined
Incident Summary: BND Cleaning, 15L of diesel to CB, clng
Environment Impact: Not Anticipated
Health Env Consequence:
Nature of Impact: Soil Contamination
Contaminant Qty: 20 L
Contaminant Qty 1: 20
Contaminant Unit: L
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Motor Vehicle
SAC Action Class: Land Spills
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	1 of 1	ENE/236.6	66.3 / -7.64	526 MARIPOSA AVENUE ROCKCLIFFE ON K1M 0S4	HINC

External File Num: FS INC 0905-02726
Fuel Occurrence Type: Pipeline Strike
Date of Occurrence: 5/9/2009
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: Yes
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.)
County Name: Ottawa
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
39	1 of 2	ENE/237.4	64.9 / -9.08	PRIVATE RESIDENCE 451 ROXBOROUGH FURNACE OIL TANK ROCKCLIFFE PARK VILL. ON K1M 0L3	SPL

Ref No: 5841
Year:
Incident Dt: 6/29/1988
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/29/1988
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: ROCKCLIFFE PARK VILL.
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: ABOVE-GROUND TANK LEAK
Incident Preceding Spill:
Incident Reason: CORROSION
Incident Summary: CORRODED FURNACE OIL TANKLEAK 12 L FUEL TO GROUND
Environment Impact:
Health Env Consequence:
Nature of Impact:
Municipality No: 20502
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

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

Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

39	*2 of 2*	*ENE/237.4*	*64.9 / -9.08*	***SHELL CANADA PRODUCTS LTD.*** ***451 OR 460 ROXBOROUGH ST., ROCKLIFFE PARK. TANK TRUCK (CARGO)*** ***GLOUCESTER CITY ON K1M 0L3***	*SPL*

Ref No: 30475
Year:
Incident Dt: 2/1/1990
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/1/1990
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: GLOUCESTER CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: PIPE/HOSE LEAK
Incident Preceding Spill:
Incident Reason: ERROR
Incident Summary: SHELL -20 L. FURNACE FUELTO GROUND FROM FILLER HOSE, CONTAINED.
Environment Impact: NOT ANTICIPATED
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Municipality No: 20105
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

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40 ***1 of 3*** ***ENE/244.1*** ***64.3 / -9.66*** ***City of Ottawa***
Lisgar Road, from Buena Vista Road to Mariposa Avenue
Ottawa ON K1P 1J1 ***ECA***

Approval No: 7004-7SESBF
Approval Date: 2009-05-29
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Lisgar Road, from Buena Vista Road to Mariposa Avenue
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9997-7SDKFL-14.pdf
PDF Site Location:

MOE District: Ottawa
City:
Longitude: -75.6725
Latitude: 45.4498
Geometry X:
Geometry Y:

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40 ***2 of 3*** ***ENE/244.1*** ***64.3 / -9.66*** ***City of Ottawa***
Lisgar Road, from Buena Vista Road to Mariposa Avenue
Ottawa ON K1P 1J1 ***ECA***

Approval No: 8435-7SDHUH
Approval Date: 2009-05-25
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: City of Ottawa
Address: Lisgar Road, from Buena Vista Road to Mariposa Avenue
Full Address:
Full PDF Link:
PDF Site Location:

MOE District: Ottawa
City:
Longitude: -75.6725
Latitude: 45.4498
Geometry X:
Geometry Y:

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40 ***3 of 3*** ***ENE/244.1*** ***64.3 / -9.66*** ***City of Ottawa***
Lisgar Road, from Buena Vista Road to Mariposa Avenue
Ottawa ON K1P 1J1 ***ECA***

Approval No: 6147-7UPKWW
Approval Date: 2009-08-17
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS

MOE District: Ottawa
City:
Longitude: -75.6725
Latitude: 45.4498
Geometry X:
Geometry Y:

Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name:	City of Ottawa
Address:	Lisgar Road, from Buena Vista Road to Mariposa Avenue
Full Address:	
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2670-7S9QZQ-14.pdf
PDF Site Location:	

Unplottable Summary

Total: 7 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 1 Con Junction Gore	City of Ottawa ON	
CA	R.M. OF OTTAWA-CARLETON SPRINGFIELD RD.	SPRINGFIELD RD.	OTTAWA CITY ON	
CA	OTTAWA CITY	GLENWOOD AVENUE	ROCKCLIFFE PARK VILL. ON	
CA	City of Ottawa	Acacia Avenue	Ottawa ON	
CA	OTTAWA CITY SPRINGFIELD RD.	SPRINGFIELD RD.	OTTAWA CITY ON	
ECA	City of Ottawa	Acacia Avenue	Ottawa ON	K2G 6J8
ECA	City of Ottawa	Acacia Avenue	Ottawa ON	K2G 6J8

Unplottable Report

Site: **Database:** AAGR

Lot 1 Con Junction Gore City of Ottawa ON

Type:	Quarry
Region/County:	Ottawa-Carleton
Township:	City of Ottawa
Concession:	Junction Gore
Lot:	1
Size (ha):	1.8
Landuse:	
Comments:	

Site: ***R.M. OF OTTAWA-CARLETON SPRINGFIELD RD.*** **Database:** CA

SPRINGFIELD RD. OTTAWA CITY ON

Certificate #:	7-0672-88-
Application Year:	88
Issue Date:	6/2/1988
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***OTTAWA CITY*** **Database:** CA

GLENWOOD AVENUE ROCKCLIFFE PARK VILL. ON

Certificate #:	3-0975-88-
Application Year:	88
Issue Date:	5/4/1989
Approval Type:	Municipal sewage
Status:	Approved in 1989
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***City of Ottawa*** **Database:** CA

Acacia Avenue Ottawa ON

Certificate #:	9305-5Y4K5F
Application Year:	2004
Issue Date:	4/16/2004
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: ***OTTAWA CITY SPRINGFIELD RD.***
SPRINGFIELD RD. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0761-88-
Application Year: 88
Issue Date: 6/2/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Acacia Avenue Ottawa ON K2G 6J8

Database: ***ECA***

Approval No: 9305-5Y4K5F
Approval Date: 2004-04-16
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Acacia Avenue
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8183-5XTRAK-14.pdf
PDF Site Location:

Site: ***City of Ottawa***
Acacia Avenue Ottawa ON K2G 6J8

Database: ***ECA***

Approval No: 1231-5Y4K88
Approval Date: 2004-04-16
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: City of Ottawa
Address: Acacia Avenue
Full Address:
Full PDF Link:
PDF Site Location:

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

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2024

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-Apr 2024

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-Apr 30, 2024

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: Oct 2023

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-Apr 30, 2024

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 -Feb 2025

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-Apr 2025

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 - Apr 30, 2025

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database (ODHD) is offered by the Province of Ontario's Ministry of Mines. The dataset contains information for over 164,000 percussion, overburden, sonic and diamond-drill holes. The presence of assay results with cutoff values for gold, silver, copper, zinc, lead, nickel and platinum group elements is noted. Drill hole data are compiled from assessment files that have been submitted to the ministry in accordance with the Ontario Mining Act (OMA). Source assessment file numbers are captured for cross reference with the Ontario Assessment File Database (OAFD). 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. 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 2024

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: Oct 2023

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 - Apr 30, 2025

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 - Apr 30, 2025

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 - Apr 30, 2025

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Aug 31, 2024

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: 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, Conservation and Parks (MECP). 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, 2024

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: Oct 2023

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-Jan 2025

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: Oct 2023

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. As of January 1, 2023, businesses and institutions subject to the amended Reg. 347: General – Waste Management are required to report their activities and pay fees through Resource Productivity & Recovery Authority (RPRA) online Hazardous Waste Program Registry (HWPR) rather than the Hazardous Waste Information Network (HWIN) system previously operated by the Ministry of the Environment, Conservation and Parks (MECP). 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-Dec 31, 2024

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-Apr 2024

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 in 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: 31 Oct, 2023

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 31, 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 2025

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 Conservation and Parks (MECP) 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. MECP publicly releases the Environmental Compliance Report (ECR) on the Ontario Data Catalogue. In Ontario, all facilities with regulated wastewater discharges or air emissions under the Ontario Water Resources Act and the Environmental Protection Act must monitor and report any cases where approved operating limits have been exceeded.

Government Publication Date: Dec 31, 2023

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-Nov 2023

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-Feb 28, 2025

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal 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: Feb 2024

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-Feb 28, 2025

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the Ministry of Natural Resources (MNR) handed over to the Ontario Oil, Gas and Salt Resources (OGSR) 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 includes well owner/operator, location, permit issue date, and well cap date, license number, 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 provided for each well record.

Government Publication Date: 1800-Aug 2024

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 - Apr 30, 2025

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 - Apr 30, 2025

Ontario PFAS Spills: Provincial PFAS

This specific list of spills includes those incidents where one or more of the listed contaminants are identified in the PFAS Structure List and/or PFAS Chemicals Without Explicit Structure List made available by the United States Environmental Protection Agency (US EPA), is originally sourced from the Ministry of the Environment, Conservation and Parks spills related data. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Jun 2024; Aug 2024; Oct-Nov 2024

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: Feb 2024

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: Feb 2024

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 in 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

Potential PFAS Handlers from EASR: Provincial PPHA

The Ontario Environmental Activity and Sector Registry (EASR), described in Ontario Regulation 245/11, allows businesses with less complex operations - and hence not requiring an Environmental Compliance Approval - to register their activities with the Ontario Ministry of the Environment, Conservation and Parks (MECP). This list of potential PFAS handlers includes those EASR 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.

Government Publication Date: Jun 30, 2024

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 - Apr 30, 2025

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). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Government Publication Date: 1997-Sept 2001, Oct 2004-Apr 2025

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-Apr 30, 2024

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.

Government Publication Date: 1988-Jun 2024; Aug-Feb 2025

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, 2021

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 2024

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 - Apr 30, 2025

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: Dec 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.

CITY DIRECTORY

Project Property:	*Phase One ESA - Ashbury College* *362 Mariposa Ave* *Ottawa,ON K1M 0T3*
Project No:	*116501019*
Requested By:	*Stantec Consulting Ltd.*
Order No:	*25052700692*
Date Completed:	*June 29, 2025*

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

June 29, 2025
RE: CITY DIRECTORY RESEARCH
362 Mariposa Ave
Ottawa,ON K1M 0T3

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:

362 of Mariposa Avenue

Search Notes:

Mariposa Avenue is also known as 312 Mariposa Avenue in Ottawa. In 1931, the site number is no longer listed, but Ashbury College is listed unnumbered so it has been included as "0" to indicate it is still present.

Search Results Summary

Data from 2012 to 2017 does not include residential information

Date	Source	Comment
2024	DIGITAL BUSINESS DIRECTORY	
2023	DIGITAL BUSINESS DIRECTORY	
2021	DIGITAL BUSINESS DIRECTORY	
2017	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2006-07	VERNONS	
2000	POLKS	
1993-94	POLKS	
1987	MIGHTS	
1981-82	MIGHTS	
1976	MIGHTS	
1971	MIGHTS	
1966	MIGHTS	
1960	MIGHTS	
1955	MIGHTS	
1950	MIGHTS	
1945	MIGHTS	
1941	MIGHTS	
1936	MIGHTS	
1931	MIGHTS	
1924	MIGHTS	
1920	MIGHTS	

2024 MARIPOSA AVENUE

SOURCE: DIGITAL BUSINESS DIRECTORY

362 **ASHBURY COLLEGE**...*SCHOOLS*
362 **ASHBURY COLLEGE STORE**...*SCHOOLS-UNIVERSITIES & COLLEGES ACADEMIC*
362 **CANADIAN GLOBAL HEALTH CTR**...*HEALTH SERVICES*

2023 MARIPOSA AVENUE

SOURCE: DIGITAL BUSINESS DIRECTORY

362 **ASHBURY COLLEGE**...*RELIGIOUS SCHOOLS*
362 **ASHBURY COLLEGE**...*SCHOOLS*
362 **C ROSKE**...*RESIDENTIAL*
362 **CANADIAN GLOBAL HEALTH CTR**...*HEALTH SERVICES*
362 **MARTIN BRODEUR**...*RESIDENTIAL*

2021 MARIPOSA AVENUE

SOURCE: DIGITAL BUSINESS DIRECTORY

362 **ASHBURY COLLEGE**...*SCHOOLS-UNIVERSITIES & COLLEGES ACADEMIC*
362 **C ROSKE**...*RESIDENTIAL*
362 **CANADIAN GLOBAL HEALTH CTR**...*HEALTH SERVICES*
362 **MARTIN BRODEUR**...*RESIDENTIAL*

2017 MARIPOSA AVENUE

SOURCE: DIGITAL BUSINESS DIRECTORY

362 **ASHBURY COLLEGE**...*ELEMENTARY & SECONDARY SCHOOLS*

2012 MARIPOSA AVENUE

SOURCE: DIGITAL BUSINESS DIRECTORY

362 **ASHBURY COLLEGE**...*ELEMENTARY & SECONDARY SCHOOLS*
362 **WESTEINDE CONSTRUCTION LTD**...*NEW SINGLE-FAMILY GENERAL CONTRS*

2006-07 MARIPOSA AVENUE

SOURCE: VERNONS

362 **ASHBURY COLLEGE**
362 **PINCHES C**

2000 MARIPOSA AVENUE

SOURCE: POLKS

362 **ASHBURY COLLEGE**
362 **HARDIE E**
362 **KEYES B**
362 **MARSHALL J**
362 **MCKAY S E**

1993-94 MARIPOSA AVENUE

SOURCE: POLKS

362 **ASHBURY COLLEGE**

1987 MARIPOSA AVENUE

SOURCE: MIGHTS

362 **ASHBURY COLLEGE**
362 **NAPIER R B**

1981-82 MARIPOSA AVENUE

SOURCE: MIGHTS

362 **ASHBURY COLLEGE**
362 **MACOUN A M**
362 **PENTON M H**
362 **SIMPSON G**

1976 MARIPOSA AVENUE

SOURCE: MIGHTS

362 **ASHBURY COLLEGE**

1971 MARIPOSA AVENUE

SOURCE: MIGHTS

362 **ASHBURY COLLEGE**
362 **JOYCE WM A**

1966 MARIPOSA AVENUE

SOURCE: MIGHTS

312 **ASHBURY COLLEGE**
312 **PERRY RONALD H (MARY)**

1960 MARIPOSA AVENUE

SOURCE: MIGHTS

312 **ASHBURY COLLEGE**
312 **PERRY RONALD H MARY**

1955 MARIPOSA AVENUE

SOURCE: MIGHTS

312 **ASHBURY COLLEGE**
312 **PERRY RONALD H (MARY)**

1950 MARIPOSA AVENUE

SOURCE: MIGHTS

312 **ASHBURY COLLEGE**
312 **BRAIN ARTHUR D**
312 **GLASS OGDEN**

1945 MARIPOSA AVENUE

SOURCE: MIGHTS

312 **ARCHDALE NICHOLAS M (DORIS)**
312 **ASHBURY COLLEGE**
312 **BRAIN ARTHUR D (BARBARA)**

1941 MARIPOSA AVENUE

SOURCE: MIGHTS

312 **ARCHDALE NICHOLAS M (DORIS)**
312 **ASHBURY COLLEGE**

1936 MARIPOSA AVENUE

SOURCE: MIGHTS

312 **ASHBURY COLLEGE**
312 **WRIGHT HARRY F (HELEN)**

1931 MARIPOSA AVENUE

SOURCE: MIGHTS

0 **ASHBURY COLLEGE**

1924 MARIPOSA AVENUE

SOURCE: MIGHTS

STREET NOT LISTED

1920 MARIPOSA AVENUE

SOURCE: MIGHTS

STREET NOT LISTED

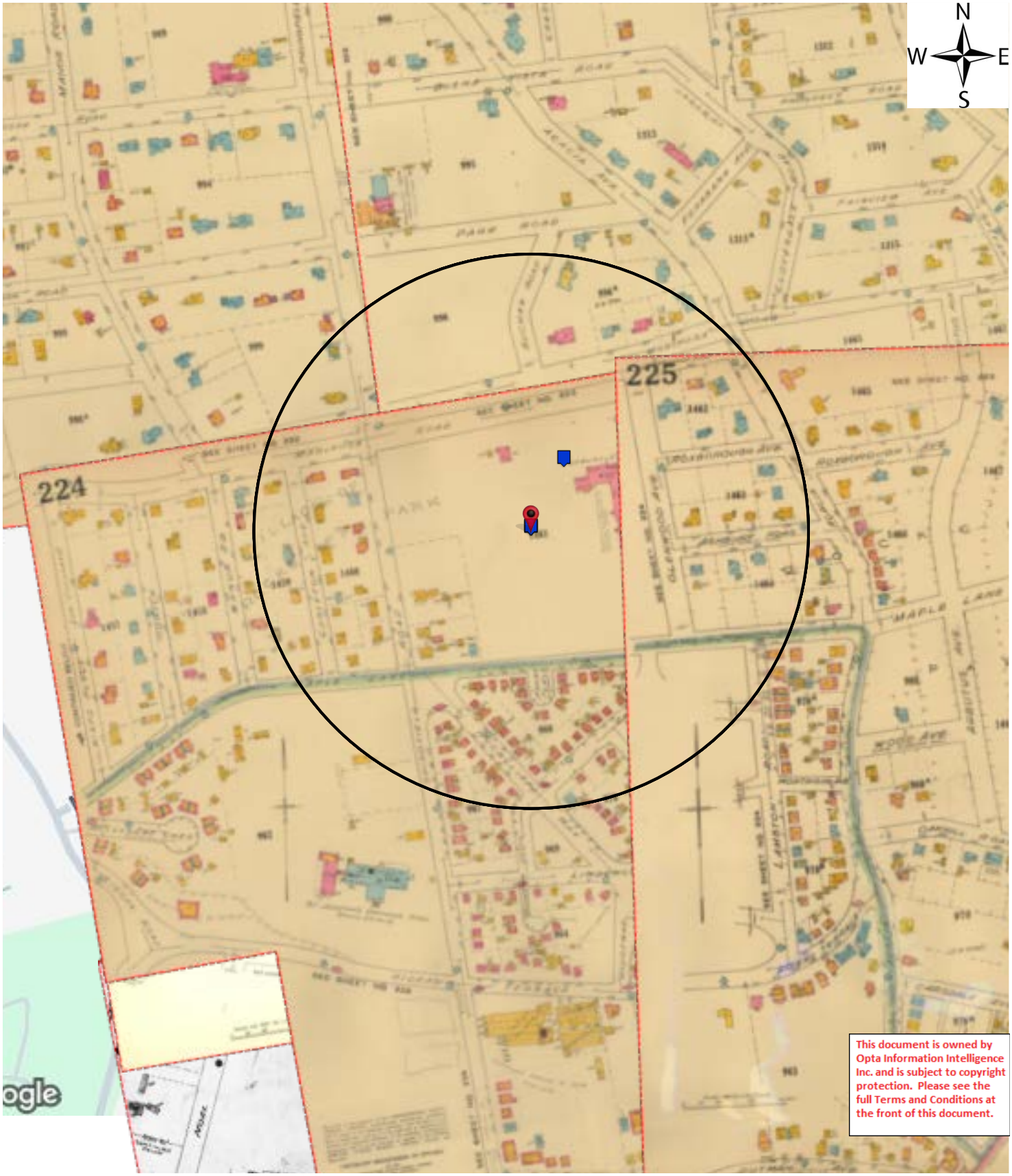
Enviroscan Report

Site address:	362 Mariposa Avenue, Ottawa, ON
Project #:	25052700692
P.O. #:	160506
Requested by:	Eleanor Goolab
Date Completed:	6/25/2025 9:14:22 PM

CONFIDENTIAL

Project #: 25052700692 | P.O. #: 116501019
Requested by: Eleanor Goolab | Date Completed: 06/25/2025 21:14:22

Search Area: 362 Mariposa Avenue, Ottawa, ON



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Project #: 25052700692 | P.O. #: 116501019
Requested by: Eleanor Goolab | Date Completed: 06/25/2025 21:14:22

Historical Environmental Services Enviroscan Terms and Conditions

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 Verisk's records relating to the described property (hereinafter referred to as the "Property"). Verisk 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 Verisk'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. Verisk 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

Verisk 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 Verisk Reports or from any tortious acts or omissions of Verisk's agents, employees or representatives.

Entire Agreement

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

Governing Document

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

Law

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

Project #: 25052700692 | P.O. #: 116501019
Requested by: Eleanor Goolab | Date Completed: 06/25/2025 21:14:22

1948 Volume: Ottawa Firemap: 225
Ottawa Plan: 2992 (1948) | Sheet: 225 (1948)

Page **Report Title**

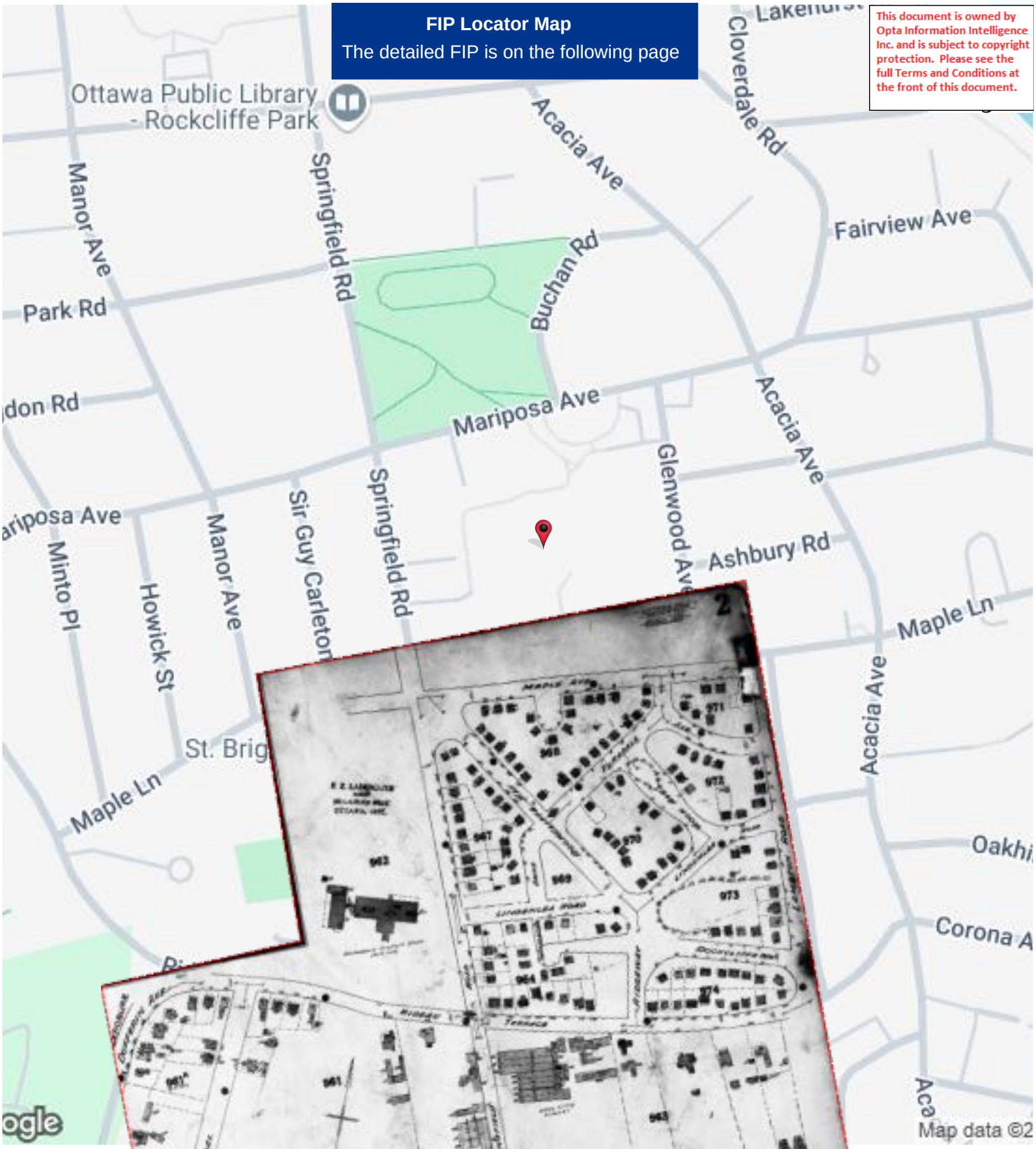
6 (1922) Volume: Ottawa Volume 1 Firemap: 2
8 (1958) Volume: Ottawa Volume 2 Firemap: 222
10 (1958) Volume: Ottawa Volume 2 Firemap: 223
12 (1958) Volume: Ottawa Volume 2 Firemap: 224-1
14 (1958) Volume: Ottawa Volume 2 Firemap: 224-2
16 (1948) Volume: Ottawa Firemap: 222
18 (1948) Volume: Ottawa Firemap: 223
20 (1948) Volume: Ottawa Firemap: 224
22 (1948) Volume: Ottawa Firemap: 225
23 (1995) COPE Report - 1995 ASHBURY COLLEGE 362 MARIPOSA AV ROCKCLIFFE PARK ON K1M 0T3 Reference No: 10866924 (distance = 139 metres*)
26 (1984) Commercial Property Fire Rating Form Report - 1984 362 & Rear 362 Mariposa Avenue (Formerly 362 Mariposa Road) Rockcliffe Park ON K1M0T3 (distance = 0 metres*)
31 (1978) Survey for Rating Fire-Resistive Risks Report - 1978 ASHBURY COLLEGE 362 Mariposa Road Rockcliffe Park ON K1M0T3 (distance = 0 metres*)
35 (1984) Siteplan Report - 1984 ASHBURY COLLEGE 362 & Rear 362 Mariposa Avenue Rockcliffe Park ON K1M0T3 (distance = 0 metres*)
37 (1978) Siteplan Report - 1978 ASHBURY COLLEGE 362 Mariposa Road Rockcliffe Park ON K1M0T3 (distance = 0 metres*)
39 (1984) Commercial Property Fire Inspection Survey Form Report - 1984 ASHBURY COLLEGE 362 & Rear 362 Mariposa Avenue Rockcliffe Park ON K1M0T3 (distance = 0 metres*)

Project #: 25052700692 | P.O. #: 116501019
Requested by: Eleanor Goolab | Date Completed: 06/25/2025 21:14:22

1922 Volume: Ottawa 1 Firemap: 2
Ottawa Volume 1 Plan: 1434 (1902) | Sheet: 2 (1922)

FIP Locator Map
The detailed FIP is on the following page

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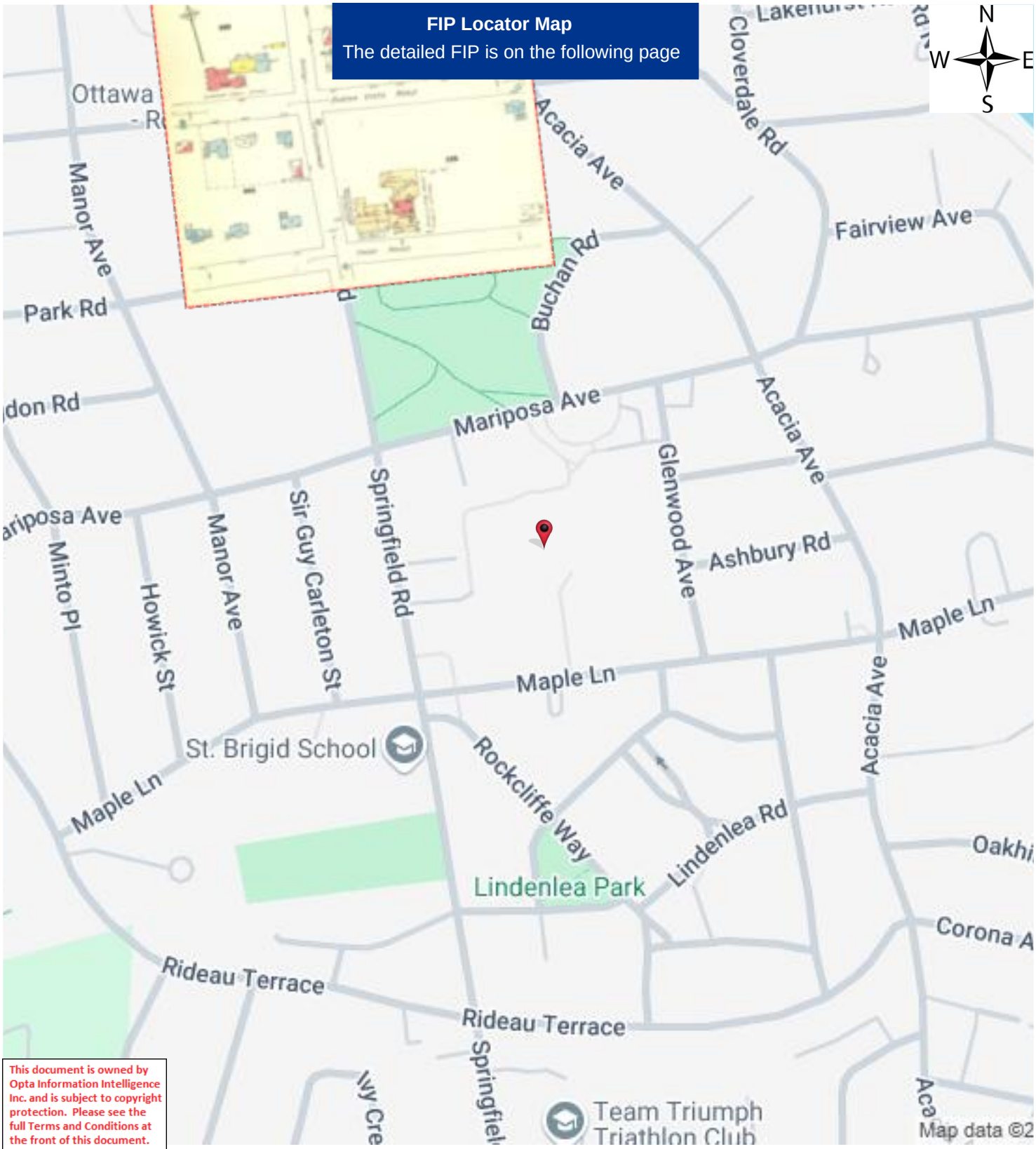
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Requested by: Eleanor Goolab | Date Completed: 06/25/2025 21:14:22

1922 Volume: Ottawa 1 Firemap: 2
Ottawa Volume 1 Plan: 1434 (1902) | Sheet: 2 (1922)



Project #: 25052700692 | P.O. #: 116501019
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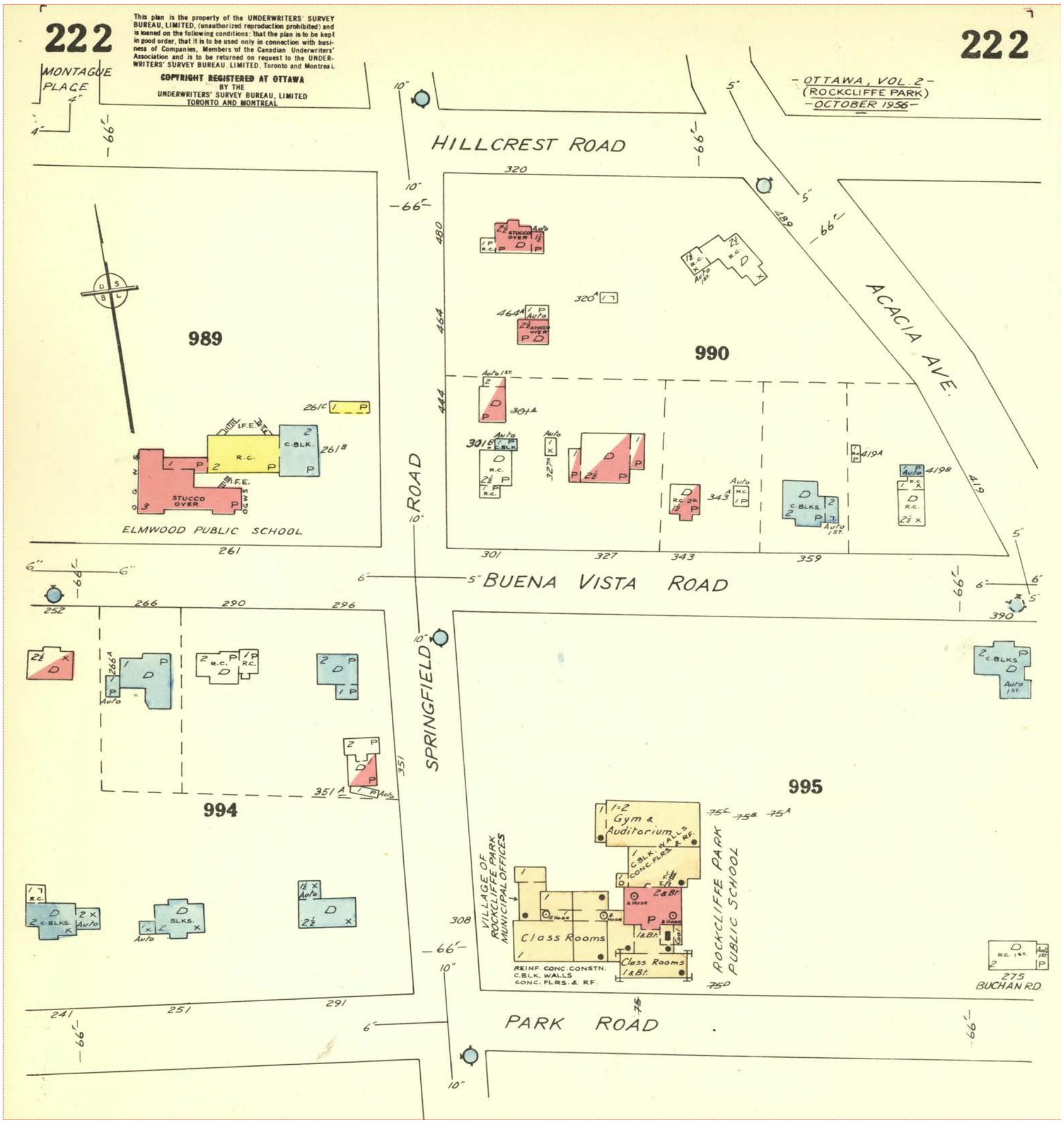
1958 Volume: Ottawa 2 Firemap: 222
Ottawa Volume 2 Plan: 1448 (1956) | Sheet: 222 (1958)



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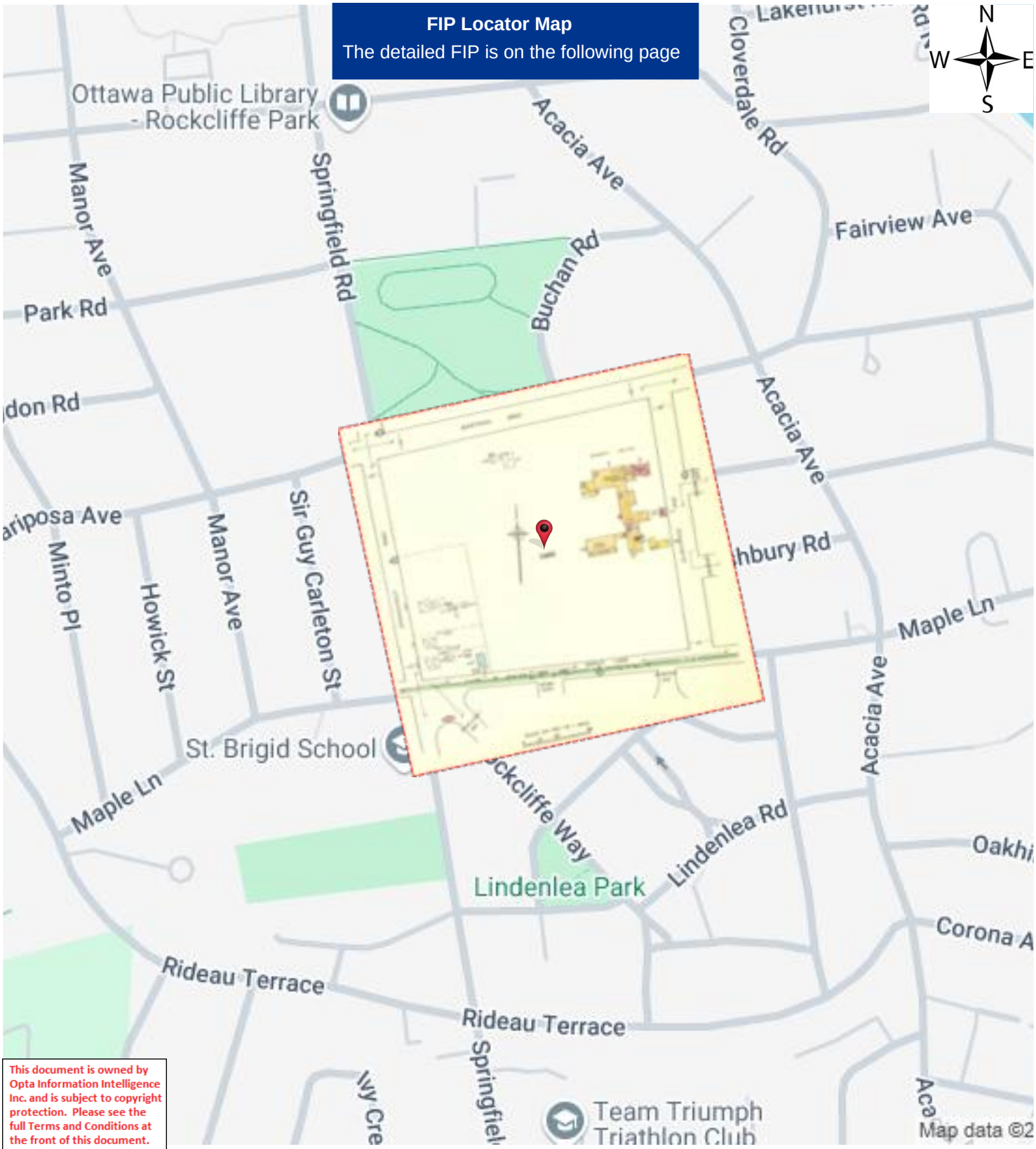
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1958 Volume: Ottawa 2 Firemap: 222
Ottawa Volume 2 Plan: 1448 (1956) | Sheet: 222 (1958)



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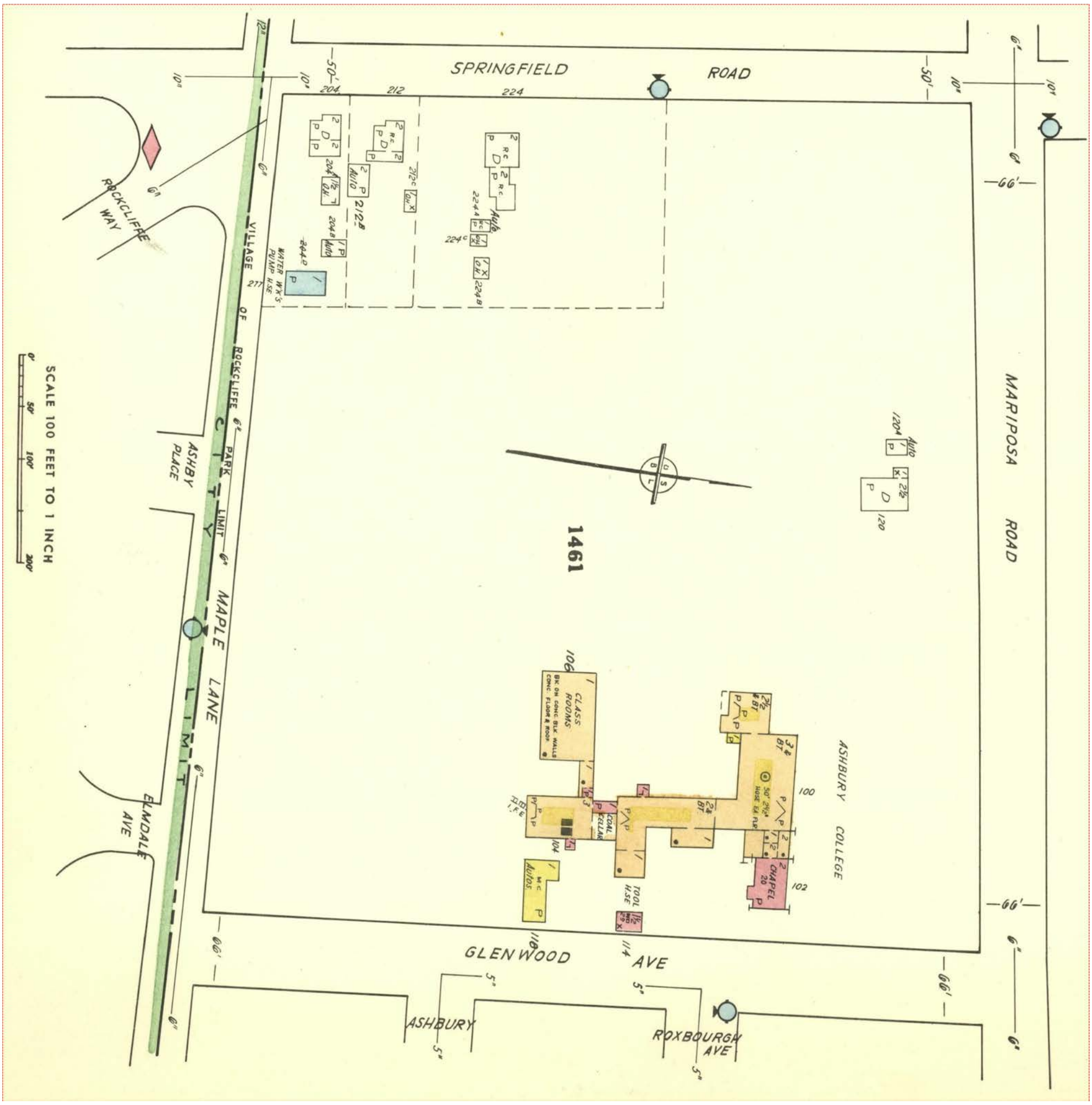
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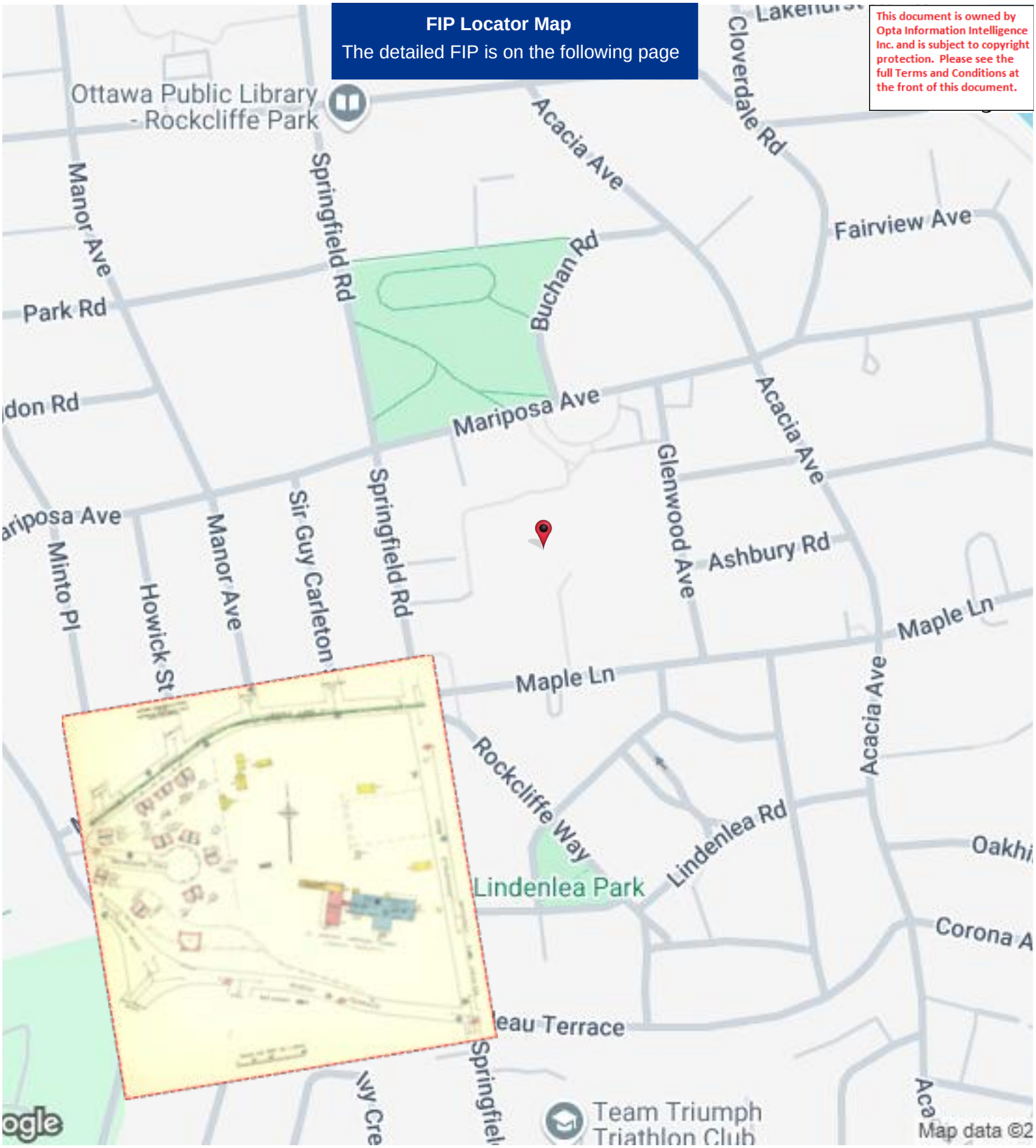
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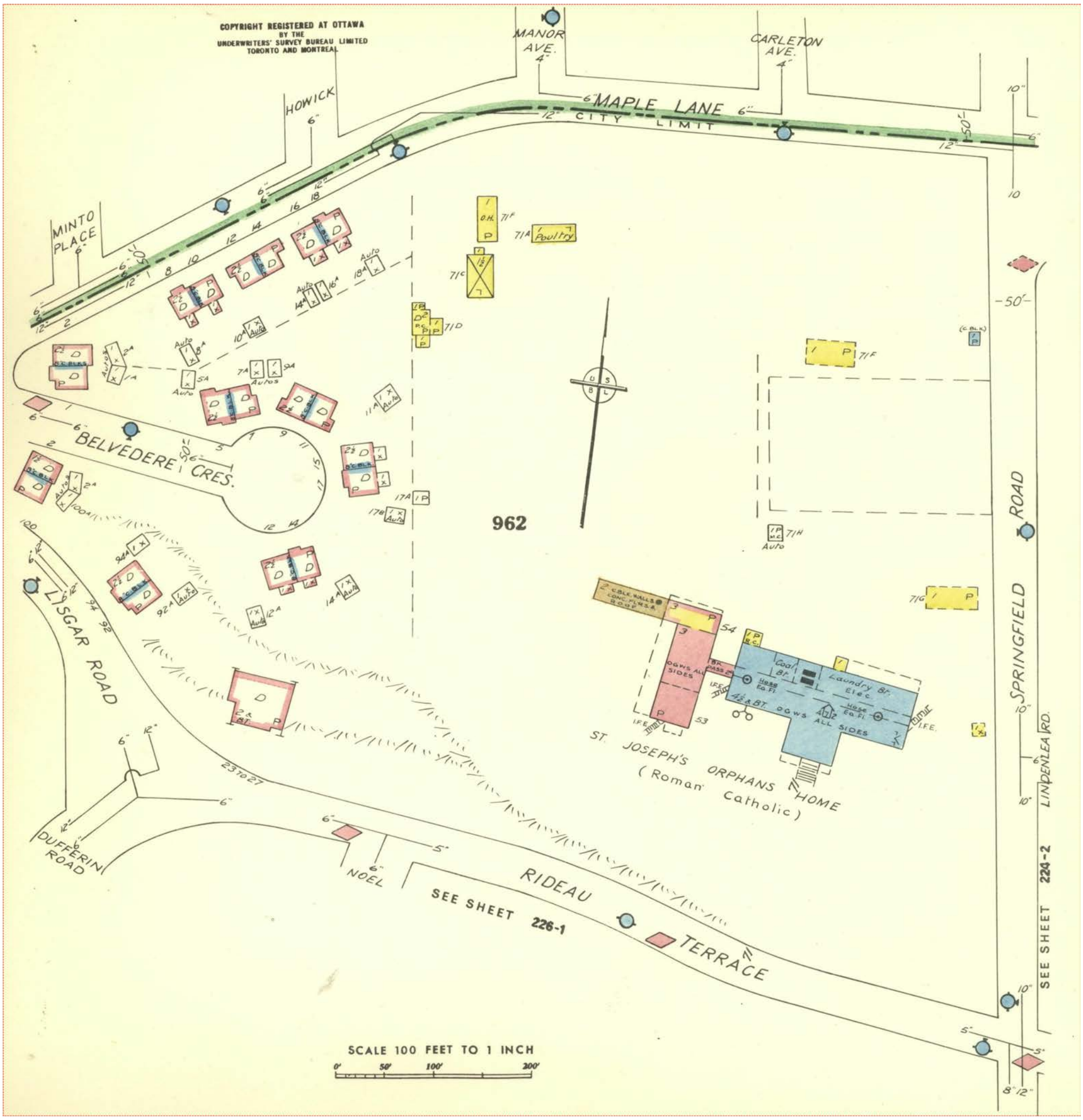
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Ottawa Volume 2 Plan: 1448 (1956) | Sheet: 224-1 (1958)



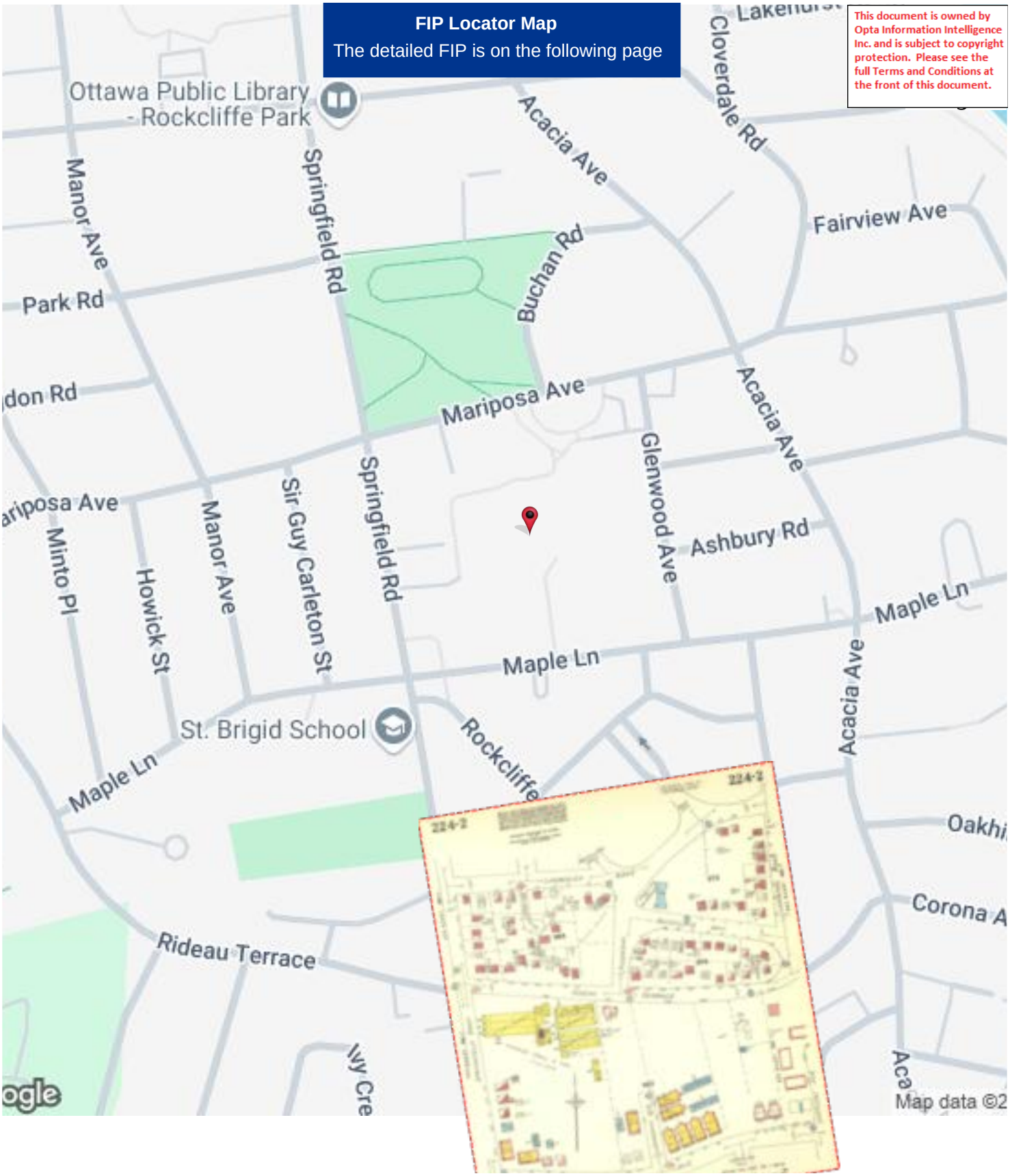
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Ottawa Volume 2 Plan: 1448 (1956) | Sheet: 224-1 (1958)



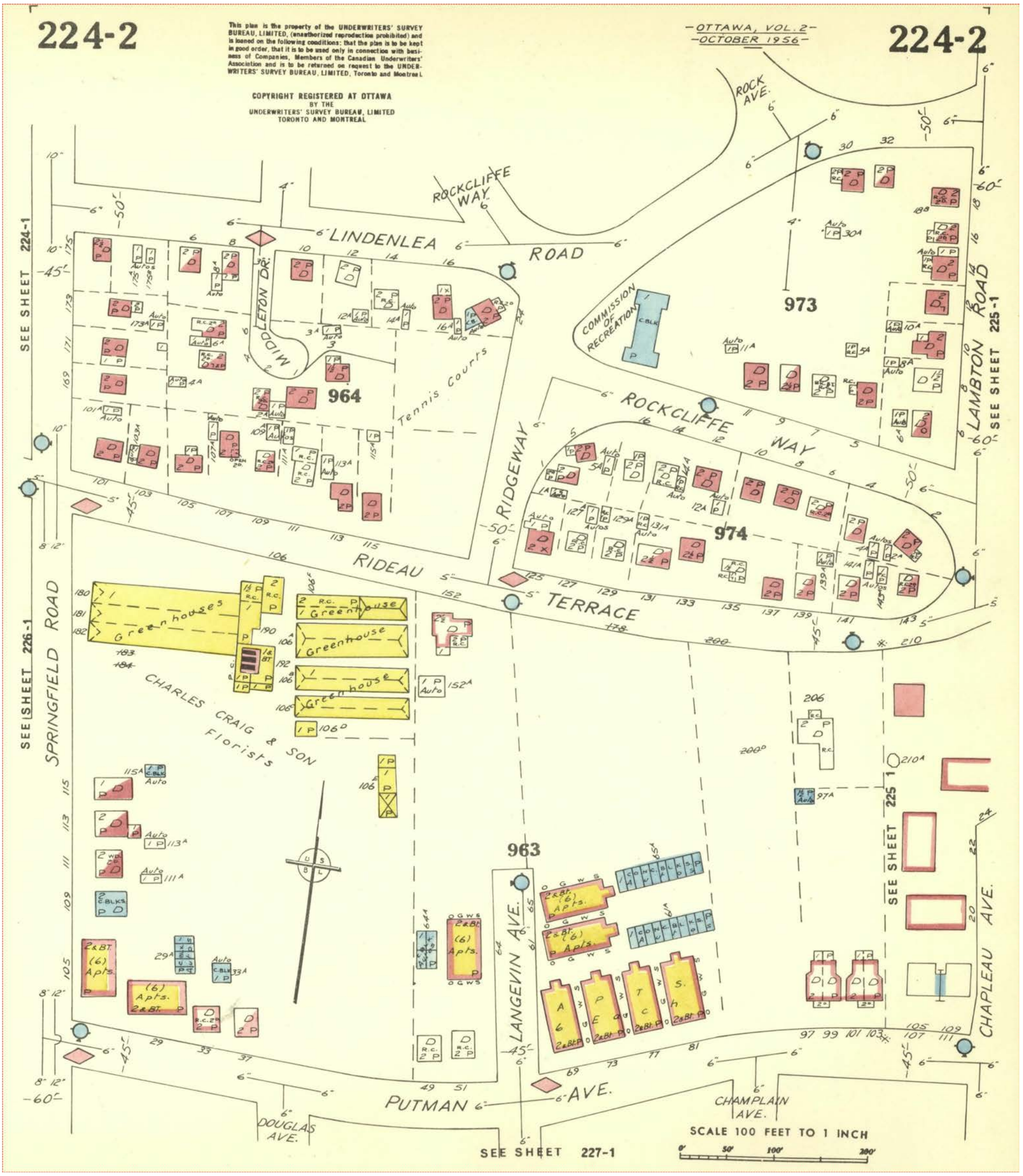
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Ottawa Volume 2 Plan: 1448 (1956) | Sheet: 224-2 (1958)



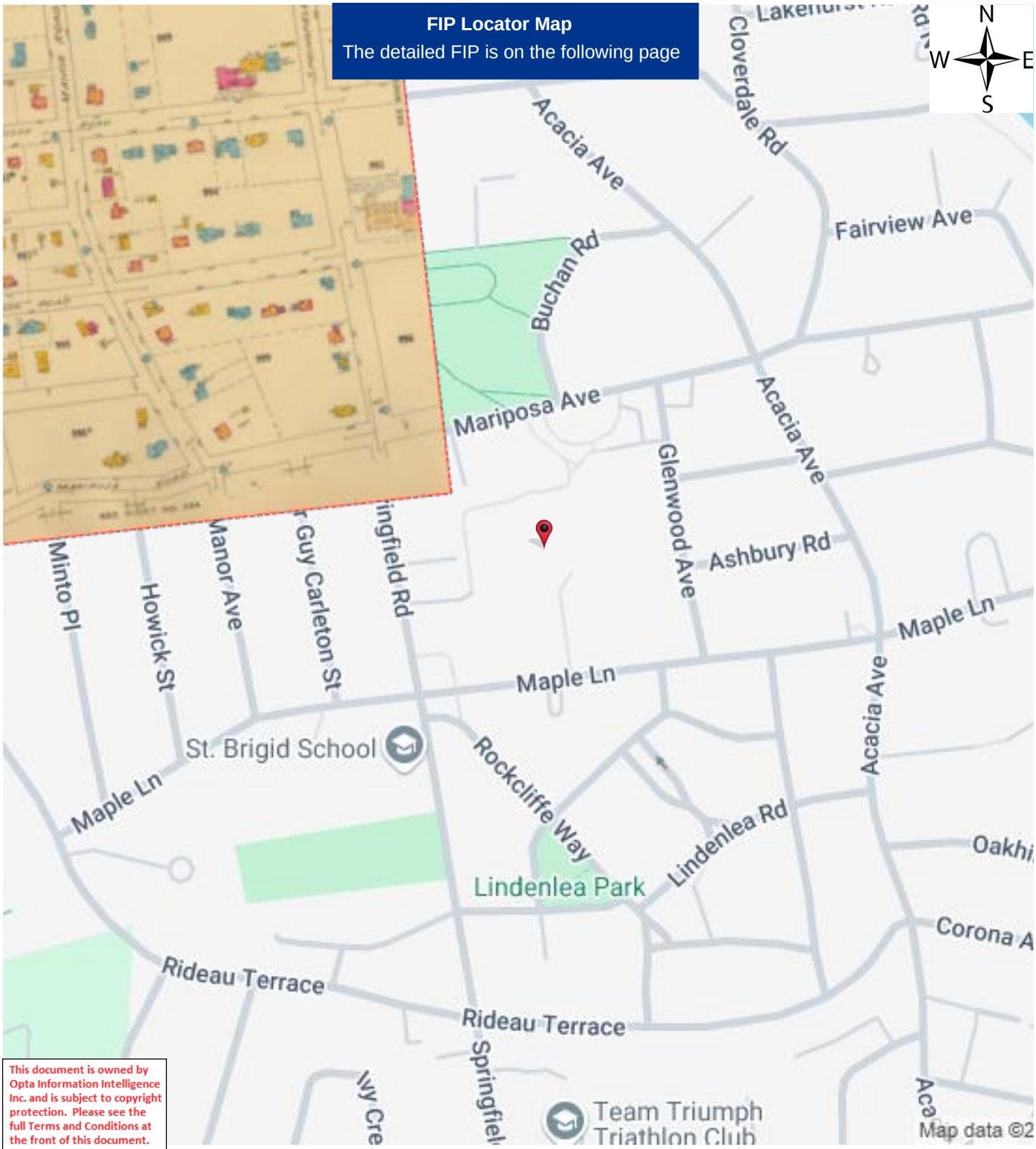
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Ottawa Volume 2 Plan: 1448 (1956) | Sheet: 224-2 (1958)



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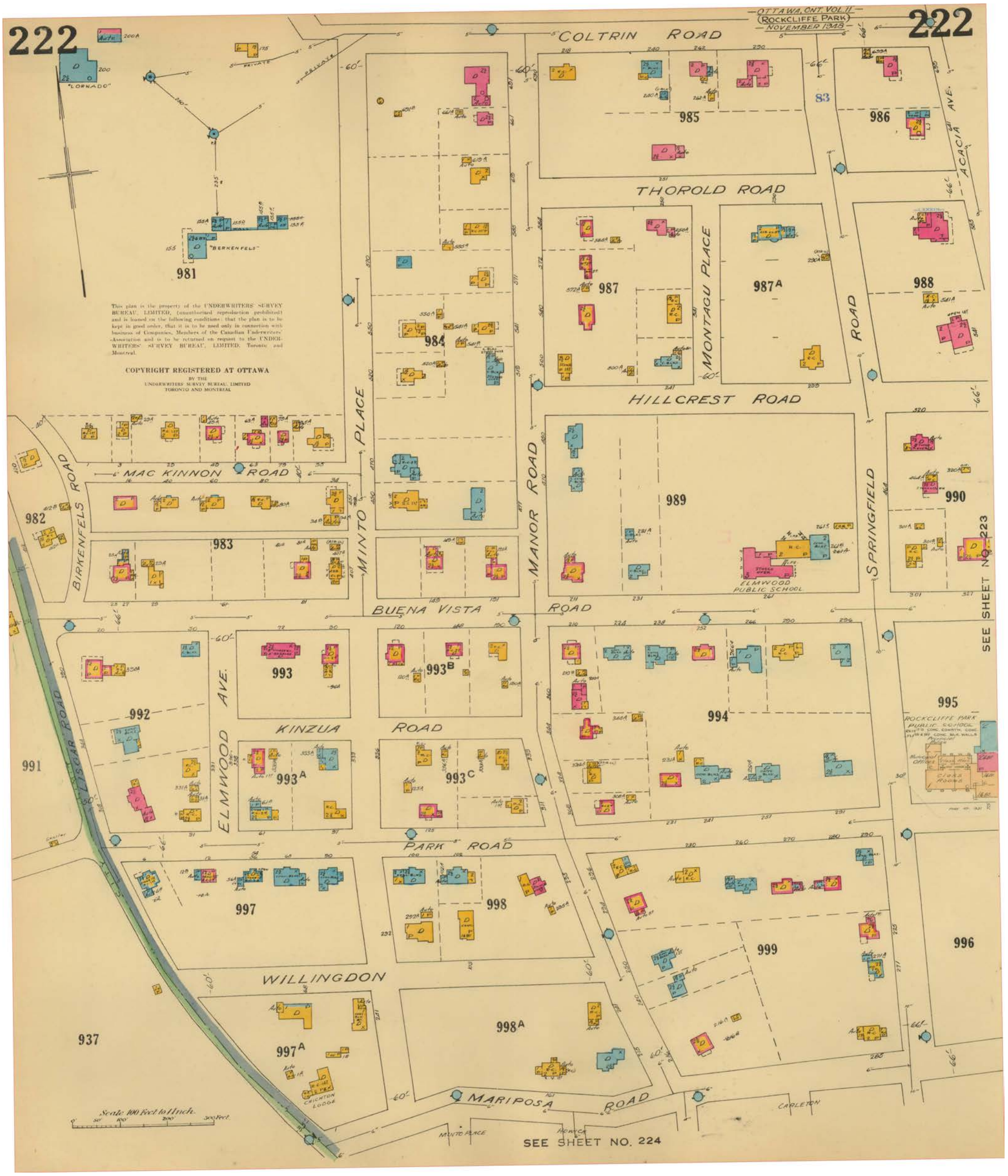
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Ottawa Plan: 2992 (1948) | Sheet: 222 (1948)



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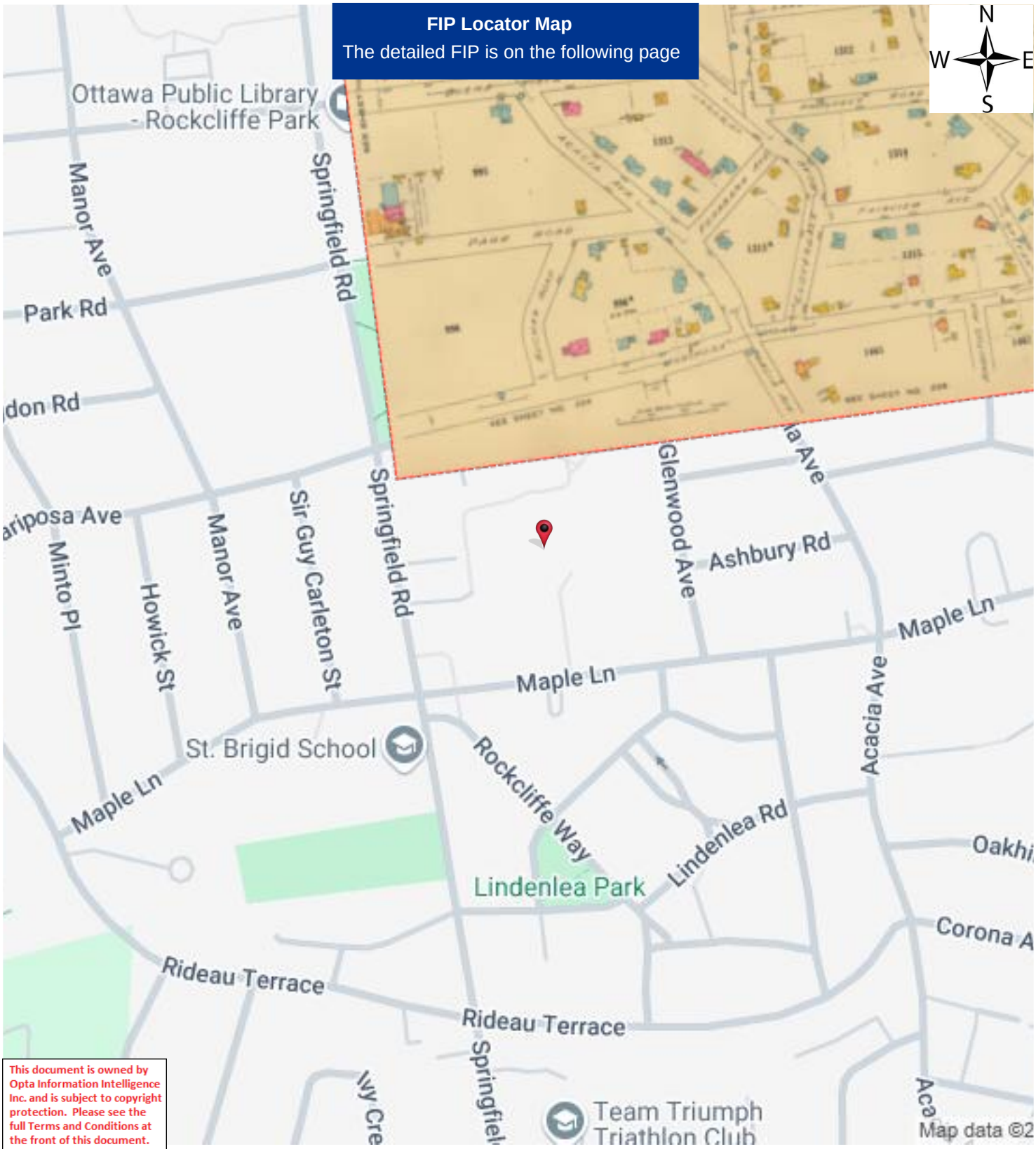
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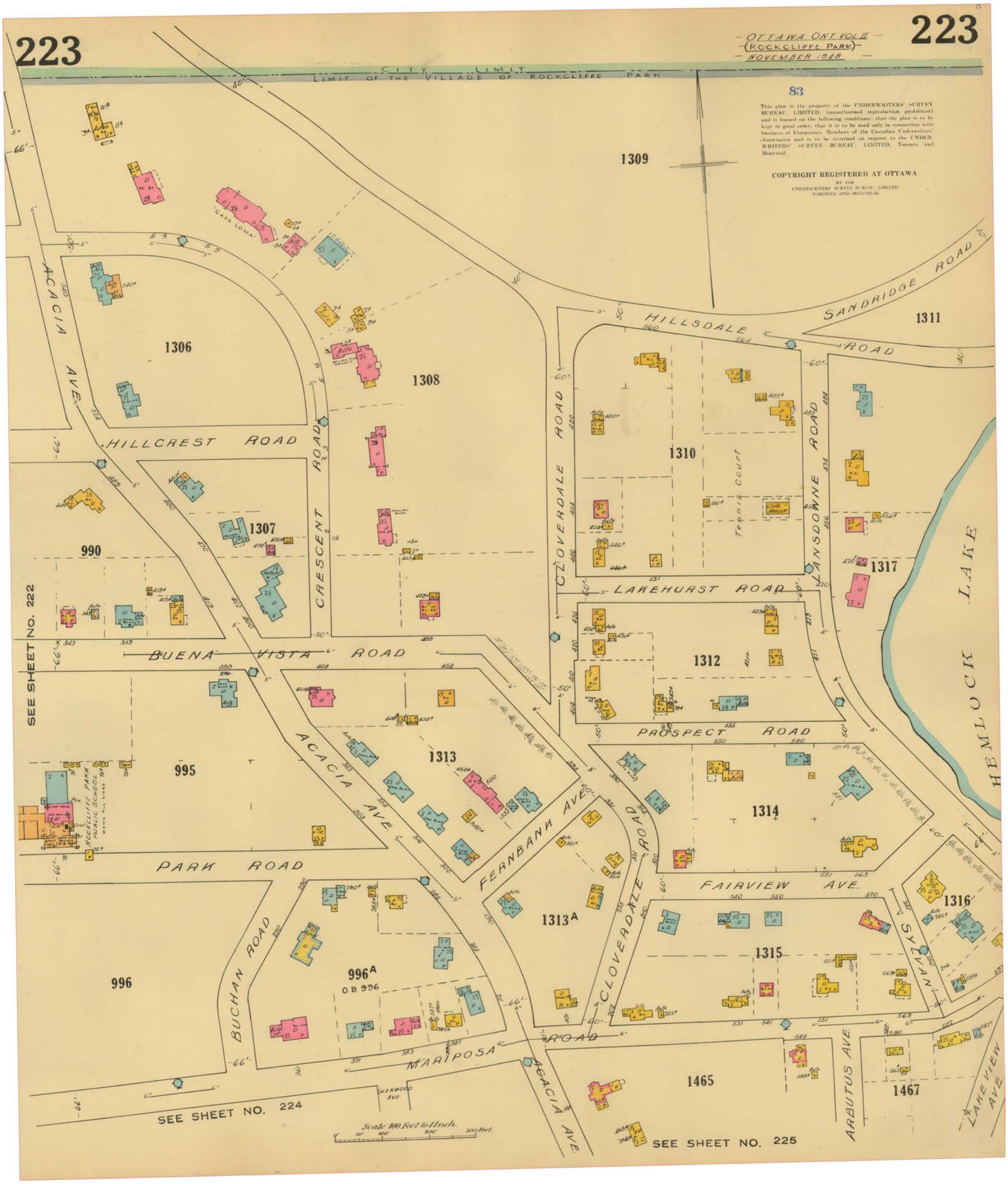
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Ottawa Plan: 2992 (1948) | Sheet: 223 (1948)



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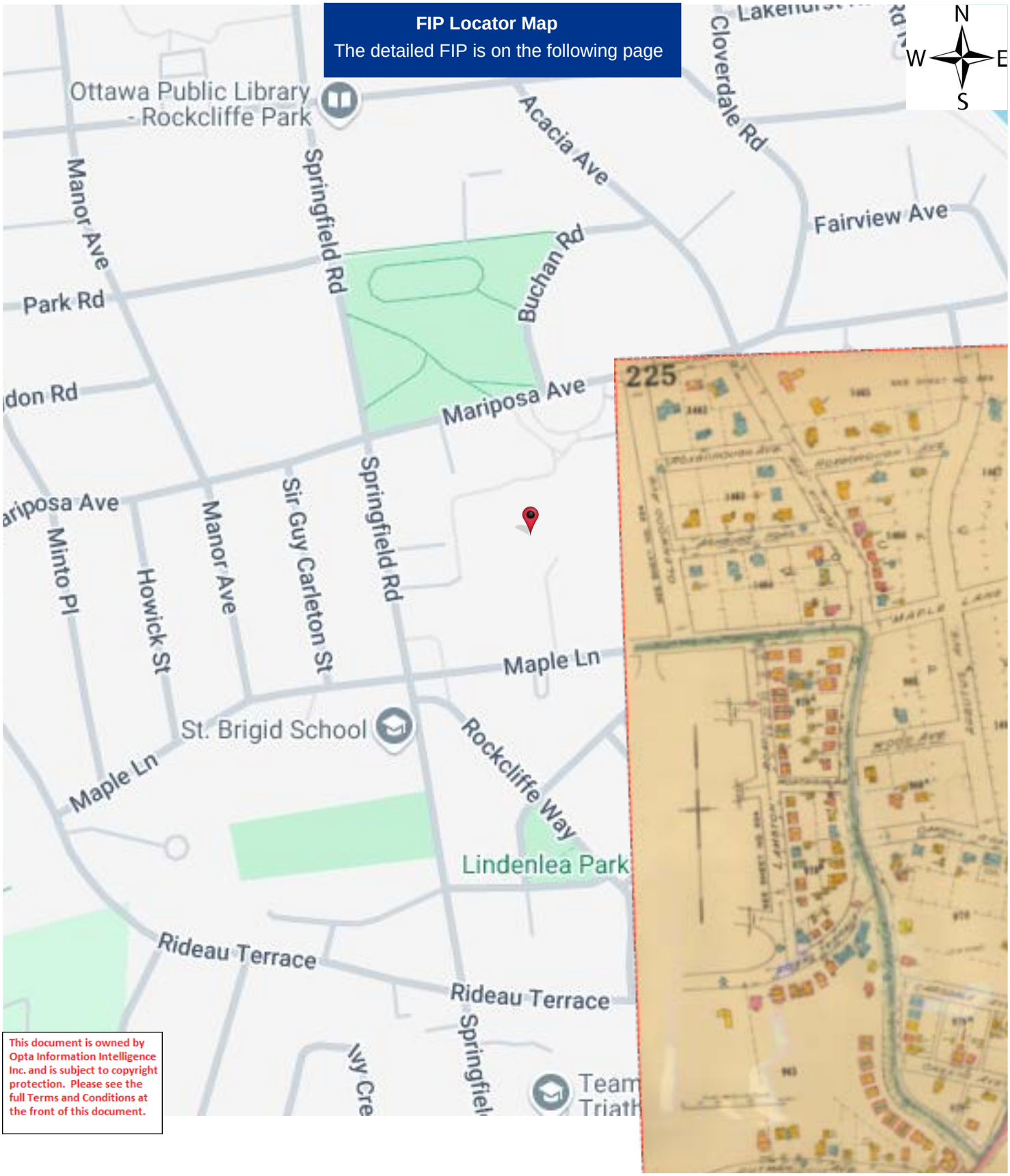
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Project #: 25052700692 | P.O. #: 116501019
Requested by: Eleanor Goolab | Date Completed: 06/25/2025 21:14:22

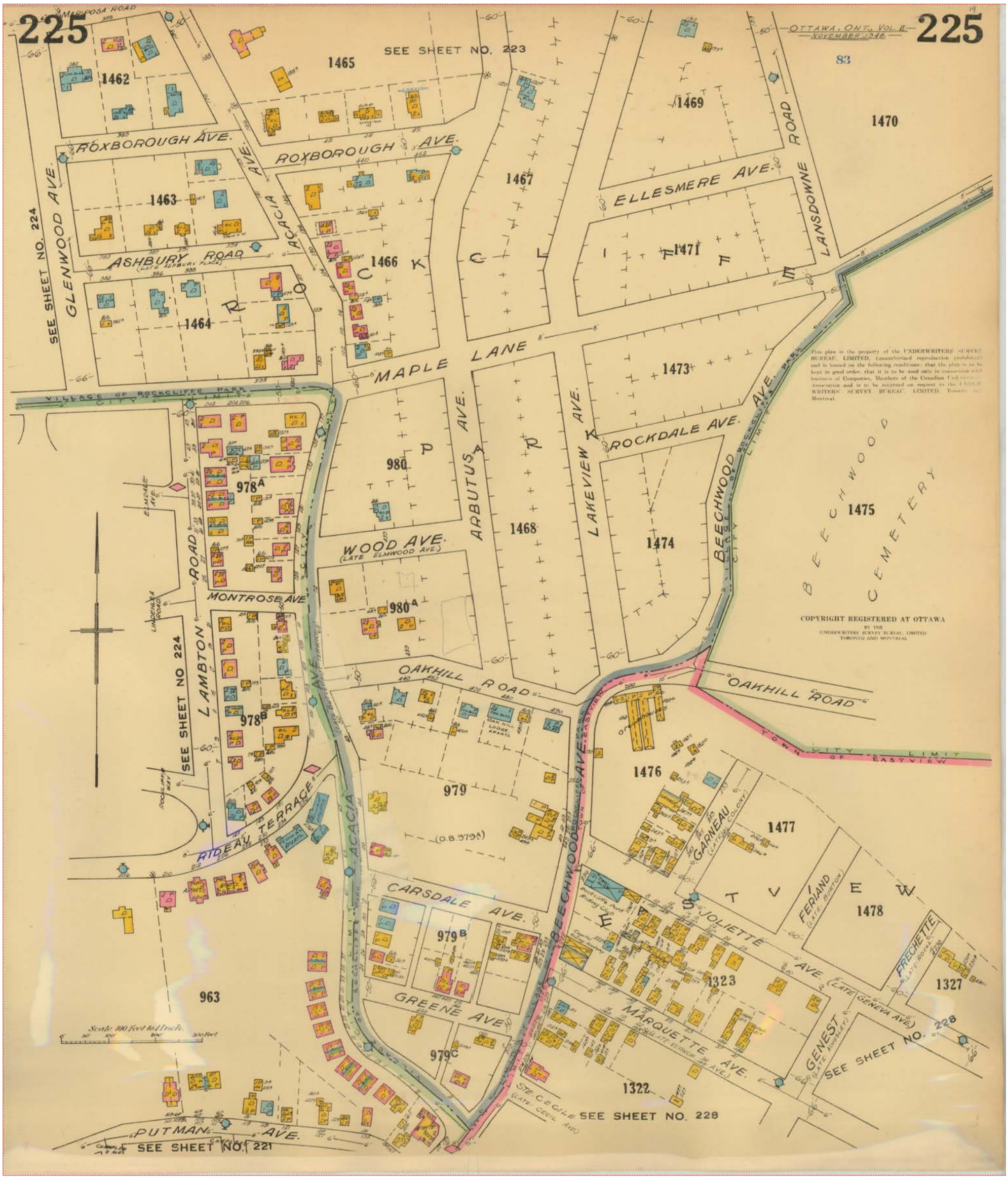
1948 Volume: Ottawa Firemap: 225
Ottawa Plan: 2992 (1948) | Sheet: 225 (1948)



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Project #: 25052700692 | P.O. #: 116501019
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1948 Volume: Ottawa Firemap: 225
Ottawa Plan: 2992 (1948) | Sheet: 225 (1948)



Project #: 25052700692 | P.O. #: 116501019
Requested by: Eleanor Goolab | Date Completed: 06/25/2025 21:14:22

COPE Report - 1995 ASHBURY COLLEGE 362 MARIPOSA AV ROCKCLIFFE PARK ON K1M 0T3 Reference No: 10866924

1995

AIS Ref No.: 10866924

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INSURERS' ADVISORY ORGANIZATION 2009-Jun-18
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COPE (Construction, Occupancy, Protection, Exposure) REPORT

Risk: ASHBURY COLLEGE
362 MARIPOSA AV
ROCKCLIFFE PAR ON
K1M 0T3

Reference No. 10866924 / Building No. 01 ENTIRE BLDG

(Surveyed By J P LAMOUREUX on 95.02.09)

Please note that the information contained in this report was gathered during a physical inspection of the risk by an IAO Loss Control Representative.

If you wish to obtain building or contents rates for this risk, please refer to the Rate Card in the list of products available for this risk. Please call the IAO Help Desk or your local IAO Representative for help in obtaining a rate for this risk, or do it yourself by going to www.iao.ca and using the New X-rate to generate a new rate yourself.

IAO reports, prepared in compliance with commonly accepted risk control standards existing at the time services are rendered, are developed from an inspection of the premises and/or from data supplied by or on behalf of the Purchaser. IAO does not purport to list all hazards. While changes and modifications referred to in the reports are designed to upgrade protection and loss prevention of the premises, IAO assumes no responsibility for management and control of these activities. IAO will not be responsible to the Purchaser for any loss or damages, whether consequential or other, however caused, incurred or suffered, as a result of the service being provided.

------ CODING ------

Industry Code:	830 - Day Schools, Boarding Schools, Primary and Seconda
Construction Code:	4 - Masonry
Risk Classification:	NS - Non-Sprinklered
Protection Code:	2 - Non-Sprinklered, Fully Protected, Gr 3
Combustibility	M3

------ BRIEF DESCRIPTION ------

THIS IS A 1 STY & BST CBBF & WFMC BLDG WITH
REINFORCED CONCRETE FLOORS & A WD JST 32%
REINFORCED CONC 22% & CLASS II STEEL DECK
46% ROOF, OCCUPIED AS A PRIVATE SCHOOL
EXP: NONE. MUN PROT STD FOR FUS CLASS 3
PRIV PROT IS STD. CIRCUIT BREAKERS ARE
USED. HOUSEKEEPING IS GOOD

------ COMMENTS ------

THIS RISK IS GOOD IN CLASS
DESIRABLE IMPROVEMENTS: NONE

COPE Report - 1995 ASHBURY COLLEGE 362 MARIPOSA AV ROCKCLIFFE PARK ON K1M 0T3 Reference No: 10866924

1995

AIS Ref No.: 10866924

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------ CONSTRUCTION ------

WALLS - MASONRY:
72% (CBBF) Concrete Block Br 300mm Thick C-2 Type: W-1

WALLS - COMBUSTIBLE:
28% WFWC - Wood Frame/Wood C C-2

MASONRY and FIRE RESISTIVE FLOOR and ROOFS:
68% Reinforced Concrete - Pl Hours: 3.00 Listed? N Type: D-1
6% Reinforced Concrete - To Hours: 3.00 Listed? N Type: D-1

NON-COMBUSTIBLE FLOORS and ROOFS:
14% Class II Steel Deck - To C-6

FLOORS & ROOFS - COMBUSTIBLE:
10% Wood Joists - Toit C-2

------ SECONDARY CONSTRUCTION ------

HEIGHT:
Number of Storeys: 03
Basements: 1

Combustible Storeys Without Grade Access: 0

VERTICAL OPENINGS:
Stairs BST-1ST Comb.: 04 Const.: 3
Type: Open (V-4) 0 Hrs-Walls/ 0 Hrs-Doors
Stairs 1ST-2ND Comb.: 04 Const.: 3
Type: Open (V-4) 0 Hrs-Walls/ 0 Hrs-Doors
Stairs 2ND-3RD Comb.: 04 Const.: 3
Type: Open (V-4) 0 Hrs-Walls/ 0 Hrs-Doors

AREA:

Building Dimensions (m): 0 X 0 0 X 0 0 X 0

Grade: 28774 m2 Total: 67406 m2 Effective: 28774 m2

L1, L2 Area 100%

ROOF SURFACE:
70 % Approved
30 % Wood Shingles

COMBUSTIBLE CONCEALED SPACES:
10 % Roof Space

BUILDING CONDITION:
Good Type C--

Year Built: 1900

Basement: 097% du rc., 090% Aminage

COMMON HAZARDS: 7211B - Electric Heat-Perm

Project #: 25052700692 | P.O. #: 116501019
Requested by: Eleanor Goolab | Date Completed: 06/25/2025 21:14:22

COPE Report - 1995 ASHBURY COLLEGE 362 MARIPOSA AV ROCKCLIFFE PARK ON K1M 0T3 Reference No: 10866924

1995

AIS Ref No.: 10866924

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------ PROTECTION ------

MUNICIPAL PROTECTION:

Distance from Hydrants:	Standard	Congested Area:	No
Distance to Fire Hall:	< 2.5 km	Accessibility:	Good
FUS Protection Class:	03		
Revised Class:	03		
IAO Protection Class:	03		

INTERNAL PROTECTION:

MANUAL FIRE FIGHTING EQUIPMENT: Standard
Standard Extmet

------ EXPOSURE ------

NONE NOTED:

------ OCCUPANCY - ASHBURY COLLEGE ------

Industry Code: 8304 - Day Schools, Boarding Schools, Primary and Se

Occupancy: 5266A - PRIVATE SCHOOL

Location: 362 Area: 67406 m2 100.0% of Total

Combustibility Code: 02 - Limited Combustibility
Susceptibility Code: 01 - Minimal Damage

Special Hazard: 7305A1B1 - COOKING-FULL - FULL PROT

Project #: 25052700692 | P.O. #: 116501019
Requested by: Eleanor Goolab | Date Completed: 06/25/2025 21:14:22

Commercial Property Fire Rating Form Report - 1984 362 & Rear 362 Mariposa Avenue (Formerly 362 Mariposa Road) Rockcliffe Park ON K1M0T3

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COMMERCIAL PROPERTY FIRE RATING FORM

CODING			
IND.	TERR.	CONS.	PROT.
830	64	1	4

LOCATION Rockcliffe Park NAME _____ FILE NO. _____

ADDRESS 362 Mariposa Avenue Insp'd. by K Hunt Date 10 Jan 1984

FORM 362 MARIPOSA ROAD Rated by C Fabrizio Date 19 JAN 84

BASIC CONSTRUCTION: (SECTION II)

Construction Class 4 Bldg. Comb. Class 4 63

WALLS (ITEMS 210-215)

WALL AREA	MASONRY Wall Type	MASONRY Wall Thick.	FIRE RES. Dam. Type	FIRE RES. Fire Res.	NON COMB	COMB	DETAIL OF WALL CONSTRUCTION	% OF WALL PERIM	POINTS		CHARGES
	W- 1		D-	HR			Brick	72 % x	-	=	-
	W-		D-	HR		✓	Frame	28 % x	350	=	98
	W-		D-	HR				% x		=	
	W-		D-	HR				% x		=	
	W-		D-	HR				% x		=	
								% x		=	
								% x		=	
								% x		=	

Columns in (or adjacent to) non-bearing masonry walls: Unprot. metal ☐ Comb. ☐

Panels in masonry or fire resistive walls: Comb. ☐ Non-comb. ☐ Glass ☐ Slow burning ☐

Special Conditions (Describe) .....

FLOOR(S) AND ROOF (ITEMS 220-223)

LEVEL	DIMENSIONS	MAS. or F.R. Dam. Type	MAS. or F.R. Fire Res.	NON COMB	COMB	DETAILS OF FLOOR/ROOF MATERIALS	% of 1st Floor/Roof Area	POINTS		CHARGES
Grade - 362		D- 1	HR			3" Poured Conc.	67 % x	-	=	-
		D-	HR				% x		=	
Roof		D- 1	HR			5" Poured Conc.	7 % x	-	=	-
Roof		D-	HR	✓		5/7 Deck 302.11	15 % x	250	=	38
Roof		D-	HR		✓	Wood	1 % x	300	=	3

Total Basic Construction Charges: 169

Schedule Base ..... + 150

Building Base ..... = 319

Building Base x 7 Comb. Modifier (ITEM 230) x .001 = **BASIC BUILDING RATE:** .223

(carried fwd. overleaf) •

SECONDARY CONSTRUCTION: (SECTION III)

	% Charge
Height: (ITEM 300) Nbr. Storeys 3, 2+1 Bast. Yes Comb. Stories (Without ground level access) 1	
Vertical Openings: (ITEM 310) Type: VT; Fm: Bsmt; To: 362; Enclosure: ; Doors: ; 1st. 10 + 5 + 5	20
No. of Elevators: Passenger .....; Freight	
Area: (ITEM 320) _____ x _____, _____ x _____, _____ x _____, ...	
Grade Floor Area 2877.4 m² Total Area 6740.6 m² Effective Area 2877.4 m²	15
Roof Surface: (ITEM 330) Approved ☐ Other (Described) Wood Shingles	20
Combustible Concealed Spaces: (ITEM 340) Roof Space; Percentage of total roof area 10 %	2
Ceiling Space; Percentage of total floor area — %	
Combustible Interior Construction: (ITEM 350) Floor Surfacing; Percentage of total floor area — %	
Interior Walls or Partitions; Percentage of total exterior wall area — %	
Mezzanines or Decks; Percentage of total floor/roof area — %	
Combustible Interior Finish or Insulation: (ITEM 360) Walls: Percentage of total area of exterior walls; Ord. Dam. — % Spec. Dam. — %	
Roof & Floor(s): Percentage of total area of ceilings; Ord. Dam. — % Spec. Dam. — %	
Combustible Exterior Finish or Attachments: (ITEM 370)	
Building Condition: (ITEM 380) Good ☐; Average ☐; Poor ☐; ..... Built in 1900; Est. ☑ Additions Built in 1915, 1934, 1964; Est. ☐ 69%	
Air Conditioning: — % Central ☐; Window ☐.	
Total Secondary Construction Charges:	57

St. No. Floor	Floor Area	% of Total Area	Occ'y Item No.	Name and Description of Occupancy and Hazards	Basic Occ'y Charge	Hazard Charges	Sep'd. Occ'y Factor	Total Occ'y Charge	Comb. Cl.	Susc. Cl.	Ind. Code
Common Hazards Applicable to Building				Hwsh		1					
			26 13	Ashburn College w/commercial cooking not open to general public 6cx, 6x, 25	10	.9		19	L2	S1	830
TOTAL										Building IND. CODE	830

Major Occupancy Charge ..... 19 %
20% of _____ (next 10 highest additional Total Occupancy Charges) ..... - %
Common Hazards applicable to the Building ..... - %
Net Occupancy Charge ..... 19 %
L1, L2 Area 100 %
Net Occupancy Charge x .4 Occ'y Mod. Factor (ITEM 418) ..... = 8 %
**Total Secondary Construction Charge (brought forward from overleaf) ..... + 57 %

	*E.C. EXTRA	
IND. CODE	PERIL	ADD'L RATE
830	School	02

EXPOSURE: (SECTION VIII) Non Chargeable ☑

Facing Wall of Exposure						Facing Wall of Risk			Exposure Distance
Mas. Semi Prot.	Mas. Unprot.	Non Comb.	Comb.	Comb. Class	Lth/Ht	Comb. & Non Comb.	Masonry Unprot.	Masonry Semi Prot.	

Exposure Charge ..... + _____ %
Party Wall Charge (ITEM 831) ..... + _____ %
Communication Charge (ITEM 832) ..... + _____ %
+ 100 %

• (brought forward from overleaf) BASIC BUILDING RATE .227 x 165% = UNPROTECTED BLDG. RATE .368

MUNICIPAL PROTECTION: (SECTION IX)
F.U.S. Prot. Class 7 Revised Prot. Class 9
Dist. to Hydrants: Stdr. ☐ Non Stdr. ☑ 0.4km Accessibility: Good ☑ Poor ☐
Dist. to Fire Hall: Stdr. ☑ Non Stdr. ☐ .....km. Congested Area: Yes ☐ No ☑
Unprotected Bldg. Rate x 90 Protection Class Factor ..... = PROTECTED BLDG. RATE .331

BUILDING ADJUSTMENT FACTOR: (SECTION X)
Protected Bldg. Rate x 99 Building Adjustment Factor ..... = GROSS BLDG. RATE .328

INTERNAL PROTECTION: (SECTION XI)
Extinguishers Stdr. ☐ -2 % Credit W. & C. Stdr. ☐ _____ % Credit
S.P. & H. Stdr. ☐ _____ % Credit Automatic Fire Detection System Stdr. ☐ -5 % Credit
Automatic Sprinklers ☐ (Describe) _____ % Credit
Other Auto. Protection ☐ (Describe) _____ % Credit
GROSS BLDG. RATE .328 Less 7 % = _____ Less _____ % = _____ Less _____ % = FINAL BLDG. RATE .305

CONTENTS RATES (SECTION XII)

FEB 28 1984

ITEM → 1200 1210 1220

Ind. Code	Susc. Class	OCCUPANCY	Susc. Charge		Hazards Adj.		Conts. Adj. Factor		Adj. Conts. Charge		Gross Bldg. Rate		Gross Conts. Rate		Int. Prot. Factor		FINAL CONTS. RATE
830	S1	School	02	x	104	x	50	=	.01	+	.328	=	.338	x	95	=	.321
				x		x		=		+		=		x		=	
				x		x		=		+		=		x		=	
				x		x		=		+		=		x		=	
				x		x		=		+		=	MAR 5 1984				
				x	Ref: (x)96.69%				(PX)		PF						

ONT. 2000a-3/83 Page 2 Indicate with * any rate subject to E. C. Extra

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COMMERCIAL PROPERTY FIRE RATING FORM

CODING			
IND.	TERR.	CONS.	PROT.
830	64	6	4

LOCATION Rockcliffe Park NAME _____ FILE NO. _____

ADDRESS Road 342 Mariposa AVENUE Insp'd. by K Hunt Date 18 Jan 84'

Rated by C. Fricker Date 20 Jan 84'

BASIC CONSTRUCTION: (SECTION II)

Construction Class 6 Bldg. Comb. Class 63

WALLS (ITEMS 210-215)

WALL AREA	MASONRY Wall Type	MASONRY Wall Thick.	FIRE RES. Dam. Type	FIRE RES. Fire Res.	NON COMB	COMB	DETAIL OF WALL CONSTRUCTION	% OF WALL PERIM	POINTS	CHARGES
	W-		D-	HR		✓	Metal Clad	100 %	x 250 =	250
	W-		D-	HR				%	x =	
	W-		D-	HR				%	x =	
	W-		D-	HR				%	x =	
	W-		D-	HR				%	x =	
								%	x =	
								%	x =	
								%	x =	
								%	x =	

Columns in (or adjacent to) non-bearing masonry walls: Unprot. metal ☐ Comb. ☐

Panels in masonry or fire resistive walls: Comb ☐ Non-comb. ☐ Glass ☐ Slow burning ☐

Special Conditions (Describe).....

FLOOR(S) AND ROOF (ITEMS 220-223)

LEVEL	DIMENSIONS	MAS. or F.R. Dam. Type	MAS. or F.R. Fire Res.	NON COMB	COMB	DETAILS OF FLOOR/ROOF MATERIALS	% of Total Floor/Roof Area	POINTS	CHARGES
Grade		D-	HR		✓	Wood	%	x =	
		D-	HR				%	x =	
		D-	HR				100 %	x 2 =	200
		D-	HR				0 %	x =	
Roof		D-	HR		✓	Wood	%	x =	

Total Basic Construction Charges: 650

Schedule Base ..... + 150

Building Base ..... = 800

Building Base x .9 Comb. Modifier (ITEM 230) x .001 = BASIC BUILDING RATE: .720

(carried fwd. overleaf) •

SECONDARY CONSTRUCTION: (SECTION III)

	% Charge
Height: (ITEM 300) Nbr. Storeys 1 Bast. — Comb. Stories (Without ground level access) —	—
Vertical Openings: (ITEM 310) Type / Fm. / To / Enclosure / Doors / % Chge. — 1st.	
	—
No. of Elevators: Passenger .....; Freight	
Area: (ITEM 320) _____ x _____, _____ x _____, _____ x _____, ...	
Grade Floor Area 46.5 m² Total Area 46.5 m² Effective Area 46.5 m²	—
Roof Surface: (ITEM 330) Approved ☑ Other (Described).....	
Combustible Concealed Spaces: (ITEM 340) Roof Space; Percentage of total roof area — %.....	
Ceiling Space; Percentage of total floor area — %.....	
Combustible Interior Construction: (ITEM 350)	
Floor Surfacing; Percentage of total floor area — %.....	
Interior Walls or Partitions; Percentage of total exterior wall area — %.....	
Mezzanines or Decks; Percentage of total floor/roof area — %.....	
Combustible Interior Finish or Insulation: (ITEM 360)	
Walls: Percentage of total area of exterior walls; Ord. Dam. — % Spec. Dam. — %....	
Roof & Floor(s): Percentage of total area of ceilings; Ord. Dam. — % Spec. Dam. — %....	
Combustible Exterior Finish or Attachments: (ITEM 370).....	
Building Condition: (ITEM 380) Good ☑; Average ☐; Poor ☐;.....	
Built in 1980.; Est. ☑ Additions Built in .....; .....; Est. ☐	
Air Conditioning: —% Central ☐; Window ☐.	
Total Secondary Construction Charges:	—

St. No. Floor	Floor Area	% of Total Area	Occ'y Item No.	Name and Description of Occupancy and Hazards	Basic Occ'y Charge	Hazard Charges	Sep'd. Occ'y Factor	Total Occ'y Charge	Comb. Cl.	Susc. Cl.	Ind. Code
Common Hazards Applicable to Building				Person Electric		+					
			536	Band Practise Room	50				42	58	830
TOTAL										Building IND. CODE	830

Major Occupancy Charge ..... 50 %
20% of _____ (next 10 highest additional Total Occupancy Charges) ..... - %
Common Hazards applicable to the Building ..... - %
Net Occupancy Charge ..... 50 %
L1, L2 Area _____ %
Net Occupancy Charge x _____ Occ'y Mod. Factor (ITEM 418) ..... = _____ %
**Total Secondary Construction Charge (brought forward from overleaf) ..... + - %

*E. C. EXTRA		
IND. CODE	PERIL	ADD'L RATE
830	VMA	.02

EXPOSURE: (SECTION VIII) Non Chargeable ☑

Facing Wall of Exposure						Facing Wall of Risk			
Mas. Semi Prot.	Mas. Unprot.	Non Comb.	Comb.	Comb. Class	Lth/Ht	Comb. & Non Comb.	Masonry Unprot.	Masonry Semi Prot.	Exposure Distance

Exposure Charge ..... + _____ %
Party Wall Charge (ITEM 831) ..... + _____ %
Communication Charge (ITEM 832) ..... + _____ %
+ 100 %

• (brought forward from overleaf) BASIC BUILDING RATE .720 x 150 % = UNPROTECTED BLDG. RATE .108

MUNICIPAL PROTECTION: (SECTION IX)
F.U.S. Prot. Class 2 Revised Prot. Class 8 12" MAIN
Dist. to Hydrants: Stdr. ☐ Non Stdr. ☐ .....m. Accessibility: Good ☑ Poor ☐
Dist. to Fire Hall: Stdr. ☑ Non Stdr. ☐ .....km. Congested Area: Yes ☐ No ☑
Unprotected Bldg. Rate x .81 Protection Class Factor ..... = PROTECTED BLDG. RATE .875

BUILDING ADJUSTMENT FACTOR: (SECTION X)
Protected Bldg. Rate x 1.24 Building Adjustment Factor ..... = GROSS BLDG. RATE 1.085

INTERNAL PROTECTION: (SECTION XI)
Extinguishers Stdr. ☐ 2 % Credit W. & C. Stdr. ☐ _____ % Credit
S.P. & H. Stdr. ☐ _____ % Credit Automatic Fire Detection System Stdr. ☐ 2 % Credit
Automatic Sprinklers ☐ (Describe) ..... _____ % Credit
Other Auto. Protection ☐ (Describe) ..... _____ % Credit
GROSS BLDG. RATE 1.085 Less 2 % = _____ Less _____ % = _____ Less _____ % = FINAL BLDG. RATE 1.052

CONTENTS RATES (SECTION XII)

FEB 28 1984

ITEM →			1200		1210		1220									
Ind. Code	Susc. Class	OCCUPANCY	Susc. Charge		Hazards Adj.		Conts. Adj. Factor		Adj. Conts. Charge		Gross Bldg. Rate		Gross Conts. Rate		Int. Prot. Factor		FINAL CONTS. RATE
830	58	Band Practise Room	.175	x	-	x	62	=	.109	+	1.085	=	1.194	x	95	=	1.134
				x		x		=		+		=		x		=	
				x		x		=		+		=		x		=	
				x		x		=		+		=		x		=	
				x		x		=		+		=		x		=	
				x		x		=		+		=				=	

REF: 086892 (GKS) RF MAR 5 1984

Project #: 25052700692 | P.O. #: 116501019
Requested by: Eleanor Goolab | Date Completed: 06/25/2025 21:14:22

Survey for Rating Fire-Resistive Risks Report - 1978 ASHBURY COLLEGE 362 Mariposa Road Rockcliffe Park ON K1M0T3

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INSURERS' ADVISORY ORGANIZATION OF CANADA

ONTARIO REGION

SURVEY FOR RATING FIRE-RESISTIVE RISKS (excluding Sprinklered Bldgs.) OF ALL OCCUPANCY CLASSES.

LOCATION: ROCKCLIFFE PARK

ADDRESS: 362 MARIPOSA ROAD

(Formerly)

IAO PLAN – Sheet No.: 223; Block No.: 1461; Plan No. 100-106; NOP ☐; See Attached Diagram ☒

Owned by ASHBURY COLLEGE Occupied by ASHBURY COLLEGE

For a RESIDENTIAL PRIVATE SCHOOL No. of hands

Is building completely finished and out of workmen's hands? Yes ☒ No ☐ IBC CODE: Terr. 64 Ind. 932 Cons. 1 Prot. 1

OCCUPANCY

Give occupancy, kind of work, processes, machinery and number of hands on each floor

Basement – CLASSROOMS, COMMON ROOM, LOCKER + SHOWER ROOMS, BOILER ROOM, STORAGE ROOMS

1st – OFFICES, CLASSROOMS, DINING ROOM, KITCHEN (SEE ATTACHED FORM), GYM, + TEACHERS RESIDENCE

2nd – CLASSROOMS, SCIENCE ROOMS WITH NATURAL GAS OUTLETS, DORMITORIES, CHAPEL, TEACHERS RESIDENCE, HOSPITAL (DIAGNOSIS AND TREATMENT ONLY)

3rd – DORMITORIES

4th

* NOTE ACCESS TO TEACHERS RESIDENCE BY 1 WOOD DOOR 1ST FLOOR

5th AND BY NEW STANDARD SLIDING 2 HR FIRE DOOR (FUSIBLE LINK DISCONNECTED) 2nd FLOOR

6th

CONSTRUCTION OF BUILDING

1. TYPE OF CONSTRUCTION – Floors & Roof Carried on:

(a)	Skeleton Steel Framework	☐	(d)	Bearing Walls & Steel Columns	☒ 40%
(b)	Reinforced Concrete, Framework	☐	(e)	Steel on Steel Walls & Roof	☐
(c)	Bearing Walls & Partitions	☒ 60%	(f)	Other Construction	☐

(Describe fully)

2. WALLS – State construction of external walls. BK B/H.C.B

If bearing walls give thickness of walls in inches at each floor 14" (35.6 cm) 4" (10.2 cm) + 8" (20.3 cm)

3. ROOF AND FLOOR – (a) Materials

93% Roof ☒ Floors ☒ (i) Concrete, reinforced – Poured in place 5 (12.7 cm) inches thick.

Roof ☐ Floors ☐ (ii) Concrete, on metal pan – Poured in place ..... inches thick.

Roof ☐ Floors ☐ (iii) Concrete, Precast Units ..... inches thick ..... (Name of Manufacturer)

7% (iv) Steel Deck, Construction # 1 ☐ Otherwise ☒ CLASS II - UNABLE TO DETERMINE

*If Construction # 1 State method of attaching insulation to steel deck and type of insulation.

Mechanical Fasteners ☐ *Adhesive ☐ Otherwise ☐

*If adhesive state trade name .....

Type of insulation on steel deck .....

Roof ☐ Floors ☐ (v) Other Materials – Describe and show thickness

(b) Are all skylights of wired glass in metal frames? N/A

(c) Is there any wood in roof, louvers, ventilators or skylights? If so, give details NO

(d) Is there a wood roof laid over an incombustible one? YES

(e) If so, what is the maximum and minimum height of this above the incombustible roof? 6' - 3½' (1.8 m - 1.1 m)

(62% OF BUILDINGS WITH WOOD ROOF OVER INCOMBUSTIBLE ROOF)

3. **ROOF AND FLOOR (Cont'd.)** – (f) Mehtod of suppor

Roof	☒	Floors	☒	(i) Unprotected Steel Beams.
Roof	☒	Floors	☒	(ii) Steel Beams Protected by 2" (5.1 cm) inches of CONCRETE
Roof	☐	Floors	☐	(iii) Reinforced Concrete Beams – Poured in place.
Roof	☐	Floors	☐	(iv) Precast Concrete Structural Units ..... inches thick ..... (Name of Manufacturer)
Roof	☐	Floors	☐	(v) Bearing Walls Only. No Supporting Steel.

If building is composed of more than one type of construction, identify sections of floor involving each type and indicate on plan

(g) Is there any roof space exceeding 3 feet in height? YES If so, for what purpose is it used? UNUSED

How is access obtained thereto? 2 WOOD TRAP DOORS

(h) Is the incombustible roof broken by texas, louvres, ventilator, trapdoor, skylight, stair, elevator, other shafts? YES SEE ABOVE

If so, what is the construction of the sides through roof space? WOOD

Is there any access or opening from these shafts to the roof space? Describe each separately YES

(i) Is there a superstructure, water cooling tower, or Penthouse of any kind on the roof? NO If so, given dimensions, construction and occupancy — How is access obtained?

4. **STEEL COLUMNS AND BEAMS** – Are they adequately protected? SOME If "Yes" state nature and thickness of such protection.

(a) Columns 2" (5.1 cm) CONCRETE

(b) Beams 2" (5.1 cm) CONCRETE

FLOOR OPENINGS

5. **STAIRWAYS** – How many, and state from which floor to which? 1 BAS - 2nd, 1 BAST 1st, 2 BAST - 2nd, 1 BAST - 3rd

Is there an enclosure around them? YES If so, describe construction of enclosure, and the doors, and whether doors are self-closing MASONRY WITHOUT DOORS

6. **ELEVATORS** – How many, and state from which floor to which? NIL

Is there an enclosure around them? — If so, describe construction of enclosure, and the doors, and whether doors are self-closing —

7. **CHUTES, VENTS, DUMB WAITERS & BELT HOLES & OTHER FLOOR OPENINGS** – Give size, construction of enclosure (if any), type of door (if any), and whether self-closing, stating which floors are cut by each NIL

8. **HEATING AND VENTILATING DUCTS** – Are there any? NIL (i) Are ducts, which cut through floor, in masonry shafts —

(ii) Give construction of shaft — (iii) State whether separate duct to each floor without communication to other floors — (iv) Do ducts open into roof space? —

(v) Would Heating & Ventilation System automatically shut down under emergent fire conditions? Yes ☐ No ☐ —

9. **HEIGHT** – State number of floors and whether there is a basement 3 BAST, 2 BAST, 1 - 3 BAST, 1 BAST

10. **AREA** – Give ground floor dimensions and area 33,200 ft² (3086 m²)

11. **INTERIOR FINISH** – State separately for each floor, finish and method of attachment to walls and ceiling (If more than one type of finish is present on any one floor, state percentage of each type.).

	Bast.	1st.	2nd.	3rd.	~~4th.~~ ATTIC	5th.	6th.	
(a) Walls	STONE	WOOD PANEL 2% GYP	GYP MLP	MLP	OPEN			
(b) Ceilings	CONCRETE	MLP GYP	MLP GYP	MLP	OPEN			
(c) Partitions	BRICK	MLP MLP GYP	MLP MLP GYP	MLP	—			

State extent of any wood partitions, or partitions having wood supports in square feet separately for each floor: –

NIL

(d) Is there any other inside or outside combustible finish or trim other than above? Describe fully 2800 ft² (260.4 m²) WOOD FLOOR IN GYM, 3 WOOD STAIRS

12. **HEATING** – What is the system of heating the building? STEAM Where is heating plant located? EAST OF GYM & RESIDENCE
Is it in fire-resistive room with standard fire door? NO Are there any stoves? If so, how many and where located NO
Do any heating devices vent otherwise than to brick or concrete chimney? If so, give details NO What fuel is used? GAS

13. **ELECTRIC WIRING** – All wiring is in Rigid Conduit ☐ Otherwise ☒ BX
Are all circuits protected by type "S" tamper resisting fuses or non-interchangeable circuit breakers? YES

14. **POWER** – Is any used? NO If so, what kind? — Total Horse Power? —
What used for? —
If gasoline engine, state method of ignition, location and capacity of supply, tank, whether feed is pressure or gravity, quantity of gasoline in engine —

15. **FLAMMABLE LIQUIDS** – Are any kept? NO If so, what quantity of each? —
What used for? —

16. **COMMUNICATIONS** – Does the building communicate with any other building? NO (a) If so, give dimensions, height, construction and occupancy and indicate clearly on diagram —
(b) If so, are buildings separated by solid wall? — (c) If so, are all openings in this wall protected by self-closing U.L. labelled Class A fire doors? — (d) If not, describe type of doors on each opening —

PUBLIC PROTECTION

17. **FIRE DEPARTMENT** – State distance to the nearest fire station ½ MILE (0.8 KM)

18. **HYDRANTS** – What is the distance to the nearest two hydrants? 300' (91.5 M) + 120' (36.6M) Give size of main 6" (15.2cm) + 5" (12.7cm)

INTERNAL PROTECTION

19. Show number units for each floor:

	Basement	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	
Extgrs. 2½ Gal. Class A	3x2A	1x2A (OBC) 4x2A	1x2A	3x2A						
Extgrs. Class B & C	1x3BC	—	—	—						
Stand Pipe & Hose	1	1	1	1						

20. **WATCHMAN** – Is there a Watchman making rounds of the whole premises, nights, Sundays, holidays, and at all times when plant is not in operation, rounds being made not less than once an hour during the night, i.e. from 6 p.m. to 6 a.m., and every two hours during the day? —
(a) Does he use a portable clock, electric detector, or report to central station? —
(b) Give name of manufacturer of clock — (c) Does it bear approval label of Underwriters' Laboratories? —
(d) Are the stations sufficient and so located that the Watchman must traverse each flat and every portion be visible to him? —

21. **AUTOMATIC FIRE DETECTION SYSTEM** – Yes ☒ No ☐; Local ☒ or Otherwise ☐: If such system is present provide details on questionnaire obtainable from IAO.

22. **PARTIAL AUTOMATIC SPRINKLER SYSTEM** – Yes ☐ No ☒ —

GENERAL UNDERWRITING COMMENTS

23. (a) **HOUSEKEEPING & MAINTENANCE** – Excellent ☐; Good ☐; Average ☒ Poor ☐,
If so, describe —

(b) **NEIGHBOURHOOD** – Residential ☒; Commercial ☐; Industrial ☐; Congested Area ☐,
If so, describe —

(c) **OPINION OF RISK** – Excellent ☐; Good ☐; Average ☒; Poor ☐,
If so, describe —

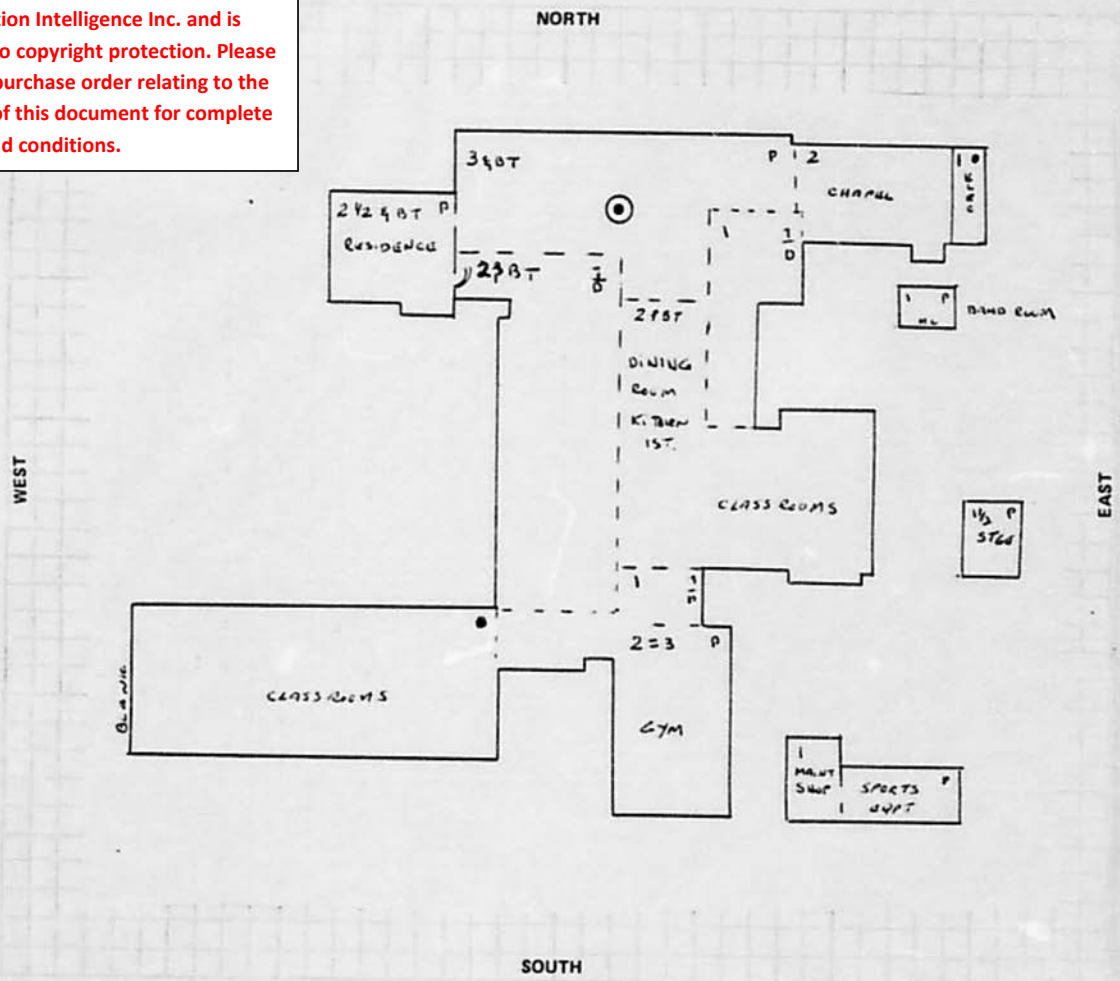
(d) **APPROXMATE AGE OF BUILDING** – 68 years. Additions 1915, 1960, 1973

Project #: 25052700692 | P.O. #: 116501019
Requested by: Eleanor Goolab | Date Completed: 06/25/2025 21:14:22

Siteplan Report - 1984 ASHBURY COLLEGE 362 & Rear 362 Mariposa Avenue Rockcliffe Park ON K1M0T3

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DIAGRAM IAO PLAN: Sheet No. 223 ; Block No. 1491 ; Plan No. _____ ; NOP ☐; Scale: 1cm = 6m ☒ 1cm = 12m ☐



EXPOSURE - (SECTION VIII)

WALL OF BUILDING BEING RATED					BETWEEN BLDGS.		FACING WALL OF EXPOSURE						
Direction	Blnk.	Comb. & Non-Comb	Msnry. Up	Msnry. Sp	Distance	Party Wall	Blr	Msnry. Sp	Msnry. Up	Non-Comb.	Comb.	Occ'y Haz.	Length / Height
NORTH		✓			6-1							L 2	292
SOUTH									✓				
EAST													
WEST													

Requested by: Hartford

Report Date: JAN 20 DEC 6 (Dt. Request Recd. In IAO Service Office)

Sig. Of Insp. G. R. Stewart

Dt. 10 Jan 84 (Inspected) 19 Jan 84 (Written Up)

Revised By: _____

Dt. _____ / _____

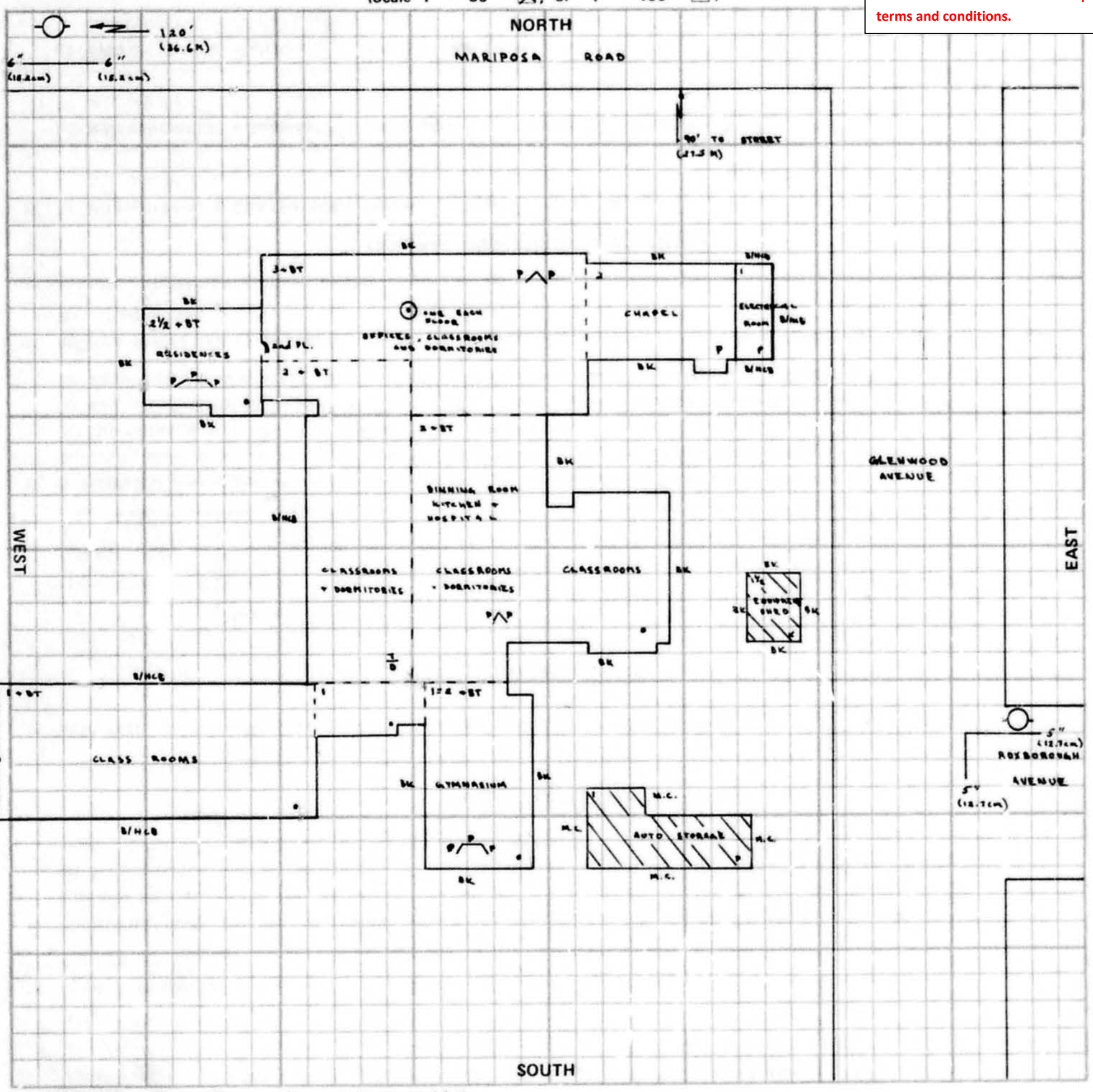
Project #: 25052700692 | P.O. #: 116501019
Requested by: Eleanor Goolab | Date Completed: 06/25/2025 21:14:22

Siteplan Report - 1978 ASHBURY COLLEGE 362 Mariposa Road Rockcliffe Park ON K1M0T3

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DIAGRAM

(Scale 1" = 50' ☒, or 1" = 100' ☐)



EXPOSURE: **Note** – These questions must be answered fully.

NORTH	OPEN	ft. to building built of	—		—	stories high, occupied as	—		
SOUTH	OPEN	" "	—		—	" "	—		
EAST	20	" "	M.C.		1	" "	AUTO STORAGE		
WEST	OPEN	" "	—		—	" "	—		

Requested by: CHATEAU

Signature of Inspector: P. Richards

Date: Jan 20 19 78

Project #: 25052700692 | P.O. #: 116501019
Requested by: Eleanor Goolab | Date Completed: 06/25/2025 21:14:22

Commercial Property Fire Inspection Survey Form Report - 1984 ASHBURY COLLEGE 362 & Rear 362 Mariposa Avenue Rockcliffe Park ON K1M0T3

INSURERS' ADVISORY ORGANIZATION OF CANADA

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM

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

Address: No. 362 Street/Road Etc,. Mariposa AVENUE

Municipality Rockcliffe Park (Formerly)

Owned by: Ashbury College Occupied by: Same

Age of building (Built in) 1922 Est. ☑ Additions Built in 1953, 1964 1965 1973 Est. ☐

Condition of Building: Good ☑; Average ☐; Poor ☐.

Is building completely finished & out of workmens hands? Yes ☑; No ☐ IBC Code: Terr: 64 Ind: 830 Cons: 1 Prot: 4

BASIC CONSTRUCTION - (SECTION II)

- EXTERIOR WALLS:

NSEW	NSEW	NSEW	NSEW	NSEW
	(Refers to compass point direction of wall, i.e. North, South, East or West)			
☑	☑	☐	☐	☐
INDEPENDENT	BEARING	NON-BEARING	PARTY	PARAPET

(Describe material & thickness of all walls including make-up of combustible walls & any fire retardant impregnation. Also, check off appropriate wall supports below:)

72 Brick and Brick on Concrete Block
28 Wood Frame

COLUMNS OF WOOD ☐; HEAVY WOOD (min. 150mm x 300mm) ☐; UNPROTECTED STEEL ☐; PROTECTED STEEL ☐, protected by _____ having a fire-resistance rating of _____ hrs.

PANELS of Non-Combustible material or GLASS ☐; COMBUSTIBLE ☐ (describe) _____

Wall: N. _____%; S. _____%; E. _____%; W. _____%.

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

Floor Level	% Aut. Spk. Sec	Fire Resistive & Masonry	Fire Res. in Hrs.	Non-Combustible	Combustible
Grade		poured Concrete 5"	2577	m2	
2nd		" "	2433	"	
3rd		" "	645	"	
Roof		Concrete 5"	6694 m2	Steel deck 1332 m2	Wood 941 m2

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

SECONDARY CONSTRUCTION - (SECTION III)

- HEIGHT: (Nbr.) 3,2S Storeys High; Basement: Yes ☑; No ☐. (Nbr.) 1 Combustible Storeys Without Ground Level Access.

- VERTICAL OPENINGS: Number of Elevators - Passenger ____. Freight ____.

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

Elv., S'way or Other	Nbr.	From:	To:	ENCLOSURE(S)	DOOR(S)
S	1	B1	2nd	HB & Brick	Wood & metal
S	1	1st	2nd		
S	1	2nd	3rd		

- AREA: Basement : ____ x ____ ; ____ x ____ ; ____ x ____ = 27846 m2
1st. Floor : ____ x ____ ; ____ x ____ ; ____ x ____ = 28774 m2
2nd. Floor : ____ x ____ ; ____ x ____ ; ____ x ____ = 2833 m2
3rd (& Other): ____ x ____ ; ____ x ____ ; ____ x ____ = 645 m2

EFFECTIVE AREA: 28774 m2

Separation Walls ☐ (describe) _____. Total Area 67406 m2

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

ONT. 2000c-3/83

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- COMBUSTIBLE CONCEALED SPACES: Combustible Space In Roof ☐, &/or Ceiling ☐. If In Roof, Is This An Attic ☐, Cut Off ☐, Shut Off ☐, With Access Limited By Trap(s)/Hatchway(s) ☐. In Proportion To Total Roof/Ceiling Area COMBUSTIBLE CONCEALED SPACE Comprises 10 % In ROOF &/or ____ % In CEILING. Describe _____.

- COMBUSTIBLE INTERIOR CONSTRUCTION: Floor Surfacing ☐ (describe & give % of total floor area affected) _____. Partitions/Walls ☐ (describe & give % of total interior wall area) _____. Mezzanines/Decks ☐ (describe & give % of total area of floors & roof) _____.

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

Specify FLOOR	Bsmt	1st	2nd	3rd		
Walls:	Concrete	Wood Sh. Cyp				
Ceilings:	Conc Spy.	MCP Cyp	MCP Cyp	6-4P MCP		
Interior Partitions	Concr	HCB Cyp	HCB Cyp	Cyp.		
Smoke Developed						
Flame Spread						

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

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

- BUILDING CONDITION: Moderate ☐, Major ☐, Extreme Deficiencies ☐. Describe Sub-Standard Structural Conditions _____.

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

- HEATING: Building Heated? Yes ☒; No ☐. Borrowed Heat ☐. Describe Heating System Including Controls & Fuel Used: Hot water fuel oil. Describe Chimney(s) & Deficiencies If Any: _____.

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

- AIR CONDITIONING: — %; Central ☐; Window ☐.

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

MUNICIPAL PROTECTION - (SECTION IX)

- FIRE DEPARTMENT: Risk Within 2.5 km Of Nearest Fire Hall? Yes ☒; No ☐. If No - State Distance To Fire Hall: ____ km.

- HYDRANTS: Two Hydrants Within 155m of Risk? Yes ☐; No ☒. And All Parts Of Building Within 155m Of At Least One Hydrant? Yes ☒; No ☐. MAINS - 150mm ☒; 200mm ☐; 300mm ☐. Other (describe) 5" - 125mm. Circulating ☒; and/or Dead End ☐ Mains. Describe Deficiency (if any): One hydrant on 125mm main

- ACCESSIBILITY: Risk Accessible At Least On One Side By Street 15m In Width? Yes ☐; No ☒. If No - Describe _____.

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

- PRIVATE PROTECTION: Is There Exclusive Private Protection ☐, Or Supplement To Municipal Protection ☐. Describe _____.

INTERNAL PROTECTION - (SECTION XI)

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

- WATCHMAN SERVICE: Standard ☐, Including Proprietary Supervision ☐, Including Central Station Supervisory Ser. ☐. Describe: _____

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

- PARTIAL AUTOMATIC SPRINKLER SYSTEMS: Acceptable Waterflow Alarm To Approved CENTRAL STATION ☐, No Such Alarm ☐. Total area Protected by Automatic Sprinklers Comprises ____ M^2.

- OTHER LIMITED AUTOMATIC FIRE PROTECTION SYSTEMS: (Other Than A.S.) Area Protected by: HALON ☐; CO_2 ☐; HIGH EXPANSION FOAM ☐; Other (describe) _____. Comprises ____ m^2.

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM

OCCUPANCY & SPECIAL HAZARDS - (SECTIONS IV, V, VI & VII)

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

Describe: _____.

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

CIVIC NO.	FLOOR LEVEL	AREA (m^2)	IBC IND. CODE	
	basement		832	Ashbury College - Class rooms, Common Rooms, lockers showers Boiler Room & storage.
	1st			Classroom, Kitchen, Commercial Cooking Equipment, steel hood automatic protection system - partial coverage Semi annual maintenance contract in force. Dining room. Teachers residence & office.
	2nd			Classrooms & dormitories
	3rd			dormitories
Total Floor Area	100%	832	← (Building Owner's Interest)	- Continued on attached sheet ☐ -

GENERAL UNDERWRITING COMMENTS

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

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

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

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INSURERS' ADVISORY ORGANIZATION OF CANADA

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM

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

Address: No. Plan 362 Street/Road Etc., MARIPOSA AVENUE
Municipality Rockcliffe Park (Formerly) _____
Owned by: Ashbury College Occupied by: same
Age of building (Built in) 1910 ; Est. ☒ Additions Built in _____ ; _____ ; _____ ; Est. ☐
Condition of Building: Good ☒ ; Average ☐ ; Poor ☐.
Is building completely finished & out of workmens hands? Yes ☒ ; No ☐ IBC Code: Terr: 64 Ind: 23 Cons: 6 Prot: 1

BASIC CONSTRUCTION - (SECTION II)

- EXTERIOR WALLS:

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

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

(Describe material & thickness of all walls including make-up of combustible walls & any fire retardant impregnation. Also, check off appropriate wall supports below:)
Metal Clad

COLUMNS OF WOOD ☐ ; HEAVY WOOD (min. 150mm x 300mm) ☐ ; UNPROTECTED STEEL ☐ ; PROTECTED STEEL ☐, protected by _____ having a fire-resistance rating of _____ hrs.

PANELS of Non-Combustible material or GLASS ☐ ; COMBUSTIBLE ☐ (describe) _____

Wall: N. _____%; S. _____%; E. _____%; W. _____%.

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

Floor Level	% Aut. Spk. Sec	Fire Resistive & Masonry	Fire Res. in Hrs.	Non-Combustible	Combustible
Grade					wood
Roof					wood

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

SECONDARY CONSTRUCTION - (SECTION III)

- HEIGHT: (Nbr.) 1 Storeys High; Basement: Yes ☐ ; No ☐. (Nbr.) ___ Combustible Storeys Without Ground Level Access.

- VERTICAL OPENINGS: Number of Elevators - Passenger _____. Freight _____.

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

Elv., S'way or Other	Nbr.	From:	To:	ENCLOSURE(S)	DOOR(S)

- AREA:
Basement : ____ x ____ ; ____ x ____ ; ____ x ____ = ____ m^2
1st. Floor : ____ x ____ ; ____ x ____ ; ____ x ____ = 465 m^2
2nd. Floor : ____ x ____ ; ____ x ____ ; ____ x ____ = ____ m^2
3rd (& Other): ____ x ____ ; ____ x ____ ; ____ x ____ = ____ m^2

EFFECTIVE AREA: 465 m^2

Separation Walls ☐ (describe) _____. Total Area 465 m^2

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

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

- COMBUSTIBLE INTERIOR CONSTRUCTION: Floor Surfacing ☐ (describe & give % of total floor area affected) ____. Partitions/Walls ☐ (describe & give % of total interior wall area) ____. Mezzanines/Decks ☐ (describe & give % of total area of floors & roof) ____.

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

Specify FLOOR						
Walls:	Cpl					
Ceilings:	Pt					
Interior Partitions						
Smoke Developed						
Flame Spread						

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

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

- BUILDING CONDITION: Moderate ☐. Major ☐. Extreme Deficiencies ☐. Describe Sub-Standard Structural Conditions ____.

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

- HEATING: Building Heated? Yes ☑; No ☐. Borrowed Heat ☐. Describe Heating System Including Controls & Fuel Used: permanent electric
Describe Chimney(s) & Deficiencies If Any: ____.

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

- AIR CONDITIONING: — %; Central ☐; Window ☐.

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

MUNICIPAL PROTECTION - (SECTION IX)

- FIRE DEPARTMENT: Risk Within 2.5 km Of Nearest Fire Hall? Yes ☑; No ☐. If No - State Distance To Fire Hall: ____ km.

- HYDRANTS: Two Hydrants Within 155m of Risk? Yes ☑; No ☐. And All Parts Of Building Within 155m Of At Least One Hydrant? Yes ☑; No ☐. MAINS - 150mm ☑; 200mm ☐; 300mm ☐. Other (describe) ____. Circulating ☑; and/or Dead End ☐ Mains. Describe Deficiency (if any): one on a 125mm main.

- ACCESSIBILITY: Risk Accessible At Least On One Side By Street 15m In Width? Yes ☒; No ☐. If No - Describe ____.

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

- PRIVATE PROTECTION: Is There Exclusive Private Protection ☐, Or Supplement To Municipal Protection ☐. Describe ____.

INTERNAL PROTECTION - (SECTION XI)

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

- WATCHMAN SERVICE: Standard ☐, Including Proprietary Supervision ☐, Including Central Station Supervisory Ser. ☐. Describe: ____

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

- PARTIAL AUTOMATIC SPRINKLER SYSTEMS: Acceptable Waterflow Alarm To Approved CENTRAL STATION ☐. No Such Alarm ☐. Total area Protected by Automatic Sprinklers Comprises ____ M^2.

- OTHER LIMITED AUTOMATIC FIRE PROTECTION SYSTEMS: (Other Than A.S.) Area Protected by: HALON ☐; CO_2 ☐; HIGH EXPANSION FOAM ☐; Other (describe) ____. Comprises ____ m^2.

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM

OCCUPANCY & SPECIAL HAZARDS - (SECTIONS IV, V, VI & VII)

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

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

CIVIC NO.	FLOOR LEVEL	AREA (m^2)	IBC IND. CODE	
		46.5	830	Asbury College - Band Practice Room
Total Floor Area		46.5	830	← (Building Owner's Interest) - Continued on attached sheet ☐ -

GENERAL UNDERWRITING COMMENTS

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

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

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

Office

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

1.877.244.9437

optaintel.ca



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CONFIDENTIAL

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

Ontario

August 8, 2025

Jasper Koo
Stantec Consulting Ltd.
125 Commerce Valley Drive West, Unit 300
Thornhill, Ontario L3T 7W4
jasper.koo@stantec.com

Dear Jasper Koo:

RE: MECP FOI A-2025-03552, Your Reference #: 116501019 – Decision Letter

This letter is further to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 362 Mariposa Avenue, Ottawa

After a thorough search through the ministry files, records were located in response to your request. The final decision has been made to provide full access to the requested information. The official responsible for making the access decision on your request is the undersigned.

Section 57 of the Act authorizes certain fees to be charged for processing a request. Our charges for processing this request are:

- Search Time 1.6 @ 30/hour $47.50
- **Total** **$47.50**

In order to receive a copy of the records please forward this amount to our office. Payment(s) may be made by **September 8, 2025**. If payment has not been received by this date, the file will be closed, and you will be required to submit a new request.

The ministry's District Office has advised that there may be inactive records in the Records Centre, Mississauga. **Please note there is no guarantee that any records will be located responsive to your request.**

- If you would like us to retrieve these files, please **submit a new request and inform the analyst below**. Under the category Types of Record(s), select "Other Specific Document(s)" and under Specific Documents:
- indicate you are seeking records from the Record Centre in relation to file number [**A-2025-03552**].
- state you are seeking records from the Record Centre from the ministry's District Office.

- The $5 application fee will be applied towards any costs incurred with the retrieval of the records from the Records Centre.

- Payments can be made electronically at Freedom of Information Request for Property Information, or by cheque or money order made to the Ministry of Finance.

Please **do not** mail cash or send your payment information via email.

You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at http://www.ipc.on.ca. Please note there may be a fee associated with submitting the appeal.

If you decide to pursue this request after the deadline has passed, please contact the analyst below to discuss options that are available.

If you have any questions regarding this matter, contact Tara Hachey at tara.hachey@ontario.ca.

Yours truly,

Tara Hachey

For:

Josephine DeSouza
Manager, Access, and Privacy Office

Ontario

Hazardous Waste Information

These are historical waste records from the Hazardous Waste Information Network (HWIN) and System (HWIS), operated by the Ministry of the Environment, Conservation, and Parks. As of January 1, 2023, Resource Productivity and Recovery Authority's (RPRA) Hazardous Waste Program Registry has replaced HWIN.

Generator Details (HWIN)

Registration/Notification Number
ON2476000

Legal Company Name

Primary Name:	ASHBURY COLLEGE	Division Name:	N/A

Company Operating Name

Primary Name:	ASHBURY COLLEGE	Division Name:	N/A

Mailing Address

Division Building:	N/A	P.O. Box:	N/A
Address Line 1:	362 Mariposa Avenue	Address Line 2:	N/A
Town/City:	Rockcliffe	Postal/Zip Code:	K1M 0T3
County (if in ON):	OTTAWA CARLTON (RM)	Province/State (if in CAN/US):	ONTARIO
County (if outside ON):	N/A	Province/State (if outside CAN/US):	N/A

Site Location

Division Building:	N/A	P.O. Box:	N/A
Address Line 1:	362 MARIPOSA AVENUE	Address Line 2:	N/A
Town/City:	ROCKCLIFFE	Postal/Zip Code:	K1M 0T3
County (if in ON):	OTTAWA CARLTON (RM)	Province/State (if in CAN/US):	ONTARIO
County (if outside ON):	N/A	Province/State (if outside CAN/US):	N/A

Inactive Waste Classes (ON2476000)

Waste Class	Phsyical State	Site Type	Status
148 - A	Liquid	Off-Site	Inactive
148 - A	Liquid	Off-Site	Inactive
148 - A	Solid	Off-Site	Inactive
221 - I	Liquid	On-site Disposal	Inactive
252 - L	Liquid	Off-Site	Inactive
263 - A	Liquid	Off-Site	Inactive
263 - A	Liquid	Off-Site	Inactive
263 - A	Solid	Off-Site	Inactive

Active Waste Classes (ON2476000)

Active Off-Site Waste Classes

Waste Class	Hazardous Waste Number (per waste stream)	Reg.347 Schedules	Disposal Method	Part 2B required	Part 2B complete	Phsyical State	Off-Site	Status
122 - C	D002	5, 13	Small Quantity Generator Exemption	N		Solid	Off-Site	Active
145 - I	D001	5, 13	Small Quantity Generator Exemption	N		Gas	Off-Site	Active
145 - L	N/A					Liquid	Off-Site	Active
146 - T	D009	5, 13	Small Quantity Generator Exemption	N		Solid	Off-Site	Active
148 - B	U151	2B, 12	Small Quantity Generator Exemption	N		Solid	Off-Site	Active
148 - C	D002	5, 13	Small Quantity Generator Exemption	N		Liquid	Off-Site	Active
148 - C	D002	5, 13	Small Quantity Generator Exemption	N		Liquid	Off-Site	Active
148 - C	D002	5, 13	Small Quantity Generator Exemption	N		Liquid	Off-Site	Active
148 - I	D001	5, 13	Small Quantity Generator Exemption	N		Liquid	Off-Site	Active
148 - R	D003	5, 13	Small Quantity Generator Exemption	N		Liquid	Off-Site	Active
148 - R	D003	5, 13	Small Quantity Generator Exemption	N		Solid	Off-Site	Active
148 - T	D004	5, 13	Small Quantity Generator Exemption	N		Liquid	Off-Site	Active
148 - T	D008	5, 13	Small Quantity Generator Exemption	N		Solid	Off-Site	Active
212 - I	D001	5, 13	Small Quantity Generator Exemption	N		Liquid	Off-Site	Active
221 - I	D001	5, 13	Small Quantity Generator Exemption	N		Liquid	Off-Site	Active
241 - L	N/A					Solid	Off-Site	Active
243 - D	N/A					Solid	Off-Site	Active
243 - D	N/A					Solid	Off-Site	Active
251 - L	N/A					Liquid	Off-Site	Active
253 - T	E018	5	Small Quantity Generator Exemption	N		Solid	Off-Site	Active
263 - I	D001	5, 13	Small Quantity Generator Exemption	N		Liquid	Off-Site	Active

263 - I	D001	5, 13	Small Quantity Generator Exemption	N		Liquid	Off-Site	Active
263 - L	N/A					Solid	Off-Site	Active

Generator Details (HWIS)

Registration Number
ON2476000

Company Name

Name:	ASHBURY COLLEGE

Site Address

Address Line 1:	362 MARIPOSA AVENUE	Address Line 2:	N/A
Town/City:	ROCKCLIFFE	Postal/Zip Code:	K1M 0T3
Province:	ON		

Mailing Address

Address Line 1:	N/A	Address Line 2:	N/A
Town/City:	N/A	Postal/Zip Code:	N/A
Province:	N/A		

Other Location Details

Municipality:	ROCKCLIFFE PARK (04460304)	County:	OTTAWA CARLTON (RM) (46)
District:	OTTAWA DISTRICT OFFICE (402)	Region:	EASTERN REGION (04)

Waste Registration (ON2476000)

Major Waste Class	Minor Waste Class	Waste Status	Phsyical State	Specific Gravity	Est. Quantity (Annual)	Record Date
INORGANIC LABORATORY CHEMICALS	N/A	REACTIVE	SOLID	0.0	0.0	2002-07-30
ORGANIC LABORATORY CHEMICALS	N/A	REACTIVE	LIQUID	0.8	0.0	2002-07-30
WASTE OILS & LUBRICANTS	LP	N/A	LIQUID	1.0	600.0	1999-11-30
INORGANIC LABORATORY CHEMICALS	AP	N/A	LIQUID	1.0	600.0	1999-11-30
ORGANIC LABORATORY CHEMICALS	AP	N/A	LIQUID	1.0	600.0	1999-11-30

File Copy for ON2476000 SCHEDULE 'A' - FILE COPY

December 1, 1999

ASHBURY COLLEGE
362 MARIPOSA AVENUE

ROCKCLIFFE, ONT
K1M 0T3

Attention: MR. CHRIS MIEDEMA

Re: Acknowledgement of Subject Waste Registration

In accordance with Subsection 18(3) of Ontario Regulation 347, this letter acknowledges receipt of your Generator Registration report dated November 9, 1999. The Generator Registration Number assigned to your company is:

ON2476000

for the site located at: 362 MARIPOSA AVENUE

ROCKCLIFFE
ONT

A list of acknowledged waste number(s) is attached as Schedule 'A'. The format of this schedule has been modified since July 1993. A waste number now appears only once, regardless of the number of different waste streams which may have identical waste numbers. The waste description is also generic. However, you are still required to register all waste streams, even if they have identical waste numbers.

For off-site disposal of subject waste, the appropriate waste number(s) acknowledged in Schedule 'A', and the Generator Registration Number, must be entered in Part A of each manifest form after receipt of this generator registration document. Under Ontario's Environmental Protection Act, the property receiving the waste must be approved as a disposal site for the waste it is receiving. The disposal of waste at an uncertified site is illegal.

The selection of accurate waste numbers is your responsibility. This acknowledgement must not be considered a confirmation of the accuracy of the information submitted by you. Should the waste number(s) 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 347.

SCHEDULE 'A'

In accordance with information submitted with your generator registration report(s), the site indicated below is registered for the waste number(s) shown on this schedule, which may represent more than one waste stream. This attached Schedule forms part of the acknowledgement of generator registration report dated November 9, 1999 for the following site:

ASHBURY COLLEGE
362 MARIPOSA AVENUE

ROCKCLIFFE
ONT

identified by Generator Registration Number ON2476000, dated in Toronto, December 1, 1999.

WASTE STREAM	WASTE NUMBER
INORGANIC LABORATORY CHEMICALS	148A
WASTE OILS & LUBRICANTS	252L
ORGANIC LABORATORY CHEMICALS	263A

----- End of List ----

Post Inspection Compliance Checklist

School Name — Ashburn College

Date for Compliance Reminder Telephone Call

Actions Required Items	Date Due	Date Received
Flushing Records	Oct. 24/08	Nov 11/09 ✓
Flushing Written Procedure		
Flushing as Required		
Sample Record	Oct. 24/08	Nov 16/09 ✓
Written Sample Procedure		
Sample Results		
Written Lab Procedures		
Laboratory Services Notification (LSN)		

* Note: Create bring forward dates in Outlook for Actions Required

Inspection Time-tracking Worksheet

Inspector: ~~Tom~~ TB

DWS Name: Ashbury College

Insp. #:

Categories:

PIRR	Pre Inspection Research / Review
FI	Field Inspection
RP	Report Preparation

Cat.	Date	Start	Finish	Time	Total	Notes
PIRR	16 June	11:00	11:30	30	:30	Lookup, call, LM to CB
PIRR	20 June 08	3:15	3:20	:05	:35	LM to CB
"	25 June 08	8:15	8:45	:30	1:05	Call
FI	30 June 08	9:00	9:05	:05	1:10	Insp. - LM to CB
FI	"	11:15	11:20	05	1:15	
FI	7 July 08	11:00	11:05	05	1:20	LM to CB
FI	16 July 08	3:10	3:15	05	1:25	LM to CB
PIRR	"			:05	1:30	Review faxes and notes
FI	17 July 08	8:40	8:50	:10	1:45	Called, LM to re called.
FI	18 July 08	9:05	9:10	:05	1:50	LM that I'll call @ 2:00
"	18 July	2:00	2:05	:05	1:55	LM to CB
"	7 Aug 08	2:00	205	:05	2:00	LM to CB
"	15 Aug 08	3:15	3:30	:15	2:15	Spoke to Karen M. - called insp.
"	20 Aug 08	9:05	9:10	:05	2:20	Reid call from Dan P.
"	12 Sept 08			:05	2:25	LM to call Back
	18 Sept	9:45	10:00	:25	2:50	Traded emails.
FI	18 Sept.	9:30	10:45	1:15	4:05	Insp.
FI	"	10:45	11:30	:45	4:50	Lookup Paraded w Todd B.
RP	"	12:00	12:05	:05	4:55	~~Draft~~
RP	27 Sept			1:05	8:00	Draft
RP	29 Sept.	12:45	1:00	:15		
"	"	2:00	3:45	1:45	9:00	1st Draft done.
"	30 Sept	8:20	8:35	:15	8:15	Review, respond to email.
"	8 Oct	4:30	4:50	:20	8:35	Revise
"	9 Oct	8:30	8:35	:05	8:40	Print Final (sent Oct. 14)
IF	18 Dec 08	2:25	2:30	05	8:45	LM to CB
IF	13 Jan 09			:15	9:00	Reid msg - called and LM to CB

Oct. 14/09 - Sent

Inspection Time-tracking Worksheet

Inspector: TB

DWS Name: Ashburn College Page 2

Insp. #: 5001259320

Categories:

PIRR	Pre Inspection Research / Review
FI	Field Inspection
RP	Report Preparation

9:00

Cat.	Date	Start	Finish	Time	Total	Notes
IF	11 Mar 09	2:40	3:00	:20	9:20	LM to IB, send docs - sent email.
IF	" "	3:20	3:50	:30	9:50	Reid email, responded
"	20 " 09	3:45	4:00	15	10:05	Reviewed email - sample round. All doc's received. - worked started incident report.
"	6 Apr. 09	3:30	4:30	1:00	11:05	Draft.

Ontario

Ministry of the Environment

INCIDENT REPORT

DW System

Name: R243 ASHBURY COLLEGE (886297)

Address: 362 MARIPOSA AVE, OTTAWA, K1M 0T3, Canada

District Office: Ottawa District

DWS #: 500125932

DWS Category: Designated Facility

DWS Owner

Name: ASHBURY COLLEGE

Mailing Address: 362 MARIPOSA Ave OTTAWA ON Canada K1M 0T3

Physical Address: 362 MARIPOSA Ave OTTAWA ON Canada K1M 0T3

Phone:

Fax:

Email:

Client Type: COMMERCIAL

MOE Information

Incident Report #: 1-7FBNY

Master Incident Report #: 1-7FBNY

AWQI #:

Master AWQI #:

Date & Time Reported to MOE: October 27, 2008 04:01:29 PM

Office Receiving Incident Report: TORONTO DISTRICT

Incident Info Received By: BEATYTA

Incident Type: Inspection Non-Compliance

Incident Summary: O. Reg. 243/07 inspection non-compliance

MOE Response: No Further Response

Date & Time MOE Arrival:

Was an ERP called out? N

IDS Reference #:

Incident Description

Incident Date	Incident Description	Created By
September 18, 2008 09:30:26 AM	* R243 Facilities Drinking Water Inspectors reside in the Safe Drinking Water Branch Director's Office, located in Toronto, Ontario. Currently, LWIS is not capable of recording this information. * Provincial Officer Taran Beaty (TB) conducted a telephone inspection of Ashbury College with Faciliities Manager Lee Goodwin (LG).	BEATYTA
October 14, 2008 03:46:36 PM	TB mailed inspection report 1-6MTQL to the facility. The report described the facility's level of compliance with O. Reg. 243/07, and contained Action Items that the facility was required to comply with, within a specified time frame. Ashbury College was required to: Immediately ensure all cold-water taps in commonly used washrooms are flushed daily; Within 5 days of receiving the report, send to TB recent flushing records containing all information required by section 4(4) of O. Reg. 243/07; Within 5 days of receiving the report, send to TB a completed sampling record.	BEATYTA
December 18, 2008 02:25:20 PM	The required records have not yet been received. TB called and left a message for LG to call back to discuss.	BEATYTA
January 13, 2009 08:10:03 AM	TB received voice-mail from LG stating: inspection report was received, and actions immediately taken to address flushing in student residences. Flushing records have been modified to contain all information required by sect. 4(4) of O. Reg. 243/07. TB called back, and left a message for LG to please send flushing and sampling records as required by inspection report.	BEATYTA
March 11, 2009 02:40:07 PM	TB left voicemail message for LG to please call back and indicate when required documents will be submitted, as discussed in inspection report, and in January 13, 2009 message. TB followed up with an e-mail to LG, pointing out the requirements as stated in the inspection report.	BEATYTA
March 11, 2009 03:30:53 PM	LG emailed a copy of flushing records to TB. The records contain all information required by sect. 4(4) of O. Reg. 243/07. TB left a phone message and sent an e-mail in response, asking for a copy of a completed sample record.	BEATYTA
March 16, 2009 03:04:53 PM	LG e-mailed a completed sample record to TB. The record is made using the Ministry's template, and contains all information required by section 5(2)(12) of O. Reg. 243/07. Recommended for closure.	BEATYTA

Offences

Suspected Violations(s)/Offences(s)

Provision/Provision Wording: O.Reg. 243/07 4(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. 4 (3).

Compliance Action: Voluntary Abatement

Date Compliance Achieved: March 11, 2009

Summary of Details:

Cold-water taps in washrooms in the main campus were not being flushed in the morning.

Actions/Recommendations:

Effective immediately, Ashbury College shall ensure all cold-water taps in commonly used washrooms are flushed daily, following the procedure described in section 4(3) of O. Reg. 243/07.

Provision/Provision Wording: O.Reg. 243/07 5(2)12

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).

Compliance Action: Voluntary Abatement

Date Compliance Achieved: March 16, 2009

Summary of Details:

There is no record made of the name of the person who took the samples, or of how long the water was standing unused in the plumbing prior to taking the first sample.

Section 5(2) par. 12 of O. Reg. 243/07 requires that a record is made of: the date and time when, and the location where, the samples were taken; the name of the person who took the samples; and an estimate of the standing period before the first sample was taken.

Actions/Recommendations:

Effectively immediately, Ashbury College maintain records of samples, in accordance with section 5(2) par 12 of O. Reg. 243/07.

Within five (5) days of receiving this report, Ashbury College shall send copies of sampling records to: Taran Beaty, Inspector, Ministry of the Environment, Safe Drinking Water Branch, 2 St. Clair Ave. W - 19th Floor, Toronto, ON M4V 1L5; fax: 416-212-7576; taran.beaty@ontario.ca.

Offences

Suspected Violations(s)/Offences(s)

Provision/Provision Wording: O.Reg. 243/07 4(4)

(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,

(a) the name of the person who performed the flushing; or

(b) if all or part of the plumbing was flushed by an automatic device, the name of the person who verified that the automatic flushing took place.

Compliance Action: Voluntary Abatement

Date Compliance Achieved: March 11, 2009

Summary of Details:

There is no record of the full name of the person flushing, or the time when the flushing was performed, as required by section 4(4) of O. Reg. 243/07. There are no records of the end-of-branch flushes performed by Mr. Goodwin each morning.

Actions/Recommendations:

Effective immediately, Ashbury College shall maintain records of the date and time of every flushing required by the regulation, and the name of the person who performed the flushing, as required by section 4(4) of O. Reg. 243/07.

Within five (5) days of receiving this report, Ashbury College shall send copies of recent flushing records, which demonstrate flushing in accordance with O. Reg. 243/07, to: Taran Beaty, Inspector, Ministry of the Environment, Safe Drinking Water Branch, 2 St. Clair Ave. W - 19th Floor, Toronto, ON M4V 1L5; fax: 416-212-7576; taran.beaty@ontario.ca.

Caller/PO Information

Contact Name:

Company:

Telephone #:

Fax Number:

Email Address:

Mailing Address: 2 St. Clair Ave. W. 19th floor

Toronto, ON M4V 1L5

Provincial Officer

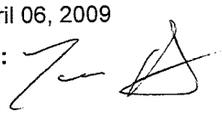
Name: Taran Beaty

Work Unit: Drinking Water Inspections Unit

Badge #: 1351

District/Area Office: Ottawa District

Date: April 06, 2009

Signature: 

Supervisor

Name: Natalie Boyd

Work Unit: Drinking Water Inspections Unit

District/Area Office: Ottawa District

Date: ~~April 06, 2009~~

Signature: Natalie Boyd

April 22, 2009

000017

Beaty, Taran (ENE)

From: Dale Robertson [robertsond@paracellabs.com]
Sent: April 22, 2009 1:33 PM
To: Coelho-Murphy, Sonia (ENE); Lee Goodwin
Cc: Beaty, Taran (ENE)
Subject: RE: Ashbury College-500125932

Hi Lee/Sonia,

As Lee said, we did do a number of water samples last August for Ashbury College. Unfortunately, we weren't aware at the time that the samples were regulated and required reporting. We normally notify potential clients when we provide pricing about our policy of not accepting these types of samples, but these ones obviously slipped through. Rest assured that as an accredited and licensed lab, our analytical procedures meet or exceed all of the necessary requirements and that data quality and integrity has not been compromised.

I do have the results here and can upload them to the DWIS if required, however, I will need Ashbury's DWS number. Sonia, please advise on how you would like me to proceed with this.

Moving forward, if further testing is required, as we are still currently not accepting Reg 318 samples, Lee, I would suggest that pricing information be obtained from either Bodycote (727-5692), or Caduceon (526-0123), both of whom are licensed for this work.

I do apologize for any confusion or concern this may have caused.

Regards ,

Dale Robertson,
Paracel Laboratories Ltd.
Lab Director

From: Coelho-Murphy, Sonia (ENE) [mailto:Sonia.Coelho@ontario.ca]
Sent: Wednesday, April 22, 2009 12:24 PM
To: Lee Goodwin
Cc: Dale Robertson; Beaty, Taran (ENE)
Subject: RE: Ashbury College-500125932

Dale

Can you fill Mr. Goodwin in as I am a little confused myself?

Thanks

Sonia Coelho-Murphy
Ministry of the Environment
Phone: 416-235-6311
Email: Sonia.Coelho@ontario.ca

Please consider the environment before printing this email.

22/04/2009

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: April 22, 2009 12:22 PM
To: Coelho-Murphy, Sonia (ENE)
Subject: Re: Ashbury College-500125932

Sonia

not sure what the issue is with Paracel, but they did the annual testing in Aug. 08 and several other tests in 2008 as well as 2007 for the school, do you want me to forward there report to me from Aug or 08?

thanks
lee

Lee Goodwin
Facilities Management & Engineer
Ashbury College Inc.
362 Mariposa Avenue
Ottawa, Ontario K1M 0T3

Phone +1(613) 749-9630 ext. 230
Fax +1 (613) 749-9724
lgoodwin@ashbury.ca
Web:www.ashbury.ca

Character.Commitment.Achievement.

"Coelho-Murphy, Sonia (ENE)" <Sonia.Coelho@ontario.ca> writes:
Hi Lee

I got your message; thank you for calling me back. I'm not sure what you've been told, but the Manager at Paracel Laboratories told me that he is not accepting any samples at this point and he shouldn't have any clients.

You can find a lead licensed lab by checking our website (http://www.ene.gov.on.ca/en/water/sdwa/licensedlabs.php).

Please let me know if you require any further assistance.

Regards,

Beaty, Taran (ENE)

From: Coelho-Murphy, Sonia (ENE)
Sent: April 22, 2009 12:24 PM
To: Lee Goodwin
Cc: Dale Robertson; Beaty, Taran (ENE)
Subject: RE: Ashbury College-500125932

Dale

Can you fill Mr. Goodwin in as I am a little confused myself?

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Sonia Coelho-Murphy
Ministry of the Environment
Phone: 416-235-6311
Email: Sonia.Coelho@ontario.ca

Please consider the environment before printing this email.

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Subject: Re: Ashbury College-500125932

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thanks
lee

Lee Goodwin
Facilities Management & Engineer
Ashbury College Inc.
362 Mariposa Avenue
Ottawa, Ontario K1M 0T3

Phone +1(613) 749-9630 ext. 230
Fax +1 (613) 749-9724
lgoodwin@ashbury.ca
Web:www.ashbury.ca

22/04/2009

Character.Commitment.Achievement.

"Coelho-Murphy, Sonia (ENE)" <Sonia.Coelho@ontario.ca> writes:

Hi Lee

I got your message; thank you for calling me back. I'm not sure what you've been told, but the Manager at Paracel Laboratories told me that he is not accepting any samples at this point and he shouldn't have any clients.

You can find a lead licensed lab by checking our website (http://www.ene.gov.on.ca/en/water/sdwa/licensedlabs.php).

Please let me know if you require any further assistance.

Regards,

Sonia Coelho-Murphy

AWQI & LSN Activities Admin. Assistant

Ministry of the Environment

Laboratory Services Branch

Phone: 416-235-6311

Fax: 416-235-6312

Email: Sonia.Coelho@ontario.ca

Please consider the environment before printing this email.

22/04/2009

Beaty, Taran (ENE)

From: Coelho-Murphy, Sonia (ENE)
Sent: April 22, 2009 9:37 AM
To: lgoodwin@ashbury.ca
Cc: Beaty, Taran (ENE)
Subject: Ashbury College-500125932

Hi Lee

I got your message; thank you for calling me back. I'm not sure what you've been told, but the Manager at Paracel Laboratories told me that he is not accepting any samples at this point and he shouldn't have any clients.

You can find a lead licensed lab by checking our website (http://www.ene.gov.on.ca/en/water/sdwa/licensedlabs.php).

Please let me know if you require any further assistance.

Regards,

Sonia Coelho-Murphy
AWQI & LSN Activities Admin. Assistant
Ministry of the Environment
Laboratory Services Branch
Phone: 416-235-6311
Fax: 416-235-6312
Email: Sonia.Coelho@ontario.ca

Please consider the environment before printing this email.

Beaty, Taran (ENE)

From: Beaty, Taran (ENE)
Sent: March 20, 2009 3:59 PM
To: 'Lee Goodwin'
Subject: RE: Outstanding documents req'd in O. Reg. 243/07 inspection report.

Lee Goodwin, Facilities Manager
Ashbury College

Hello Lee,
Thank you for the sampling record. While I've seen the test results and Chain of Custody form, this is the first time I've seen the record which includes the standing time before the first sample, and the name of who did the sampling.
At this time I do not require any further documents from Ashbury College. Thank you for you assistance with this inspection, and feel free to contact me if you have any questions.

Sincerely,

Taran Beaty
Facilities Drinking Water Inspector
Ministry of the Environment
Safe Drinking Water Branch
2 St. Clair Ave. W - 19th Floor
Toronto, ON M4V 1L5
Ph: 416-314-7626
Fax: 416-326-8671; 416-212-7576
taran.beaty@ontario.ca

Provincial Officer Badge #1351

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: March 16, 2009 3:04 PM
To: Beaty, Taran (ENE)
Subject: Re: Outstanding documents req'd in O. Reg. 243/07 inspection report.

Teran

I have located the test results and forms from Aug. 08, please see attached files, I recall sending this but have not done a search in my e-mails as of yet.

thanks
lee

20/03/2009

Beaty, Taran (ENE)

From: Lee Goodwin [lgoodwin@ashbury.ca]
Sent: March 16, 2009 3:04 PM
To: Beaty, Taran (ENE)
Subject: Re: Outstanding documents req'd in O. Reg. 243/07 inspection report.
Attachments: sampling record Aug08.pdf; 0833145 FINAL 19 Aug 08 1 2.pdf

Teran

I have located the test results and forms from Aug. 08, please see attached files, I recall sending this but have not done a search in my e-mails as of yet.

thanks
lee

"Beaty, Taran (ENE)" <Taran.Beaty@ontario.ca> writes:
Hello, Lee.

Yes, e-mail will be fine. Thank you. I notice that some of the required information is recorded on the "Chain of Custody" form for those samples (taken August 14, 2008). What's missing is the name of the person sampling, and the estimate of how long the water stood unused before the first sample was taken (i.e.: how "stale" was the water, in hours?).

If you have the same information on samples taken in 2007, I'd recommend adding that as well; however, I'd like to at least see that the details of the August 2008 sampling are recorded.

Taran Beaty

Facilities Drinking Water Inspector

Ministry of the Environment

Safe Drinking Water Branch

2 St. Clair Ave. W - 19th Floor

Toronto, ON M4V 1L5

Ph: 416-314-7626

Fax: 416-326-8671; 416-212-7576

taran.beaty@ontario.ca

20/03/2009

Provincial Officer Badge #1351

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: March 11, 2009 4:35 PM
To: Beaty, Taran (ENE)
Subject: Re: Outstanding documents req'd in O. Reg. 243/07 inspection report.

Teran

yes this is the form you recommended in the fall of 08 and is what we used, I will research through my records and locate is sending via email acceptable?

thanks
lee

"Beaty, Taran (ENE)" <Taran.Beaty@ontario.ca> writes:
Hello Lee,

Thank you for sending me the flushing records. I've reviewed them, and find they contain all information required by section 4(4) of O. Reg. 243/07.

Please find attached a sample record template, which I recommend you use to complete the sample record referred to below. This record contains information required by section 5(2) (12) of O. Reg. 243/07, which is not necessarily captured in the test results which you emailed to me in September, 2008.

Please call me if you have any questions,

Taran Beaty

Facilities Drinking Water Inspector

20/03/2009

Ontario Tap Water

O. Reg. 243/07 Sampling Record

GENERAL INFORMATION	School	Private School	Day Nursery
Type of Facility:		Grade 4 - 12	
Name of School Board:	Ashbury College Inc.		
Name of Facility:	Ashbury College		
Ministry of Education School SFIS Number:	886297		
Day Nursery License Number:			
Earliest date plumbing was installed:	1927		
Drinking Water System Name (if known):	Ottawa / Carleton		
Name of Principal/Contact Person:	Lee Goodwin		
Mailing Address:	362 Mariposa Avenue		
E-mail Address:	lgoodwin@ashbury.ca		
Telephone No:	613-749-9630 ext. 230		
Fax No:	613-749-9724		

ANNUAL SAMPLING/TESTING

Date Sample Taken (DD/MMM/YYYY)	Sampling Location (e.g. which floor, wing, tap)	Estimate of Standing Period before 1st sample was taken (hh:mm)	Time First Sample Taken (hh:mm)	Time Second Sample Taken (hh:mm)	Name of Person Sampling	Date Sample Results Received (DD/MMM/YYYY)	First Sample Results (µg/L)	Second Sample Results (µg/L)
14/08/2008	Kitchen Prep Area	330 hours 0 minutes	6:05 AM	6:37 AM	Lee Goodwin	19/08/2008	1.1	0.6
14/08/2008	Kitchen Prep Area	330 hours 0 minutes	6:05 AM	6:37 AM	Lee Goodwin	19/08/2008	0.7	0.7
14/08/2008	Kitchen Prep Area	330 hours 0 minutes	6:05 AM	6:37 AM	Lee Goodwin	19/08/2008	0.7	1.3
14/08/2008	Junior School End of Line	240 hours 0 minutes	6:15 AM	6:48 AM	Lee Goodwin	19/08/2008	0.9	0.8
14/08/2008	Junior School End of Line	240 hours 0 minutes	6:15 AM	6:48 AM	Lee Goodwin	19/08/2008	0.8	0.9
14/08/2008	Junior School End of Line	240 hours 0 minutes	6:15 AM	6:48 AM	Lee Goodwin	19/08/2008	0.5	0.8

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300-2319 St. Laurent Blvd.
Ottawa, Ontario K1G 4J8

p: 1-800-749-1947
e: paracel@paracellabs.com

www.paracellabs.com

OTTAWA ✻ NIAGARA FALLS ✻ MISSISSAUGA ✻ SARNIA

Certificate of Analysis

Ashbury College
362 Mariposa Avenue
Ottawa, ON K1M 0T3
Attn: Lee Goodwin

Phone: (613) 749-5954
Fax: (613) 749-9724

Report Date: 19-Aug-2008
Order Date: 15-Aug-2008
Order #: 0833145

Client PO:
Project:
Custody: 42887

This Certificate of Analysis contains analytical data applicable to the following samples submitted:

Paracel ID	Client ID
0833145-01	1 Kitchen Prep 6:05 AM
0833145-02	2 Kitchen Prep 6:05 AM
0833145-03	3 Kitchen Prep 6:05 AM
0833145-04	4 Kitchen Prep 6:37 AM
0833145-05	5 Kitchen Prep 6:37 AM
0833145-06	6 Kitchen Prep 6:37 AM
0833145-07	7 Junior EDL 6:15 AM
0833145-08	8 Junior EDL 6:15 AM
0833145-09	9 Junior EDL 6:15 AM
0833145-10	10 Junior EDL 6:48 AM
0833145-11	11 Junior EDL 6:48 AM
0833145-12	12 Junior EDL 6:48 AM

Approved By: Mark Foto

Mark Foto, M.Sc. For Dale Robertson, BSc
Laboratory Director

Any use of these results implies your agreement that our total liabilty in connection with this work, however arising shall be limited to the amount paid by you for this work, and that our employees or agents shall not under circumstances be liable to you in connection with this work

PARACEL
LABORATORIES LTD.

Order #: 0833145

Certificate of Analysis

Report Date: 19-Aug-2008
Order Date:15-Aug-2008

Client: **Ashbury College**
Client PO:

Project Description:

Analysis Summary Table

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Metals, low level	EPA 200.8 - ICP-MS	15-Aug-08	18-Aug-08

PARACEL

Order #: 0833145

Report Date: 19-Aug-2008
Order Date:15-Aug-2008

Certificate of Analysis

Client: **Ashbury College**
Client PO:

Project Description:

	Client ID:	1 Kitchen Prep 6:05 AM	2 Kitchen Prep 6:05 AM	3 Kitchen Prep 6:05 AM	4 Kitchen Prep 6:37 AM
	Sample Date:	14-Aug-08	14-Aug-08	14-Aug-08	14-Aug-08
	Sample ID:	0833145-01	0833145-02	0833145-03	0833145-04
	MDL/Units	Water	Water	Water	Water
Metals					
Aluminum	1 ug/L	28	30	28	31
Antimony	0.5 ug/L	<0.5	<0.5	0.6	<0.5
Arsenic	1 ug/L	<1	<1	<1	<1
Barium	5 ug/L	16	15	17	15
Beryllium	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Boron	10.0 ug/L	11.5	10.2	<10.0	10.2
Cadmium	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Calcium	100 ug/L	8820	8070	8770	8230
Chromium	1 ug/L	<1	<1	<1	<1
Cobalt	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Copper	0.5 ug/L	88.6	76.8	82.2	78.6
Iron	100 ug/L	<100	<100	<100	<100
Lead	0.1 ug/L	1.1	0.7	0.7	0.6
Magnesium	200 ug/L	2160	1950	2170	2060
Manganese	5 ug/L	<5	<5	<5	<5
Molybdenum	1 ug/L	<1	<1	<1	<1
Nickel	1 ug/L	6	4	6	2
Potassium	100 ug/L	681	653	669	684
Selenium	1 ug/L	<1	<1	<1	<1
Silver	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Sodium	200 ug/L	19400	19900	20000	20300
Thallium	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Tin	5 ug/L	<5	<5	<5	<5
Vanadium	1 ug/L	<1	<1	<1	<1
Zinc	10 ug/L	36	83	141	24

PARACEL LABORATORIES LTD.

Order #: 0833145

Certificate of Analysis

Report Date: 19-Aug-2008

Order Date:15-Aug-2008

Client: **Ashbury College**

Client PO:

Project Description:

	Client ID:	5 Kitchen Prep 6:37 AM	6 Kitchen Prep 6:37 AM	7 Junior EDL 6:15 AM	8 Junior EDL 6:15 AM
	Sample Date:	14-Aug-08	14-Aug-08	14-Aug-08	14-Aug-08
	Sample ID:	0833145-05	0833145-06	0833145-07	0833145-08
Metals	MDL/Units	Water	Water	Water	Water
Aluminum	1 ug/L	29	29	33	30
Antimony	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Arsenic	1 ug/L	<1	<1	<1	<1
Barium	5 ug/L	15	15	15	15
Beryllium	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Boron	10.0 ug/L	10.5	10.3	10.6	10.3
Cadmium	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Calcium	100 ug/L	8110	8240	8520	8280
Chromium	1 ug/L	<1	<1	<1	<1
Cobalt	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Copper	0.5 ug/L	79.7	78.6	87.7	94.3
Iron	100 ug/L	<100	<100	<100	<100
Lead	0.1 ug/L	0.7	1.3	0.9	0.8
Magnesium	200 ug/L	1950	2010	2020	1980
Manganese	5 ug/L	<5	<5	<5	<5
Molybdenum	1 ug/L	<1	<1	<1	<1
Nickel	1 ug/L	2	9	2	1
Potassium	100 ug/L	658	674	683	670
Selenium	1 ug/L	<1	<1	<1	<1
Silver	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Sodium	200 ug/L	19800	19500	19300	18900
Thallium	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Tin	5 ug/L	<5	<5	<5	<5
Vanadium	1 ug/L	<1	<1	<1	<1
Zinc	10 ug/L	16	53	76	<10

PARACEL

Order #: 0833145

Certificate of Analysis

Report Date: 19-Aug-2008
Order Date:15-Aug-2008

Client: **Ashbury College**

Client PO:

Project Description:

	Client ID:	9 Junior EDL 6:15 AM	10 Junior EDL 6:48 AM	11 Junior EDL 6:48 AM	12 Junior EDL 6:48 AM
	Sample Date:	14-Aug-08	14-Aug-08	14-Aug-08	14-Aug-08
	Sample ID:	0833145-09	0833145-10	0833145-11	0833145-12
	MDL/Units	Water	Water	Water	Water
Metals					
Aluminum	1 ug/L	30	31	32	31
Antimony	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Arsenic	1 ug/L	<1	<1	<1	<1
Barium	5 ug/L	15	15	15	15
Beryllium	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Boron	10.0 ug/L	10.6	10.4	10.3	10.5
Cadmium	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Calcium	100 ug/L	8040	8350	8100	8070
Chromium	1 ug/L	<1	<1	<1	<1
Cobalt	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Copper	0.5 ug/L	103	110	80.3	105
Iron	100 ug/L	<100	<100	<100	<100
Lead	0.1 ug/L	0.5	0.8	0.9	0.8
Magnesium	200 ug/L	1980	2000	2000	1970
Manganese	5 ug/L	<5	<5	<5	<5
Molybdenum	1 ug/L	<1	<1	<1	<1
Nickel	1 ug/L	<1	2	3	2
Potassium	100 ug/L	650	675	655	665
Selenium	1 ug/L	<1	<1	<1	<1
Silver	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Sodium	200 ug/L	19600	18800	19100	19000
Thallium	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Tin	5 ug/L	<5	<5	<5	<5
Vanadium	1 ug/L	<1	<1	<1	<1
Zinc	10 ug/L	<10	<10	<10	<10

PARACEL LABORATORIES LTD.

Order #: 0833145

Certificate of Analysis

Report Date: 19-Aug-2008

Client: **Ashbury College**

Order Date:15-Aug-2008

Client PO:

Project Description:

Method Quality Control: Blank

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Metals									
Aluminum	ND	1	ug/L						
Antimony	ND	0.5	ug/L						
Arsenic	ND	1	ug/L						
Barium	ND	5	ug/L						
Beryllium	ND	0.5	ug/L						
Boron	ND	10.0	ug/L						
Cadmium	ND	0.1	ug/L						
Calcium	ND	100	ug/L						
Chromium	ND	1	ug/L						
Cobalt	ND	0.5	ug/L						
Copper	ND	0.5	ug/L						
Iron	ND	100	ug/L						
Lead	ND	0.1	ug/L						
Magnesium	ND	200	ug/L						
Manganese	ND	5	ug/L						
Molybdenum	ND	1	ug/L						
Nickel	ND	1	ug/L						
Potassium	ND	100	ug/L						
Selenium	ND	1	ug/L						
Silver	ND	0.1	ug/L						
Sodium	ND	200	ug/L						
Thallium	ND	0.1	ug/L						
Tin	ND	5	ug/L						
Vanadium	ND	1	ug/L						
Zinc	ND	10	ug/L						

PARACEL

Order #: 0833145

Report Date: 19-Aug-2008
Order Date:15-Aug-2008

Certificate of Analysis

Client: **Ashbury College**

Client PO: Project Description:

Method Quality Control: Duplicate

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Metals									
Aluminum	66.4	1	ug/L	70.5			5.9	27	
Antimony	ND	0.5	ug/L	ND				26	
Arsenic	1.3	1	ug/L	1.3			0.2	29	
Barium	22.4	5	ug/L	22.9			2.0	34	
Beryllium	ND	0.5	ug/L	ND				25	
Boron	25	10.0	ug/L	23			5.8	33	
Cadmium	ND	0.1	ug/L	ND				33	
Calcium	32800	100	ug/L	33900			3.1	30	
Chromium	5.2	1	ug/L	5.1			0.8	32	
Cobalt	ND	0.5	ug/L	ND				32	
Copper	0.82	0.5	ug/L	0.69			17.3	32	
Iron	ND	100	ug/L	ND				32	
Lead	ND	0.1	ug/L	ND				32	
Magnesium	8120	200	ug/L	8400			3.4	30	
Manganese	ND	5	ug/L	ND				29	
Molybdenum	4.6	1	ug/L	4.5			2.1	29	
Nickel	1.0	1	ug/L	1.1			200.0	29	QR-01
Potassium	1520	100	ug/L	1530			0.8	28	
Selenium	1.3	1	ug/L	1.4			2.4	28	
Silver	1.58	0.1	ug/L	0.49			106.0	28	QR-01
Sodium	15000	200	ug/L	15300			2.2	27	
Thallium	ND	0.1	ug/L	ND				27	
Tin	ND	5	ug/L	ND				27	
Vanadium	1.6	1	ug/L	1.7			0.6	27	
Zinc	ND	10	ug/L	ND				27	

PARACEL LABORATORIES LTD.

Order #: 0833145

Certificate of Analysis

Report Date: 19-Aug-2008

Client: **Ashbury College**

Order Date:15-Aug-2008

Client PO:

Project Description:

Method Quality Control: Spike

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Metals									
Aluminum	51.3		ug/L	ND	103	74-130			
Antimony	56.7		ug/L	0.18	113	78-126			
Arsenic	60.3		ug/L	1.3	118	83-119			
Barium	73.8		ug/L	22.9	102	83-116			
Beryllium	51.3		ug/L	ND	103	72-132			
Boron	75		ug/L	23	103	71-128			
Cadmium	51.8		ug/L	ND	104	78-119			
Calcium	1240		ug/L	ND	124	64-127			
Chromium	52.9		ug/L	5.1	95.5	80-124			
Cobalt	48.9		ug/L	0.04	97.6	78-125			
Copper	49.4		ug/L	0.69	97.5	75-123			
Iron	1070		ug/L	ND	108	66-119			
Lead	50.7		ug/L	ND	101	77-126			
Magnesium	1000		ug/L	ND	100	75-131			
Manganese	52.6		ug/L	0.4	104	79-123			
Molybdenum	56.0		ug/L	4.5	103	82-119			
Nickel	48.8		ug/L	1.1	95.5	78-119			
Potassium	2460		ug/L	1530	92.4	70-129			
Selenium	64.1		ug/L	1.4	125	81-125			
Silver	49.9		ug/L	0.49	98.9	70-128			
Sodium	1010		ug/L	ND	101	67-132			
Thallium	52.7		ug/L	ND	105	82-127			
Tin	51.5		ug/L	ND	103	75-123			
Vanadium	50.6		ug/L	1.7	97.9	82-123			
Zinc	52		ug/L	0.6	104	78-130			

PARACEL

Order #: 0833145

Report Date: 19-Aug-2008
Order Date:15-Aug-2008

Certificate of Analysis

Client: **Ashbury College**

Client PO: Project Description:

Sample and QC Qualifiers Notes

1- QR-01 : Duplicate RPD is high, however, the sample result is less than 10x the MDL.

Sample Data Revisions

None

Work Order Revisions/Comments:

None

Other Report Notes:

n/a: not applicable
MDL: Method Detection Limit
Source Result: Data used as source for matrix and duplicate samples
%REC: Percent recovery.
RPD: Relative percent difference.

000040

PARACEL LABORATORIES LTD.

300-2319 St. Laurent Blvd.
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p: (613) 731-9577
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www.paracellabs.com

Chain of Custody Record

№ 42887

Pg. 1 of 1

Contact: Bea Goodwin
Company: Ashbury College
Address: 362 Mariposa Avenue
Ottawa, ON K1M 0T3
Tel: 613-749-5954 Fax: 613-749-9724

Project Ref:
PO #:
Quote #: ☐ Not Quoted
Email: bgoodwin@ashbury.ca
Preservative to be added by Paracel? ☐ Yes ☐ No

Reporting Options
Electronic: ☐ Signed PDF ☐ Spreadsheet
Other:
Turn Around Time: ☐ 1-day ☐ 2-day ☐ Regular
Regulatory/Guideline Requirements

Matrix Types: S–Soil/Sed GW–Ground Water SW–Surface Water SS–Storm/Sanitary Sewer A–Air O–Other RDW–Regulated Drinking Water

Sample Information					Analysis Required
Paracel Order # 0833145	Sample Identification	Matrix	# Bottles	Date Sampled dd/mm/yy	Metals
1	Kitchen Prep 6:05 AM	RDW	1	14/08/08	✓
2	Kitchen Prep 6:05 AM	RDW	1	14/08/08	✓
3	Kitchen Prep 6:05 AM	RDW	1	14/08/08	✓
4	Kitchen Prep 6:37 AM	RDW	1	14/08/08	✓
5	Kitchen Prep 6:37 AM	RDW	1	14/08/08	✓
6	Kitchen Prep 6:37 AM	RDW	1	14/08/08	✓
7	Junior EOL 6:15 AM	RDW	1	14/08/08	✓
8	Junior EOL 6:15 AM	RDW	1	14/08/08	✓
9	Junior EOL 6:15 AM	RDW	1	14/08/08	✓
10	Junior EOL 6:48 AM	RDW	1	14/08/08	✓

Comments: Sample #11 and #12 are the same ID as #10

Relinquished by: Stephen
Date: Aug 15/2008 Time: 10:50 AM

Received by:
Date: Aug. 15, 08 Time: 10:57

Verified by:
Date: Aug 15 Time: 11:54

Ashbury COLLEGE

362 Metcalfe Avenue Ottawa, Ontario K1N 8R5 CANADA
www.ashbury.ca/rcas Tel. 613-749-5961 Fax: 613-749-9124

PURCHASE ORDER

18562

This number must appear on all packages, invoices and correspondence.

To: [illegible]

Date: Aug 19/02

Phone: 613-231-8527

Fax: 613-231-4020

Contact:

Item	Quantity	Description	Amount
1			
2		Sample Application for Membership	
3			
4			
5			
6		Robert D Bates	
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Special Instructions:

Signature: Karen McAndrew

Beaty, Taran (ENE)

From: Beaty, Taran (ENE)
Sent: March 11, 2009 3:39 PM
To: 'Lee Goodwin'
Subject: RE: Outstanding documents req'd in O. Reg. 243/07 inspection report.

Hello, Lee.

Yes, e-mail will be fine. Thank you. I notice that some of the required information is recorded on the "Chain of Custody" form for those samples (taken August 14, 2008). What's missing is the name of the person sampling, and the estimate of how long the water stood unused before the first sample was taken (i.e.: how "stale" was the water, in hours?).

If you have the same information on samples taken in 2007, I'd recommend adding that as well; however, I'd like to at least see that the details of the August 2008 sampling are recorded.

Taran Beaty

Facilities Drinking Water Inspector

Ministry of the Environment

Safe Drinking Water Branch

2 St. Clair Ave. W - 19th Floor

Toronto, ON M4V 1L5

Ph: 416-314-7626

Fax: 416-326-8671; 416-212-7576

taran.beaty@ontario.ca

Provincial Officer Badge #1351

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: March 11, 2009 4:35 PM
To: Beaty, Taran (ENE)
Subject: Re: Outstanding documents req'd in O. Reg. 243/07 inspection report.

Teran

11/03/2009

yes this is the form you recommended in the fall of 08 and is what we used, I will research through my records and locate is sending via email acceptable?

thanks
lee

"Beaty, Taran (ENE)" <Taran.Beaty@ontario.ca> writes:
Hello Lee,

Thank you for sending me the flushing records. I've reviewed them, and find they contain all information required by section 4(4) of O. Reg. 243/07.

Please find attached a sample record template, which I recommend you use to complete the sample record referred to below. This record contains information required by section 5(2) (12) of O. Reg. 243/07, which is not necessarily captured in the test results which you emailed to me in September, 2008.

Please call me if you have any questions,

Taran Beaty

Facilities Drinking Water Inspector

Ministry of the Environment

Safe Drinking Water Branch

2 St. Clair Ave. W - 19th Floor

Toronto, ON M4V 1L5

Ph: 416-314-7626

Fax: 416-326-8671; 416-212-7576

taran.beaty@ontario.ca

Provincial Officer Badge #1351

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]

Sent: March 11, 2009 4:18 PM
To: Beaty, Taran (ENE)
Subject: Re: Outstanding documents req'd in O. Reg. 243/07 inspection report.

Taran

please see attached flushing, in regards to sampling it was sent via e-mail, as per our discussion at the time, if required the sampling from Aug. 2008 can be sent via mail?

As for voice messages I recall leaving messages on both occasions for clarification, did receive a call back message from you on the first item but not on the second, no worries all is good.

should you require additional info please do not hesitate to contact

thanks
lee

"Beaty, Taran (ENE)" <Taran.Beaty@ontario.ca> writes:
Lee Goodwin
Facilities Management & Engineer
Ashbury College Inc.
362 Mariposa Avenue
Ottawa, Ontario K1M 0T3

Hello Mr. Goodwin,
I've just left a telephone message with you, and am following up with this email, to remind you of the requirements to send copies of flushing and sampling records to me, as indicated in **O. Reg. 243/07 Inspection Report 1-6MTQL**

Required Action Item #2 states:
Effective immediately, Ashbury College shall maintain records of the date and time of every flushing required by the regulation, and the name of the person who performed the flushing, as required by section 4(4) of O. Reg. 243/07.
Within five (5) days of receiving this report, Ashbury College shall send copies of recent flushing records, which demonstrate flushing in accordance with O. Reg. 243/07, to: Taran Beaty, Inspector, Ministry of the Environment, Safe Drinking Water Branch, 2 St. Clair Ave. W - 19th Floor, Toronto, ON M4V 1L5; fax: 416-212-7576; taran.beaty@ontario.ca.

Required Action Item #3 states:
Effectively immediately, Ashbury College maintain records of samples, in accordance with section 5(2) par 12 of O. Reg. 243/07.

11/03/2009

Within five (5) days of receiving this report, Ashbury College shall send copies of sampling records to: Taran Beaty, Inspector, Ministry of the Environment, Safe Drinking Water Branch, 2 St. Clair Ave. W - 19th Floor, Toronto, ON M4V 1L5; fax: 416-212-7576; taran.beaty@ontario.ca.

On December 18, 2008, and January 13, 2009, I left messages on your voicemail asking you to send the overdue documents to me. Please contact me as soon as possible to let me know when I may expect to receive these.

Sincerely,

Taran Beaty

Facilities Drinking Water Inspector
Ministry of the Environment
Safe Drinking Water Branch

2 St. Clair Ave. W - 19th Floor

Toronto, ON M4V 1L5

Ph: 416-314-7626
Fax: 416-326-8671; 416-212-7576
taran.beaty@ontario.ca

Provincial Officer Badge #1351

11/03/2009

Beaty, Taran (ENE)

From: Beaty, Taran (ENE)
Sent: March 11, 2009 3:29 PM
To: 'Lee Goodwin'
Subject: RE: Outstanding documents req'd in O. Reg. 243/07 inspection report.
Attachments: Sample Record template LETTER.xls

Hello Lee,

Thank you for sending me the flushing records. I've reviewed them, and find they contain all information required by section 4(4) of O. Reg. 243/07.

Please find attached a sample record template, which I recommend you use to complete the sample record referred to below. This record contains information required by section 5(2) (12) of O. Reg. 243/07, which is not necessarily captured in the test results which you emailed to me in September, 2008.

Please call me if you have any questions,

Taran Beaty

Facilities Drinking Water Inspector

Ministry of the Environment

Safe Drinking Water Branch

2 St. Clair Ave. W - 19th Floor

Toronto, ON M4V 1L5

Ph: 416-314-7626

Fax: 416-326-8671; 416-212-7576

taran.beaty@ontario.ca

Provincial Officer Badge #1351

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: March 11, 2009 4:18 PM
To: Beaty, Taran (ENE)
Subject: Re: Outstanding documents req'd in O. Reg. 243/07 inspection report.

Taran

please see attached flushing, in regards to sampling it was sent via e-mail, as per our discussion at the time, if required the sampling from Aug. 2008 can be sent via mail?

As for voice messages I recall leaving messages on both occasions for clarification, did receive a call back message from you on the first item but not on the second, no worries all is good.

should you require additional info please do not hesitate to contact

thanks
lee

"Beaty, Taran (ENE)" <Taran.Beaty@ontario.ca> writes:
Lee Goodwin
Facilities Management & Engineer
Ashbury College Inc.
362 Mariposa Avenue
Ottawa, Ontario K1M 0T3

Hello Mr. Goodwin,
I've just left a telephone message with you, and am following up with this email, to remind you of the requirements to send copies of flushing and sampling records to me, as indicated in **O. Reg. 243/07 Inspection Report 1-6MTQL**

Required Action Item #2 states:
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On December 18, 2008, and January 13, 2009, I left messages on your voicemail asking you to send the overdue documents to me. Please contact me as soon as possible to let me know when I may expect to receive these.

Sincerely,

Taran Beaty

Facilities Drinking Water Inspector
Ministry of the Environment
Safe Drinking Water Branch

11/03/2009

Beaty, Taran (ENE)

From: Lee Goodwin [lgoodwin@ashbury.ca]
Sent: March 11, 2009 4:18 PM
To: Beaty, Taran (ENE)
Subject: Re: Outstanding documents req'd in O. Reg. 243/07 inspection report.
Attachments: flushing Ma0209-Mar0609.pdf

Taran

please see attached flushing, in regards to sampling it was sent via e-mail, as per our discussion at the time, if required the sampling from Aug. 2008 can be sent via mail?

As for voice messages I recall leaving messages on both occasions for clarification, did receive a call back message from you on the first item but not on the second, no worries all is good.

should you require additional info please do not hesitate to contact

thanks
lee

"Beaty, Taran (ENE)" <Taran.Beaty@ontario.ca> writes:
Lee Goodwin
Facilities Management & Engineer
Ashbury College Inc.
362 Mariposa Avenue
Ottawa, Ontario K1M 0T3

Hello Mr. Goodwin,
I've just left a telephone message with you, and am following up with this email, to remind you of the requirements to send copies of flushing and sampling records to me, as indicated in **O. Reg. 243/07 Inspection Report 1-6MTQL**

Required Action Item #2 states:
Effective immediately, Ashbury College shall maintain records of the date and time of every flushing required by the regulation, and the name of the person who performed the flushing, as required by section 4(4) of O. Reg. 243/07.
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On December 18, 2008, and January 13, 2009, I left messages on your voicemail asking you to send the overdue documents to me. Please contact me as soon as possible to let me know when I may expect to receive these.

Sincerely,

Taran Beaty

Facilities Drinking Water Inspector
Ministry of the Environment
Safe Drinking Water Branch

2 St. Clair Ave. W - 19th Floor

Toronto, ON M4V 1L5

Ph: 416-314-7626
Fax: 416-326-8671; 416-212-7576
taran.beaty@ontario.ca

Provincial Officer Badge #1351

02-03-09

LOCATION	Date	Time	Employee Print	Employee Signature
		6		
Main Hallway fountain		633		
Upper Argyle fountain		638		
Lower Argyle fountain		644		
Junior School Pod fountain		640		
Rear 84 Gym fountain		652		
Lower 84 Gym fountain		647		
Hallway by Music Dept. fountain		651		
Male Boarding flats 2nd floor sink	Mon 02/09	547 am	Lee Goodwin	
Male boarding flats 3rd floor sink	Mon 02/09	549 am	Lee Goodwin	
Female Boarding flats 1st floor end of line	02/03/09	5:54 am	Lee Goodwin	
Female boarding flats 2nd floor end of line	02/03/09	5:55 am	Lee Goodwin	
Main Entrance Visitor w/c sink		701		
Main Entrance Visitor w/c sink		702		
Lower Argyle w/c sink		643		
Junior School w/c sink		641		
Junior School w/c staff sink		642		
Senior School w/c female sink		635		
Senior School w/c male sink		636		
Senior School w/c handicap sink		637		
Junior locker room w/c male sink		650		
Senior school w/c male sink		648		
Male Staff w/c basement sink		649		
Senior w/c female sink		628		
Junior w/c female sink		629		
Female Staff w/c sink		631		
Visitor w/c male staff room sink		653		
Visitor w/c female staff room sink		654		
Handicap 2nd floor w/c sink		655		
Male staff w/c 2nd floor sink		657		
Female staff w/c 2nd floor sink		658		
Kitchen End of Line	Mon 02/09	5:35/59 am	Lee Goodwin	
Junior School End of Line	Mon 02/09	5:33/539 am	Lee Goodwin	

06-03-09

LOCATION	Date	Time	Employee Print	Employee Signature
Main Hallway fountain	06-03-09	637	D. PARSONS	
Upper Argyle fountain		644		
Lower Argyle fountain		652		
Junior School Pod fountain		647		
Rear 84 Gym fountain		654		
Lower 84 Gym fountain		654		
Hallway by Music Dept. fountain		657		
Male Boarding flats 2nd floor sink	Mon 6/09	547 am	Lee Goodin	
Male boarding flats 3rd floor sink	Mon 6/09	549 am	Lee Goodin	
Female Boarding flats 1st floor end of line				
Female boarding flats 2nd floor end of line				
Main Entrance Visitor w/c sink	06-03-09	638	D. PARSONS	
Main Entrance Visitor w/c sink		639		
Lower Argyle w/c sink		650		
Junior School w/c sink		649		
Junior School w/c staff sink		649		
Senior School w/c female sink		641		
Senior School w/c male sink		642		
Senior School w/c handicap sink		643		
Junior locker room w/c male sink		653		
Senior school w/c male sink		655		
Male Staff w/c basement sink		656		
Senior w/c female sink		632		
Junior w/c female sink		633		
Female Staff w/c sink		635		
Visitor w/c male staff room sink		704		
Visitor w/c female staff room sink		705		
Handicap 2nd floor w/c sink		700		
Male staff w/c 2nd floor sink		701		
Female staff w/c 2nd floor sink		702		
Kitchen End of Line	Mon 6/09	535/540 am	Lee Goodin	
Junior School End of Line	Mon 6/09	537/544 am	Lee Goodin	

Beaty, Taran (ENE)

From: Beaty, Taran (ENE)
Sent: March 11, 2009 2:56 PM
To: 'lgoodwin@ashbury.ca'
Subject: Outstanding documents req'd in O. Reg. 243/07 inspection report.

Lee Goodwin
Facilities Management & Engineer
Ashbury College Inc.
362 Mariposa Avenue
Ottawa, Ontario K1M 0T3

Hello Mr. Goodwin,
I've just left a telephone message with you, and am following up with this email, to remind you of the requirements to send copies of flushing and sampling records to me, as indicated in **O. Reg. 243/07 Inspection Report 1-6MTQL**

Required Action Item #2 states:

Effective immediately, Ashbury College shall maintain records of the date and time of every flushing required by the regulation, and the name of the person who performed the flushing, as required by section 4(4) of O. Reg. 243/07.
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On December 18, 2008, and January 13, 2009, I left messages on your voicemail asking you to send the overdue documents to me. Please contact me as soon as possible to let me know when I may expect to receive these.

Sincerely,

Taran Beaty
Facilities Drinking Water Inspector
Ministry of the Environment
Safe Drinking Water Branch
2 St. Clair Ave. W - 19th Floor
Toronto, ON M4V 1L5
Ph: 416-314-7626
Fax: 416-326-8671; 416-212-7576
taran.beaty@ontario.ca

Provincial Officer Badge #1351

11/03/2009

Beaty, Taran (ENE)

From: Beaty, Taran (ENE)
Sent: January 13, 2009 2:24 PM
To: Reg170Formsubmission, Reg170 (ENE)
Subject: FW: LSN form for Ashbury College DW#500125932
Attachments: Water Form Sept 2208.pdf

Hello,

It appears that the DWPB hasn't received an LSN for **Ashbury College DW#500125932**
Please find attached the LSN form which Lee Goodwin e-mailed to me on Sept. 30/08. He indicated at the time that he had sent a copy to DWPB on September 22, 2008.

Thanks,
Taran Beaty.

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: September 30, 2008 5:48 AM
To: Beaty, Taran (ENE)
Subject: Re: LSN form for O. Reg. 243/07

Taran

this is what was e-mailed out last week

thanks
lee

"Beaty, Taran (ENE)" <Taran.Beaty@ontario.ca> on Monday, September 29, 2008 at 2:53 PM -0500 wrote:
Lee Goodwin, Facilities Management

Ashbury College

Hello Lee,

While examining my notes of the inspection I performed on September 18, 2008, I noticed that I'm not sure if I had sent you the Laboratory Services Notification (LSN) form which we discussed.

Please find a copy of the form attached. You may also find a link to the form online, here:

http://www.ontario.ca/ONT/portal51/drinkingwater/General?docId=177450(=en

13/01/2009

Beaty, Taran (ENE)

From: Lee Goodwin [lgoodwin@ashbury.ca]
Sent: Tuesday, September 30, 2008 5:48 AM
To: Beaty, Taran (ENE)
Subject: Re: LSN form for O. Reg. 243/07
Attachments: Water Form Sept 2208.pdf

Taran

this is what was e-mailed out last week

thanks
lee

"Beaty, Taran (ENE)" <Taran.Beaty@ontario.ca> on Monday, September 29, 2008 at 2:53 PM -0500 wrote:
Lee Goodwin, Facilities Management

Ashbury College

Hello Lee,

While examining my notes of the inspection I performed on September 18, 2008, I noticed that I'm not sure if I had sent you the Laboratory Services Notification (LSN) form which we discussed.

Please find a copy of the form attached. You may also find a link to the form online, here:

http://www.ontario.ca/ONT/portal51/drinkingwater/General?docId=177450&lang=en

During the inspection, you mentioned that you had copies of test results for samples taken in October of 2007, within the girl's residence, and would send me a copy of these. I have not received these yet; if you did send them already, could I please ask you to let me know? If not, I'd appreciate seeing these results so that I may include that information in my inspection report.

Thank you, and please contact me if you have any questions.

Sincerely,

2008/09/30

Taran Beaty

Facilities Drinking Water Inspector

Ministry of the Environment

Safe Drinking Water Branch

2 St. Clair Ave. W - 19th Floor

Toronto, ON M4V 1L5

Ph: 416-314-7626

Fax: 416-212-7576

taran.beaty@ontario.ca

Provincial Officer Badge #1351

2008/09/30

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
Ashbury College

Type
☐ School ☑ Private School ☐ Day Nursery

Ministry of Education SFIS No.	Children and Youth Services Identification No.			
886297				
Location of School/Day Nursery Street No. and Name	**Unit/Suite**	**Rural Route**	**Lot/Part/Block/Section**	**Concession/Plan**
362 Mariposa Avenue				
City/Town/Municipality	**Province**			**Postal Code**
Ottawa	Ontario			K1M 0T3
Business Telephone No. *(including area code)*	**Fax No. *(including area code)***			
613-749-5954	613-749-9724			

Contact Information Last Name	First Name	Position
Goodwin	Lee	Facility Management

Telephone No. *(including area code)*	Fax No. *(including area code)*	Email Address
613-749-9630 ext. 230	613-749-9724	lgoodwin@ashbury.ca

Comments

© Queen's Printer for Ontario, 2007

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)
City of Ottawa	

Section 3: School/Day Nursery Operator Information

Legal Name of School/Day Nursery Operation (i.e. School Board)

Ashbury College Inc.

Operator Contact Name

Lee Goodwin

Street No. and Name	Unit/Suite	Rural Route	Lot/Part/Block/Section	Concession/Plan
362 Mariposa Avenue				

City/Town/Municipality	Province	Postal Code
Ottawa	Ontario	K1M 0T3

Telephone No. *(including area code)*	Fax No. *(including area code)*
613-749-5954	613-749-9724

Email Address

lgoodwin@ashbury.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				Licence Number
Paracel Laboratories				2270
Street No. and Name	**Unit/Suite**	**City/Town/Municipality**	**Province**	**Postal Code**
2319 St-Laurent Blvd.	300	Ottawa	Ontario	K1G 4J8

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)*	Signature	Date *(yyyy/mm/dd)*	Telephone No. *(including area code)*
Lee Goodwin		2008/09/22	613-749-5954

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.

Beaty, Taran (ENE)

From: Beaty, Taran (ENE)
Sent: Monday, September 29, 2008 2:54 PM
To: 'Lee Goodwin'
Subject: LSN form for O. Reg. 243/07
Attachments: LSN.pdf

Lee Goodwin, Facilities Management
Ashbury College

Hello Lee,

While examining my notes of the inspection I performed on September 18, 2008, I noticed that I'm not sure if I had sent you the Laboratory Services Notification (LSN) form which we discussed.
Please find a copy of the form attached. You may also find a link to the form online, here:
http://www.ontario.ca/ONT/portal51/drinkingwater/General?docId=177450&lang=en

During the inspection, you mentioned that you had copies of test results for samples taken in October of 2007, within the girl's residence, and would send me a copy of these. I have not received these yet; if you did send them already, could I please ask you to let me know? If not, I'd appreciate seeing these results so that I may include that information in my inspection report.

Thank you, and please contact me if you have any questions.

Sincerely,

Taran Beaty
Facilities Drinking Water Inspector
Ministry of the Environment
Safe Drinking Water Branch
2 St. Clair Ave. W - 19th Floor
Toronto, ON M4V 1L5
Ph: 416-314-7626
Fax: 416-212-7576
taran.beaty@ontario.ca

Provincial Officer Badge #1351

2008/09/29

Beaty, Taran (ENE)

From: Beaty, Taran (ENE)
Sent: September 18, 2008 11:33 AM
To: 'Lee Goodwin'
Subject: RE: LSN form

Hello Lee,

I've learned that Paracel Laboratories IS licensed to test drinking-water samples for lead content. You may continue to use them for your required O. Reg. 243/07 lead testing.

Their license # is 2270. Please complete the R243 LSN which I sent in the last email, including Paracel's information, and send the form to the fax number or e-mail address on page 1 of the LSN form.

Thank you,

Taran Beaty.

Facilities Drinking Water Inspector.

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: September 18, 2008 10:42 AM
To: Beaty, Taran (ENE)
Subject: Fwd: LSN form

----- Original Message -----

Monday, August 11, 2008 5:56:19 AM
Message
From: Lee Goodwin
Subject: LSN form
To: reg170_formsubmission.moe@ontario.ca
Attachments: 5387e-LABORATORY SERVICES N.doc 177K

Please see attached LSN for

Lee Goodwin
Facilities Management & Engineer
Ashbury College Inc.
362 Mariposa Avenue
Ottawa, Ontario K1M 0T3

2008/09/18

Phone +1(613) 749-9630 ext. 230
Fax +1 (613) 749-9724
lgoodwin@ashbury.ca
Web:www.ashbury.ca

Character.Commitment.Achievement.

2008/09/18

Beaty, Taran (ENE)

From: Lee Goodwin [lgoodwin@ashbury.ca]
Sent: September 18, 2008 10:42 AM
To: Beaty, Taran (ENE)
Subject: Fwd: LSN form
Attachments: 5387e-LABORATORY SERVICES N.doc

----- Original Message -----

Monday, August 11, 2008 5:56:19 AM
Message
From: Lee Goodwin
Subject: LSN form
To: reg170_formsubmission.moe@ontario.ca
Attachments: 5387e-LABORATORY SERVICES N.doc 177K

Please see attached LSN for

Lee Goodwin
Facilities Management & Engineer
Ashbury College Inc.
362 Mariposa Avenue
Ottawa, Ontario K1M 0T3

Phone +1(613) 749-9630 ext. 230
Fax +1 (613) 749-9724
lgoodwin@ashbury.ca
Web:www.ashbury.ca

Character.Commitment.Achievement.

2008/09/18

Laboratory Services Notification
Schedule 6 (subsection 6-9 (4))

FAX COVER PAGE

To: Laboratory Services Branch
Ministry of the Environment

Fax Number: (416) 235-6312

This form is to be completed and submitted to the Ministry of the Environment following the instructions posted with the forms and available at the Ministry of the Environment web site at www.ene.gov.on.ca.

Name of the Drinking Water System (DWS):	Ashbury College
DWS Number:	
DWS Owner Name:	Ashbury College Inc.
DWS Owner's Telephone Number:	613-749-5954

☒	This is my first submission of the Laboratory Services Notification to the Ministry.
☐	I wish to notify the Ministry that I am changing Laboratories for my drinking water testing.
☐	I wish to notify the Ministry that I am adding another Laboratory for my drinking water testing.

Laboratory Services Notification
Schedule 6 (subsection 6-9 (4))

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 (FOIPPA)* and may be disclosed to other government agencies (including municipal health unit employees) pursuant to 'Section 42' of the FOIPPA 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 Environment at 1-866-793-2588.

IDENTIFYING THE LICENSED LABORATORY THAT WILL PERFORM LABORATORY TESTING

NOTE: As specified in Ontario's Drinking Water Systems Regulation O. Reg. 170/03, this form must be completed and delivered to the Ministry of the Environment prior to the licensed laboratory analyzing your water samples for required parameters for the first time.

Once you have completed and submitted this form, you do not need to re-submit it unless there are any changes in a licensed laboratory being contracted to analyze any required parameter (i.e. Section 2 of this form).

This form is to be used for the identification of Regulation testing and not for the purpose of the Engineer's Report testing.

Failure to notify the parties in accordance with the Regulation and/or submission of false information constitutes an offence.

All testing for Ontario Drinking Water Quality Standards and health-related parameters required in a MOE Certificate of Approval, Order or Direction must be performed by a licensed laboratory.

SECTION 1 – SUBMISSION INFORMATION

	YYYY	MM	DD
Date of Submission	2008	08	08

SECTION 2 – LICENSED LABORATORY(S) HIRED TO ANALYZE DRINKING WATER SAMPLES AND THE SPECIFIC PARAMETERS TESTED

LICENSED LABORATORY INFORMATION			
Name of Licensed Laboratory: **Paracel Laboratories Ltd ***			
Licensed Laboratory Contact Name: Mr. Dale Robertson	Licensed Laboratory Contact Name Position: Director		
Laboratory Address (Street Number and Name): 2319 St. Laurent Blvd	Unit/Suite: 300	P.O. Box/Rural Route #:	
City/Town: Ottawa	Province: ON	Postal Code: K1G 4J8	
Telephone Number (include area code): 613 731-9577	Fax Number (include area code):		
Email Address: paracellabs.com			

Check all tests that the Licensed Laboratory has been hired to perform:

MICROBIOLOGICAL TESTING

☐ *E. coli* ☐ **Total coliforms** ☐ **HPC**

SECTION 2 – LICENSED LABORATORY(S) HIRED TO ANALYZE DRINKING WATER SAMPLES AND THE SPECIFIC PARAMETERS TESTED

LICENSED LABORATORY INFORMATION

Name of Licensed Laboratory:
Paracel Laboratories Ltd *

Licensed Laboratory Contact Name:	Licensed Laboratory Contact Name Position:
Mr. Dale Robertson	Director

Laboratory Address (Street Number and Name):	Unit/Suite:	P.O. Box/Rural Route #:
2319 St. Laurent Blvd	300	

City/Town:	Province:	Postal Code:
Ottawa	ON	K1G 4J8

Telephone Number (include area code):		Fax Number (include area code):	
613	731-9577		

Email Address:
paracellabs.com

Check all tests that the Licensed Laboratory has been hired to perform:

CHEMICAL TESTING
(Complete only if required as per MOE Certificate of Approval (CofA) or Order, or as required by O. Reg. 170/03)

Volatile Organic Parameters:

- ☐ 1,2-dichlorobenzene
- ☐ 1,4-dichlorobenzene
- ☐ 1,2-dichloroethane
- ☐ 1,1-dichloroethylene
- ☐ Benzene
- ☐ Carbon tetrachloride
- ☐ Dichloromethane
- ☐ Monochlorobenzene
- ☐ Tetrachloroethylene
- ☐ Trichloroethylene
- ☐ Trihalomethanes (Total)
- ☐ Vinyl chloride

☐ All of the Above Volatile Organic Parameters

Inorganic Parameters:

- ☐ Antimony
- ☐ Arsenic
- ☐ Barium
- ☐ Boron
- ☐ Cadmium
- ☐ Chromium
- ☐ Fluoride
- ☒ Lead
- ☐ Mercury
- ☐ Nitrate
- ☐ Nitrate + Nitrite (as nitrogen)
- ☐ Nitrite
- ☐ Selenium
- ☐ Sodium
- ☐ Uranium

☐ All of the Above Inorganic Parameters

Pesticide and General Organic Parameters:

- ☐ 2,3,4,6-tetrachlorophenol
- ☐ 2,4-dichlorophenol
- ☐ 2,4,6-trichlorophenol
- ☐ 2,4-D
- ☐ 2,4,5-T
- ☐ Alachlor
- ☐ Aldicarb
- ☐ Aldrin + Dieldrin
- ☐ Atrazine + Metabolites
- ☐ Azinphos-methyl
- ☐ Bendiocarb
- ☐ Benzo(a)pyrene
- ☐ Bromoxynil
- ☐ Carbaryl
- ☐ Carbofuran
- ☐ Chlordane (Total)
- ☐ Chlorpyrifos
- ☐ Cyanazine
- ☐ DDT + Metabolites
- ☐ Diazinon
- ☐ Dicamba
- ☐ Diclofop-methyl
- ☐ Dimethoate
- ☐ Dinoseb
- ☐ Diquat
- ☐ Diuron
- ☐ Glyphosate
- ☐ Heptachlor +Heptachlor Epoxide
- ☐ Lindane (Total)
- ☐ Malathion
- ☐ Methoxychlor
- ☐ Metolachlor
- ☐ Metribuzin
- ☐ Paraquat
- ☐ Parathion
- ☐ PCBs (Total)
- ☐ Pentachlorophenol
- ☐ Phorate
- ☐ Picloram
- ☐ Prometryne
- ☐ Simazine
- ☐ Temephos
- ☐ Terbufos
- ☐ Triallate
- ☐ Trifluralin

☐ All of the Above Pesticide and General Organic Parameters

ADDITIONAL:
Other Parameter(s) identified in a MOE Certificate of Approval, Order or Direction.

Specify:

COMMENTS:

Prepared By: Name (Please Print)		Title:		
Lee Goodwin		Facilities Management		
Telephone Number (include area code):		Date: YYYY	MM	DD
613	749-9630 ext.230	2008	08	08

PARACEL LABORATORIES LTD.

TRUSTED.
RESPONSIVE.
RELIABLE.

300-2319 St. Laurent Blvd.
Ottawa, Ontario K1G 4J8

p: 1-800-749-1947
e: paracel@paracellabs.com

www.paracellabs.com

OTTAWA ◎ NIAGARA FALLS ◎ MISSISSAUGA ◎ SARNIA

Certificate of Analysis

Ashbury College
362 Mariposa Avenue
Ottawa, ON K1M 0T3
Attn: Lee Goodwin

Phone: (613) 749-5954
Fax: (613) 749-9724

Client PO:
Project:
Custody: 42887

Report Date: 19-Aug-2008
Order Date: 15-Aug-2008
Order #: 0833145

This Certificate of Analysis contains analytical data applicable to the following samples submitted:

Paracel ID	Client ID
0833145-01	1 Kitchen Prep 6:05 AM
0833145-02	2 Kitchen Prep 6:05 AM
0833145-03	3 Kitchen Prep 6:05 AM
0833145-04	4 Kitchen Prep 6:37 AM
0833145-05	5 Kitchen Prep 6:37 AM
0833145-06	6 Kitchen Prep 6:37 AM
0833145-07	7 Junior EDL 6:15 AM
0833145-08	8 Junior EDL 6:15 AM
0833145-09	9 Junior EDL 6:15 AM
0833145-10	10 Junior EDL 6:48 AM
0833145-11	11 Junior EDL 6:48 AM
0833145-12	12 Junior EDL 6:48 AM

Approved By: Mark Foto

Mark Foto, M.Sc. For Dale Robertson, BSc
Laboratory Director

Any use of these results implies your agreement that our total liabilty in connection with this work, however arising shall be limited to the amount paid by you for this work, and that our employees or agents shall not under circumstances be liable to you in connection with this work

PARACEL LABORATORIES LTD.

Order #: 0833145

Certificate of Analysis

Report Date: 19-Aug-2008
Order Date:15-Aug-2008

Client: **Ashbury College**

Client PO: Project Description:

Analysis Summary Table

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Metals, low level	EPA 200.8 - ICP-MS	15-Aug-08	18-Aug-08

PARACEL LABORATORIES LTD.

Order #: 0833145

Certificate of Analysis

Report Date: 19-Aug-2008
Order Date:15-Aug-2008

Client: **Ashbury College**

Client PO: Project Description:

	Client ID:	1 Kitchen Prep 6:05 AM	2 Kitchen Prep 6:05 AM	3 Kitchen Prep 6:05 AM	4 Kitchen Prep 6:37 AM
	Sample Date:	14-Aug-08	14-Aug-08	14-Aug-08	14-Aug-08
	Sample ID:	0833145-01	0833145-02	0833145-03	0833145-04
	MDL/Units	Water	Water	Water	Water
Metals					
Aluminum	1 ug/L	28	30	28	31
Antimony	0.5 ug/L	<0.5	<0.5	0.6	<0.5
Arsenic	1 ug/L	<1	<1	<1	<1
Barium	5 ug/L	16	15	17	15
Beryllium	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Boron	10.0 ug/L	11.5	10.2	<10.0	10.2
Cadmium	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Calcium	100 ug/L	8820	8070	8770	8230
Chromium	1 ug/L	<1	<1	<1	<1
Cobalt	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Copper	0.5 ug/L	88.6	76.8	82.2	78.6
Iron	100 ug/L	<100	<100	<100	<100
Lead	0.1 ug/L	1.1	0.7	0.7	0.6
Magnesium	200 ug/L	2160	1950	2170	2060
Manganese	5 ug/L	<5	<5	<5	<5
Molybdenum	1 ug/L	<1	<1	<1	<1
Nickel	1 ug/L	6	4	6	2
Potassium	100 ug/L	681	653	669	684
Selenium	1 ug/L	<1	<1	<1	<1
Silver	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Sodium	200 ug/L	19400	19900	20000	20300
Thallium	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Tin	5 ug/L	<5	<5	<5	<5
Vanadium	1 ug/L	<1	<1	<1	<1
Zinc	10 ug/L	36	83	141	24

000083

PARACEL LABORATORIES LTD.

Order #: 0833145

Certificate of Analysis

Report Date: 19-Aug-2008
Order Date:15-Aug-2008

Client: **Ashbury College**

Client PO: Project Description:

	Client ID:	5 Kitchen Prep 6:37 AM	6 Kitchen Prep 6:37 AM	7 Junior EDL 6:15 AM	8 Junior EDL 6:15 AM
	Sample Date:	14-Aug-08	14-Aug-08	14-Aug-08	14-Aug-08
	Sample ID:	0833145-05	0833145-06	0833145-07	0833145-08
	MDL/Units	Water	Water	Water	Water
Metals					
Aluminum	1 ug/L	29	29	33	30
Antimony	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Arsenic	1 ug/L	<1	<1	<1	<1
Barium	5 ug/L	15	15	15	15
Beryllium	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Boron	10.0 ug/L	10.5	10.3	10.6	10.3
Cadmium	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Calcium	100 ug/L	8110	8240	8520	8280
Chromium	1 ug/L	<1	<1	<1	<1
Cobalt	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Copper	0.5 ug/L	79.7	78.6	87.7	94.3
Iron	100 ug/L	<100	<100	<100	<100
Lead	0.1 ug/L	0.7	1.3	0.9	0.8
Magnesium	200 ug/L	1950	2010	2020	1980
Manganese	5 ug/L	<5	<5	<5	<5
Molybdenum	1 ug/L	<1	<1	<1	<1
Nickel	1 ug/L	2	9	2	1
Potassium	100 ug/L	658	674	683	670
Selenium	1 ug/L	<1	<1	<1	<1
Silver	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Sodium	200 ug/L	19800	19500	19300	18900
Thallium	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Tin	5 ug/L	<5	<5	<5	<5
Vanadium	1 ug/L	<1	<1	<1	<1
Zinc	10 ug/L	16	53	76	<10

000085

PARACEL LABORATORIES LTD.

Order #: 0833145

Certificate of Analysis

Report Date: 19-Aug-2008
Order Date:15-Aug-2008

Client: **Ashbury College**

Client PO: Project Description:

	Client ID:	9 Junior EDL 6:15 AM	10 Junior EDL 6:48 AM	11 Junior EDL 6:48 AM	12 Junior EDL 6:48 AM
	Sample Date:	14-Aug-08	14-Aug-08	14-Aug-08	14-Aug-08
	Sample ID:	0833145-09	0833145-10	0833145-11	0833145-12
	MDL/Units	Water	Water	Water	Water
Metals					
Aluminum	1 ug/L	30	31	32	31
Antimony	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Arsenic	1 ug/L	<1	<1	<1	<1
Barium	5 ug/L	15	15	15	15
Beryllium	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Boron	10.0 ug/L	10.6	10.4	10.3	10.5
Cadmium	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Calcium	100 ug/L	8040	8350	8100	8070
Chromium	1 ug/L	<1	<1	<1	<1
Cobalt	0.5 ug/L	<0.5	<0.5	<0.5	<0.5
Copper	0.5 ug/L	103	110	80.3	105
Iron	100 ug/L	<100	<100	<100	<100
Lead	0.1 ug/L	0.5	0.8	0.9	0.8
Magnesium	200 ug/L	1980	2000	2000	1970
Manganese	5 ug/L	<5	<5	<5	<5
Molybdenum	1 ug/L	<1	<1	<1	<1
Nickel	1 ug/L	<1	2	3	2
Potassium	100 ug/L	650	675	655	665
Selenium	1 ug/L	<1	<1	<1	<1
Silver	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Sodium	200 ug/L	19600	18800	19100	19000
Thallium	0.1 ug/L	<0.1	<0.1	<0.1	<0.1
Tin	5 ug/L	<5	<5	<5	<5
Vanadium	1 ug/L	<1	<1	<1	<1
Zinc	10 ug/L	<10	<10	<10	<10

000087

Certificate of Analysis

Report Date: 19-Aug-2008
Order Date:15-Aug-2008

Client: **Ashbury College**

Client PO: Project Description:

Method Quality Control: Blank

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Metals									
Aluminum	ND	1	ug/L						
Antimony	ND	0.5	ug/L						
Arsenic	ND	1	ug/L						
Barium	ND	5	ug/L						
Beryllium	ND	0.5	ug/L						
Boron	ND	10.0	ug/L						
Cadmium	ND	0.1	ug/L						
Calcium	ND	100	ug/L						
Chromium	ND	1	ug/L						
Cobalt	ND	0.5	ug/L						
Copper	ND	0.5	ug/L						
Iron	ND	100	ug/L						
Lead	ND	0.1	ug/L						
Magnesium	ND	200	ug/L						
Manganese	ND	5	ug/L						
Molybdenum	ND	1	ug/L						
Nickel	ND	1	ug/L						
Potassium	ND	100	ug/L						
Selenium	ND	1	ug/L						
Silver	ND	0.1	ug/L						
Sodium	ND	200	ug/L						
Thallium	ND	0.1	ug/L						
Tin	ND	5	ug/L						
Vanadium	ND	1	ug/L						
Zinc	ND	10	ug/L						

680000

Certificate of Analysis

Report Date: 19-Aug-2008
Order Date:15-Aug-2008

Client: **Ashbury College**

Client PO: Project Description:

Method Quality Control: Duplicate

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Metals									
Aluminum	66.4	1	ug/L	70.5			5.9	27	
Antimony	ND	0.5	ug/L	ND				26	
Arsenic	1.3	1	ug/L	1.3			0.2	29	
Barium	22.4	5	ug/L	22.9			2.0	34	
Beryllium	ND	0.5	ug/L	ND				25	
Boron	25	10.0	ug/L	23			5.8	33	
Cadmium	ND	0.1	ug/L	ND				33	
Calcium	32800	100	ug/L	33900			3.1	30	
Chromium	5.2	1	ug/L	5.1			0.8	32	
Cobalt	ND	0.5	ug/L	ND				32	
Copper	0.82	0.5	ug/L	0.69			17.3	32	
Iron	ND	100	ug/L	ND				32	
Lead	ND	0.1	ug/L	ND				32	
Magnesium	8120	200	ug/L	8400			3.4	30	
Manganese	ND	5	ug/L	ND				29	
Molybdenum	4.6	1	ug/L	4.5			2.1	29	
Nickel	1.0	1	ug/L	1.1			200.0	29	QR-01
Potassium	1520	100	ug/L	1530			0.8	28	
Selenium	1.3	1	ug/L	1.4			2.4	28	
Silver	1.58	0.1	ug/L	0.49			106.0	28	QR-01
Sodium	15000	200	ug/L	15300			2.2	27	
Thallium	ND	0.1	ug/L	ND				27	
Tin	ND	5	ug/L	ND				27	
Vanadium	1.6	1	ug/L	1.7			0.6	27	
Zinc	ND	10	ug/L	ND				27	

Certificate of Analysis

Report Date: 19-Aug-2008
Order Date:15-Aug-2008

Client: **Ashbury College**

Client PO: Project Description:

Method Quality Control: Spike

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Metals									
Aluminum	51.3		ug/L	ND	103	74-130			
Antimony	56.7		ug/L	0.18	113	78-126			
Arsenic	60.3		ug/L	1.3	118	83-119			
Barium	73.8		ug/L	22.9	102	83-116			
Beryllium	51.3		ug/L	ND	103	72-132			
Boron	75		ug/L	23	103	71-128			
Cadmium	51.8		ug/L	ND	104	78-119			
Calcium	1240		ug/L	ND	124	64-127			
Chromium	52.9		ug/L	5.1	95.5	80-124			
Cobalt	48.9		ug/L	0.04	97.6	78-125			
Copper	49.4		ug/L	0.69	97.5	75-123			
Iron	1070		ug/L	ND	108	66-119			
Lead	50.7		ug/L	ND	101	77-126			
Magnesium	1000		ug/L	ND	100	75-131			
Manganese	52.6		ug/L	0.4	104	79-123			
Molybdenum	56.0		ug/L	4.5	103	82-119			
Nickel	48.8		ug/L	1.1	95.5	78-119			
Potassium	2460		ug/L	1530	92.4	70-129			
Selenium	64.1		ug/L	1.4	125	81-125			
Silver	49.9		ug/L	0.49	98.9	70-128			
Sodium	1010		ug/L	ND	101	67-132			
Thallium	52.7		ug/L	ND	105	82-127			
Tin	51.5		ug/L	ND	103	75-123			
Vanadium	50.6		ug/L	1.7	97.9	82-123			
Zinc	52		ug/L	0.6	104	78-130			

000093

PARACEL LABORATORIES LTD

Order #: 0833145

Certificate of Analysis

Report Date: 19-Aug-2008
Order Date:15-Aug-2008

Client: **Ashbury College**

Client PO: Project Description:

Sample and QC Qualifiers Notes

1- QR-01 : Duplicate RPD is high, however, the sample result is less than 10x the MDL.

Sample Data Revisions

None

Work Order Revisions/Comments:

None

Other Report Notes:

n/a: not applicable
MDL: Method Detection Limit
Source Result: Data used as source for matrix and duplicate samples
%REC: Percent recovery.
RPD: Relative percent difference.

PARACEL LABORATORIES LTD.

300-2319 St. Laurent Blvd.
Ottawa, ON K1G 4J8
p: (613) 731-9577
f: (613) 731-9064
e: paracel@paracellabs.com
www.paracellabs.com

Chain of Custody Record

№ 42887

Pg. 1 of 1

Contact: Lee Goodwin
Company: Ashbury College
Address: 362 Mariposa Avenue
Ottawa, ON K1M 0T3
Tel: 613-749-5954 Fax: 613-749-9724

Project Ref:
PO #:
Quote #: ☐ Not Quoted
Email: lgoodwin@ashbury.ca
Preservative to be added by Paracel? ☐ Yes ☒ No

Reporting Options
Electronic: ☒ Signed PDF ☐ Spreadsheet
Other:
Turn Around Time: ☐ 1-day ☐ 2-day ☒ Regular
Regulatory/Guideline Requirements

Matrix Types: S–Soil/Sed GW–Ground Water SW–Surface Water SS–Storm/Sanitary Sewer A–Air O–Other RDW–Regulated Drinking Water

Sample Information					Analysis Required														
Paracel Order # 0833145	Sample Identification	Matrix	# Bottles	Date Sampled dd/mm/yy	Metals														
1	Kitchen Prep 6:05 AM	RDW	1	14/08/08	✓														
2	Kitchen Prep 6:05 AM	RDW	1	14/08/08	✓														
3	Kitchen Prep 6:05 AM	RDW	1	14/08/08	✓														
4	Kitchen Prep 6:37 AM	RDW	1	14/08/08	✓														
5	Kitchen Prep 6:37 AM	RDW	1	14/08/08	✓														
6	Kitchen Prep 6:37 AM	RDW	1	14/08/08	✓														
7	Junior EOL 6:15 AM	RDW	1	14/08/08	✓														
8	Junior EOL 6:15 AM	RDW	1	14/08/08	✓														
9	Junior EOL 6:15 AM	RDW	1	14/08/08	✓														
10	Junior EOL 6:48 AM	RDW	1	14/08/08	✓														

Comments: Sample #11 and #12 are the same ID as #10

Relinquished by: Stephen
Date: Aug 15/2008 Time: 10:50 AM

Received by:
Date: Aug 15, 08 Time: 10:51

Verified by:
Date: Aug 15 Time: 11:52

Ashbury COLLEGE

362 Mariposa Avenue Ottawa, Ontario K1M 0T3 CANADA
www.ashbury.on.ca Tel. 613.749.5954 Fax. 613.749.9724

PURCHASE ORDER

16562

This number must appear on all packages, invoices and correspondence.

To: [redacted]
300 - 2319 St-Laurent
Ottawa, ON K1G 4J8

Date: Aug 14/08
Phone: 613-731-9577
Fax: 613-731-9064
Contact:

Item	Quantity	Description	Amount
1			
2		Sample testing for metals	
3			
4			
5			
6		Total 12 bottles	
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Special Instructions:

Signature: Karen McAndrew

Beaty, Taran (ENE)

From: Lee Goodwin [lgoodwin@ashbury.ca]
Sent: September 17, 2008 6:46 AM
To: Beaty, Taran (ENE)
Subject: Re: message
Attachments: Sept 08 partial.pdf; Water fountains Dec 2007 page 1.pdf; Water fountains Dec 2007 page 2.pdf

Please see Dec. 07 (2 pages) and Sept 08 partial, as well does 9:30 am on Thursday Sept 18th work?

thanks
lee

"Beaty, Taran (ENE)" <Taran.Beaty@ontario.ca> on Tuesday, September 16, 2008 at 9:59 AM -0500 wrote:
Lee Goodwin, Facilities Management

Ashbury College

Hello, Lee.

Yes, you may send any of these requested documents via e-mail.

I'm glad to hear Thursday is workable. I suggest 9:00 AM; I'll call you at that time, at 613-749-9630 ext. 230, unless you indicate there is a better time, or number to use.

Thank you,

Taran Beaty

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: September 16, 2008 9:44 AM
To: Beaty, Taran (ENE)
Subject: Re: message

2008/09/17

SEPT 08

	MAIN HALLWAY	UPPER ARC	LOWER ARC	JUNIOR P.O.	BACK GYM & SH	LOWER SH	MUSIC
1	✓	✓	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	✓	✓	✓
3	✓	✓	✓	✓	✓	✓	✓
4	✓	✓	✓	✓	✓	✓	✓
5	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓
9	✓	✓	✓	✓	✓	✓	✓
10	✓	✓	✓	✓	✓	✓	✓
11	✓	✓	✓	✓	✓	✓	✓
12	✓	✓	✓	✓	✓	✓	✓
15	✓	✓	✓	✓	✓	✓	✓
16	✓	✓	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓	✓	✓
18							
19			fountains				
22							
23							
24							
25							
26							
29							
30							

	MAIN HALLWAY	ARC. UPPER.	ARC. LOWER.	JUNIOR. POD	BACK. GH GYM	BASE. MUSIC	MEET. STAIRS
NOV							
12.							
13.							
14.							
15.							
16.							
20							
21.							
22.							
23.							
26.							
27.							
28.							
29.							
30.				2007			
DEC							
3.							
4.							
5.							
6.							
7.							
10.							
11.							
12.							
13.							
14.							

2007

	MAIN HALLWAY	UPPER ARC	LOWER ARC	JUNIOR POD	BACK 84 GYM	LOWER 84	LOWER MUSIC
DEC.							
17	✓	✓	✓	✓	✓	✓	✓
18	✓	✓	✓	✓	✓	✓	✓
19	✓	✓	✓	✓	✓	✓	✓
20	✓	✓	✓	✓	✓	✓	✓
21	✓	✓	✓	✓	✓	✓	✓
			2008.				
JAN.							
2	✓	✓	✓	✓	✓	✓	✓
3	✓	✓	✓	✓	✓	✓	✓
4	✓	✓	✓	✓	✓	✓	✓
7	✓	✓	✓	✓	✓	✓	✓
8	✓	✓	✓	✓	✓	✓	✓
9	✓	✓	✓	✓	✓	✓	✓
10	✓	✓	✓	✓	✓	✓	✓
11	✓	✓	✓	✓	✓	✓	✓
14	✓	✓	✓	✓	✓	✓	✓
15	✓	✓	✓	✓	✓	✓	✓
16	✓	✓	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓	✓	✓
18	✓	✓	✓	✓	✓	✓	✓
21	✓	✓	✓	✓	✓	✓	✓
22	✓	✓	✓	✓	✓	✓	✓
23	✓	✓	✓	✓	✓	✓	✓
24	✓	✓	✓	✓	✓	✓	✓
25.	✓	✓	✓	✓	✓	✓	✓

Beaty, Taran (ENE)

From: Beaty, Taran (ENE)
Sent: September 17, 2008 9:11 AM
To: 'Lee Goodwin'
Subject: RE: message

Hello Lee,

Thank you for the flushing records. 9:30 tomorrow will be fine. I'll call you then.

Taran Beaty

Facilities Drinking Water Inspector
Ministry of the Environment
Safe Drinking Water Branch
2 St. Clair Ave. W - 19th Floor
Toronto, ON M4V 1L5
Ph: 416-314-7626
Fax: 416-212-7576
taran.beaty@ontario.ca

Provincial Officer Badge #1351

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: September 17, 2008 6:46 AM
To: Beaty, Taran (ENE)
Subject: Re: message

Please see Dec. 07 (2 pages) and Sept 08 partial, as well does 9:30 am on Thursday Sept 18th work?

thanks
lee

2008/09/17

Beaty, Taran (ENE)

From: Beaty, Taran (ENE)
Sent: September 16, 2008 10:00 AM
To: 'Lee Goodwin'
Subject: RE: message

Lee Goodwin, Facilities Management

Ashbury College

Hello, Lee.

Yes, you may send any of these requested documents via e-mail.

I'm glad to hear Thursday is workable. I suggest 9:00 AM; I'll call you at that time, at 613-749-9630 ext. 230, unless you indicate there is a better time, or number to use.

Thank you,

Taran Beaty

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: September 16, 2008 9:44 AM
To: Beaty, Taran (ENE)
Subject: Re: message

Please see response to questions below

lee

"Beaty, Taran (ENE)" <Taran.Beaty@ontario.ca> on Tuesday, September 16, 2008 at 8:23 AM -0500 wrote:
Hello Mr. Goodwin,

Lee could not answer my questions at the time he called me because he was in a vehicle, not at the school. He said he would call me once he was back in the office, but did not.

I'm happy to discuss the flushing with Doug, and I will also have questions about taking samples of water from the school and having them tested for lead.

I am available at any time on this Thursday, September 18, 2008. Please let me know what time on Thursday I can reach either you or Doug to perform this inspection. PRIOR TO the inspection, please fax to the number below:Thursday is actually not a bad day here so we can do it either in the morning or

2008/09/16

afternoon

- Copies of flushing records for September, 2008, and December, 2007.I can send these via e-mail?

Copies of any lead test results for samples tested in 2007 and 2008.I can scan and send these via e-mail?

Copies of any sampling records made when collecting the samples (or a copy of the Chain of Custody form which would have been submitted to the lab with the samples).I can scan and send via e-mail for Aug. 2008?

A brief description of Ashbury College's facility (e.g.: number of buildings, number of students, age of plumbing in the buildings).Campus is approximately 300,000 sq. tf, built in stages starting from 1909, 1924, 1927, 1957, 1973, 1984, 1994, 1999, 2994, 2007 and in process for a 2009 dorm flats, student population is 650, approximately 95 boarding students, the female boarders live in a separate facility built in 1999 and second phase in 2007, male boarders live in a residence renovated in 1994 with NO DRINKING FONTAINS (we supply Labrador drinking fountains) 18litre bottles.

We have a new dinning facility built in 2004 with a new domestic water supply from the city, original one was replaced, with exception to 2 drinking fountains all fountains were installed during the school addition in 1994, the 2 remaining fountains were installed in the renovation in 1973.

thanks
lee

You may respond to this email, or call me at the number below, to indicate your chosen time on Thursday for the inspection. Please be aware the interview typically takes 45 minutes.

Thank you,

Taran Beaty

Facilities Drinking Water Inspector

Ministry of the Environment

Safe Drinking Water Branch

2 St. Clair Ave. W - 19th Floor

Toronto, ON M4V 1L5

Ph: 416-314-7626

2008/09/16

Fax: 416-212-7576

taran.beaty@ontario.ca

Provincial Officer Badge #1351

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: Tuesday, September 16, 2008 8:06 AM
To: Beaty, Taran (ENE)
Subject: message

Teran

If you could let us know what date is appropriate for you, I would have assume that Doug would have answered your questions as he is the individual that does the water cycling in the morning.

thanks
lee

Lee Goodwin
Facilities Management & Engineer
Ashbury College Inc.
362 Mariposa Avenue
Ottawa, Ontario K1M 0T3

Phone +1(613) 749-9630 ext. 230
Fax +1 (613) 749-9724
lgoodwin@ashbury.ca
Web:www.ashbury.ca

Character.Commitment.Achievement.

2008/09/16

Beaty, Taran (ENE)

From: Lee Goodwin [lgoodwin@ashbury.ca]
Sent: September 16, 2008 9:44 AM
To: Beaty, Taran (ENE)
Subject: Re: message

Please see response to questions below

lee

"Beaty, Taran (ENE)" <Taran.Beaty@ontario.ca> on Tuesday, September 16, 2008 at 8:23 AM -0500 wrote:
Hello Mr. Goodwin,

Lee could not answer my questions at the time he called me because he was in a vehicle, not at the school. He said he would call me once he was back in the office, but did not.

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I am available at any time on this Thursday, September 18, 2008. Please let me know what time on Thursday I can reach either you or Doug to perform this inspection. PRIOR TO the inspection, please fax to the number below:Thursday is actually not a bad day here so we can do it either in the morning or afternoon

- Copies of flushing records for September, 2008, and December, 2007.I can send these via e-mail?
- Copies of any lead test results for samples tested in 2007 and 2008.I can scan and send these via e-mail?
- Copies of any sampling records made when collecting the samples (or a copy of the Chain of Custody form which would have been submitted to the lab with the samples).I can scan and send via e-mail for Aug. 2008?
- A brief description of Ashbury College's facility (e.g.: number of buildings, number of students, age of plumbing in the buildings).Campus is approximately 300,000 sq. tf, built in stages starting from 1909, 1924, 1927, 1957, 1973, 1984, 1994, 1999, 2994, 2007 and in process for a 2009 dorm flats, student population is 650, approximately 95 boarding students, the female boarders live in a separate facility built in 1999 and second phase in 2007, male boarders live in a residence renovated in 1994 with NO DRINKING FONTAINS (we supply Labrador drinking fountains) 18litre bottles.

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2008/09/16

thanks
lee

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Thank you,

Taran Beaty

Facilities Drinking Water Inspector

Ministry of the Environment

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2 St. Clair Ave. W - 19th Floor

Toronto, ON M4V 1L5

Ph: 416-314-7626

Fax: 416-212-7576

taran.beaty@ontario.ca

Provincial Officer Badge #1351

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: Tuesday, September 16, 2008 8:06 AM
To: Beaty, Taran (ENE)
Subject: message

2008/09/16

Teran

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thanks
lee

Lee Goodwin
Facilities Management & Engineer
Ashbury College Inc.
362 Mariposa Avenue
Ottawa, Ontario K1M 0T3

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Fax +1 (613) 749-9724
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Web:www.ashbury.ca

Character.Commitment.Achievement.

2008/09/16

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Sent: September 16, 2008 8:23 AM
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Subject: RE: message

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- Copies of any lead test results for samples tested in 2007 and 2008.
- Copies of any sampling records made when collecting the samples (or a copy of the Chain of Custody form which would have been submitted to the lab with the samples).
- A brief description of Ashbury College's facility (e.g.: number of buildings, number of students, age of plumbing in the buildings).

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Facilities Drinking Water Inspector

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Toronto, ON M4V 1L5

Ph: 416-314-7626

Fax: 416-212-7576

taran.beaty@ontario.ca

2008/09/16

Provincial Officer Badge #1351

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: Tuesday, September 16, 2008 8:06 AM
To: Beaty, Taran (ENE)
Subject: message

Teran

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thanks
lee

Lee Goodwin
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2008/09/16

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From: Lee Goodwin [lgoodwin@ashbury.ca]
Sent: September 16, 2008 8:06 AM
To: Beaty, Taran (ENE)
Subject: message

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Fax +1 (613) 749-9724
lgoodwin@ashbury.ca
Web:www.ashbury.ca

Character.Commitment.Achievement.

2008/09/16

Beaty, Taran (ENE)

From: Lee Goodwin [lgoodwin@ashbury.ca]
Sent: Monday, June 30, 2008 7:44 AM
To: Beaty, Taran (ENE)
Subject: Re: confirmation

Taran

my apologies but I have several staff that did not show up to work this morning and I may not be available to complete the survey, please do try my office as I may be back at that time, please feel free to reschedule at your convenience.

thanks
lee

Lee Goodwin
Facilities Management & Engineer
Ashbury College Inc.
362 Mariposa Avenue
Ottawa, Ontario K1M 0T3

Phone +1(613) 749-9630 ext. 230
Fax +1 (613) 749-9724
lgoodwin@ashbury.ca
Web:www.ashbury.ca

Character.Commitment.Achievement.

Lee Goodwin on Friday, June 27, 2008 at 6:45 AM -0500 wrote:
Taran

please see attached info, if required I do have spreadsheet available however the info is just copied from the authentic form to the spreadsheets.

thanks
lee

"Beaty, Taran (ENE)" <Taran.Beaty@ontario.ca> on Thursday, June 26, 2008 at 8:41 AM -0500 wrote:
Lee Goodwin
Facilities Management & Engineer
Ashbury College Inc.
362 Mariposa Avenue
Ottawa, Ontario K1M 0T3

Good morning Lee,

You have the correct email address.

Thank you,

Taran Beaty

Compliance Audit Officer

Ministry of the Environment

Safe Drinking Water Branch

2 St. Clair Ave. W - 19th Floor

Toronto, ON M4V 1L5

Ph: 416-314-7626

Fax: 416-212-7576

taran.beaty@ontario.ca

Provincial Officer Badge #1351

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: Thursday, June 26, 2008 6:16 AM
To: Beaty, Taran (ENE)
Subject: confirmation

Taran

if you could confirm your e-mail address, prior to sending scanned information.

thank you

2008/06/30

Lee Goodwin
Facilities Management & Engineer
Ashbury College Inc.
362 Mariposa Avenue
Ottawa, Ontario K1M 0T3

Phone +1(613) 749-9630 ext. 230
Fax +1 (613) 749-9724
lgoodwin@ashbury.ca
Web:www.ashbury.ca

Character.Commitment.Achievement.

2008/06/30

Beaty, Taran (ENE)

From: Lee Goodwin [lgoodwin@ashbury.ca]
Sent: Friday, June 27, 2008 6:45 AM
To: Beaty, Taran (ENE)
Subject: Re: confirmation
Attachments: Mar 08 testing.pdf; April 08 testing.pdf; Dec 07 testing.pdf; Feb 08 testing.pdf; How to flush.pdf; were and how to test.pdf; May 08 testing.pdf; Nov 07 testing.pdf; Sampling for Lead.pdf

Taran

please see attached info, if required I do have spreadsheet available however the info is just copied from the authentic form to the spreadsheets.

thanks
lee

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Ottawa, Ontario K1M 0T3

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Thank you,

Taran Beaty

Compliance Audit Officer

Ministry of the Environment

Safe Drinking Water Branch

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Toronto, ON M4V 1L5

Ph: 416-314-7626

2008/06/27

Fax: 416-212-7576

taran.beaty@ontario.ca

Provincial Officer Badge #1351

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: Thursday, June 26, 2008 6:16 AM
To: Beaty, Taran (ENE)
Subject: confirmation

Taran

if you could confirm your e-mail address, prior to sending scanned information.

thank you

Lee Goodwin
Facilities Management & Engineer
Ashbury College Inc.
362 Mariposa Avenue
Ottawa, Ontario K1M 0T3

Phone +1(613) 749-9630 ext. 230
Fax +1 (613) 749-9724
lgoodwin@ashbury.ca
Web:www.ashbury.ca

Character.Commitment.Achievement.

2008/06/27

MAR	MAIN: HALLWAY	UPPER ARC -	LOWER ARC -	JUNIOR P-O	BACK 84 GYM.	84	LOWER: MUSIC
1	✓	✓	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	✓	✓	✓
3	✓	✓	✓	✓	✓	✓	✓
4	✓	✓	✓	✓	✓	✓	✓
5	✓	✓	✓	✓	✓	✓	✓
6	✓	✓	✓	✓	✓	✓	✓
7	✓	✓	✓	✓	✓	✓	✓
10	✓	✓	✓	✓	✓	✓	✓
11	✓	✓	✓	✓	✓	✓	✓
12	✓	✓	✓	✓	✓	✓	✓
13	✓	✓	✓	✓	✓	✓	✓
14	✓	✓	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓	✓	✓
18	✓	✓	✓	✓	✓	✓	✓
19	✓	✓	✓	✓	✓	✓	✓
20	✓	✓	✓	✓	✓	✓	✓
21	✓	✓	✓	✓	✓	✓	✓
24	✓	✓	✓	✓	✓	✓	✓
25	✓	✓	✓	✓	✓	✓	✓
26	✓	✓	✓	✓	✓	✓	✓
27	✓	✓	✓	✓	✓	✓	✓
28	✓	✓	✓	✓	✓	✓	✓
31	✓	✓	✓	✓	✓	✓	✓

APR 2008

	MAIN HALLWAY	UPPER ARC	LOWER ARC	JUNIOR P-O-D	BACK GH GYM	LOWER GH	MUSIC
	✓	✓	✓	✓	✓	✓	✓
1	✓	✓	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	✓	✓	✓
3	✓	✓	✓	✓	✓	✓	✓
4	✓	✓	✓	✓	✓	✓	✓
7	✓	✓	✓	✓	✓	✓	✓
8	✓	✓	✓	✓	✓	✓	✓
9	✓	✓	✓	✓	✓	✓	✓
10	✓	✓	✓	✓	✓	✓	✓
11	✓	✓	✓	✓	✓	✓	✓
14	✓	✓	✓	✓	✓	✓	✓
15	✓	✓	✓	✓	✓	✓	✓
16	✓	✓	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓	✓	✓
18	✓	✓	✓	✓	✓	✓	✓
21	✓	✓	✓	✓	✓	✓	✓
22	✓	✓	✓	✓	✓	✓	✓
23	✓	✓	✓	✓	✓	✓	✓
24	✓	✓	✓	✓	✓	✓	✓
25	✓	✓	✓	✓	✓	✓	✓
28	✓	✓	✓	✓	✓	✓	✓
29	✓	✓	✓	✓	✓	✓	✓
30	✓	✓	✓	✓	✓	✓	✓
31	✓	✓	✓	✓	✓	✓	✓

	MAIN HALLWAY	UPPER ARC	LOWER ARC	JUNIOR POD	BACK GYM	LR	LOWER MUSIC
DEC.							
17	✓	✓	✓	✓	✓	✓	✓
18	✓	✓	✓	✓	✓	✓	✓
19	✓	✓	✓	✓	✓	✓	✓
20	✓	✓	✓	✓	✓	✓	✓
21	✓	✓	✓	✓	✓	✓	✓
JAN.							
2	✓	✓	✓	✓	✓	✓	✓
3	✓	✓	✓	✓	✓	✓	✓
4	✓	✓	✓	✓	✓	✓	✓
7	✓	✓	✓	✓	✓	✓	✓
8	✓	✓	✓	✓	✓	✓	✓
9	✓	✓	✓	✓	✓	✓	✓
10	✓	✓	✓	✓	✓	✓	✓
11	✓	✓	✓	✓	✓	✓	✓
14	✓	✓	✓	✓	✓	✓	✓
15	✓	✓	✓	✓	✓	✓	✓
16	✓	✓	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓	✓	✓
18	✓	✓	✓	✓	✓	✓	✓
21	✓	✓	✓	✓	✓	✓	✓
22	✓	✓	✓	✓	✓	✓	✓
23	✓	✓	✓	✓	✓	✓	✓
24	✓	✓	✓	✓	✓	✓	✓

	MAIN HALLWAY (#4)	UPPER ARC	LOWER ARC	JUNIOR P.O.	BACK GYM.	SH	LOWER MUSIC
JAN 28	✓	✓	✓	✓	✓	✓	✓
29	✓	✓	✓	✓	✓	✓	✓
30	✓	✓	✓	✓	✓	✓	✓
31	✓	✓	✓	✓	✓	✓	✓
FEB 1							
4	✓	✓	✓	✓	✓	✓	✓
5	✓	✓	✓	✓	✓	✓	✓
6	✓	✓	✓	✓	✓	✓	✓
7	✓	✓	✓	✓	✓	✓	✓
8							
11	✓	✓	✓	✓	✓	✓	✓
12	✓	✓	✓	✓	✓	✓	✓
13	✓	✓	✓	✓	✓	✓	✓
14	✓	✓	✓	✓	✓	✓	✓
15							
18	✓	✓	✓	✓	✓	✓	✓
19	✓	✓	✓	✓	✓	✓	✓
20	✓	✓	✓	✓	✓	✓	✓
21	✓	✓	✓	✓	✓	✓	✓
22	✓	✓	✓	✓			
25	✓	✓	✓	✓	✓	✓	✓
26	✓	✓	✓	✓	✓	✓	✓
27	✓	✓	✓	✓	✓	✓	✓
28	✓	✓	✓	✓	✓	✓	✓
~~MAR.~~ 29	✓	✓	✓	✓			

	MAIN HALLWAY	UPPER ARC	LOWER ARC	JUNIOR POD	BACK 84 GYM	1½ 84	LOWER MUSIC
DEC.							
17							
18							
19							
20							
21							
JAN							
2							
3							
4							
7							
8							
9							
10							
11							
14							
15							
16							
17							
18							
21							
22							
23							
24							

MAY 2008

	MAIN HALLWAY	UPPER ARC	LOWER ARC	JUNIOR POR	84 GYM. BACK	LO 84	WEB. MUSIC
1	✓	✓	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	✓	✓	✓
5	✓	✓	✓	✓	✓	✓	✓
6	✓	✓	✓	✓	✓	✓	✓
7	✓	✓	✓	✓	✓	✓	✓
8	✓	✓	✓	✓	✓	✓	✓
9	✓	✓	✓	✓	✓	✓	✓
12	✓	✓	✓	✓	✓	✓	✓
13	✓	✓	✓	✓	✓	✓	✓
14	✓	✓	✓	✓	✓	✓	✓
15	✓	✓	✓	✓	✓	✓	✓
16	✓	✓	✓	✓	✓	✓	✓
19	✓	✓	✓	✓	✓	✓	✓
20	✓	✓	✓	✓	✓	✓	✓
21	✓	✓	✓	✓	✓	✓	✓
22	✓	✓	✓	✓	✓	✓	✓
23	L	✓	✓	✓	✓	✓	✓
26	✓	✓	✓	✓	✓	✓	✓
27	✓	✓	✓	✓	✓	✓	✓
28	✓	✓	✓	✓	✓	✓	✓
29	✓	✓	✓	✓	✓	✓	✓
30	✓	✓	✓	✓	✓	✓	✓


ARC: UPPER.
LOWER. ARC.
JUNIOR. POD
BACK. & GYM.
BASE. MUSIC
MAINT. STAIRS
NOV MAIN HALLWAY
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3.
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FLUSHING YOUR PLUMBING

AT-A-GLANCE GUIDE FOR SCHOOLS, PRIVATE SCHOOLS AND DAY NURSERIES

WHO SHOULD FLUSH THEIR PLUMBING?

All schools, private schools and day nurseries

HOW OFTEN SHOULD PLUMBING BE FLUSHED?

How often you flush will depend on when the plumbing that serves the building that houses the school, private school or day nursery was installed. If this date is unknown, assume the plumbing was installed in the year the oldest part of the building's construction was completed.

Schools and Private Schools		Day Nurseries	
Any part of plumbing installed before 1990	All plumbing installed in 1990 or after	Any part of plumbing installed before 1990	All plumbing installed in 1990 or after
Daily	Weekly*	Daily	Weekly*

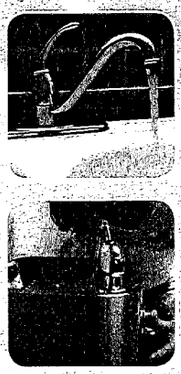
* The Chief Drinking Water Inspector of Ontario recommends that all facilities, regardless of the age of the plumbing, flush daily as a precautionary measure.

HOW TO FLUSH YOUR PLUMBING

1. **START AND COMPLETE** flushing before your facility opens for the day or week. If on the day when flushing is required a part of the facility has been opened overnight (for example, in residential schools), complete flushing as early as possible – preferably before six a.m.
2. **USE** the tap at the end of each branch or run of pipe in plumbing that serves taps and/or water fountains commonly used to provide water for consumption by children under 18 years of age.
3. **FLUSH** the plumbing by running the cold water for at least five minutes at each of these end-of-the-branch taps.
4. Follow the branch flushing with a **10-SECOND FLUSH** of each tap or fountain that is commonly used to provide water for consumption by children under 18 years of age.
5. **RECORD** the date and time of flushing, and the name of person performing flushing or verifying the operation of any automatic flushing devices that may have been used.

ADDITIONAL NOTES:

- Do not remove the aerator when flushing.
- If possible, bypass any filter device on the tap being flushed.
- If, for a given day or week, a part of the building will not be used to provide services or hold programs for children under 18 years of age, flushing is not required in that part of the building.



For more information about drinking water visit

www.ontario.ca/drinkingwater

Disclaimer: This is a guide only and should not be relied on for compliance purposes. To be clear about your specific legal requirements refer to the text of Ontario Regulation 243/07 (Schools, Private Schools and Day Nurseries) and the Safe Drinking Water Act, 2002. Schools, private schools and day nurseries that operate their own drinking water systems are also regulated under Ontario Regulation 170/03 (Drinking-Water Systems) and have additional legal requirements.

PIBS 6338

Protecting our environment. Ontario

SAMPLING FOR LEAD

AT A GLANCE GUIDE FOR SCHOOLS, PRIVATE SCHOOLS AND DAY NURSERIES

WHO SHOULD SAMPLE FOR LEAD?

- **All schools and private schools**
- **Day nurseries where any part of the plumbing that serves the facility's building was installed before 1990**

HOW OFTEN SHOULD YOU SAMPLE FOR LEAD?

Schools and Private Schools	Day Nurseries (Any part of plumbing installed before 1990)
Once annually between June 15 to August 15	Once annually between May 1 to October 31

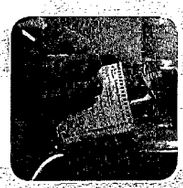
HOW TO SAMPLE FOR LEAD:

1. **CONTACT A LICENSED LABORATORY** for sampling instructions and containers, and complete a Laboratory Services Notification form with the Ministry of the Environment if you have not already done so.
2. **START SAMPLING AFTER A PERIOD OF SIX HOURS** or more since the plumbing was last used. If it is not practical to leave the plumbing unused for six hours, start after the longest practical time period.
3. **SELECT A TAP THAT:**
   - provides cold water;
   - is most likely to be served by lead pipes or pipes with lead solder; and,
   - is commonly used to provide water for consumption by children under 18 years of age.

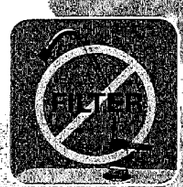
   In the case of a day nursery which has a kitchen tap, the kitchen tap must be used.
4. **TAKE TWO ONE-LITRE SAMPLES** using instructions provided by the laboratory and as follows:
   - Each sample must be taken at the same tap;
   - Each sample must be taken during a continuous period;
   - Each sample must include the first water out of the tap;
   - Water must be flowing at a rate that approximates normal use.
5. **TAKE THE FIRST SAMPLE.**
6. **FLUSH TAP** for at least five minutes.
7. **LEAVE TAP** (and where possible, entire plumbing) unused for 30 minutes but not more than 35 minutes.
8. **TAKE THE SECOND SAMPLE.**
9. **RECORD DATE AND TIME** of when each sample was taken, the amount of time the plumbing was not used prior to sampling, the location in the facility where the sample was taken, and the name of the person who took the sample.
10. **SEND SAMPLES** to licensed laboratory according to the instructions provided.

ADDITIONAL NOTES

- Do not remove the aerator when sampling.
- If a filter or other device that treats water is installed on or near a tap that is to be sampled and it can be bypassed, ensure that the filter or device is bypassed during the sampling procedure. If the filter or other device cannot be bypassed, it may be removed before the six-hour period set out in step 2. Before the six-hour period commences and after the filter or device has been removed, the tap must be flushed for five minutes.
- If your sample shows that your facility's water has high lead levels, you may be asked by the Medical Officer of Health to take additional samples. In this case, you should follow sampling steps as directed by the Medical Officer of Health.







For more information about drinking water visit

www.ontario.ca/drinkingwater

Disclaimer: This is a guide only and should not be relied on for compliance purposes. To be clear about your specific legal requirements refer to the text of Ontario Regulation 243/07 (Schools, Private Schools and Day Nurseries) and the Safe Drinking Water Act, 2002. Schools, private schools and day nurseries that operate their own drinking water systems are also regulated under Ontario Regulation 170/03 (Drinking-Water Systems) and have additional legal requirements.

PIBS 6339

Protecting our environment. Ontario

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NOTES

- On August 30, 2007, the Chief Drinking Water Inspector of Ontario recommended daily flushing at all schools, private schools and day nurseries regardless of the age of plumbing. This precautionary recommendation was made in response to incidents of tests that showed exceedances of the provincial standard for lead in schools with plumbing installed in or after 1990. The Ministry of the Environment is continuing to analyze the test results from regulated facilities across the province.

- With two exceptions, the facilities subject to O. Reg. 243/07 are all facilities that meet the criteria of the definitions of "school" or "private school" under the Education Act, or the definition of "day nursery" under the Day Nurseries Act.

The exceptions are:

- A place of residence used by a teacher or other employee of the school or private school; or

- Facilities that are served by a drinking water system that does not use electricity and does not serve any building or structure that uses electricity, where all drinking water fountains are rendered inoperative and warning notices are posted and regularly checked.

C: Five steps to complying with O. Reg. 243/07

Step 1: Weekly or daily flushing

The frequency of flushing depends on the age of your facility's plumbing. The requirements for weekly or daily flushing replace the previous flushing regulation (O. Reg. 173/03) for schools, private schools and day nurseries, which has now been revoked.

Weekly Flushing
If your school, private school or day nursery is located in a building where all parts of the plumbing serving the building (including the water service pipe) were installed in or after 1990, you are only required to flush weekly. The Chief Drinking Water Inspector of Ontario recommends that facilities required by regulation to flush weekly consider daily flushing as a precautionary measure.

Daily Flushing
If your school, private school or day nursery is located in a building where the plumbing that serves the building (including the water service pipe) has any parts that were installed before January 1, 1990, you are required to flush daily.

When you should flush

- For weekly flushing, flush on the first day that the school, private school or day nursery is open each week.

- For daily flushing, flush every day that the school, private school or day nursery is open.

- Complete the flushing before the facility opens for the day. Where a school or private school building is open for 24 hours on that day (e.g. a building housing student residences within the school property), flushing must be completed as early as practical, preferably before 6 a.m.

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NOTES

- A school or private school is considered to be open when, at any time during the day, a program or service for children under 18 years of age is held or provided at the facility.
- A day nursery is considered to be open when, at any time during the day, any of the children cared for are present in the facility.

Where and how to flush

- First, turn on the cold water 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.
- Then, turn on the cold water 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.
- Make a written record of the date and time of every required flushing and the name of the person who performed the flushing. If auto flushers are used, record the name of the person who verified that the automatic flushing took place.

NOTES

- The intention of the minimum five-minute flushing of the plumbing is to run the water until water from the water main in the street or your well reaches the taps used for flushing. Depending on the length of the pipes through which the water has to travel and the size of the pipes, it may take longer than five minutes for this to happen. In such cases, you may need to flush your plumbing for a longer time.
- You are not required to conduct the five-minute flushing of plumbing or the 10-second tap/fountain flushing in parts of a building that will be closed to children for the entire week, in case of weekly flushing, or the entire day, in case of daily flushing.
- If a tap or drinking water fountain has an aerator, do not remove the aerator when flushing.
- If a tap or drinking water fountain has an individual filter or other water treatment device, you should bypass the filter when flushing if this can be done easily. You are not required to bypass a filter or treatment device if it would require removing or dismantling the device to do so.
- An example of a suitable form you can use to record your flushing information can be found on the ministry's Drinking Water Ontario website at: www.ontario.ca/drinkingwater. You are not required to use this specific form; it is intended as an example only.
- You can also find a quick reference "At-A-Glance" poster on flushing on the ministry's Drinking Water Ontario website at: www.ontario.ca/drinkingwater.

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This form has not been completed.

Ontario

Ministry of the Environment and Climate Change

Notice of Lead Exceedance Test Results Schools, Private Schools and Child Care Centres (O. Reg. 243/07)

Fields marked with an asterisk (*) are mandatory.

Instructions

- Please print if completing by hand.
- Submit completed forms by fax or e-mail.
- Lab completes sections B, C and F.
- Facility operator completes section A, section D1 and section E and submits with sections B, C and F within 24 hours to the applicable agencies listed in section E. Facility operator also completes and submits section D2 upon Issue Resolution.

SAC Office Use Only

AWQI Number

Part A - Operator of Facility Verification and Consent

Fixture Identification Number/Description*#27-1-Elmdale-Kitchen

Signature of Facility Operator *	Date (yyyy/mm/dd)
	2021/09/10

Part B - Laboratory Information

Laboratory Name *	Licence Number *
Eurofins Environment Testing Canada Inc.	2318

Unit/Suite Number	Street Number *	Street Name *
8	146	Colonnade Rd.

Rural Route	Lot/Part/Block/Section	Concession

City/Town/Municipality *	Province *	Postal Code *
Ottawa	Ontario	K2E 7Y1

Business Phone Number *	Laboratory Written Notification Prepared By *
613-727-5692	Kendra Buchan

Date of Exceedance O. Reg 243/07 Test Result Authorized (yyyy/mm/dd) *	Date of Exceedance Notifications Submitted (yyyy/mm/dd) *
2021/09/03	2021/09/03

Signed By	Signature
Kendra Buchan	KendraB

Part C - Facility Information

Name of School/Private School/Child Care Centre *

R243 ASHBURY COLLEGE

Legal Name of School/Private School/Child Care Centre Operator (i.e. School Board) *

Ashbury College

Type *

☐ School ☑ Private School ☐ Child Care Centre

DWIS Number *	Ministry of Education SFIS Number/School Number	Child Care Centre Licence Number
500125932	886297	

Unit/Suite Number	Street Number *	Street Name *
	362	Mariposa Ave

Rural Route	Lot/Part/Block/Section	Concession

City/Town/Municipality *	Province	Postal Code
Ottawa	ON	K1M 0T3

Contact Information

Last Name	First Name	
Goodwin	Lee	
Position	**Telephone Number**	**Fax Number**
Facility Management	613-749-9630 ext. 230	

Email Address
lee.goodwin@ashbury.ca

Part D1 - Exceedance Notifications/Corrective Actions

Fixture Identification Number/Description #27-1-Elmdale-Kitchen

Please complete section D1 and submit with sections B, C, E and F within 24 hours to the agencies listed in Section E. Upon Issue Resolution please submit section D2 within seven days to the same authorities to whom you submitted the initial exceedance test results.

Name of School/Private School/Child Care Centre *	DWIS Number *
R243 ASHBURY COLLEGE	500125932

Are you co-located and by agreement you are the facility taking a single set of two one liter samples to meet the sampling requirements for all co-located facilities under this agreement? *

☐ Yes ☒ No

If you answered Yes above, list the Names and DWIS No. for the schools/private schools and child care centres you are sampling for and ensure that a copy of the test results is provided to those same facilities within 24 hours of receiving the test results from the laboratory.

Name of School/Private School/Child Care Centre *	DWIS Number *
1.	
2.	
3.	

For more than 4 co-located facilities, attach additional Section D-1's as required.

Co-located Facilities means, two or more O. Reg 243/07 facilities (school, private school, child care centre) that are served by the same plumbing system. The facilities may be either located in one building (Structure) or located in different buildings within one property.

Earliest year plumbing installed (yyyy)
2016

Was facility open to children under the age of 18 years at the time of sampling? *

☐ Yes ☒ No

Is this a resample test result for the same location for which a lead exceedance was previously reported? *

☒ Yes ☐ No

Indicate where you have sent this completed form. Contact information follows in Section E *

☑ Ministry of the Environment Spills Action Centre ☑ Local Medical Officer of Health ☑ Ministry of Education

Corrective Actions Required by Health Unit

Corrective Actions	Required *	Comments
Continue Flushing (ensuring daily flushing of fixture for standing exceedances; and daily flushing of all fixtures for flushed exceedances)	☑ Yes ☐ No	
Tap rendered inaccessible to Children (Specific to flushed exceedances)	☐ Yes ☐ No	
Install Filter and collect samples	☐ Yes ☐ No	
Replace Fixture and collect samples	☑ Yes ☐ No	
Increase Flushing	☐ Yes ☐ No	
Resample	☑ Yes ☐ No	
Notified Parents	☐ Yes ☐ No	

Other Corrective Actions (If no actions required also indicate here)	

Sample Results are attached/enclosed *

☑ Yes ☐ No

Name of person completing this section *

Lee Goodwin

Signature	Date Written Notification Submitted (yyyy/mm/dd) *
	2021/09/10

Part D2 - Notice of Issue Resolution

Fixture Identification Number/Description #27-1-Elmdale-Kitchen

This section is to be completed by the Operator of the School/Private School/Child Care Centre once all corrective actions required by your Medical Officer of Health have been completed. **You must then complete and submit the Notice of Issue Resolution within seven days to the same agencies notified of the initial lead exceedance test results.**

In the case of co-located facilities, those facilities that have reached an agreement to have one set of samples taken on their behalf, will need to have a representative for each facility sign in the co-location section at the bottom of this page to indicate that they have complied with all corrective actions that the public health unit has required.

Name of School/Private School/Child Care Centre	DWIS Number *
R243 ASHBURY COLLEGE	500125932

Contact Information

Last Name	First Name	Telephone Number
Goodwin	Lee	613-749-9630 ext. 230

Name of Local Public Health Unit

Ottawa Public Health

Date Initial Exceedance Submitted to the Ministry of the Environment - Spills Action Centre (yyyy/mm/dd)

2021/09/03

Date Resolved (yyyy/mm/dd) *	Date Resolution Submitted (yyyy/mm/dd) *
2021/09/09	2021/09/10

Additional Comments

I have complied with all corrective actions, as indicated in Part D1, and as required by my Local Health Unit

Last Name *	First Name *
Goodwin	Lee

Signature	Date (yyyy/mm/dd)

Sample Results are attached/enclosed *

☐ Yes ☑ No

Co-location Signatures if applicable

1. Name of School/Private School/Child Care Centre	DWIS Number

Signed By

Last Name	First Name

Signature	Date (yyyy/mm/dd)

2. Name of School/Private School/Child Care Centre	DWIS Number

Signed By

Last Name	First Name
Signature	Date (yyyy/mm/dd)

3. Name of School/Private School/Child Care Centre | DWIS Number

Signed By

Last Name	First Name
Signature	Date (yyyy/mm/dd)

Part E - Exceedance Notifications

Fixture Identification Number/Description #27-1-Elmdale-Kitchen

Name of School/Private School/Child Care Centre *

R243 ASHBURY COLLEGE

Local Medical Officer of Health

Telephone Number * ext.	Fax Number	Email Address

Public Health Inspector Name

Telephone Number * ext.	Fax Number	Email Address

If you are e-mailing this section, please enter "R243 Exceedance and name of your School/Private School/Child Care Centre in Subject line.

Ministry of the Environment and Climate Change - Spills Action Centre
Telephone: 1-800-268-6060 (toll free) or 416-325-3000
Fax: 1-800-268-6062 (toll free) or 416-325-3011
Email: AWQI.Reporting@ontario.ca

Public schools submit exceedance results to **Ministry of Education.**
Fax: 416-325-4024
Public Schools contact: EDU_DrinkingWater@ontario.ca

Child Care Centres submit exceedance results to **Ministry of Education.**

Child Care Centres contact: childcare_ontario@ontario.ca

Part F - Drinking Water Exceedance Results

Name of School/Private School/Child Care Centre	DWIS Number
R243 ASHBURY COLLEGE	500125932

Local Medical Officer of Health/Public Health Inspector Name *
Ottawa Public Health Unit

Telephone Number	ext.	Fax Number	Email Address
613-580-6744			healthsante@ottawa.ca

For Lead Samples Only

Lab Sample ID	Fixture Identification Number/Description	Sample Collection Date (yyyy/mm/dd)	Sample Type	Parameter Name	Test Result (µg/L)	Ontario Drinking Water Quality Standard
1961176/1579269	#27-1-Elmdale-Kitchen	2021/08/29	Standing	Lead	269	10µg/L
1961176/1579270	#27-1-Elmdale-Kitchen	2021/08/29	Flushed	Lead	<1	10µg/L

Other Parameter Exceedances Under O. Regulation 243/07

Lab Sample ID	Fixture Identification Number/Description	Sample Collection Date (yyyy/mm/dd)	Sample Type	Parameter Name	Test Result	Ontario Drinking Water Quality Standard
1581292	~~#27~~-1-Elmdale-Kitchen #1	2021/09/08	Standing	Lead	< 1	10 ug/L
1581293	~~#27~~-1-Elmdale-Kitchen #2	2021/09/08	Flushed	Lead	< 1	10 ug/L

Comments

eurofins | Environment Testing

Certificate of Analysis

Client: R243 ASHBURY COLLEGE (886297)
362 Mariposa Ave.
Ottawa, ON
K1M 0T3
Attention: Mr. Lee Goodwin
PO#:
Invoice to: Ashbury College

Report Number: 1961889
Date Submitted: 2021-09-08
Date Reported: 2021-09-09
Project:
COC #: 105794
Waterworks/Facility: 500125932

Dear Lee Goodwin:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Rebecca Koshy
2021.09.09
17:49:05
-04'00'

APPROVAL: _____
Rebecca Koshy, Project Manager

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at: http://www.cala.ca/scopes/2602.pdf.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is licensed by the Ontario Ministry of the Environment, Conservation, and Parks (MECP) for specific tests in drinking water (license #2318). A copy of the license is available upon request.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by the Ontario Ministry of Agriculture, Food, and Rural Affairs for specific tests in agricultural soils.

Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only. Guideline values listed on this report are provided for ease of use (informational purposes) only. Eurofins recommends consulting the official provincial or federal guideline as required. Unless otherwise stated, measurement uncertainty is not taken into account when determining guideline or regulatory exceedances.

eurofins | Environment Testing

Certificate of Analysis

Client: R243 ASHBURY COLLEGE (886297)
362 Mariposa Ave.
Ottawa, ON
K1M 0T3
Attention: Mr. Lee Goodwin
PO#:
Invoice to: Ashbury College

Report Number: 1961889
Date Submitted: 2021-09-08
Date Reported: 2021-09-09
Project:
COC #: 105794
Waterworks/Facility: 500125932

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1581292 Supply Water STANDING 2021-09-08 #1 - 1 Elmdale - Kitchen - S	1581293 Supply Water FLUSHED 2021-09-08 #2 - 1 Elmdale - Kitchen - F
Metals	Pb	0.001	mg/L	MAC 0.010		<0.001	<0.001

Guideline = MOE REG. 243/07 *** = Guideline Exceedence**

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

eurofins | Environment Testing

Certificate of Analysis

Client: R243 ASHBURY COLLEGE (886297)
362 Mariposa Ave.
Ottawa, ON
K1M 0T3
Attention: Mr. Lee Goodwin
PO#:
Invoice to: Ashbury College

Report Number: 1961889
Date Submitted: 2021-09-08
Date Reported: 2021-09-09
Project:
COC #: 105794
Waterworks/Facility: 500125932

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 408203 Analysis/Extraction Date 2021-09-09 Analyst AET Method EPA 200.8			
Lead	<0.001 mg/L	100	80-120

Guideline = MOE REG. 243/07 *** = Guideline Exceedence**

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

eurofins 105794

DRINKING WATER CHAIN-OF-CUSTODY

146 Colonnade Road, Unit #8, Ottawa, ON, K2E 7Y1 - Phone: 613-727-5692, Fax: 613-727-5222

Eurofins Workorder #: 19618889

CLIENT INFORMATION

Company: Ashbury College
Contact: Lee Goodwin
Address: 362 Mariposa Avenue
Telephone: 613-749-9630 ext 230 Fax: 613-749-9724
Email #1: lgoodwin@ashbury.ca #2:
Project:
PO #: Quote #:

WATERWORKS INFORMATION

Waterworks Name:
Waterworks #: 500125932
Contact:
Address:
Telephone: Fax:
Cell Phone:
Email #1: #2:

REGULATION/GUIDELINE REQUIRED

☐ O. Reg 170 ☐ O. Reg 170 15.1 ☐ ODWSOG ☐ Private Well ☐ None
☐ O. Reg 318/319 ☑ O. Reg 243 ☐ GCDWQ ☐ Other:

TURNAROUND TIME (Business Days)

☑ 1 Day* (100%) ☐ 2 Day** (50%) ☐ 3-5 Days (25%) ☐ 5-7 Days (Standard)

Please contact the laboratory in advance to determine rush availability. Surcharges may apply to rush service. Note that some tests (i.e. O. Reg. 170 Schedule 24 pesticides) may take up to 3 weeks to analyze). Please see notes (on reverse) about TAT policies.

The optimal temperature conditions during transport must be less than 10°C. Sample(s) cannot be frozen. Note that for drinking water samples, all exceedances will be reported where (and how) the application legislation requires.
The COC must be complete upon submission of the samples, there will be a $25 surcharge if required information is missing (required fields are shaded in grey).

Sample Details							Sample Analysis Required							Field Measurements			
Sample ID	Date/Time Collected	Sample Type Code (see below)	Resample? Y = Yes N = No	MOE/MOH Reportable? Y = Yes N = No	# of Containers	SPL Code/Watertrax	Sample Location (i.e. Kitchen, POE)	24/36						Total Chlorine	Free Chlorine	Field Turbidity	Sample RN# (Lab Use Only)
#1- 1 Elmdale	08/09/21 0950	S	Y	Y	1		kitchen	✓									15581292
#2- 1 Elmdale	08/09/21 1025	F	Y	Y	1		kitch	✓									93

Sample Type Codes for Drinking Water: RW = Raw Water, TW = Treated Water at Point of Entry to distribution, TW_NT = Untreated Water at Point of Entry to distribution, DW = Distribution, RP = Residential Plumbing, NRP = Non-Residential Plumbing, S = Standing, F = Flushed, PW = Private Well

	PRINT	SIGN	DATE/TIME	TEMP °C	COMMENTS:
Sampled By:	Lee Goodwin		Sept 8/21		
Relinquished By:					
Received By:			8/9/21 11:15	20.4	

AFCOCDW.8

Copies: White - Laboratory, Yellow - Sampler

TRANSMISSION VERIFICATION REPORT

TIME : 09/08/2021 07:46
NAME :
FAX :
TEL :
SER.# : BROC5J230529

DATE,TIME	09/08 07:42
FAX NO./NAME	18002686062
DURATION	00:03:47
PAGE(S)	09
RESULT	OK
MODE	STANDARD

This form has not been completed.

Ontario

Ministry of the Environment and Climate Change

Notice of Lead Exceedance Test Results Schools, Private Schools and Child Care Centres (O. Reg. 243/07)

Fields marked with an asterisk (*) are mandatory.

Instructions

- Please print if completing by hand.
- Submit completed forms by fax or e-mail.
- Lab completes sections B, C and F.
- Facility operator completes section A, section D1 and section E and submits with sections B, C and F within 24 hours to the applicable agencies listed in section E. Facility operator also completes and submits section D2 upon Issue Resolution.

SAC Office Use Only

AWQI Number

Part A – Operator of Facility Verification and Consent

Fixture Identification Number/Description* #27-1-Elmdale-Kitchen

Signature of Facility Operator*

Date (yyyy/mm/dd): 2021/09/10

Part B – Laboratory Information

Laboratory Name *			Licence Number *
Eurofins Environment Testing Canada Inc.			2318
Unit/Suite Number	Street Number *	Street Name *	
8	146	Colonnade Rd.	
Rural Route	Lot/Part/Block/Section	Concession	
City/Town/Municipality *	Province *		Postal Code *
Ottawa	Ontario		K2E 7Y1
Business Phone Number *	Laboratory Written Notification Prepared By *		
613-727-5692	Kendra Buchan		
Date of Exceedance O. Reg 243/07 Test Result Authorized (yyyy/mm/dd) *		Date of Exceedance Notifications Submitted (yyyy/mm/dd) *	
2021/09/03		2021/09/03	
Signed By		Signature	

000171

Ontario

This form has not been completed.

Ministry of the Environment and Climate Change

Notice of Lead Exceedance Test Results Schools, Private Schools and Child Care Centres (O. Reg. 243/07)

Fields marked with an asterisk (*) are mandatory.

Instructions

- Please **print** if completing by hand.
- Submit completed forms by fax or e-mail.
- Lab completes sections B, C and F.
- Facility operator completes section A, section D1 and section E and submits with sections B, C and F within 24 hours to the applicable agencies listed in section E. Facility operator also completes and submits section D2 upon Issue Resolution.

SAC Office Use Only

AWQI Number

Part A Operator of Facility Verification and Consent

Fixture Identification Number/Description* #27-1-Elmdale-Kitchen

Signature of Facility Operator*	Date (yyyy/mm/dd)
	2021/09/10

Part B - Laboratory Information

Laboratory Name *	Licence Number *
Eurofins Environment Testing Canada Inc.	2318

Unit/Suite Number	Street Number *	Street Name *
8	146	Colonnade Rd.

Rural Route	Lot/Part/Block/Section	Concession

City/Town/Municipality *	Province *	Postal Code *
Ottawa	Ontario	K2E 7Y1

Business Phone Number *	Laboratory Written Notification Prepared By *
613-727-5692	Kendra Buchan

Date of Exceedance O. Reg 243/07 Test Result Authorized (yyyy/mm/dd) *	Date of Exceedance Notifications Submitted (yyyy/mm/dd) *
2021/09/03	2021/09/03

Signed By	Signature
Kendra Buchan	KendraB

Part C Facility Information

Name of School/Private School/Child Care Centre *
R243 ASHBURY COLLEGE

Legal Name of School/Private School/Child Care Centre Operator (i.e. School Board) *
Ashbury College

Type *

☐ School ☑ Private School ☐ Child Care Centre

DWIS Number *	Ministry of Education SFIS Number/School Number	Child Care Centre Licence Number
500125932	886297	

Unit/Suite Number	Street Number *	Street Name *
	362	Mariposa Ave

Rural Route	Lot/Part/Block/Section	Concession

City/Town/Municipality *	Province	Postal Code
Ottawa	ON	K1M 0T3

 © Queen's Printer for Ontario, 2018

Contact Information

Last Name	First Name	
Goodwin	Lee	
Position	**Telephone Number**	**Fax Number**
Facility Management	613-749-9630 ext. 230	

Email Address
lee.goodwin@ashbury.ca

Part D1 - Exceedance Notifications/Corrective Actions

Fixture Identification Number/Description #27-1-Elmdale-Kitchen

Please complete section D1 and submit with sections B, C, E and F within 24 hours to the agencies listed in Section E. Upon Issue Resolution please submit section D2 within seven days to the same authorities to whom you submitted the initial exceedance test results.

Name of School/Private School/Child Care Centre *	DWIS Number *
R243 ASHBURY COLLEGE	500125932

Are you co-located and by agreement you are the facility taking a single set of two one liter samples to meet the sampling requirements for all co-located facilities under this agreement? *

☐ Yes ☒ No

If you answered Yes above, list the Names and DWIS No. for the schools/private schools and child care centres you are sampling for and ensure that a copy of the test results is provided to those same facilities within 24 hours of receiving the test results from the laboratory.

Name of School/Private School/Child Care Centre *	DWIS Number *
1.	
2.	
3.	

For more than 4 co-located facilities, attach additional Section D-1's as required.

Co-located Facilities means, two or more O. Reg 243/07 facilities (school, private school, child care centre) that are served by the same plumbing system. The facilities may be either located in one building (Structure) or located in different buildings within one property.

Earliest year plumbing installed (yyyy)
2016

Was facility open to children under the age of 18 years at the time of sampling? *

☐ Yes ☒ No

Is this a resample test result for the same location for which a lead exceedance was previously reported? *

☒ Yes ☐ No

Indicate where you have sent this completed form. Contact information follows in Section E *

☑ Ministry of the Environment Spills Action Centre ☑ Local Medical Officer of Health ☑ Ministry of Education

Corrective Actions Required by Health Unit

Corrective Actions	Required *	Comments
Continue Flushing (ensuring daily flushing of fixture for standing exceedances; and daily flushing of all fixtures for flushed exceedances)	☑ Yes ☐ No	
Tap rendered inaccessible to Children (Specific to flushed exceedances)	☐ Yes ☐ No	
Install Filter and collect samples	☐ Yes ☐ No	
Replace Fixture and collect samples	☑ Yes ☐ No	
Increase Flushing	☐ Yes ☐ No	
Resample	☑ Yes ☐ No	
Notified Parents	☐ Yes ☐ No	

Other Corrective Actions (If no actions required also indicate here)	

Sample Results are attached/enclosed *

☑ Yes ☐ No

Name of person completing this section *

Lee Goodwin

Signature	Date Written Notification Submitted (yyyy/mm/dd) *
	2021/09/10

Part D2 - Notice of Issue Resolution

Fixture Identification Number/Description #27-1-Elmdale-Kitchen

This section is to be completed by the Operator of the School/Private School/Child Care Centre once all corrective actions required by your Medical Officer of Health have been completed. **You must then complete and submit the Notice of Issue Resolution within seven days to the same agencies notified of the initial lead exceedance test results.**

In the case of co-located facilities, those facilities that have reached an agreement to have one set of samples taken on their behalf, will need to have a representative for each facility sign in the co-location section at the bottom of this page to indicate that they have complied with all corrective actions that the public health unit has required.

Name of School/Private School/Child Care Centre	DWIS Number *
R243 ASHBURY COLLEGE	500125932

Contact Information

Last Name	First Name	Telephone Number
Goodwin	Lee	613-749-9630 ext. 230

Name of Local Public Health Unit

Ottawa Public Health

Date Initial Exceedance Submitted to the Ministry of the Environment - Spills Action Centre (yyyy/mm/dd)

2021/09/03

Date Resolved (yyyy/mm/dd) *	Date Resolution Submitted (yyyy/mm/dd) *
2021/09/09	2021/09/10

Additional Comments

I have complied with all corrective actions, as indicated in Part D1, and as required by my Local Health Unit

Last Name *	First Name *
Goodwin	Lee

Signature	Date (yyyy/mm/dd)

Sample Results are attached/enclosed *

☑ Yes ☑ No

Co-location Signatures if applicable

1. Name of School/Private School/Child Care Centre	DWIS Number

Signed By

Last Name	First Name

Signature	Date (yyyy/mm/dd)

2. Name of School/Private School/Child Care Centre	DWIS Number

Signed By

Last Name	First Name
Signature	Date (yyyy/mm/dd)

3. Name of School/Private School/Child Care Centre | DWIS Number

Signed By

Last Name	First Name
Signature	Date (yyyy/mm/dd)

Part E - Exceedance Notifications

Fixture Identification Number/Description #27-1-Elmdale-Kitchen

Name of School/Private School/Child Care Centre *

R243 ASHBURY COLLEGE

Local Medical Officer of Health

Telephone Number * ext.	Fax Number	Email Address

Public Health Inspector Name

Telephone Number * ext.	Fax Number	Email Address

If you are e-mailing this section, please enter "R243 Exceedance and name of your School/Private School/Child Care Centre in Subject line.

Ministry of the Environment and Climate Change - Spills Action Centre
Telephone: 1-800-268-6060 (toll free) or 416-325-3000
Fax: 1-800-268-6062 (toll free) or 416-325-3011
Email: AWQI.Reporting@ontario.ca

Public schools submit exceedance results to **Ministry of Education.**
Fax: 416-325-4024
Public Schools contact: EDU_DrinkingWater@ontario.ca

Child Care Centres submit exceedance results to **Ministry of Education.**

Child Care Centres contact: childcare_ontario@ontario.ca

Part F - Drinking Water Exceedance Results

Name of School/Private School/Child Care Centre	DWIS Number
R243 ASHBURY COLLEGE	500125932

Local Medical Officer of Health/Public Health Inspector Name *
Ottawa Public Health Unit

Telephone Number	ext.	Fax Number	Email Address
613-580-6744			healthsante@ottawa.ca

For Lead Samples Only

Lab Sample ID	Fixture Identification Number/Description	Sample Collection Date (yyyy/mm/dd)	Sample Type	Parameter Name	Test Result (µg/L)	Ontario Drinking Water Quality Standard
1961176/1579269	#27-1-Elmdale-Kitchen	2021/08/29	Standing	Lead	269	10µg/L
1961176/1579270	#27-1-Elmdale-Kitchen	2021/08/29	Flushed	Lead	<1	10µg/L

Other Parameter Exceedances Under O. Regulation 243/07

Lab Sample ID	Fixture Identification Number/Description	Sample Collection Date (yyyy/mm/dd)	Sample Type	Parameter Name	Test Result	Ontario Drinking Water Quality Standard
1581292	~~#27~~-1-Elmdale-Kitchen #1	2021/09/08	Standing	Lead	< 1	10 ug/L
1581293	~~#27~~-1-Elmdale-Kitchen #2	2021/09/08	Flushed	Lead	< 1	10 ug/L

Comments

eurofins | Environment Testing

Certificate of Analysis

Client: R243 ASHBURY COLLEGE (886297)
362 Mariposa Ave.
Ottawa, ON
K1M 0T3
Attention: Mr. Lee Goodwin
PO#:
Invoice to: Ashbury College

Report Number: 1961889
Date Submitted: 2021-09-08
Date Reported: 2021-09-09
Project:
COC #: 105794
Waterworks/Facility: 500125932

Dear Lee Goodwin:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

APPROVAL: Rebecca Koshy 2021.09.09 17:49:05 -04'00'

Rebecca Koshy, Project Manager

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at: http://www.cala.ca/scopes/2602.pdf.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is licensed by the Ontario Ministry of the Environment, Conservation, and Parks (MECP) for specific tests in drinking water (license #2318). A copy of the license is available upon request.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by the Ontario Ministry of Agriculture, Food, and Rural Affairs for specific tests in agricultural soils.

Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only. Guideline values listed on this report are provided for ease of use (informational purposes) only. Eurofins recommends consulting the official provincial or federal guideline as required. Unless otherwise stated, measurement uncertainty is not taken into account when determining guideline or regulatory exceedances.

eurofins | Environment Testing

Certificate of Analysis

Client: R243 ASHBURY COLLEGE (886297)
362 Mariposa Ave.
Ottawa, ON
K1M 0T3
Attention: Mr. Lee Goodwin
PO#:
Invoice to: Ashbury College

Report Number: 1961889
Date Submitted: 2021-09-08
Date Reported: 2021-09-09
Project:
COC #: 105794
Waterworks/Facility: 500125932

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1581292 Supply Water STANDING 2021-09-08 #1 - 1 Elmdale - Kitchen - S	1581293 Supply Water FLUSHED 2021-09-08 #2 - 1 Elmdale - Kitchen - F
Metals	Pb	0.001	mg/L	MAC 0.010		<0.001	<0.001

Guideline = MOE REG. 243/07 *** = Guideline Exceedence**

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

eurofins | Environment Testing

Certificate of Analysis

Client: R243 ASHBURY COLLEGE (886297)
362 Mariposa Ave.
Ottawa, ON
K1M 0T3
Attention: Mr. Lee Goodwin
PO#:
Invoice to: Ashbury College

Report Number: 1961889
Date Submitted: 2021-09-08
Date Reported: 2021-09-09
Project:
COC #: 105794
Waterworks/Facility: 500125932

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 408203 Analysis/Extraction Date 2021-09-09 Analyst AET Method EPA 200.8			
Lead	<0.001 mg/L	100	80-120

Guideline = MOE REG. 243/07 *** = Guideline Exceedence**

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

eurofins 105794

DRINKING WATER CHAIN-OF-CUSTODY

146 Colonnade Road, Unit #8, Ottawa, ON, K2E 7Y1 - Phone: 613-727-5692, Fax: 613-727-5222

Eurofins Workorder #: 19618889

CLIENT INFORMATION

Company: Ashbury College
Contact: Lee Goodwin
Address: 362 Mariposa Avenue
Telephone: 613-749-9630 ext 230 Fax: 613-749-9724
Email #1: lgoodwin@ashbury.ca #2:
Project:
PO #: Quote #:

WATERWORKS INFORMATION

Waterworks Name:
Waterworks #: 500125932
Contact:
Address:
Telephone: Fax:
Cell Phone:
Email #1: #2:

REGULATION/GUIDELINE REQUIRED

☐ O. Reg 170 ☐ O. Reg 170 15.1 ☐ ODWSOG ☐ Private Well ☐ None
☐ O. Reg 318/319 ☑ O. Reg 243 ☐ GCDWQ ☐ Other:

TURN-AROUND TIME (Business Days)

☑ 1 Day* (100%) ☐ 2 Day** (50%) ☐ 3-5 Days (25%) ☐ 5-7 Days (Standard)

Please contact the laboratory in advance to determine rush availability. Surcharges may apply to rush service. Note that some tests (i.e. O. Reg. 170 Schedule 24 pesticides) may take up to 3 weeks to analyze). Please see notes (on reverse) about TAT policies.

The optimal temperature conditions during transport must be less than 10°C. Sample(s) cannot be frozen. Note that for drinking water samples, all exceedances will be reported where (and how) the application legislation requires.
The COC must be complete upon submission of the samples, there will be a $25 surcharge if required information is missing (required fields are shaded in grey).

| Sample Details | | |

TRANSMISSION VERIFICATION REPORT

TIME : 09/08/2021 07:46
NAME :
FAX :
TEL :
SER.# : BROC5J230529

DATE,TIME	09/08 07:42
FAX NO./NAME	18002686062
DURATION	00:03:47
PAGE(S)	09
RESULT	OK
MODE	STANDARD

This form has not been completed.

Ontario

Ministry of the Environment and Climate Change

Notice of Lead Exceedance Test Results Schools, Private Schools and Child Care Centres (O. Reg. 243/07)

Fields marked with an asterisk (*) are mandatory.

Instructions

- Please print if completing by hand.
- Submit completed forms by fax or e-mail.
- Lab completes sections B, C and F.
- Facility operator completes section A, section D1 and section E and submits with sections B, C and F within 24 hours to the applicable agencies listed in section E. Facility operator also completes and submits section D2 upon Issue Resolution.

SAC Office Use Only

AWQI Number

Part A – Operator of Facility Verification and Consent

Fixture Identification Number/Description* #27-1-Elmdale-Kitchen

Signature of Facility Operator*

Date (yyyy/mm/dd): 2021/09/10

Part B – Laboratory Information

Laboratory Name *			Licence Number *
Eurofins Environment Testing Canada Inc.			2318
Unit/Suite Number	Street Number *	Street Name *	
8	146	Colonnade Rd.	
Rural Route	Lot/Part/Block/Section	Concession	
City/Town/Municipality *	Province *		Postal Code *
Ottawa	Ontario		K2E 7Y1
Business Phone Number *	Laboratory Written Notification Prepared By *		
613-727-5692	Kendra Buchan		
Date of Exceedance O. Reg 243/07 Test Result Authorized (yyyy/mm/dd) *		Date of Exceedance Notifications Submitted (yyyy/mm/dd) *	
2021/09/03		2021/09/03	
Signed By		Signature	

Ontario

This form has not been completed.

Ministry of the Environment and Climate Change

Notice of Lead Exceedance Test Results Schools, Private Schools and Child Care Centres (O. Reg. 243/07)

Fields marked with an asterisk (*) are mandatory.

Instructions

- Please **print** if completing by hand.
- Submit completed forms by fax or e-mail.
- Lab completes sections B, C and F.
- Facility operator completes section A, section D1 and section E and submits with sections B, C and F within 24 hours to the applicable agencies listed in section E. Facility operator also completes and submits section D2 upon Issue Resolution.

SAC Office Use Only

AWQI Number

Part A – Operator of Facility Verification and Consent

Fixture Identification Number/Description*#27-1-Elmdale-Kitchen

Signature of Facility Operator *	Date (yyyy/mm/dd)

Part B - Laboratory Information

Laboratory Name *	Licence Number *
Eurofins Environment Testing Canada Inc.	2318

Unit/Suite Number	Street Number *	Street Name *
8	146	Colonnade Rd.

Rural Route	Lot/Part/Block/Section	Concession

City/Town/Municipality *	Province *	Postal Code *
Ottawa	Ontario	K2E 7Y1

Business Phone Number *	Laboratory Written Notification Prepared By *
613-727-5692	Kendra Buchan

Date of Exceedance O. Reg 243/07 Test Result Authorized (yyyy/mm/dd) *	Date of Exceedance Notifications Submitted (yyyy/mm/dd) *
2021/09/03	2021/09/03

Signed By	Signature
Kendra Buchan	Kendra B

Part C - Facility Information

Name of School/Private School/Child Care Centre *

R243 ASHBURY COLLEGE

Legal Name of School/Private School/Child Care Centre Operator (i.e. School Board) *

Ashbury College

Type *

☐ School ☑ Private School ☐ Child Care Centre

DWIS Number *	Ministry of Education SFIS Number/School Number	Child Care Centre Licence Number
500125932		

Unit/Suite Number	Street Number *	Street Name *
	362	Mariposa Ave

Rural Route	Lot/Part/Block/Section	Concession

City/Town/Municipality *	Province	Postal Code
Ottawa	ON	K1M 0T3

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Contact Information

Last Name	First Name	
Goodwin	Lee	
Position	**Telephone Number**	**Fax Number**
Facility Management	613-749-9630 ext. 230	

Email Address
lee.goodwin@ashbury.ca

Part D1 - Exceedance Notifications/Corrective Actions

Fixture Identification Number/Description #27-1-Elmdale-Kitchen

Please complete section D1 and submit with sections B, C, E and F within 24 hours to the agencies listed in Section E. Upon Issue Resolution please submit section D2 within seven days to the same authorities to whom you submitted the initial exceedance test results.

Name of School/Private School/Child Care Centre *	DWIS Number *
R243 ASHBURY COLLEGE	500125932

Are you co-located and by agreement you are the facility taking a single set of two one liter samples to meet the sampling requirements for all co-located facilities under this agreement? *

☐ Yes ☐ No

If you answered Yes above, list the Names and DWIS No. for the schools/private schools and child care centres you are sampling for and ensure that a copy of the test results is provided to those same facilities within 24 hours of receiving the test results from the laboratory.

Name of School/Private School/Child Care Centre *	**DWIS Number ***
1.	
2.	
3.	

For more than 4 co-located facilities, attach additional Section D-1's as required.

Co-located Facilities means, two or more O. Reg 243/07 facilities (school, private school, child care centre) that are served by the same plumbing system. The facilities may be either located in one building (Structure) or located in different buildings within one property.

Earliest year plumbing installed (yyyy)

Was facility open to children under the age of 18 years at the time of sampling? *

☐ Yes ☐ No

Is this a resample test result for the same location for which a lead exceedance was previously reported? *

☐ Yes ☐ No

Indicate where you have sent this completed form. Contact information follows in Section E *

☐ Ministry of the Environment Spills Action Centre ☐ Local Medical Officer of Health ☐ Ministry of Education

Corrective Actions Required by Health Unit

Corrective Actions	Required *	Comments
Continue Flushing (ensuring daily flushing of fixture for standing exceedances; and daily flushing of all fixtures for flushed exceedances)	☐ Yes ☐ No	
Tap rendered inaccessible to Children (Specific to flushed exceedances)	☐ Yes ☐ No	
Install Filter and collect samples	☐ Yes ☐ No	
Replace Fixture and collect samples	☐ Yes ☐ No	
Increase Flushing	☐ Yes ☐ No	
Resample	☐ Yes ☐ No	
Notified Parents	☐ Yes ☐ No	

Other Corrective Actions (If no actions required also indicate here)	

Sample Results are attached/enclosed *

☐ Yes ☐ No

Name of person completing this section *

Signature	Date Written Notification Submitted (yyyy/mm/dd) *

Part D2 - Notice of Issue Resolution

Fixture Identification Number/Description #27-1-Elmdale-Kitchen

This section is to be completed by the Operator of the School/Private School/Child Care Centre once all corrective actions required by your Medical Officer of Health have been completed. **You must then complete and submit the Notice of Issue Resolution within seven days to the same agencies notified of the initial lead exceedance test results.**

In the case of co-located facilities, those facilities that have reached an agreement to have one set of samples taken on their behalf, will need to have a representative for each facility sign in the co-location section at the bottom of this page to indicate that they have complied with all corrective actions that the public health unit has required.

Name of School/Private School/Child Care Centre	DWIS Number *
R243 ASHBURY COLLEGE	500125932

Contact Information

Last Name	First Name	Telephone Number ext.

Name of Local Public Health Unit

Date Initial Exceedance Submitted to the Ministry of the Environment - Spills Action Centre (yyyy/mm/dd)

Date Resolved (yyyy/mm/dd) *	Date Resolution Submitted (yyyy/mm/dd) *

Additional Comments

I have complied with all corrective actions, as indicated in Part D1, and as required by my Local Health Unit

Last Name *	First Name *

Signature	Date (yyyy/mm/dd)

Sample Results are attached/enclosed *

☐ Yes ☐ No

Co-location Signatures if applicable

1. Name of School/Private School/Child Care Centre | DWIS Number

Signed By

Last Name | First Name

Signature | Date (yyyy/mm/dd)

2. Name of School/Private School/Child Care Centre | DWIS Number

Signed By

Last Name	First Name
Signature	Date (yyyy/mm/dd)

3. Name of School/Private School/Child Care Centre | DWIS Number

Signed By

Last Name	First Name
Signature	Date (yyyy/mm/dd)

Part E - Exceedance Notifications

Fixture Identification Number/Description #27-1-Elmdale-Kitchen

Name of School/Private School/Child Care Centre *

R243 ASHBURY COLLEGE

Local Medical Officer of Health

Telephone Number * ext.	Fax Number	Email Address

Public Health Inspector Name

Telephone Number * ext.	Fax Number	Email Address

If you are e-mailing this section, please enter "R243 Exceedance and name of your School/Private School/Child Care Centre in Subject line.

Ministry of the Environment and Climate Change - Spills Action Centre
Telephone: 1-800-268-6060 (toll free) or 416-325-3000
Fax: 1-800-268-6062 (toll free) or 416-325-3011
Email: AWQI.Reporting@ontario.ca

Public schools submit exceedance results to **Ministry of Education.**
Fax: 416-325-4024
Public Schools contact: EDU_DrinkingWater@ontario.ca

Child Care Centres submit exceedance results to **Ministry of Education.**

Child Care Centres contact: childcare_ontario@ontario.ca

Part F - Drinking Water Exceedance Results

Name of School/Private School/Child Care Centre	DWIS Number
R243 ASHBURY COLLEGE	500125932

Local Medical Officer of Health/Public Health Inspector Name *
Ottawa Public Health Unit

Telephone Number	ext.	Fax Number	Email Address
613-580-6744			healthsante@ottawa.ca

For Lead Samples Only

Lab Sample ID	Fixture Identification Number/Description	Sample Collection Date (yyyy/mm/dd)	Sample Type	Parameter Name	Test Result (µg/L)	Ontario Drinking Water Quality Standard
1961176/1579269	#27-1-Elmdale-Kitchen	2021/08/29	Standing	Lead	269	10µg/L
1961176/1579270	#27-1-Elmdale-Kitchen	2021/08/29	Flushed	Lead	<1	10µg/L

Other Parameter Exceedances Under O. Regulation 243/07

Lab Sample ID	Fixture Identification Number/Description	Sample Collection Date (yyyy/mm/dd)	Sample Type	Parameter Name	Test Result	Ontario Drinking Water Quality Standard
	#27-1-Elmdale-Kitchen		Standing			
	#27-1-Elmdale-Kitchen		Flushed			

Comments

Ministry of the Environment

Safe Drinking Water Branch

Kingston District Office
1259 Gardiners Road, Unit 3
PO Box 22032
Kingston ON K7M 8S5

Ministère de l'Environnement

Direction du contrôle de la qualité de l'eau potable

Bureau du district de Kingston
1259, route Gardiners, unité 3
C. P. 22032
Kingston (Ontario) K7M 8S5

Ontario

July 3, 2012

Sent by Email: lgoodwin@ashbury.ca

Ashbury College
362 Mariposa Avenue
Ottawa, Ontario
K1M 0T3

Attention: Mr. Lee Goodwin, Facilities Management & Engineer

Dear Mr. Goodwin:

Re: Drinking Water Inspection Program – 2012/2013 Inspection Report
Ashbury College - Inspection Number 1-9ZD6N

The enclosed report documents findings of the Ontario Regulation 243/07 compliance assessment that was performed for Ashbury College operating from 362 Mariposa Avenue in Ottawa.

Ontario Regulation 243/07, made under the *Safe Drinking Water Act*, directs that plumbing be flushed and samples collected as measures to monitor and control the potential exposure of children to lead in drinking water.

During the course of our June 28, 2012 telephone conversation, you indicated that a *Notice of Reduced Lead Sampling Frequency* may already have been submitted to the ministry and that you would search Ashbury College records to confirm the submission. If a review of Ashbury College's records cannot confirm that a Notice has already been submitted to the ministry, the undersigned evaluator requests that the Notice be completed and submitted to the ministry in keeping with direction provided on the form. A blank *Notice of Reduced Lead Sampling Frequency* form is appended to this report. The blank form can also be secured free-of-charge from the ministry's Drinking Water Ontario website at http://www.ontario.ca/drinkingwater.

New to the inspection report layout this year is the inclusion of a *Stakeholder Support* appendix (Appendix "A"). This addition has been made to promote awareness of the Drinking Water Ontario website at www.ontario.ca/drinkingwater with particular reference to key outreach products that are downloadable free-of-charge. While the thirteen outreach products specifically cited in the appendix are those that are most frequently accessed by owners and operators of schools, private schools, and day nurseries, you will find many other useful support materials available through the website.

Thank you for the assistance afforded to me during the conduct of the compliance assessment. Should you have any questions regarding the content of the enclosed report, please do not hesitate to contact me.

Yours truly,

J Mahoney

James Mahoney
Supervisor
Kingston-Ottawa-Cornwall Offices
JDM

1907 (2008/01)

Enclosure

ec: Steven Mitchell, Ministry of Education, Capital Programs Branch, 21st Floor, Mowat Block, 900 Bay Street, Toronto, ON M7A 1L2, steven.mitchell@ontario.ca
- Sherry Beadle, Ottawa Public Health, Program Manager, Inspections, 100 Constellation Crescent, Ottawa, ON K2G 6J8, sherry.beadle@ottawa.ca
- Kathy Downey, Ottawa Public Health, Supervisor, Environment, Health Protection and Outbreak Management Branch, 150 Katimavik Road, Kanata, ON K2L 2N2, kathryn.downey@ottawa.ca

c: File SI-OT-OT-MA-540 (2012)

Ontario

Ministry of the Environment

R243 ASHBURY COLLEGE (886297)

Drinking Water Inspection Report

DW Facility Number:	500125932
Inspection Number:	1-9ZD6N
Date of Inspection:	Jun 28, 2012
Inspected By:	MOE KINGSTON DISTRICT

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APPENDIX B – NOTICE OF REDUCED LEAD SAMPLING FREQUENCY

OWNER INFORMATION:

Company Name:	ASHBURY COLLEGE		
Street Number:	362	**Unit Identifier:**	
Street Name:	MARIPOSA Ave		
City:	OTTAWA		
Province:	ON	**Postal Code:**	K1M 0T3

INSPECTION DETAILS:

DW Name:	R243 ASHBURY COLLEGE (886297)
DW Address:	362 MARIPOSA AVE
County/District:	Ottawa
District/Area Office:	Ottawa District
DW Facility Number:	500125932
Inspection Type:	Announced
Inspection Number:	1-9ZD6N
Date of Inspection:	Jun 28, 2012
Date of Previous Inspection:	

DRINKING WATER COMPONENTS DESCRIPTION

Site (Name): Ashbury College
Type: Other **Sub Type:**
Comments:

Ashbury College is a private school regulated under Ontario Regulation 243/07 (Schools, Private Schools and Day Nurseries) made under the Safe Drinking Water Act, 2002 (SDWA).

The school occupies numerous buildings on a property in Rockliffe Park, Ontario, and is served by municipal drinking water. The main campus building was originally constructed in 1910, with many additions and renovations since then. The girls' residence was built in 1999, and has an independent connection to the water main.

Site (Name): Ashbury College
Type: Other **Sub Type:** Other
Comments:

The private school's website (http://www.ashbury.ca) records that the college, established in 1891, has a current enrollment of approximately 170 students in the "junior school" (grades 4 through 8) and 515 students in the "senior school" (grades 9 through 12).

A number of the students (boys and girls) are boarded on-site. The 12 acre campus located within Ottawa's prestigious Rockcliffe Park district features facilities including Maclaren Hall (seating 500), a theatre (seating 200), a gymnasium, two residences, and a chapel. Summer programs are offered and several of the college's facilities are available for leasing.

Information supplied to the ministry on June 14, 2012 by Mr. Lee Goodwin, Facilities Management & Engineer, cites the various campus buildings as ranging in construction from 1910 to 2010 with numerous and on-going plumbing upgrades as having been undertaken in recent years.

Ashbury College is connected to the City of Ottawa's central drinking water distribution system into which treated water is supplied by the Britannia and Lemieux Island Water Treatment Plants. Both water treatment plants utilize the Ottawa River as their raw water source.

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. This facility is subject to the legislative requirements of the Safe Drinking Water Act, 2002 (SDWA) and regulations made therein. This inspection has been conducted pursuant to Section 81 of the SDWA.**

Ontario Regulation 243/07, made under the Safe Drinking Water Act, directs regular flushing of plumbing and the collection of samples as means of reducing children's exposure to lead in drinking water. Flushing has been demonstrated to reduce lead levels in water taps and fountains while regular testing measures the potential presence of lead in drinking water against the Ontario Drinking Water Quality Standard for lead of 10 micrograms per litre (ug/L), equivalent to 0.010 milligrams per litre (mg/L).

This compliance assessment is based on information amassed from sources including: information supplied on June 14 and 26, 2012 by Ashbury College employee Mr. Lee Goodwin; a telephone-based dialogue with Mr. Goodwin undertaken on June 28, 2012; and data drawn from various ministry databases.

Prior to this 2012 assessment, a compliance review was undertaken by Ministry of the Environment Inspector Taran Beaty on September 18, 2008.

The 2012 compliance assessment was performed by undersigned Safe Drinking Water Branch Supervisor James Mahoney.

DISTRIBUTION SYSTEM

* **When necessary, the operator notified the Ministry of changes that were made to the facility's profile and/or laboratory information provided in the Laboratory Services Notification Form (LSN) form.**

* **This facility is not co-located with any other school, private school, or day nursery on the property.**

* **This facility is eligible to flush the plumbing on a weekly basis.**

By virtue of the collection of annual samples in 2009 and 2010 in which all sample results were below the Ontario Drinking Water Quality Standard for lead of 10 ug/L, Ashbury College qualifies for a weekly plumbing flushing regimen.

While the ministry's Drinking Water Information System (DWIS) contains data documenting the college's collection of three standing and three flushed samples on October 26, 2010, it did not contain a record of the August 10, 2009 sample collections provided to the undersigned evaluator on June 14, 2012 by Ashbury College employee Mr. Lee Goodwin. The Certificate of Analysis from Exova Accutest Laboratories documents the collection of two standing and two flushed samples.

The highest test result for the five sets of standing and flushed samples gathered between 2009 and 2010 was 2 ug/L (0.002 mg/L) registered for a flushed sample collected from the kitchen on August 10, 2009. All sample results are well below the aforementioned Ontario Drinking Water Quality Standard for lead.

DISTRIBUTION SYSTEM

* **The operator has ensured that plumbing is flushed at the start of each week at the required time.**

In addition to the aforementioned 2009 and 2010 laboratory test result Certificates of Analysis the June 14, 2012 information supplied by Lee Goodwin, Facilities Management and Engineer, included weekly flushing logs for the period spanning from April 16, 2012 through June 11, 2012.

The logs reveal that flushing was consistently initiated on the first day of the school week (typically Mondays). The logs cite 32 locations where flushing is performed; six of the locations are subjected to a flush of at least 5 minutes with the remaining 26 locations receiving a 10 second flush. The five minute flushes are consistently recorded as being completed by 7:20 am.

During the course of the June 28, 2012 telephone dialogue it was indicated by Mr. Goodwin that the 6 locations cited as being flushed for at least 5 minutes each week represent the ends of plumbing branches: Male Boarding Flats 2nd Floor Sink, Male Boarding Flats 3rd Floor Sink, Female Boarding Flats 1st Floor End of Line, Female Boarding Flats 2nd Floor End of Line, Kitchen End of Line, and Junior School End of Line.

* **The procedure for flushing has been done in accordance with the requirements of section 3(3) of O. Reg. 243/07.**

* **Records of manual or automatic flushing have been maintained in accordance with sections 3(4) or 3(5) of O. Reg. 243/07.**

Subsection 3(4) of O. Reg. 243/07 directs that "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."

The flushing logs supplied by Lee Goodwin duly record the date and time of every flushing activity. The logs consistently identify Lee Goodwin as performing the 5 minute flushes and his assistant Doug Parsons as undertaking the 10 second flushes.

CONSUMER RELATIONS

* **The operator of the facility ensured 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.**

A binder retained within the Operations Office contains flushing logs, completed sample collection Chain of Custody forms, Certificates of Analysis provided by Exova Laboratories, and a copy of O. Reg. 243/07.

Records more than four years old are removed from the binder and placed in archive at a separate campus location for another two years. The archived records are said to be rapidly retrievable upon request.

WATER QUALITY MONITORING

* **The frequency of lead sampling and testing was completed in accordance with O. Reg. 243/07 5.1 & 5(2.1).**

Subsection 5(2.1) of the Regulation provides that: Despite paragraph 1 of subsection (2) and subject to subsection (2.2), samples may be taken only once in every third calendar year, during the period beginning on May 1 and ending on October 31 if,

(a) for a period of at least 24 consecutive months, test results in respect of the plumbing in the buildings that house the school, private school or day nursery have been obtained, and none of the test results from the most recent 24 consecutive months has exceeded the standard prescribed for lead;

(b) every tap in the school, private school or day nursery that is used in the preparation of food or drink for consumption by children under 18 years of age has been sampled at least once;

WATER QUALITY MONITORING

(c) at least one tap from every washroom or change room where children under 18 years of age are allowed to fill drinking water bottles or containers has been sampled at least once; and

(d) a notice has been submitted to the Director stating that the conditions described in clauses (a), (b) and (c) have been met. O. Reg. 417/09, s. 5 (13).

As has already been established, annual sampling performed in 2009 and 2010 consistently yielded sample results well below the Ontario Drinking Water Quality Standard for lead.

As such, Ashbury College is eligible to collect a lead sample every third year as opposed to collecting the sample annually. The eligibility must be attested to in a "Notice of Reduced Lead Sampling Frequency" submitted to the ministry prior to adopting the reduced lead sampling frequency.

During the course of the June 28, 2012 telephone dialogue, Mr. Lee Goodwin indicated that the Notice was indeed submitted to the ministry and that the ministry provided Ashbury College with verification of the Notice's receipt. Mr. Goodwin will check his files to confirm the Notice's submission.

While a review of ministry records by the undersigned evaluator failed to locate a copy of the Notice of Reduced Lead Sampling Frequency it is conceivable that the Notice was indeed submitted by the college and has yet to be fully processed.

A blank Notice of Reduced Lead Sampling Frequency form is appended to this report. If it cannot be confirmed through a search of Ashbury College's records that a Notice has already been submitted to the ministry, the undersigned evaluator requests that the Notice be completed and submitted to the ministry in keeping with direction provided on the form.

The blank form can also be secured free-of-charge from the ministry's Drinking Water Ontario website at http://www.ontario.ca/drinkingwater.

A set of four standing and flushed lead samples were collected from Ashbury College on June 4, 2012. The undersigned evaluator has been supplied with a copy of the Chain of Custody and Certificate of Analysis for the 2012 samples. All eight samples yielded test results of < 1 ug/L (<0.001 mg/L); again well below the Ontario Drinking Water Quality Standard of 10 ug/L.

* **The annual lead sampling and testing was performed in accordance with the procedure outlined in section 5(2) paragraphs 2.1 to 5.2 of O. Reg. 243/07.**

The Chain of Custody for the 2012 samples reveals that 37 minutes passed between the collection of the standing and the flushed samples at the kitchen, junior end-of-line, and boys sample locations while a total of 38 minutes lapsed between consecutive sample collections at the girls sample location.

Subsection 5(2)8 of O. Reg. 243/07, in part, stipulates that: Before taking the second (i.e. flushed) 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.

If one includes the 5 minute flush, the second (flushed) sample should therefore be collected between 35 and 40 minutes after the collection of the first (i.e. standing) sample. The 2012 elapsed sample collection times are therefore in keeping with the Regulatory requirement.

* **Sampling records have been made of the date, time, standing period estimate, location, and the name of the person who took each sample.**

* **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.**

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.

Not Applicable

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.

Not Applicable

SIGNATURES

Inspected By:	Signature: (Provincial Officer):
MOE KINGSTON DISTRICT	J Mahoney

Reviewed & Approved By:	Signature: (Supervisor):
James Mahoney	J Mahoney

Review & Approval Date: 03/07/2012 (dd/mm/yyyy)

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.

APPENDIX A

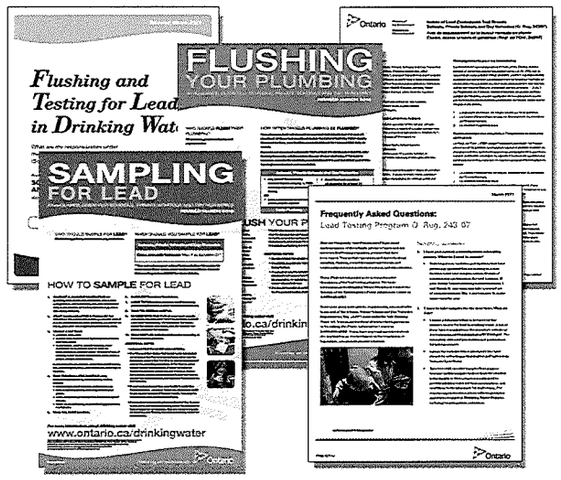
STAKEHOLDER SUPPORT

Key Reference and Guidance Material for Schools, Private Schools and Day Nurseries

Many useful materials are posted on the Ministry of the Environment's Drinking Water Ontario website at www.ontario.ca/drinkingwater to help you meet your responsibilities related to lead and drinking water.

Below is a list of key materials frequently used by operators of schools, private schools and day nurseries. To read or download these materials, go to Drinking Water Ontario and search in the **Resources** section by **Publication Number** or **Key Word**.

Visit Drinking Water Ontario for more useful materials. Contact the Public Information Centre if you need assistance or have questions at 1-800-565-4923/416-325-4000 or picemail.moe@ontario.ca.



PUBLICATION NUMBER	PUBLICATION TITLE
6530b01	Flushing and Testing for Lead in Drinking Water (March 2010)
6338b02	Flushing Your Plumbing: At-A-Glance guide for schools, private schools and day nurseries (March 2010)
6339b01	Sampling for Lead: At-A-Glance guide for schools, private schools and day nurseries (March 2010)
7101e	A Manual for Operators of Schools, Private Schools and Day Nurseries with Excess Lead in their Drinking Water (August 2009)
8211e	Frequently Asked Questions: Lead Testing Program O. Reg. 243/07
7350e	Notice of Reduced Lead Sampling Form (February 2011)
6272b	Notice of Lead Exceedance Test Results Form – Schools, Private Schools and Day Nurseries (February 2010)
6271e01	Registration and Laboratory Services Notification Form
	Laboratories Licensed To Test For Lead
	Flushing Record Template (December 2009)
	Sampling Record Template (December 2009)
	Video – Flushing Plumbing in Schools, Private Schools and Day Nurseries (February 2010)
	Video – Sampling for Lead in Schools, Private Schools and Day Nurseries (February 2010)

Ontario

PIBS 8991b

APPENDIX B

NOTICE OF REDUCED LEAD SAMPLING FORM

Ontario Ministry of the Environment

Notice of Reduced Lead Sampling

Schools, Private Schools and Day Nurseries
(O. Reg. 243/07 under Section 5 (2.1))

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

This form can also be found at:
www.ontario.ca/drinkingwater

Use this form to notify the ministry of reduced lead sampling under Section 5 (2.1) of O.Reg. 243/07.
If you require assistance in completing the form, please call 1 866 793-2588 (toll free).

Once this form is submitted, the ministry will only contact you about this notice if there are any questions or concerns with the information provided below.

Part A: Form Submission Information as per O.Reg. 243/07 under Section 5 (2.1) (please check)

☐ **This is my submission for O.Reg. 243/07 Notice of Reduced Lead Sampling to the Ministry. I confirm that for the facility listed below:**

a) Samples have been taken and tested for lead in accordance with the regulation and for at least 24 consecutive months;
b) None of the test results from the most recent 24 consecutive months have exceeded the Ontario Drinking Water Quality Standard for lead of 0.010 mg/L;
c) Every tap in the school, private school or day nursery that is used in the preparation of food or drink for consumption by children under 18 years of age has been sampled at least once;
d) At least one tap from every washroom or change room where children under 18 years of age are allowed to fill drinking water bottles or containers has been sampled at least once.

Part B: Schools, Private Schools and Day Nurseries Information

Drinking Water Information System (DWIS) No. *Ministry assigned 9 digits number starting with "5".*	**Drinking Water System (DWS) No. – if applicable** *Ministry assigned 9 digits number starting with "2". (Only for facility with its own source of drinking water.)*

Name of School/Private School/Day Nursery

Name of Interested Authority *(e.g., Ministry of Education or Ministry of Children and Youth Services)*

Ministry of Education SFIS No.	Children and Youth Services Identification No.

Location of School/Private School/Day Nursery

Unit/Suite No.	Street No.	Street Name	Rural Route	Lot/Part/Block/Section

Concession/Plan	City/Town/Municipality	Province	Postal Code

Business Telephone No. *(including area code)*	Ext.	Fax No. (including area code)

I declare that all information provided on this form is true and correct to the best of my knowledge.

Prepared by *(print name)*	Telephone No. *(including area code)*	Ext.

Signature	Date *(yyyy/mm/dd)*

Collection of information on this form is collected by the Drinking Water Management Division on behalf of the Ministry of the Environment in accordance with the *Safe Drinking Water Act, 2002* (SDWA) and its regulations. The collection, use and dissemination of this information are governed by the *Freedom of Information and Protection of Privacy Act* (FOIPPA). The information gathered herein will be used for the purpose of notice of reduced lead sampling frequency, and may be used for secondary purposes including reporting, investigating and law enforcement under the SDWA and its regulations. Information contained on this form, including personal information, may be disclosed to other government agencies including municipalities, public health unit employees, the Ministry of Health and Long Term Care, the Ministry of Education and the Ministry of Community and Social Services pursuant to section 42 of FOIPPA for the consistent purpose of administering programs related to drinking water safety.

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Ontario

Ministry of the Environment and Climate Change

Drinking Water Information - O. Reg. 243/07

Schools, Private Schools and Child Care Centres

Fields marked with an asterisk (*) are mandatory.

Definitions

Drinking Water Fixture - means every drinking water fountain and every tap in a facility that is used to provide water for consumption or for the preparation of food or drink for children under 18 years of age.

Facility - a school, private school or child care centre

Instructions

Use this form to register a new facility, or update an existing registration; to revoke a facility's registration; or to provide notice of reduced lead sampling.

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 and Climate Change's website at www.ontario.ca/drinkingwater.

Please complete this form and fax/email directly to:

Ministry of the Environment and Climate Change
Drinking Water Programs Branch
Email: waterforms@ontario.ca
Fax: 416-314-8716

Application Declaration

By completing this section, I hereby declare that all information provided is true and correct and that I understand it is an offence under the *Safe Drinking Water Act,* 2002 to provide false information.

Authorized Representative

Last Name *	First Name *
Goodwin	Lee

Position Title
Facility Management

Organization Name
Ashbury Collge

Telephone Number *	Email Address
613-749-5954 ext.	lee.goodwin@ashbury.ca

Application Type

- [x] New Registration/Profile Update/Lab Update
- [ ] Request to End Registration
- [ ] Notice of Reduced Lead Sampling

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Registration

000206

Part A - Facility Type, Location and Contact Information

DWIS Number:
(Ministry assigned 9-digit number starting with '5'.)
500125932

Facility Name *
Ashbury College

Facility Type *

☐ School

☑ Private School ☐ Any Student in primary division? **"primary division"** means **junior kindergarten, kindergarten** and the **first three years** immediately following kindergarten (grades 1-3).

☐ Child Care Centre

Facility Address

Unit Number	Street Number *	Street Name *	PO Box
	362	Mariposa Avenue	

City/Town *	Province	Postal Code *
Ottawa	Ontario	K1M 0T3

Facility Contact Information

Last Name *	First Name *
Goodwin	Lee

Position Title	Telephone Number *
Facility Management	613-749-9630 ext. 230

Fax Number	Email Address
613-749-9724	lee.goodwin@ashbury.ca

Additional Information

Part B - Owner Information

Legal Name of Owner (i.e. school board/private school or individual or corporation who holds the license for the child care centre)
Ashbury College Inc.

Is the Owner Mailing Address and Contact Information the same as Part A? * ☑ Yes ☐ No

Part C - Fixture Inventory

Multi-purpose fixtures must have each outlet counted separately (E.g. a bottle filling station with a fountain would be counted as 2). The count must be accurate because it will be used to determine the number of samples expected of your facility.

Number of drinking water fountains * 12

Number of drinking water and food preparation taps * 4

Every drinking water fixture has been sampled at least once. ☑ Yes ☐ No

☐ There are no drinking water fountains, drinking water taps or food preparation taps in our facility.

Part D - Identification of Licensed Laboratory and Lead Testing

Subsection 5 (5) of O.Reg 243/07 requires the identification of any licensed laboratory(s) retained to perform lead testing. The listing of licensed laboratories can be found on: https://www.ontario.ca/document/laboratories-licensed-test-lead.

Our facility will be sampling using the licensed laboratory identified below.

Name/Contact Information of Licensed Laboratory Performing Lead Testing
(Your licensed laboratory can assist with completing this section of the form)

Laboratory Name	License Number
Eurofins Environment Testing Canada Inc.	2318
City/Town	**Province**
Ottawa	Ontario

Part E - Co-location Information (if applicable)

Facilities are "co-located" if more than one school, private school, or child care centre is served by the same plumbing. The facilities may be either located in one building (structure) or located in different buildings within one property. Co-located facilities may share sampling results only after each facility has completed the lead sampling for all drinking water taps and fountains within their own facility.

Is your school/child care centre co-located with another school or child care centre? ☐ Yes ☑ No

Our School/Private School/Child Care centre is co-located with another O.Reg. 243/07 facility, as listed below:

Facility Name	DWIS Number: (Ministry assigned 9-digit number starting with '5'.)

Select if applicable: ☐ Yes, we are sharing lead sample results

Disclaimer

Information on this form is collected by the Drinking Water and Environmental Compliance Division on behalf of the Ministry of the Environment and Climate Change in accordance with the *Safe Drinking Water Act* (SDWA, 2002) and its regulations. The collection, use and dissemination of this information are governed by the *Freedom of Information and Protection of Privacy Act* (FIPPA). The information gathered herein may be used for secondary purposed including reporting, investigating and law enforcement under the SDWA and its regulations. Information contained on this form, including personal information, may be disclosed to other government agencies including municipalities, public health unit employees, the Ministry of Health and Long Term Care, the Ministry of Education and the pursuant to Part D2 of the FIPPA for the consistent purpose of administering programs related to drinking water safety.

Ontario

Ministry of the Environment

R243 ASHBURY COLLEGE (886297)

Drinking Water Inspection Report

DW Facility Number:	500125932
Inspection Number:	1-6MTQL
Date of Inspection:	Sep 18, 2008
Inspected By:	Taran Beaty

OWNER INFORMATION:

Company Name:	ASHBURY COLLEGE		
Street Number:	362	**Unit Identifier:**	
Street Name:	MARIPOSA Ave		
City:	ROCKCLIFFE PARK		
Province:	ON	**Postal Code:**	K1M 0T3

CONTACT INFORMATION

Type:	Main Contact	**Name:**	Lee Goodwin
Phone:	(613) 749-9630 x230	**Fax:**	
Email:	lgoodwin@ashbury.ca		
Title:	Facilities Manager		

INSPECTION DETAILS:

DW Name:	R243 ASHBURY COLLEGE (886297)
DW Address:	362 MARIPOSA AVE
County/District:	Ottawa
District/Area Office:	Ottawa District
DW Facility Number:	500125932
Inspection Type:	Announced
Inspection Number:	1-6MTQL
Date of Inspection:	Sep 18, 2008
Date of Previous Inspection:	

DRINKING WATER COMPONENTS DESCRIPTION

Site (Name): Ashbury College
Type: Other **Sub Type:**
Comments:

Ashbury College is a private school regulated under Ontario Regulation 243/07 (Schools, Private Schools and Day Nurseries) made under the Safe Drinking Water Act, 2002 (SDWA).

The school occupies numerous buildings on a property in Rockliffe Park, Ontario, and is served by municipal drinking water. The main campus building was originally constructed in 1910, with many additions and renovations since then. The girls' residence was built in 1999, and has an independent connection to the water main.

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.**

DISTRIBUTION SYSTEM

* **All or part of the plumbing that serves the building that houses the facility was installed before January 1, 1990.**

  At the time of the inspection, the Facilities Manager for Ashbury College, Mr. Lee Goodwin, explained that Ashbury College contains various buildings housing staff, students, and classrooms. Of these, only two are currently used by students. The main campus building, over 300,000 square feet and containing most of the classrooms and the boys' residence, was extensively renovated in 2004 and received a new connection to the water main at that time, but still contains some plumbing from before 1990. The girl's residence was newly constructed, including the service line to the water main, in 1999. A new boy's residence, currenty being constructed, is expected to be completed in 2009.

* **Flushing of the plumbing was conducted for all or part of the inspection period.**

  Prior to the inspection, on June 27 and September 17, 2008, Mr. Goodwin faxed copies of flushing records to the ministry, which indicate that the plumbing in the main campus is being flushed daily.

* **The plumbing was flushed at the start of each day at the required time.**

  At the time of the inspection, Mr. Goodwin indicated that daily flushing is performed around 5:35 AM by him and his assistant, Mr. Doug Parsons, to ensure that it is completed before 6:00 AM, because the boys' residence is located within the main campus building.

* **Daily flushing of the plumbing was not conducted in accordance with the procedure outlined in section 4(3) of O.Reg. 243/07.**

  Mr. Goodwin indicated that he flushes a tap at either end of the facility for 6 to 7 minutes each morning. After this, Mr. Parsons flushes seven fountains, which are listed by location in the flushing records, for 10 to 20 seconds.

  However, at the time of the inspection, cold-water taps in washrooms in the main campus (which includes the boys' residence) were not being flushed in the morning. Mr. Goodwin indicated that he will add these taps to the morning flushing procedure.

  It is not practicable to flush taps in the girls' residence prior to 6:00 AM, because these taps are located within the girls' private residential area. Because this building's plumbing was installed in 2005, the ministry recommends that these taps be flushed at least weekly, following the procedure in section 3(3) of O. Reg. 243/07, at a time when they can be reached without disturbing the boarding students.

* **Records of the date, time and name of the person who performed and/or verified the daily flushing were not complete.**

  The flushing records sent to the ministry consist of daily checkmarks indicating the seven fountain locations, but there is no record of the full name of the person flushing, or the time when the flushing was performed, as required by section 4(4) of O. Reg. 243/07. There are no records of the end-of-branch flushes performed by Mr. Goodwin each morning.

  The ministry recommended that a new flushing record form be created, which contains a description the daily flushing procedure, and records the time the procedure starts and ends on each day.

WATER QUALITY MONITORING

* **Annual lead samples were taken at this facility.**

Prior to the inspection, on September 18, 2008, Mr. Goodwin e-mailed to the ministry a report from Paracel Laboratories, Ltd., Ottawa, ON, which is licensed by the Ministry of the Environment to test drinking water samples for lead. The report contains results of lead tests performed on samples which were taken on August 14, 2008, from two locations in Ashbury College. Lead concentrations in all the samples were found to be below the Ontario Drinking Water Quality Standard for lead of 10 µg / Litre.

At the time of the inspection, Mr. Goodwin indicated that samples were also taken on October 5, 2007 within the girls' residence, and tested for lead.

* **Annual lead sampling at this facility was conducted in accordance with section 5(2) of O.Reg. 243/07.**

Mr. Goodwin indicated that he followed guidance materials sent by the ministry to Ashbury College, when taking the samples. Four samples were taken on August 14, 2008: a "standing" and a "flushed" sample from both the kitchen prep sink and an end-of-line tap in the Junior School. Mr. Goodwin explained that Paracel Laboratories provided him with 12 x 500 ml bottles, and that he took each sample by filling three of the bottles consecutively, which is acceptable under section 5(2) of O. Reg. 243/07.

Mr. Goodwin indicated that the school was operating summer programs until the end of July, 2008, and that he chose to take samples on August 14, 2008, to ensure that the water in the plumbing had been standing unused for as long as possible.

* **Sampling records were not made of the date, time, standing period estimate, location, and the name of the person who took each sample.**

Mr. Goodwin sent to the ministry a copy of the Chain of Custody form which he submitted to Paracel Laboratory along with the sample. This form contains the date, time and location of each sample, however there is no record made of the name of the person who took the samples, nor of how long the water was standing unused in the plumbing prior to taking the first sample.

The ministry recommends recording this information in a blank form created by the ministry, and available on the ministry's website at www.ontario.ca/drinkingwater.

* **Samples collected from this facility were handled in accordance with laboratory instructions.**

At the time of the inspection, Mr. Goodwin indicated that Paracel Laboratories provided a cooler for returning the samples, which he used, and a detailed sheet of instructions for taking samples, which he followed. Furthermore, he is familiar with the laboratories instructions on handling and shipping samples, because the laboratory performs soil and water testing related to the ongoing construction projects at Ashbury College.

* **The operator did not ensure that a Laboratory Services Notification that identified the laboratory which conducted the testing for lead was submitted to the Ministry.**

Mr. Goodwin did send a Laboratory Services Notification (LSN) form to the ministry on August 11, 2008, prior to taking the samples for 2008. However, the form he submitted was designed for systems regulated by O. Reg. 170/03 (Drinking Water Systems). The ministry instructed Mr. Goodwin to submit an LSN form designed for Schools, Private Schools, and Day Nurseries, which are regulated by O. Reg. 243/07, and sent a link to the form on the ministry's website.

* **Required documents were available without charge during normal business hours at the facility.**

Mr. Goodwin indicated that all documents are kept at the facility and available to the public during normal business hours.

WATER QUALITY MONITORING

* **The operator indicated that records of flushing and testing will be kept for at least six (6) 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. **Daily flushing of the plumbing was not conducted in accordance with the procedure outlined in section 4(3) of O.Reg. 243/07.**

   Cold-water taps in washrooms in the main campus were not being flushed in the morning.

   Action(s) Required:
   Effective immediately, Ashbury College shall ensure all cold-water taps in commonly used washrooms are flushed daily, following the procedure described in section 4(3) of O. Reg. 243/07.

2. **Records of the date, time and name of the person who performed and/or verified the daily flushing were not complete.**

   There is no record of the full name of the person flushing, or the time when the flushing was performed, as required by section 4(4) of O. Reg. 243/07. There are no records of the end-of-branch flushes performed by Mr. Goodwin each morning.

   Action(s) Required:
   Effective immediately, Ashbury College shall maintain records of the date and time of every flushing required by the regulation, and the name of the person who performed the flushing, as required by section 4(4) of O. Reg. 243/07.

   Within five (5) days of receiving this report, Ashbury College shall send copies of recent flushing records, which demonstrate flushing in accordance with O. Reg. 243/07, to: Taran Beaty, Inspector, Ministry of the Environment, Safe Drinking Water Branch, 2 St. Clair Ave. W - 19th Floor, Toronto, ON M4V 1L5; fax: 416-212-7576; taran.beaty@ontario.ca.

3. **Sampling records were not made of the date, time, standing period estimate, location, and the name of the person who took each sample.**

   There is no record made of the name of the person who took the samples, or of how long the water was standing unused in the plumbing prior to taking the first sample.

   Section 5(2) par. 12 of O. Reg. 243/07 requires that a record is made of: the date and time when, and the location where, the samples were taken; the name of the person who took the samples; and an estimate of the standing period before the first sample was taken.

   Action(s) Required:
   Effectively immediately, Ashbury College maintain records of samples, in accordance with section 5(2) par 12 of O. Reg. 243/07.

   Within five (5) days of receiving this report, Ashbury College shall send copies of sampling records to: Taran Beaty, Inspector, Ministry of the Environment, Safe Drinking Water Branch, 2 St. Clair Ave. W - 19th Floor, Toronto, ON M4V 1L5; fax: 416-212-7576; taran.beaty@ontario.ca.

4. **The operator did not ensure that a Laboratory Services Notification that identified the laboratory which conducted the testing for lead was submitted to the Ministry.**

   The appropriate LSN was not submitted prior to samples being tested, contrary to section 5(5) of O. Reg. 243/07.

   Action(s) Required:
   No further action is required. On September 30th, 2008, Mr. Goodwin e-mailed to the ministry a copy of the LSN form for O. Reg. 243/07, and indicated that he had sent it to the ministry's Drinking Water Programs Branch on September 22, 2008. The form indicated that Ashbury College will use Paracel Laboratories, Ottawa, ON, which is licensed by the ministry to test drinking water samples for lead.

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 facilities continuously improve their processes.

Not Applicable

SIGNATURES

Inspected By:

Taran Beaty

Signature: (Provincial Officer):

Reviewed & Approved By:

Natalie Boyd

Signature: (Supervisor):

Review & Approval Date:

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.

Ontario

Ministry of the Environment, Conservation and Parks

R243 ASHBURY COLLEGE (886297)

Inspection Report

Site Number:	500125932
Inspection Number:	1-PBAYI
Date of Inspection:	Jan 21, 2021
Inspected By:	Francis Chow

OWNER INFORMATION:

Company Name:	ASHBURY COLLEGE		
Street Number:	362	**Unit Identifier:**	
Street Name:	MARIPOSA AVE		
City:	OTTAWA		
Province:	ON	**Postal Code:**	K1M 0T3

CONTACT INFORMATION

Type:	Main Contact	**Name:**	Lee Goodwin
Phone:	(613) 749-9630 x230	**Fax:**	
Email:	lee.goodwin@ashbury.ca		
Title:	Facilities Manager		

INSPECTION DETAILS:

Site Name:	R243 ASHBURY COLLEGE (886297)
Site Address:	362 MARIPOSA Avenue OTTAWA ON K1M 0T3
County/District:	OTTAWA
MECP District/Area Office:	Ottawa District
Health Unit:	CITY OF OTTAWA HEALTH DEPARTMENT
Conservation Authority:	
MNR Office:	
Site Number:	500125932
Inspection Type:	Special Announced
Inspection Number:	1-PBAYI
Date of Inspection:	Jan 21, 2021
Date of Previous Inspection:	

COMPONENTS DESCRIPTION

Site (Name): Ashbury College
Type: Other **Sub Type:**
Comments:
Ashbury College is a private school regulated under Ontario Regulation 243/07 (Schools, Private Schools and Day Nurseries) made under the Safe Drinking Water Act, 2002 (SDWA).
The school occupies numerous buildings on a property in Rockliffe Park, Ontario, and is served by municipal drinking water. The main campus building was originally constructed in 1910, with many additions and renovations since then. The girls' residence was built in 1999, and has an independent connection to the water main.

Site (Name): Ashbury College
Type: Other **Sub Type:** Other
Comments:
The private school's website (http://www.ashbury.ca) records that the college, established in 1891, has a current enrollment of approximately 170 students in the "junior school" (grades 4 through 8) and 515 students in the "senior school" (grades 9 through 12).

A number of the students (boys and girls) are boarded on-site. The 12 acre campus located within Ottawa's prestigious Rockcliffe Park district features facilities including Maclaren Hall (seating 500), a theatre (seating 200), a gymnasium, two residences, and a chapel. Summer programs are offered and several of the college's facilities are available for leasing.
Information supplied to the ministry on June 14, 2012 by Mr. Lee Goodwin, Facilities Management & Engineer, cites the various campus buildings as ranging in construction from 1910 to 2010 with numerous and on-going plumbing upgrades as having been undertaken in recent years.
Ashbury College is connected to the City of Ottawa's central drinking water distribution system into which treated water is supplied by the Britannia and Lemieux Island Water Treatment Plants. Both water treatment plants utilize the Ottawa River as their raw water source.

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 child care centres in Ontario. This facility is subject to the legislative requirements of the Safe Drinking Water Act, 2002 (SDWA) and regulations made therein. This inspection has been conducted pursuant to Section 81 of the SDWA.**

  Officer F. Chow conducted a telephone inspection with Lee Goodwin of Ashbury College on January 21, 2021.

Distribution System

- **The operator is not conducting flushing in accordance with Section 3, 4 or 4.1 of O.Reg 243/07.**

  At the time of the inspection, Ashbury College (the school) was conducting flushing on the drinking water fixtures but the flushing records did not meet the requirements of the regulation. Officer Chow provided the flushing poster and the flushing template to the school for reference by email.
  February 4, 2021, the school has submitted a revised flushing records to the Officer for review by email. The revised record contains the name of the person flushing, the date, the time, fixture number and the location of every flushing required. The school is asked to keep the flushing records on site for 6 years. No further action is required.

- **The operator is not conducting sampling in accordance with Section 5 of O.Reg 243/07.**

  At the time of the inspection, Ashbury College (the school) was conducting sampling on most of drinking water fixtures and the sampling records did not meet the requirements of the regulation. Two drinking water taps (C-013 vegetable and C-013 Deli) were not sampled before January 1, 2020. Officer Chow provided the sampling poster and sampling template to the school for reference by email.
  February 2, 2021, the school has submitted the sample results to the Officer for review by email and the results indicated the lead concentration was below the limit. The school has started using the revised sampling template to keep sampling records. The school is asked to resume normal sampling between May 1-October 31 of the calendar year (start with the fountains suggested) and keep the complete sampling records on site for 6 years. No further action is required.

- **The operator has ensured that the information required by Section 8 of O.Reg 243/07 is available for inspection for 2 years.**

  At the time of the inspection, the school has kept the required records for 2 years.

- **The operator does not have policies or procedures to notify parents or the public.**

  At the time of the inspection, the school did not have any policy or procedure that would notify parents/public of sampling or exceedances.

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 is not conducting flushing in accordance with Section 3, 4 or 4.1 of O.Reg 243/07.**

   At the time of the inspection, Ashbury College (the school) was conducting flushing on the drinking water fixtures but the flushing records did not meet the requirements of the regulation. Officer Chow provided the flushing poster and the flushing template to the school for reference by email.
   February 4, 2021, the school has submitted a revised flushing records to the Officer for review by email. The revised record contains the name of the person flushing, the date, the time, fixture number and the location of every flushing required. The school is asked to keep the flushing records on site for 6 years. No further action is required.

   Action(s) Required:

   February 4, 2021, the school has submitted a revised flushing records to the Officer for review by email. The revised record contains the name of the person flushing, the date, the time, fixture number and the location of every flushing required. The school is asked to keep the flushing records on site for 6 years. No further action is required.

2. **The operator is not conducting sampling in accordance with Section 5 of O.Reg 243/07.**

   At the time of the inspection, Ashbury College (the school) was conducting sampling on most of drinking water fixtures and the sampling records did not meet the requirements of the regulation. Two drinking water taps (C-013 vegetable and C-013 Deli) were not sampled before January 1, 2020. Officer Chow provided the sampling poster and sampling template to the school for reference by email.
   February 2, 2021, the school has submitted the sample results to the Officer for review by email and the results indicated the lead concentration was below the limit. The school has started using the revised sampling template to keep sampling records. The school is asked to resume normal sampling between May 1-October 31 of the calendar year (start with the fountains suggested) and keep the complete sampling records on site for 6 years. No further action is required.

   Action(s) Required:

   February 2, 2021, the school has submitted the sample results to the Officer for review by email. The results indicated the lead concentration was below the limit. The school has started using the revised sampling template to keep sampling records. The school is asked to resume normal sampling between May 1-October 31 of the calendar year (start with the fountains suggested) and keep the complete sampling records on site for 6 years. No further action is required.

SUMMARY OF RECOMMENDATIONS AND BEST PRACTICE ISSUES

This section provides a summary of all recommendations and best practice issues identified during the inspection period. Details pertaining to these items can be found in the body of the inspection report. In the interest of continuous improvement in the interim, it is recommended that owners and operators develop an awareness of the following issues and consider measures to address them.

1. **The operator does not have policies or procedures to notify parents or the public.**
   At the time of the inspection, the school did not have any policy or procedure that would notify parents/public of sampling or exceedances.

   Recommendation:

   It is recommended that Ashbury College develop a policy or procedure in place to notify parents of sampling and prompt notification of any adverse results as a best management practice.

SIGNATURES

Inspected By:

Francis Chow

Signature: (Provincial Officer)



Reviewed & Approved By:

Jatinbhai Patel

Signature: (Supervisor)

Jatinbhai Patel

Review & Approval Date: February 11, 2021

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 Fixture Inventory

Instructions:
- use this template (or one like it) to have all the key regulatory information about each drinking water tap and fountain in your facility at your fingertips
- start by creating an inventory of all drinking water taps and fountains that are required to be sampled and flushed under O. Reg. 243/07
- next, assign a unique fixture number to each drinking water tap and fountain that can be used for all regulatory activities related to each individual fixture (examples shown below)
- use this template to:
  - confirm that every drinking water tap and fountain in your facility has been sampled at least once by required timelines. These are:
    - child care centers and schools with a primary division: at least 1/3 of samples must be done in each of 2017 and 2018, with the remaining samples completed by January 1, 2020
    - other schools: by January 1, 2022
  - document your most recent standing and flushing sample results and if there was any exceedance to the Ontario Drinking Water Quality Standard (ODQWS) for lead (examples shown below)
  - document the frequency and duration each fixture must be flushed (dependent on your sampling results)
  - keep track of any special corrective actions taken at a drinking water fixture (e.g. installation of filter device, fixture replacement or removal, other)
- a water inspector from the Ministry of the Environment and Climate Change (MOECC) can ask for a record of your sampling and flushing activities at any time to confirm your facility is meeting compliance with O. Reg. 243/07

General Information	School	Private School	Child Care Centre
Facility Type:		Private School	
Drinking Water System Number *(provided by MOECC)* **:**	500125932		
School Board/Organization (if applicable):			
Facility Name:	**Ashbury College**		

Fixture Information				Sampling Information				Flushing Information		Corrective Actions		
Fixture Number	**Fixture Type**	**Location**	**End of Branch Tap**	**Last Sample Date**	**Sample Results**		**Exceedance**	**Frequency**	**Duration**	**Filter**	**Fixture removal or replacement**	**Other**
Unique identifier assigned to individual drinking water taps and fountains designed to assist with ongoing flushing and sampling requirements	Tap / Fountain	Physical location of the fixture, e.g., kitchen, hallway, or lunch room	Is this fixture at the end of a branch of plumbing ? Y / N	Date when the last sample was collected from this location (DD/MM/YYY)	Enter the 'Standing' sample test result value from the last sample collected (in µg/L)	Enter the 'Flushed' sample test result from the last sample collected (in µg/L)	Was the sample result an exceedance of the ODWQS (Standing or Flushed) Y/N	Enter the frequency at which this fixture is required to be flushed (daily, weekly, exempt) Is dependent on sampling results	Enter the duration of the flushing that is conducted at this location (5 mins, 10 seconds) Is dependent on sampling results and if end of branch tap	If fixture has an NSF filter, enter date the filter was installed (DD/MM/YYYY)	If fixture has been removed or replaced, enter date this action happened	Enter any other corrective actions you would like to track; include description and date action was completed
C-013	Tap	Kitchen	No	03-08-2020	<1	<1	No	Weekly	5 Minutes			
C-013 Vegetabl	Tap	Kitchen	No	25-01-2021	<1	<1	No	Weekly	5 Minutes			
C-013 Deli	Tap	Kitchen	No	25-01-2021	<1	<1	No	Weekly	5 minutes			
D-039	Tap	Classroom	Yes	03-08-2020	<1	<1	No	Weekly	5 minutes			
C-00e Bottle	Fountain	Hallway	No	02-09-2019	<1	<1	No	Weekly	10 seconds	16-05-2020		
C-00e Bubbler	Fountain	Hallway	No	02-09-2019	<1	<1	No	Weekly	10 seconds	16-05-2020		
B-00a Bottle	Fountain	Hallway	No	03-08-2020	<1	<1	No	Weekly	10 seconds	01-08-2020		
B-00a Bubbler	Fountain	Hallway	No		<1	<1	No	Weekly	10 seconds	01-08-2020		

Fixture Information				Sampling Information				Flushing Information		Corrective Actions		
Fixture Number	**Fixture Type**	**Location**	**End of Branch Tap**	**Last Sample Date**	**Sample Results**		**Exceedance**	**Frequency**	**Duration**	**Filter**	**Fixture removal or replacement**	**Other**
Unique identifier assigned to individual drinking water taps and fountains designed to assist with ongoing flushing and sampling requirements	Tap / Fountain	Physical location of the fixture, e.g., kitchen, hallway, or lunch room	Is this fixture at the end of a branch of plumbing ? Y / N	Date when the last sample was collected from this location (DD/MM/YYY)	Enter the 'Standing' sample test result value from the last sample collected (in µg/L)	Enter the 'Flushed' sample test result from the last sample collected (in µg/L)	Was the sample result an exceedance of the ODWQS (Standing or Flushed) Y/N	Enter the frequency at which this fixture is required to be flushed (daily, weekly, exempt) Is dependent on sampling results	Enter the duration of the flushing that is conducted at this location (5 mins, 10 seconds) Is dependent on sampling results and if end of branch tap	If fixture has an NSF filter, enter date the filter was installed (DD/MM/YYYY)	If fixture has been removed or replaced, enter date this action happened	Enter any other corrective actions you would like to track; include description and date action was completed
D-100b Bottle	Fountain	Hallway	No		<1	<1	No	Weekly	10 seconds	16-03-2020		
D-100b Bubbler	Fountain	Hallway	No	03-08-2020	<1	<1	No	Weekly	10 seconds	16-03-2020		
A-100b Bottle	Fountain	Hallway	No	03-08-2020	<1	<1	No	Weekly	10 seconds	28-05-2020		
A-100b Bubbler	Fountain	Hallway	No		<1	<1	No	Weekly	10 seconds	28-05-2020		
C-100d Bottle	Fountain	Hallway	No		<1	<!	No	Weekly	10 seconds	08-09-2020		
C-100d Bubbler	Fountain	Hallway	No	03-08-2020	<1	<1	No	Weekly	10 seconds	08-09-2020		
A-200c Bottle	Fountain	Hallway	No	02-09-2017	<1	<1	No	Weekly	10 seconds	25-06-2020		
A-200c Bubbler	Fountain	Hallway	No		<1	**<1**	No	Weekly	10 seconds	25-06-2020		

Karen McAndrew - Director of finance + operations.
Tam Matthews - Headmaster
362 Mariposa Ave
Rockcliffe Park, ON
K1M 0T3
613-749-5954

Lee Goodwin - facilities manager
613-749-9630 x230

No LSN
No samples recorded.

O.REG. 243/07 TELEPHONE AUDIT WORKSHEET

Facility Name: Ashbury College
DWS#: 500125932
Auditor: Tarun Beatty
Date: 1st Call June 16/08; 30 June '08 - resched. to, 18 Sept. '08

Municipal water supply or own drinking water system?

Did they receive the information package?

Question Id	LWIS Question Wording	Suggested Verbal Questions	Notes
80100	Was all or part of the plumbing that serves the building that houses the facility installed before January 1, 1990?	When was the facility constructed? Date the oldest plumbing was installed? Y= plumbing predates Jan. 1, 1990 (**B**) N= plumbing installed after Jan. 1, 1990 (**A**)	Junior school - Gr. 4-8 Senior " - Gr 9-12 Boarding students - June 25/08 - L.G. said only 2 bldgs used for residences for last 2½ years (for staff and students). Main campus → 300K S.Ft.; headmaster's house; girls res. built '99, '06
80200	Was any regular flushing carried out at the facility?	Do you have a flushing program in place?	Y - records sent via email June 27 — independent own to main. - 320 Mariposa → staff only housing 224 Springfield → staff Students only in Main campus + 2 residences.
80300 A	If the plumbing at a school, private school or day nursery was installed after Dec 31st, 1989, has the operator ensured that plumbing is flushed at the start of each week at the required time?	How often is the system flushed?	2004 → large renovation to main campus, including new 6" supply line to water meter.

A		What day of the week is the plumbing flushed?	
A		What time of the day is flushing being conducted? Before 6 AM or earliest practicable time if 24 hour	
80400 A	If the plumbing at a school, private school or day nursery was installed after Dec 31st, 1989, has the procedure for flushing been done in accordance with the requirements of section 3(3) of O.Reg. 243/07?	Can you describe to me the typical flushing procedure? (If the operator response does not cover all requirements in 3(3), ask further pointed questions to extract that information.) 5 minutes at the end of the branch, 10 seconds at every tap and fountain, aerator not removed, filter bypassed if possible.	
80500 A	If the plumbing at a school, private school or day nursery was installed after Dec 31st, 1989, has a record been made of the date, time, and the name of the person who performed or verified the flushing?	Are flushing records maintained? (Verbal questions for 80500 not required if records have been forwarded as requested.)	

A		What do the records consist of?	
80600 B	If the plumbing at a school, private school or day nursery was installed before Jan 1, 1990, has the operator ensured that plumbing is flushed at the start of each day at the required time?	How often is the system flushed? Main campus LG flushes	- Daily -> flushing pre-6 ~~AM~~. in main campus for end ~ 5:35 am flushing in new kitchen ~6-7 minutes. during circle check. - Then flush @ other end - also new const. - "94 wing" "'94 wing" = Jr. School -> bathroom @ end of line
B		What time is the flushing conducted? Before 6 AM or earliest practicable time if 24 hour	Doug Parsons flush ~ 10-20 sec @ morning - 7/8 faucets ~~- in below~~
80700 B	If the plumbing at a school, private school or day nursery was installed before Jan 1, 1990, has the procedure for flushing been done in accordance with the requirements of section 4(3) of O.Reg. 243/07?	Is there a written procedure in place? 5 minutes at the end of the branch, 10 seconds at every tap and fountain, aerator not removed, filter bypassed if possible.	N - Bathrooms? 8 "Labrador water coolers" - situated throughout hallways and schools. ~~2 taps~~ - Janitors sinks in girls residence done "later in the day - in others rooms." - Girls there 7 days/week. - girls washrooms private lavatory sinks w/ 2 taps/per. - Boys washrooms - ~10 lavatory sinks in 2 branches - will add 5 minutes flush to each.

B		Can you describe to me the typical flushing procdure? (If the operator resonse does not cover all requirements in 4(3), ask further pointed questions to extract that information)	—
80800 B	If the plumbing at a school, private school or day nursery was installed before Jan 1, 1990, has a record been made of the date, time, and the name of the person who performed or verified the flushing?	Are flushing records being maintained? N (Verbal questions for 80800 are unnecessary if records have been forwarded as requested.)	-Check-marks for 7 locations/day. - No name or time. - Advised to write procedure + add to records of start + end times
B		What do the records consist of?	
80900	For a day nursery, if all or part of the plumbing that serves the building that houses the day nursery was installed before January 1, 1990, and for every school and private school, was any annual lead sampling and testing completed?	Are you conducting any lead sampling?	June 25 - L.G. said they sampled on late 2007, while investigating water quality in bathrooms. - No samples recorded in Ministry of bases. - No results sent by Aug 15/08. - Has copies of water testing Oct 5/07 - for girls residence → will send.

August 15th /08
samples

Junior EOL = "End-of-line".
- 3 bottles/sample → to make up a litre. (3x 500mL bottles).

81000	For a day nursery, if all or part of the plumbing that serves the building that houses the day nursery was installed before January 1, 1990, and for every school and private school was the annual lead sampling and testing done at the proper time, and from the proper location?	Can you describe when and where the lead samples are being collected? Date, time, location, two 1 L bottles (standing and flushing)	- Paracel licensed for DW lead ? - Summer programs end ~ Aug 1/08 - followed website guidance MOE.
		Can you describe the procedures followed when collecting a lead sample? (If the operator resonse does not cover all requirements in 5(2), ask further pointed questions to extract that information) Schools - June 15 - Aug 15, Day nurseries May 1 - Oct 31, Samples taken from same tap, standing sample taken at least 6 hours or longest period possible and before flushing, flushed sample taken after flushing and after 30-35 minute period. Aerator must not be removed.	
		Is there a written procedure in place?	

81050	For a day nursery, if all or part of the plumbing that serves the building that houses the day nursery was installed before January 1, 1990, and for every school and private school have sampling records been made of the date, time, standing period estimate, location, and the name of the person who took each sample?	Are sampling records being maintained? (Verbal questions for 81050 are unnecessary if records are available for visual review.)	- no standing period estimate. - no name
		What do the records consist of?	
81100	For a day nursery, if all or part of the plumbing that serves the building that houses the day nursery was installed before January 1, 1990, and for every school and private school, were lead samples taken and handled in accordance with laboratory instructions including collection, containers, labeling, completion of forms, and methods of transportation for samples?	Have you been provided with instructions from your laboratory for sample taking and handling?	Paracel - provided cooler, ~~sample~~ - photocopied sheet of how to take samples. ⇒ nothing conflicting with MOE requirements.
		If so, are you collecting the sample in accordance with the instructions provided by the laboratory?	

81200	For a day nursery, if all or part of the plumbing that serves the building that houses the day nursery was installed before January 1, 1990, and for every school and private school, was a Laboratory Services Notification (LSN) submitted as required?	Have you submitted the Laboratory Services Notifcation?	~~N~~ - sent R170 LSN form, not R243 - Sent, on August 11/08. ⇒ look up here - LB forwarded copy
		Which laboratory have you retained?	
81400	Has the operator of the facility ensured that the required information is available to the public during normal business hours, including records of flushing, sampling, exceedances, and a copy of O.Reg. 243/07?	Are all flushing and sampling records made available to the public during normal business hours?	Y
81500	Has 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?	Are you retaining all the flushing, sampling, and AWQI records?	Y

		Are you aware that it is required to retain records for six years?	
	Thank you for your time. If you have any questions regarding Ontario Regulation 243/07, please do not hesitate to contact me. Also I would like to let you know that I may need to call you back if I have any additional questions. Thank you.		

Beaty, Taran (ENE)

From: Lee Goodwin [lgoodwin@ashbury.ca]
Sent: September 18, 2008 6:57 AM
To: Beaty, Taran (ENE)
Subject: Re: message
Attachments: Copy of 0833145 FINAL 19 Aug 08 1 2.xls; 0833145 FINAL 19 Aug 08 1 2.pdf

I believe your looking for these also

lee

"Beaty, Taran (ENE)" <Taran.Beaty@ontario.ca> on Wednesday, September 17, 2008 at 9:10 AM -0500 wrote:
Hello Lee,

Thank you for the flushing records. 9:30 tomorrow will be fine. I'll call you then.

Taran Beaty

Facilities Drinking Water Inspector

Ministry of the Environment
Safe Drinking Water Branch
2 St. Clair Ave. W - 19th Floor
Toronto, ON M4V 1L5

Ph: 416-314-7626
Fax: 416-212-7576
taran.beaty@ontario.ca

Provincial Officer Badge #1351

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: September 17, 2008 6:46 AM
To: Beaty, Taran (ENE)
Subject: Re: message

2008/09/18

Please see Dec. 07 (2 pages) and Sept 08 partial, as well does 9:30 am on Thursday Sept 18th work?

thanks
lee

2008/09/18

Paracel Laboratories Ltd.	Client	Ashbury College						
Certificate of Analysis	Attention	Lee Goodwin						
Work Order: 0833145	Reference	Standard Pricing						
Report Date: 8/19/2008 4:17:50 PM	Project Number	[none]						
Note: This is not the original data. Please refer to PDF / Hardcopy report.								
	Parameter	Units	MRL					
LAB ID				0833145-01	0833145-02	0833145-03	0833145-04	0833145-05
CLIENT ID				1 Kitchen Pr	2 Kitchen Pr	3 Kitchen Pr	4 Kitchen Prep 6:37 AM	5 Kitchen Prep 6:37 AM
DATE SAMPLED				14-Aug-08	14-Aug-08	14-Aug-08	14-Aug-08	14-Aug-08
DATE RECEIVED				15-Aug-08	15-Aug-08	15-Aug-08	15-Aug-08	15-Aug-08
MATRIX				Water	Water	Water	Water	Water
	Aluminum	ug/L	1	28	30	28	31	29
	Antimony	ug/L	0.5	<0.5	<0.5	0.6	<0.5	<0.5
	Arsenic	ug/L	1	<1	<1	<1	<1	<1
	Barium	ug/L	5	16	15	17	15	15
	Beryllium	ug/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Boron	ug/L	10	11.5	10.2	<10.0	10.2	10.5
	Cadmium	ug/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Calcium	ug/L	100	8820	8070	8770	8230	8110
	Chromium	ug/L	1	<1	<1	<1	<1	<1
	Cobalt	ug/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Copper	ug/L	0.5	88.6	76.8	82.2	78.6	79.7
	Iron	ug/L	100	<100	<100	<100	<100	<100
	Lead	ug/L	0.1	1.1	0.7	0.7	0.6	0.7
	Magnesium	ug/L	200	2160	1950	2170	2060	1950
	Manganese	ug/L	5	<5	<5	<5	<5	<5
	Molybdenum	ug/L	1	<1	<1	<1	<1	<1
	Nickel	ug/L	1	6	4	6	2	2
	Potassium	ug/L	100	681	653	669	684	658
	Selenium	ug/L	1	<1	<1	<1	<1	<1
	Silver	ug/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Sodium	ug/L	200	19400	19900	20000	20300	19800
	Thallium	ug/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Tin	ug/L	5	<5	<5	<5	<5	<5
	Vanadium	ug/L	1	<1	<1	<1	<1	<1
	Zinc	ug/L	10	36	83	141	24	16

0833145-06	0833145-07	0833145-08	0833145-09	0833145-10	0833145-11	0833145-12
6 Kitchen Prep 6:37 AM	7 Junior EDL 6:15 AM	8 Junior EDL 6:15 AM	9 Junior EDL 6:15 AM	10 Junior EDL 6:48 AM	11 Junior EDL 6:48 AM	12 Junior EDL 6:48 AM
14-Aug-08	14-Aug-08	14-Aug-08	14-Aug-08	14-Aug-08	14-Aug-08	14-Aug-08
15-Aug-08	15-Aug-08	15-Aug-08	15-Aug-08	15-Aug-08	15-Aug-08	15-Aug-08
Water	Water	Water	Water	Water	Water	Water
29	33	30	30	31	32	31
<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<1	<1	<1	<1	<1	<1	<1
15	15	15	15	15	15	15
<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10.3	10.6	10.3	10.6	10.4	10.3	10.5
<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
8240	8520	8280	8040	8350	8100	8070
<1	<1	<1	<1	<1	<1	<1
<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
78.6	87.7	94.3	103	110	80.3	105
<100	<100	<100	<100	<100	<100	<100
1.3	0.9	0.8	0.5	0.8	0.9	0.8
2010	2020	1980	1980	2000	2000	1970
<5	<5	<5	<5	<5	<5	<5
<1	<1	<1	<1	<1	<1	<1
9	2	1	<1	2	3	2
674	683	670	650	675	655	665
<1	<1	<1	<1	<1	<1	<1
<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
19500	19300	18900	19600	18800	19100	19000
<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
<5	<5	<5	<5	<5	<5	<5
<1	<1	<1	<1	<1	<1	<1
53	76	<10	<10	<10	<10	<10

Mahoney, James (ENE)

From: Mahoney, James (ENE)
Sent: May 22, 2012 5:16 PM
To: 'lgoodwin@ashbury.ca'
Subject: Request to Schedule a Telephone Interview Regarding Flushing and Testing for Lead - Ashbury College
Attachments: R243_07 Phone Audit Info Request.doc; R243 Flushing and Testing for Lead.pdf; Registration and LSN for Lead.pdf; Sampling Records Template.xls; Flushing Records Template.xls

Lee Goodwin,
Facility Management

Registration information on record for Ashbury College (drinking water system no. 500125932) cites you as being the operational contact.

Ontario Regulation 243/07, made under the *Safe Drinking Water Act*, directs regular flushing of plumbing and the collection of samples as means of reducing children's exposure to lead in drinking water. Flushing has been demonstrated to reduce lead levels in water at taps or fountains while regular testing measures the potential presence of lead in drinking water against the provincial drinking water quality standard.

To promote awareness and compliance with Ontario Regulation 243/07, the ministry undertakes a number of assessment activities including field inspections, surveys, and telephone-based evaluations.

I am writing to schedule a telephone-based evaluation that is likely to take less than one half hour to complete. To maximize the efficiency and accuracy of this undertaking, I ask that you complete the attached questionnaire entitled "R243_07 Phone Audit Info Request" and to return the document, along with identified supporting documents, to me by either fax to (613) 540-6876 or email to james.mahoney@ontario.ca by no later than June 15, 2012.

The questionnaire's opening query asks that you please provide a date and time that would be most convenient for you to be contacted by phone for an interview of less than one half hour in duration.

Included in this email package are documents that you, as an operator of a school, private school, or day nursery, may find of value as resource material.

If you are not the person who should be cited as the operational contact for the drinking water system, please pass this package along to the appropriate individual and advise me who that individual is.

Should you have any questions, please do not hesitate to contact me.

Yours truly,

Jim Mahoney
Supervisor
Ministry of the Environment
Safe Drinking Water Branch
Kingston-Ottawa-Cornwall Offices
Phone: (613) 548-6902
Fax: (613) 540-6876
Email: james.mahoney@ontario.ca

2012/05/22

Ontario

Ministry of the Environment
Safe Drinking Water Branch
Kingston District Office

May 22, 2012

To: Lee Goodwin, Facility Management	
Phone: **(613) 749-5954**	**Email:** lgoodwin@ashbury.ca

From: Jim Mahoney, Supervisor		
Phone: **(613) 548-6902**	**Fax:** **(613) 540-6876**	**Email:** james.mahoney@ontario.ca

RE: Information to be Supplied to the Ministry Prior to a Scheduled Telephone Interview Regarding Flushing and Testing for Lead in Drinking Water at *Ashbury College*

This notification is being provided for the purpose of scheduling a telephone-based interview and to gather information necessary to complete that interview.

In order to facilitate an efficient and thorough evaluation please complete the following questionnaire and fax or email it along with the below-cited supporting documents to the undersigned evaluator by June 15, 2012.

A.	**Scheduling of Telephone Based Interview**
A.1.	Please supply a date and time that would be most convenient for you to be contacted by phone for an interview of less than one half hour in duration. DATE: _____ TIME: _____
B.	**Background Information**
B.1.	If known, what is the date of the building's construction? RESPONSE: _____

B.2.	Is this facility co-located with another school, private school, or day nursery? YES: □ NO: □ If applicable, what are the names of all other co-located schools, private schools, or day nurseries situated within the building? RESPONSE 1: _____ RESPONSE 2: _____ RESPONSE 3: _____
B.3.	How frequently is plumbing flushed? DAILY: □ WEEKLY: □
B.4.	How is flushing accomplished? MANUALLY: □ AUTOMATED: □
B.5.	Where are flushing and lead sampling records maintained? RESPONSE: _____ _____
B.6.	For how long (i.e. how many years) are flushing and lead sampling records maintained? RESPONSE: _____
B.7.	What process is in place to ensure that flushing and lead sampling records are made available to the public? RESPONSE: _____ _____ _____
B.8.	Who collects the required lead samples? RESPONSE: _____
C.	**Supporting Documents to be Faxed or Emailed to the Ministry by June 15, 2012.**
C.1.	Flushing records / logs for the preceding two (2) calendar months.
C.2.	Sampling records / logs for the two (2) most recently collected sets of samples (where each "set" consists of a standing and a flushed sample).

Should you need to contact me prior to the inspection, I may be reached at (613) 548-6902.

Yours truly,



Jim Mahoney
Evaluator/Provincial Officer, Badge # 582
Phone: (613) 548-6902
Fax: (613) 540-6876
Email: james.mahoney@ontario.ca

Flushing and Testing for Lead in Drinking Water

What are my responsibilities under
the Safe Drinking Water Act, 2002 and Ontario Regulation 243/07
(Schools, Private Schools and Day Nurseries)?

A guide for

SCHOOLS, PRIVATE SCHOOLS AND DAY NURSERIES

about flushing, sampling and testing for lead in drinking water.

Updated with amendments to O. Reg. 243/07

Protecting our environment. Ontario

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An online version of this guide can be found at www.ontario.ca/drinkingwater.

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A: Introduction

This guide has been revised to reflect changes to the requirements for flushing and testing of drinking water taps in schools, private schools and day nurseries under Ontario Regulation 243/07 (Schools, Private Schools and Day Nurseries) made under the Safe Drinking Water Act, 2002. According to Health Canada, research shows that exposure to even small amounts of lead can be harmful to human health, especially for young children, infants and pregnant women. Long-term chronic exposure to lead may increase the risk of subtle impairments to intellectual development. The flushing of plumbing has been shown to reduce lead levels in water at the tap.

Ontario Regulation 243/07 is intended to reduce children's exposure to lead in drinking water. The regulation requires the flushing of plumbing in schools, private schools and day nurseries. This flushing has been shown to reduce lead levels in water at a tap or fountain. The regulation also requires testing to measure the potential presence of lead in drinking water against the provincial drinking water quality standard (see box below).

Flushing and sampling requirements are now aligned with a facility's lead test results history rather than being solely based on factors such as the age of the plumbing.

This guide provides information to help you to comply with this regulation and protect the health of Ontario's children.

Remember, this guide is only a summary, and should not be relied upon for compliance purposes.

To be clear about your specific requirements for flushing and testing in schools, private schools and day nurseries, you must refer to the text of Ontario Regulation 243/07 (Schools, Private Schools and Day Nurseries).

Note: If your facility operates its own drinking water system, you are subject to the requirements of Ontario Regulation 243/07 (Schools, Private Schools and Day Nurseries), Ontario Regulation 170/03 (Drinking Water Systems) and the Safe Drinking Water Act, 2002 (SDWA). To better understand your obligations under Ontario Regulation 170/03 (Drinking Water Systems) and the SDWA, you may wish to consult *"Providing Safe Drinking Water to the Public: A guide for owners and operators of non-residential and seasonal residential drinking water systems that serve designated facilities"* which can be found on the ministry's Drinking Water Ontario website under Guidance at www.ontario.ca/drinkingwater.

You can access the Safe Drinking Water Act, 2002 and its associated regulations at: www.e-laws.gov.on.ca or by calling our Public Information Centre at 1-800-565-4923.

If you have any legal questions about the application or interpretation of the regulations or legislation, you should consult a lawyer.

What is Ontario's drinking water quality standard for lead?

The Ontario drinking water quality standard for lead is 10 micrograms per litre. You may also see this standard written as 10 µg/L or as 0.010 milligrams per litre. This drinking water quality standard is set out in O. Reg. 169/03 (the Ontario Drinking Water Quality Standards) made under the Safe Drinking Water Act, 2002. It is based on a national guideline set by Health Canada and reflects a prudent, protective estimate that takes children's health into consideration.

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Summary of requirements under O. Reg. 243/07

This chart gives a summary of the regulation's requirements.
The guide provides further details.

Weekly or Daily Flushing	Schools, private schools and day nurseries must flush their plumbing at least weekly if their lead test results over the past 24 months (standing or flushed) meet or are below the drinking water quality standard. If any samples from the previous 24 months exceeded the standard, the facility's plumbing must be flushed daily. Daily flushing would still be required at any facility directed to do so by the Ministry of the Environment (the ministry). If a facility does not have test results from a full 24-month period, the flushing frequency is determined by the age of the plumbing: **daily** where any plumbing was installed before January 1, 1990, and **weekly** if all of the plumbing was installed on or after that date. All flushing must be completed in the morning before the facility opens for the day or the week. Where a building is open overnight (e.g., student residences with communal washrooms), flushing must be completed as early as possible. Flush cold water for at least five minutes from a tap at the end of each branch or run of pipe in plumbing that serves taps or drinking water fountains commonly used to provide water for consumption by children under 18 years of age. Follow this branch flushing with a 10 second flush of all taps and drinking water fountains that are likely to be used to provide water for consumption by children under 18 years of age.
Selection of Licensed Laboratory (if testing is required)	Drinking water samples must be sent to a laboratory licensed by the Ministry of the Environment for lead testing. Before sending your samples to a laboratory for the first time, you must contact a licensed laboratory to make proper arrangements including arranging for sampling instructions and containers. You must also submit a Registration and Laboratory Services Notification form specifically for schools, private schools and day nurseries to the ministry. This form identifies which licensed laboratory you have hired to perform your lead testing and needs to be updated everytime there is new information.
Lead Sampling and Testing	All schools, private schools and day nurseries are required to carry out annual sampling and testing for lead. Schools, private schools and day nurseries are required to sample between May 1 and October 31. The lead sampling frequency may be reduced from once a year to once every three years for any school, private school or day nursery if in the two most recent years of lead testing no results exceeded the standard, if drinking water from the taps used by children throughout the facility has been tested and if a notice is sent to the Ministry of the Environment. Annual sampling would need to resume if any test result exceeds the standard for lead or if your facility is directed to do so by the Ministry of the Environment. If more than one school, private school or day nursery is served by the same plumbing, the facilities are called co-located facilities and a single set of samples may be acceptable if specific rules are followed.

Reporting of Test Results and Corrective Action	The licensed laboratory conducting your sample analysis is required to report in writing test results that exceed any Ontario drinking water quality chemical standard, such as the lead standard. These test results must be reported to the operator of the school, private school or day nursery, the local Medical Officer of Health, and the ministry's Spills Action Centre within 24 hours. When a school, private school or day nursery operator receives an exceedance report from the licensed laboratory, the operator is required to complete their section and send a copy of the report to the local Medical Officer of Health, the ministry's Spills Action Centre, and, where applicable, the Ministry of Education or Ministry of Children and Youth Services, within 24 hours. The operator must also take any corrective action steps as directed by the local Medical Officer of Health. Once the corrective actions are taken, the operator must submit a completed Section C-2: Issue Resolution on the Notice of Lead Exceedance Test Results form within seven days after the issue is resolved summarizing the actions taken and results achieved to the local Medical Officer of Health, the ministry's Spills Action Centre and where applicable, the Ministries of Education or Children and Youth Services. In the case of co-located facilities, the operator who completes the Section C-2: Issue Resolution on the Notice of Lead Exceedance Test Results form must give a copy to the other operators who are relying on the same set of samples. Co-located facilities must then provide a copy of the report to their interested authorities (Ministry of Education for schools and Ministry of Children and Youth Services for day nurseries).
Information and Records	School, private school and day nursery operators must keep records on flushing and testing for six years. The records for the most recent two years of flushing and testing must be available at the site of the facility for inspection by any member of the public during business hours, free of charge.

B: Which requirements apply to my facility?

You are required to flush and take samples as outlined in the following table.

FLUSHING AND TESTING FOR LEAD IN DRINKING WATER	
DAILY FLUSHING Flush **daily** if:	**WEEKLY FLUSHING** Flush **weekly** if:
Lead test results in past 24 months were above the standard, OR	Samples from at least a full 24-month period were below the standard, OR
Any part of the plumbing was installed before January 1, 1990 and there was no sampling and testing for a full 24-month period, OR	All plumbing was installed after 1990
Required by the ministry	
ANNUAL SAMPLING AND TESTING Sample and test **annually** if:	**SAMPLING AND TESTING EVERY 3 YEARS** Sample and test **once every 3 years** if:
Lead test results in last 24 months were above the standard, OR	Samples from at least a 24-month period are below standard and water from taps used by children throughout the facility are tested, AND
Required by the ministry	Ministry receives a completed Notice of Reduced Lead Sampling form

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NOTES

- Schools, private schools and day nurseries must flush their plumbing at least weekly if their lead test results over the past 24 months don't exceed the drinking water quality standard. If any samples from the previous 24 months exceeded the standard, the facility's plumbing must be flushed daily. Daily flushing is also required at any facility if directed to do so by the Ministry of the Environment.

- With the following exceptions, the facilities subject to O. Reg. 243/07 are all facilities that meet the criteria of the definitions of "school" or "private school" under the Education Act, or the definition of "day nursery" under the Day Nurseries Act.

The exceptions for flushing are:

- A place of residence used by a teacher or other employee of the school or private school;

- Any part of a building with taps located in private student dormitories with their own washrooms and that are not used communally;

- If the tap or fountain is primarily intended for use by the general public (i.e., in a shopping mall); or

- Facilities that are served by a drinking water system that does not use electricity and does not serve any building or structure that uses electricity, where all drinking water fountains are rendered inoperative and warning notices are posted and regularly checked.

C: Five steps to complying with O. Reg. 243/07

Step 1: Weekly or daily flushing

The frequency of flushing depends on the age of your facility's plumbing and your lead test results.

Weekly flushing

If your school, private school or day nursery is located in a building where all parts of the plumbing serving the building (including the water service pipe) were installed in or after 1990, you are only required to flush weekly.

Daily flushing

If your school, private school or day nursery has not tested for lead for a full 24-month period and any part of the plumbing that serves the building (including the water service pipe) was installed before January 1, 1990, you are required to flush daily. You can reduce your daily flushing to weekly when you have 24 months of test results that do not exceed the standard for lead.

Daily flushing requirements may be re-instated by the Ministry of the Environment based on new information such as: a test result that exceeds the standard or chemistry changes where the water becomes more corrosive (causing more lead to leach out).

When you should flush

- For weekly flushing, flush on the first day that the school, private school or day nursery is open each week.

- For daily flushing, flush every day that the school, private school or day nursery is open.

- Complete the flushing before the facility opens for the day. Where a school or private school building is open for 24 hours on that day (e.g., a building housing student residences within the school property), flushing must be completed as early as possible.

NOTES

- A school or private school is considered to be open only on days when the facility is holding its programs, or providing its services for children under 18 years of age.
- A day nursery is considered to be open when, at any time during the day, any of the children cared for are present in the facility.

Where and how to flush

- First, turn on the cold water 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.
- Then, turn on the cold water 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.
- Make a written record of the date and time of every required flushing and the name of the person who performed the flushing. If auto flushers are used, record the name of the person who verified that the automatic flushing took place. Your records for auto flushers need to be completed based on the frequency set out in the manufacturer's instructions or at least once a month if no instructions are available.

NOTES

- The intention of the minimum five-minute flushing of the plumbing is to run the water until water from the water main in the street or your well reaches the taps used for flushing. Depending on the length of the pipes through which the water has to travel and the size of the pipes, it may take longer than five minutes for this to happen. In such cases, you may need to flush your plumbing for a longer time.
- You are not required to flush any tap or fountain in a part of your building that is not open during the entire week (if weekly flushing applies) or day (if daily flushing applies) as well as in private student residences or in a public washroom (i.e., in a shopping mall).
- If a tap or drinking water fountain has an aerator, do not remove the aerator when flushing.
- If a tap or drinking water fountain has an individual filter or other water treatment device, you should bypass the filter when flushing if this can be done easily. You are not required to bypass a filter or treatment device if it would require removing or dismantling the device to do so.
- An example of a suitable form you can use to record your flushing information can be found on the ministry's Drinking Water Ontario website under Lead and Drinking Water at www.ontario.ca/drinkingwater. You are not required to use this specific form; it is intended as an example only.
- You can also find an instructional video on flushing and a quick reference "At-A-Glance" poster on the ministry's Drinking Water Ontario website under Lead and Drinking Water at: www.ontario.ca/drinkingwater.

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Questions and Answers About Flushing

What is an aerator?

An aerator is a screen unit that is screwed onto the end of a tap/faucet to control splashing and reduce water flow.

How do I know what is the last tap on a branch or run of pipe in the plumbing?

For most schools, the school operator will have building plans which indicate each branch of plumbing and where these branches end. For other facilities, you should contact the owner of the building to see if building plans are available. If your facility is located in a small building, the last tap is often the one located furthest from the where the water pipe comes into the building.

Can a facility use an automatic flushing device?

Yes. If your facility uses an automatic flushing device for any of the taps that require flushing, a record of checks that the device is operating properly needs to be completed based on the frequency set out in the manufacturer's instructions or at least once a month if no instructions are available.

Step 2: Selection of a licensed laboratory

O. Reg. 243/07 requires that all schools, private schools and day nurseries must conduct sampling and testing for lead either once a year or every three years depending on past test results. Drinking water samples must be sent to a laboratory licensed by the Ministry of the Environment for lead testing.

Finding a licensed laboratory

- If you need help finding a licensed laboratory to conduct your lead testing, you can find information about licensed laboratories by visiting the ministry's Drinking Water Ontario website under Lead and Drinking Water at: www.ontario.ca/drinkingwater or by contacting the ministry's Public Information Centre at 1-800-565-4923.

- It is important to contact a licensed laboratory to arrange for testing and to obtain sampling containers and instructions for the collection and delivery of samples prior to collecting and submitting samples. The regulation requires that you follow the sample collection instructions that the licensed laboratory is required to provide you. Together with the instructions, the laboratory will also give you their sample submission chain-of-custody form. You must complete and include this form with the samples you submit for testing.

Informing the ministry of your selected laboratory

- After making the testing arrangements but before sending your samples to a licensed laboratory for the first time, you must submit a Registration and Laboratory Services Notification form, specific for schools, private schools and day nurseries, to the ministry. This form identifies the licensed laboratory that you have hired to perform your lead testing.

- A copy of the Registration and Laboratory Services Notification form can be found on the ministry's Drinking Water Ontario website under Forms at www.ontario.ca/drinkingwater

- Completed Registration and Laboratory Services Notification forms can be sent via e-mail to: reg170_formsubmission.moe@ontario.ca or by fax to 416-314-8716.

- Following receipt of your Registration and Laboratory Services Notification, the ministry will assign a unique reference number to your facility for the purposes of O. Reg. 243/07. You will be notified of this number directly by the ministry.

NOTES

- You are also required to submit an updated Registration and Laboratory Services Notification form to the ministry within 10 days of each time you change or hire a new laboratory to do your lead testing and/ or when you change any information (e.g., name, address, email).

Special instructions to help you fill out your Registration and Laboratory Services Notification form

Who is the operator?

Section 2 of the Registration and Laboratory Services Notification requires you to complete School/Day Nursery Operator Information. An "operator" in this case means:

- School operator – the school board to which the school belongs (e.g., ABC District School Board)
- Private school operator – the person required to notify the Ministry of Education under s. 16 of the Education Act of the existence and operation of the school (e.g., owner of ABC Private School)
- Day nursery operator – the person required to be licensed under s. 11 of the Day Nurseries Act to operate the day nursery (e.g., owner of ABC Child Care Centre).

Special instructions for operators with multiple facilities (e.g., school boards)

- If you are an operator with multiple facilities under your care, such as a school board, you can reduce the number of Registration and Laboratory Services Notification forms you have to submit to the ministry if you are using the same licensed laboratory for more than one of your facilities.
- In such cases, you can submit one Registration and Laboratory Services Notification form with "Section 2: School/Day Nursery Operator Information" and "Section 4: Identification of Licensed Laboratory and Lead Testing" filled out once, and attach a list with information to support "Section 1: Schools, Private Schools and Day Nurseries Information."
- If you are using this option, please ensure your attached list includes all information needed to complete all fields in Sections 1 and 3 for every facility listed.

Special instructions for facilities served by the same plumbing

If you are an operator and the plumbing of your facility is shared by more than one school, private school or day nursery, then the facilities are co-located. You are required to complete Section 3 of the Registration and Laboratory Services Notification form. Please ensure that your attached sheet includes all information needed to complete all fields in Section 3.

Special instructions for facilities served by their own drinking water system regulated under O. Reg. 170/03 as a drinking water system serving a "designated facility"

- Schools, private schools and day nurseries that have already registered with the Ministry of the Environment as a drinking water system serving a designated facility and have submitted a Registration and Laboratory Services Notification under O. Reg.170/03, must also submit a separate Registration and Laboratory Services Notification form for lead sampling as required by O. Reg. 243/07.
- This is true even in cases where the same licensed laboratory will be doing the testing required under both regulations.

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Step 3: Annual sampling and testing for lead

Who is required to sample

- All *schools, private schools and day nurseries* are required to carry out annual sampling and testing for lead.

What to sample and when

- For annual sampling, you must take two one-litre tap water samples and have these samples tested for lead by your selected licensed laboratory at least once every year.

- For all schools, private schools and day nurseries, the two required samples must be taken on any day between May 1 and October 31. As well, other samples taken outside of this window in accordance with the sampling requirements of the regulation must be reported.

When should a new facility sample and test for lead?

When a new facility opens, your first sampling and testing must be completed within 30 days. However, when a new facility commences its operations after March 31, sampling and testing must be done within 30 days, and no additional sample is required during the normal May to October sampling period for that calendar year.

Where to sample

- When you sample, both of the two required samples must be taken from the same tap.

- For schools and private schools, samples must be taken from a tap which is commonly used to provide drinking water or to prepare food or drink for children under 18 years of age. You may also use a drinking water fountain, but only where you can properly collect a sample.

- For day nurseries, samples must be taken from a kitchen or food tap. After that, you can use any tap that provides drinking water. You can also use a drinking fountain, but only where you can properly collect a sample.

What is meant by lead plumbing or lead solder?

Lead plumbing means plumbing with lead content greater than 8 per cent; lead solder means solder with lead content greater than 0.2 per cent.

- Where there is more than one appropriate tap from which a sample could be taken and one of the taps is more likely to be served by lead plumbing or plumbing containing lead solder, the samples must be taken from that tap.

Instructions for sampling

1. Take the first of the two required one-litre samples after six hours or more have passed since the plumbing was last used. If it is not practical to leave the plumbing unused for six hours or more, the sample should be taken immediately after the longest practical time period.

2. Using a tap that provides cold water and meets the above criteria outlined in "Where to sample," take the sample using the instructions provided by the laboratory which you have contracted to conduct the testing of your samples (see "Step 2: Selection of a licensed laboratory") and follow these rules:

    - Each one-litre sample must be of cold water taken during a single continuous period and must include the first water that comes out of the tap after it is turned on;

    - Each one-litre sample must be taken with water flowing at a rate that approximates normal use and does not allow water to splash out of the container into which the sample is being collected; and

    - Unless your laboratory directs otherwise, more than one container may be used to take each of the required one-litre samples as long as the time taken to switch from one container to the next is minimized.

3. Immediately after taking the first one-litre sample, flush the tap with cold water for at least five minutes.

4. Following the flushing, turn the tap off and leave it unused for *at least 30 minutes and not more than 35 minutes.* If possible, leave all of the plumbing unused during this time period.

5. Immediately after the 30 to 35 minute time period, take the second one-litre sample of cold water from the same tap. Take the sample in accordance with the instructions and rules described above for the collection of the first sample.

6. Record the date and time each sample was taken, the estimated length of the period the plumbing was not being used prior to taking the first of the two required one-litre samples, 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.

7. Deliver the samples to the licensed laboratory contracted to conduct the tests in accordance with the instructions provided by the laboratory.

NOTES

- If the tap from which the samples are to be taken has an aerator, the aerator must not be removed while the samples are being taken.

- If the tap from which the samples are to be taken has a filter or other water treatment device installed on or at the tap and it is possible to bypass the filter/water treatment device without removing it, the filter or other device must be bypassed while the samples are being taken.

- If the tap from which the samples are to be taken has a filter or other water treatment device installed on or at the tap and it is not possible to bypass the device without removing it, the filter/water treatment device must be removed. The device must be removed the day before the samples are to be taken and the tap flushed with cold water for at least five minutes prior to the start of the six-hour standing period.

- The intention of the minimum five-minute flushing of the sampling tap is to run the water until water from the water main in the street or your well reaches the sampling tap. Depending on the length of the pipes through which the water has to travel and the size of the pipes, it may take longer than five minutes for this to happen. In such cases, you may need to flush your sampling tap for a longer time. This will allow the sample taken after the subsequent 30 to 35 minutes of stagnation to represent water that was in contact with the plumbing for only that specific length of time.

- When sending the two samples to the licensed laboratory, it is important to clearly identify the samples as follows:

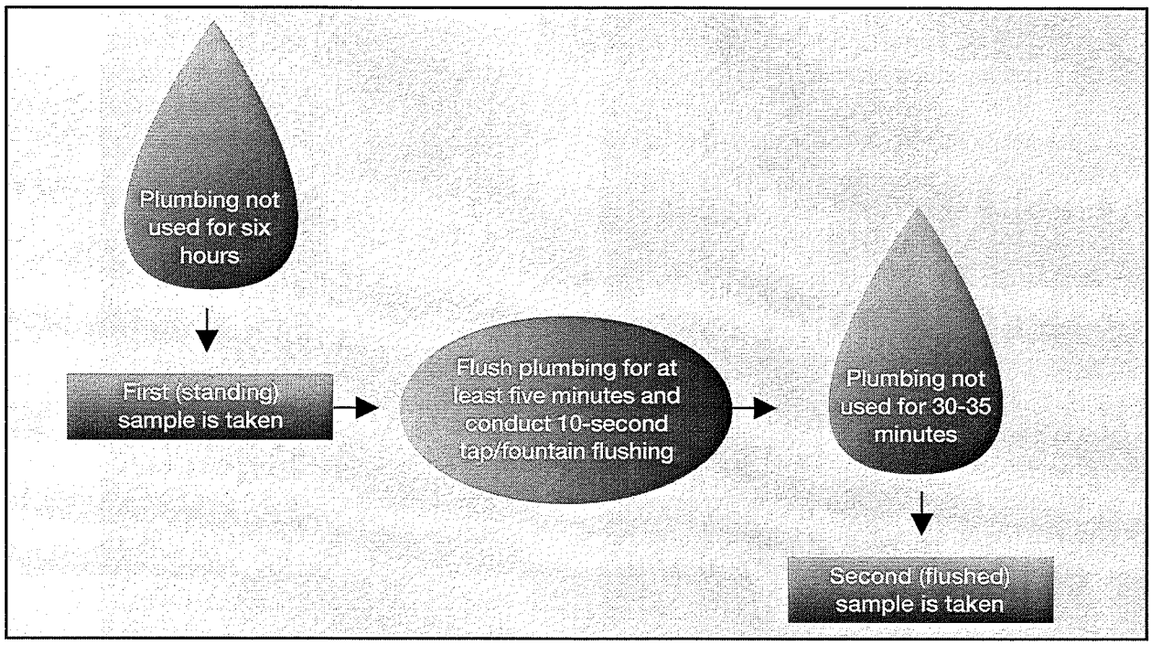
  - **Standing.** The first sample taken after six or more hours when the plumbing is not used.

  - **Flushed.** The second sample taken after flushing the plumbing for a minimum of five minutes followed by 30-35 minutes when the plumbing is not used.

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Steps if sampling is done on a day when daily or weekly flushing is required

If you are both flushing your facility's plumbing and taking your lead samples on the same day, here is the sequence in which the steps for both requirements should be taken.



NOTES

- The day before you take the samples, you may want to practice getting the water flowing at a rate that approximates normal use and ensuring that water will not splash out of a container that is similar to, *but not the actual one*, in which the sample will be collected. These actions are important since your first sample must include the water that comes out of the tap immediately after the tap is turned on.
- You can find an example of a suitable form for recording your sampling information on the ministry's Drinking Water Ontario website under Lead and Drinking Water at www.ontario.ca/drinkingwater. You are not required to use this specific form; it is intended as an example only.
- You can also find an instructional video on sampling and a quick reference "At-A-Glance" poster on the ministry's Drinking Water Ontario website under Lead and Drinking Water at www.ontario.ca/drinkingwater.
- If you are sending the samples to a laboratory that is different from the laboratory that tested your samples the previous year, you must notify the ministry of the identity of the new laboratory prior to or immediately after sending the samples. This notification must take place before the newly contracted laboratory conducts the tests. Use the Registration and Laboratory Services Notification form (see "Step 2: Selection of licensed laboratory" section of this guide) to file the notification with the ministry.

Steps to Reduce Sampling Frequency

You can reduce your annual lead sampling frequency to once every three years if your two most recent years of test results for lead, from both standing and flushed samples, do not exceed the Ontario drinking water quality standard; if the drinking water from taps used by children throughout the facility has been tested; and if a notice is sent to the ministry.

To qualify, a facility will need to test:

- All taps used to prepare food or drink for consumption by children; and
- At least one tap from every washroom or change room where children are allowed to fill water bottles or containers.

You are then required to submit a Notice of Reduced Lead Sampling to the ministry indicating that all the sampling and testing is completed. After the form is accepted by the ministry, the reductions would then apply, but you must return to yearly testing if any result exceeds the standard or if directed to do so by the ministry. A copy of the Notice of Reduced Lead Sampling form can be found on the ministry's Drinking Water Ontario website under Forms at www.ontario.ca/drinkingwater.

Questions and Answers About Sampling and Flushing for Co-located Facilities

What are co-located facilities?

Facilities are co-located if more than one school, private school or day nursery share the same plumbing. In most cases, facilities that share a building can be considered co-located.

Can co-located facilities share flushing duties?

Yes, instead of each facility flushing its plumbing, one operator may conduct the flushing at multiple co-located facilities as long as there is an agreement between all the operators that ensures that the plumbing in each facility is being properly flushed.

Can co-located facilities share annual sampling duties?

Co-located facility operators may share a single set of samples, provided that the sampling is being done properly.

What are primary and secondary facilities?

The operator who has agreed to flush and/or take samples for all facilities is referred to as the primary facility operator. For example, if a school and a day nursery are co-located, the school (primary facility) may take one set of samples to satisfy the sampling requirements of both the school and the day nursery. The day nursery is referred to as the secondary facility.

How can I inform the ministry that samples will be shared between multiple facilities?

When the decision is made to share samples among multiple facilities, all participants should submit an updated Registration and Laboratory Services Notification form to the Ministry of the Environment.

What taps should the drinking water samples be taken from?

If samples are being shared among co-located facilities, the samples should be taken from a cold water tap that is used for food preparation or for drinking by children under the age of 18. You may also use a drinking fountain, but only where you can properly collect a sample. Samples from taps and fountains should be taken on a rotational basis from all facilities sharing the sample, with priority given to taps used in the preparation of food or drink in a day nursery. For example, if a school and a day nursery share the same plumbing, and have agreed to share drinking water samples to meet O. Reg. 243/07 requirements, the first set of samples must be taken from a kitchen or food tap in the day nursery, and the following testing year, samples can be taken from the school. As a result, facilities will alternate their sampling schedules.

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This ensures that the samples are taken from both the day nursery and school who have agreed to share a single set of samples.

What happens if the shared sample exceeds the standard for lead?

If the test result for the shared sample exceeds the Drinking Water Quality Standard for lead, the primary facility operator will receive a Notice of Lead Exceedance Test Results (LEN) form from the laboratory. The primary operator has 24 hours to complete Section C-1: Exceedance Notification on the LEN form (including adding the co-located facilities names and Drinking Water Information System numbers) and provide the LEN form to the secondary operators, the Ministry of Environment's Spills Action Centre, the local Medical Officer of Health, and either the Ministry of Education or the Ministry of Children and Youth Services (whichever may be applicable).

Operators of any secondary facilities (who are sharing the sample), are required to confirm their information is correct on the LEN form, and submit a copy of this form to either the Ministry of Education, or the Ministry of Children and Youth Services (whichever may be applicable).

Who has to keep the sampling records and test results?

Each facility is responsible for keeping all records related to the regulation and making the test results and records available to the public. The secondary facility shall request copies of the sampling records and test results from the primary facility, and keep them updated.

Step 4: Reporting of test results and corrective actions

O. Reg. 243/07 sets out when and with whom laboratory test results must be shared.

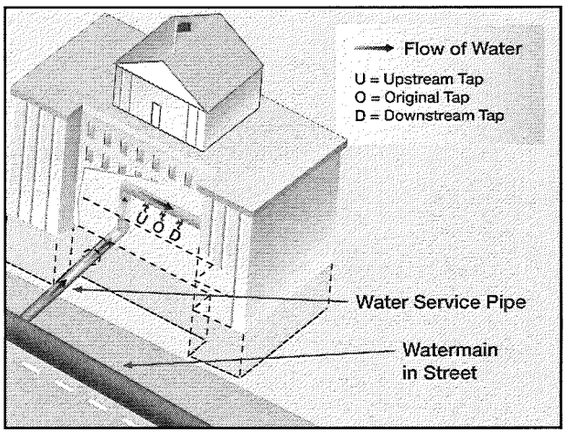
- If the laboratory that tests the samples detects a lead exceedance (greater than 10 micrograms per litre), or an exceedance of any other drinking water quality chemical standard set out in O. Reg. 169/03, it must provide a written report on the exceedance within 24 hours of the laboratory's internal approval of the test result by personal delivery, fax or e-mail to:
  - the operator of the school, private school or day nursery;
  - the ministry's Spills Action Centre; and,
  - the local Medical Officer of Health.
- This written report will be sent in a form called a Notice of Lead Exceedance Test Results (LEN), which is completed in part by the licensed laboratory and in part by the operator of the facility.
- The operator of the school, private school or day nursery who receives a LEN form from the laboratory is required to complete Section C of the form as directed and to give a copy of it by personal delivery, fax or e-mail within 24 hours to:
  - the local Medical Officer of Health
  - the ministry's Spills Action Centre
  - the Ministry of Education, if a school
  - the Ministry of Children and Youth Services, if a day nursery
  - every other co-located facility relying on the same set of samples.
- If there is an exceedance in either a standing or flushed sample, the operator of the school, private school or day nursery is required to take any corrective action which is directed by the local Medical Officer of Health.
- In cases where there is no exceedance of a provincial drinking water quality chemical standard, your licensed laboratory is still required to send you all test results within 28 days. Laboratories should also send all test results to the ministry within this timeframe.
- Once corrective actions are taken, facility operators are required to submit a completed Section C-2: Issue Resolution on the Notice of Lead Exceedance Test Results form within seven days after the resolution summarizing the actions taken and the results achieved to:
  - the local Medical Officer of Health
  - the ministry's Spills Action Centre
  - Ministry of Education, if a school
  - Ministry of Children and Youth Services, if a day nursery
  - every other co-located facility relying on the same set of samples.

What to do if you get a lead exceedance in a "flushed" sample

It is not unexpected that facilities may receive a test result that exceeds the provincial drinking water quality standard for lead in a sample of water that has been standing for six hours in a facility's plumbing, particularly in cases where the plumbing is older. Generally, proper flushing of the plumbing will help alleviate the problem and reduce lead to below the provincial drinking water quality standard of 10 micrograms per litre. If, however, the "flushed" sample (i.e., the sample taken 30 to 35 minutes after you have flushed your plumbing for five minutes) shows an exceedance of the drinking water quality standard for lead, this may be an indication that additional steps are necessary to protect children who attend your facility from persistent lead in drinking water.

In cases where a "flushed" sample result shows an exceedance of the drinking water quality standard for lead of 10 micrograms per litre, the Chief Drinking Water Inspector, with the support of the Chief Medical Officer of Health, recommends the following steps be taken:

1. Continue to flush your facility's plumbing daily.
2. Follow any directions you may have received from your local Medical Officer of Health. These directions will likely include a request for you to carry out additional re-sampling from the same tap where the initial sample was taken.
3. It is recommended that the operator:
    - Take two re-samples from the same tap where the initial sample was taken; one re-sample followed by second re-sample taken a minimum of seven days apart but within 30 days of the first one.
    - Prior to taking either of these two re-samples, the operator should flush the facility's plumbing for a minimum of five minutes and then leave the plumbing unused for 30 minutes but not more than 35 minutes.
4. If your initial test result showed an exceedance of lead above 30 micrograms per litre, additional precautionary steps may be necessary. Your local Medical Officer of Health will likely recommend that you carry out appropriate site-specific risk assessment activities. It is also recommended that you follow these additional re-sampling steps:
    - In addition to the two re-samples at the original tap noted above, on the first day of re-sampling, an additional sample should be taken at a drinking water tap that is "upstream" of the original tap (i.e., a tap which is closer to the water service pipe entering the building) and one sample should be taken "downstream" of the original tap (i.e., a tap which is further away from the water service pipe entering the building). This will help locate where in your plumbing there may be a problem with exposure to lead sources.
    - If the original sample was taken at the end of a line of plumbing, these two additional re-samples can be taken from taps that are "upstream", or closer to the water service pipe.



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Test Results and Corrective Actions

If your facility is notified about a lead test result above the Ontario drinking water standard, specific corrective actions that must be taken will be identified by the local Medical Officer of Health and may be different on a case-by-case basis. The end goal for all corrective actions is protection of health. (See box for more information about steps to take if you get a lead exceedance in a "flushed" sample).

Facility operators are required to submit a completed Section C-2: Issue Resolution on the Notice of Lead Exceedance Test Results form within seven days after the resolution, summarizing the actions taken and the results achieved, to:

- the local Medical Officer of Health
- the ministry's Spills Action Centre
- Ministry of Education, if a school
- Ministry of Children and Youth Services, if a day nursery
- every other co-located facility relying on the same set of samples.

If the operator is a co-located facility operator who is sharing a single set of samples with another co-located facility or facilities, the form must be given to the other operators who are relying on the same set of samples.

Questions and Answers About Re-Sampling

If I have received a test result showing that my facility has an exceedance above the provincial standard of 10 micrograms per litre, when will the Ministry of the Environment be satisfied with my efforts to address high lead levels in my facility's drinking water?

If you have an exceedance of the drinking water quality standard for lead, you can expect to be contacted by a Ministry of the Environment Drinking Water Inspector. This inspector is responsible for confirming that you have met your regulatory obligation for corrective actions under O. Reg. 243/07, which is to take all actions directed by the local Medical Officer of Health.

A local Medical Officer of Health may direct you to demonstrate that you have made satisfactory efforts to clear your facility's drinking water of high lead levels. For example, in cases where a facility had an initial test result for lead above 10 micrograms per litre, but 30 micrograms per litre or less, you may be directed to:

- Complete two re-samples at the original sampling tap that have been taken a minimum of seven days apart but within 30 days of each other and to submit these re-samples for laboratory testing. These re-samples would be taken following a minimum five-minute flushing and after a 30-35 minute waiting period. The test results for both re-samples must be below the provincial standard of 10 micrograms per litre; and
- Continue to flush the facility's plumbing on a daily basis in the manner described in O. Reg. 243/07.

In cases where a facility had an initial test result for lead over 30 micrograms per litre, in addition to the actions listed above, you may also be directed by the Medical Officer of Health to:

- Complete two re-samples taken a minimum of seven days apart but within 30 days of each other on any plumbing fixture from which a

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previous sample showed an exceedance of over 10 micrograms per litre, and to submit these re-samples for laboratory testing. As above, these re-samples would be taken following a minimum five-minute flushing and after a 30-35 minute waiting period. The test results for each pair of re-samples done on every fixture must both be below the provincial standard of 10 micrograms per litre.

If, as part of the corrective action, you install lead removal filters on all taps and water fountains commonly used to provide water for consumption by children under 18, and the local Medical Officer of Health directs you to take re-samples for lead testing from a tap with a filter installed, the ministry will be satisfied that the test results for such re-samples represent the lead level in the drinking water within the facility.

What should I do if my facility's re-samples continue to show exceedances over the provincial drinking water quality standard for lead?

In cases where a facility continues to receive test results that show an exceedance of lead above the provincial standard, the operator must continue to carry out any corrective actions as directed by the local Medical Officer of Health, as required by O. Reg. 243/07.

In addition, it is recommended that the operator:

- Complete an assessment of the facility's plumbing to determine whether pipes, solder, fittings or fixtures could be the source of lead in drinking water. Parts of the drinking water plumbing system may need replacement; and
- Develop a longer-term remediation action plan under the advice of the local Medical Officer of Health that can be shared with a Ministry of the Environment Drinking Water Inspector if requested.

If you need help on how to locate the source and remedy the problem, you can find information in a resource guide called *A Manual for Operators of Schools, Private Schools and Day Nurseries with Excess Lead in their Drinking Water* on the ministry's Drinking Water Ontario website under Lead and Drinking Water at: www.ontario.ca/drinkingwater or by contacting the ministry's Public Information Centre at 1-800-565-4923 or picemail@moe.ontario.ca.

Where there is an exceedance in a re-sample test result, am I required to share this test result with the local Medical Officer of Health, the ministry's Spills Action Centre and, where applicable, the Ministry of Education or the Ministry of Children and Youth Services?

The local Medical Officer of Health will advise you on whether it is necessary to share re-sample test results with their offices or with other ministries or individuals. You are required under the regulation to take any corrective actions directed by the local Medical Officer of Health, which may include submitting re-sample test results.

If not directed by the local Medical Officer of Health, there is no requirement under the regulation for you to share a re-sampling test result showing an exceedance with the ministry's Spills Action Centre, the Ministry of Education or the Ministry of Children and Youth Services. This requirement is only applicable to your original annual sample test results should an exceedance occur. The Ministry of the Environment's Drinking Water Inspector and the local Medical Officer of Health will likely request copies of the re-sample test results from you to confirm that your facility's drinking water samples meet the provincial drinking water quality standard for lead.

If you are required to conduct a re-sample as a result of a Provincial Order, you are obligated by section 9 of O. Reg. 243/07 to keep a record of the test result for six years (two years on site at the facility) and to make the test result available to a provincial officer, such as a Drinking Water Inspector, if requested. (See "Step 5: Information and retaining records" for more details.)

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Step 5: Information and retaining records

Information to be available to the public on site

The operator of a school, private school or day nursery must ensure that the following information is available to the public during normal business hours without charge at the school, private school or day nursery:

1. A copy of every record made within the past two years in relation to flushing and sample collection;

2. A copy of every test result for samples taken as an annual sample under the regulation or an Order over the past two years;

3. A copy of every test result from a sample under the regulation indicating an exceedance of any standard prescribed by Schedule 2 of the Ontario Drinking-Water Quality Standards (O. Reg. 169/03 made under the Safe Drinking Water Act, 2002) over the past two years; and

4. A copy of Ontario Regulation 243/07 (Schools, Private Schools and Day Nurseries).

Records

The operator of a school, private school or day nursery must also ensure that the following original documents and other records are kept for at least six years:

1. Every record made in relation to flushing and sample collection;

2. Every test result for samples taken under the regulation, including Notice of Reduced Lead Sampling, or an Order; and

3. Every test result from a sample under the regulation indicating an exceedance of an Ontario Drinking Water Quality Standard.

D: Who to contact for more information

If you have additional questions or would like further information about drinking water, please contact the ministry's Public Information Centre at: 1-800-565-4923 or visit the Drinking Water Ontario website at www.ontario.ca/drinkingwater.

You can also sign up for drinking water updates by email to drinking.water@ontario.ca and request that you be added to the mailing list.

Questions and Answers About Information and Retaining Records

What is an Order?

Under the Safe Drinking Water Act, 2002, a Provincial Officer may issue an Order to anyone that the Provincial Officer may reasonably believe is contravening or has contravened a provision of the Act or its related regulations (e.g., O. Reg. 243/07). The order would include information such as the specific provision of the Act or regulation that the Provincial Officer believes is being contravened and the actions the operator must take to comply with the order within a specified timeframe.

When would an operator need to provide information records to the ministry?

A Provincial Officer may, at any time, request a copy of a document or record required to be prepared and kept under O. Reg. 243/07. If a Provincial Officer makes a request to see a document or record, the operator of the school, private school or day nursery must provide this document or record within a specified timeframe.

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Notes

Notes

Ontario Ministry of the Environment

Registration and Laboratory Services Notification

Schools, Private Schools and Day Nurseries (O. Reg. 243/07)

Instructions for ALL FACILITIES

School/Private School/Day Nursery Operators must complete and submit this form to the Ministry prior to submitting drinking water samples to your contracted licensed laboratory for testing. This form must be re-submitted within 10 days of any change to the information provided on the form as per subsection 5(6) of O. Reg. 243/07.

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's Drinking Water Ontario website at www.ontario.ca/drinkingwater

Form Submission Information (please check all that apply)

- ☐ **This is my first submission**
- ☐ **I wish to update my facility information**
- ☐ **I wish to notify the Ministry that I am changing licensed laboratories for my drinking water testing**
- ☐ **I wish to notify the Ministry that I am adding another laboratory for my drinking water testing**

Section 1: Schools, Private Schools and Day Nurseries Information

Name of School/Day Nursery

Type

☐ School ☐ Private School ☐ Day Nursery

SFIS No. _____ *(if known)* SFIS No. _____ *(if known)* License No. _____

Interested Authority

☐ Ministry of Education ☐ Ministry of Children and Youth Services ☐ Other

Drinking Water Information System (DWIS) No. (MOE Number if previously applied for)

Location of School/Day Nursery

Unit No.	Street No.	Street Name	PO Box

Rural Route	Lot/Part/Block/Section	Concession/Plan

City/Town/Municipality	Province	Postal Code

Contact Information

Last Name	First Name

Position

Telephone No. *(including area code)*	Ext.	Fax No. *(including area code)*

Email Address

Additional Information *(Use this space if you wish to add any additional information)*

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Section 2: School/Day Nursery Operator Information *(if different than Section 1)*

Legal Name of School/Day Nursery Operator (i.e. school board/private school or individual/corporation who holds the licence for the day nursery)

Operator Contact Name

Unit No.	Street No.	Street Name	PO Box

Rural Route	Lot/Part/Block/Section	Concession/Plan

City/Town/Municipality	Province	Postal Code

Business Telephone No. *(including area code)*	Ext.	Fax No. *(including area code)*

Email Address

Section 3: Co-location Information *(if applicable)*

"Co-located Facilities":

Facilities are "co-located" if more than one school, private school, or day nursery is served by the same plumbing. The facilities may be either located in one building (structure) or located in different buildings within one property.

My School/ Private School/ Day Nursery is co-located with another O. Reg. 243/07 facility, as listed below.

Facility Name	Facility DWIS #	Check below if applicable
		☐ Yes, we are sharing lead sample results
Facility Name (if more than one)	Facility DWIS #	
		☐ Yes, we are sharing lead sample results
Facility Name (if more than two)	Facility DWIS #	
		☐ Yes, we are sharing lead sample results

If more facilities are co-located with your School /Day Nursery, please fill out as many Section 3 of the form as needed and attach additional sheets.

Section 4: Identification of Licensed Laboratory and Lead Testing

Subsection 5 (5) of O. Reg. 243/07 requires the identification of any contracted licensed laboratory(s) hired to perform lead testing.

The listing of licensed laboratories can be found on: http://www.ontario.ca/drinkingwater/271380.pdf

Please check one of the following:

☐ **The facility (identified in section 1) will be sampling as required by O.Reg.243/07 and will be using the laboratory identified below for lead testing**

☐ **The facility (identified in section 1) will be sampling as required by O.Reg.243/07 and will be sharing samples with the co-located facility/facilities as indicated in section 3 of this form and will be using the laboratory identified below for lead testing**

☐ **The facility (identified in section 1) does not perform its own sampling because it is sharing sample results with the co-located facility indicated in section 3 of this form.**

Failure to notify the parties in accordance with the Regulation and/or submission of false information constitutes an offence.

Name/Contact Information of Licensed Laboratory Performing Lead Testing
(Your licensed laboratory can assist with completing this section of the form)

Laboratory Name			Licence Number
Unit No.	Street No.	Street Name	PO Box
City/Town/Municipality		Province	Postal Code

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 Last Name	First Name	Middle Initial
Signature	Date *(yyyy/mm/dd)*	Telephone No. *(including area code)*

Collection of information on this form by staff of the Drinking Water Management Division on behalf of the Ministry of the Environment is in accordance with the *Safe Drinking Water Act, 2002* (SDWA) and its regulations. The collection, use and dissemination of this information are governed by the *Freedom of Information and Protection of Privacy Act* (FOIPPA). The information gathered herein will be used for the purpose of registration and compliance and may be used for secondary purposes including reporting, investigating and law enforcement under the SDWA and its regulations. Information on this form, including personal information, may be disclosed to other government agencies including municipalities, public health unit employees and the Ministry of Health and Long Term Care pursuant to section 42 of FOIPPA for the consistent purpose of administering programs related to drinking water safety. For questions and concerns, please contact the Ministry of the Environment at 1 866 793-2588.

Ontario Tap Water

O. Reg. 243/07 Sampling Record

GENERAL INFORMATION	School	Private School	Day Nursery
Type of Facility:			
Name of School Board:			
Name of Facility:			
Ministry of Education School SFIS Number:			
Day Nursery License Number:			
Earliest date plumbing was installed:			
Drinking Water System Name (if known):			
Name of Principal/Contact Person:			
Mailing Address:			
E-mail Address:			
Telephone No:			
Fax No:			

ANNUAL SAMPLING/TESTING								
Date Sample Taken (DD/MMM/YYYY)	Sampling Location (e.g. which floor, wing, tap)	Estimate of Standing Period before 1st sample was taken (hh:mm)	Time First Sample Taken (hh:mm)	Time Second Sample Taken (hh:mm)	Name of Person Sampling	Date Sample Results Received (DD/MMM/YYYY)	First Sample Results (µg/L)	Second Sample Results (µg/L)

Ontario Tap Water

O. Reg. 243/07 Flushing Record

GENERAL INFORMATION	School	Private School	Day Nursery
Type of facility:			
Name of School Board:			
Name of Facility:			
Ministry of Education School SFIS Number:			
Day Nursery License Number:			
Earliest date plumbing was installed:			
Drinking Water System Name (if known):			
Name of Principal/Contact Person:			
Mailing Address:			
E-mail Address:			
Telephone No:			
Fax No:			

FLUSHING					
	5 - Minute Flush		*10 - Second Flush*		
Date (DD/MMM/YYYY)	Time Flushing Started	Time Flushing Ended	Time Completed	Flushing Location (e.g. floor, wing, tap, fountain)	Name of Person Flushing

FLUSHING					
	5 - Minute Flush		*10 - Second Flush*		
Date (DD/MMM/YYYY)	**Time Flushing Started**	**Time Flushing Ended**	**Time Completed**	**Flushing Location (e.g. floor, wing, tap, fountain)**	**Name of Person Flushing**

Mahoney, James (ENE)

From: Mahoney, James (ENE)
Sent: July 03, 2012 9:31 AM
To: 'Lee Goodwin'
Cc: 'Beadle, Sherry'; Mitchell, Steven (EDU); Kathryn Downey (Ottawa Public Health); deBarros, Carol (ENE)
Subject: Ashbury College Drinking Water System, 362 Mariposa Avenue, Ottawa - 2012-2013 Ministry of the Environment Inspection
Attachments: Ashbury College 2012-2013 Drinking Water Inspection.pdf

Mr. Lee Goodwin,
Facilities Management & Engineer

Please find attached an electronic copy of the report documenting findings of a compliance assessment performed on Ashbury Collge.

The Ministry of the Environment continues to circulate its drinking water system inspection reports in an electronic format as opposed to traditional hard-copy mail outs. This step has been taken to minimize environmental impact associated with our documentation of inspection findings. In addition, many clients have indicated a preference for receiving electronic copies of our inspection reports since they provide greater flexibility in records storage and information sharing.

Thank you for the assistance provided in the conduct of my evaluation.

Please respond to this e-mail to confirm your receipt of the inspection report.

Should you have any questions please do not hesitate to call me.

James Mahoney
Supervisor
Ministry of the Environment
Safe Drinking Water Branch
Kingston-Ottawa-Cornwall Offices
Phone: (613) 548-6902
Email: james.mahoney@ontario.ca

2012/07/03

Mahoney, James (ENE)

From: postmaster@ontario.ca

Sent: July 03, 2012 9:32 AM

To: Mahoney, James (ENE)

Subject: Relayed: Ashbury College Drinking Water System, 362 Mariposa Avenue, Ottawa - 2012-2013 Ministry of the Environment Inspection

Attachments: ATT7073746.txt; ATT7073747.txt

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:

Lee Goodwin

Subject: Ashbury College Drinking Water System, 362 Mariposa Avenue, Ottawa - 2012-2013 Ministry of the Environment Inspection

---

Sent by Microsoft Exchange Server 2007

2012/07/03

Mahoney, James (ENE)

From: postmaster@ontario.ca

Sent: July 03, 2012 9:32 AM

To: Mahoney, James (ENE)

Subject: Relayed: Ashbury College Drinking Water System, 362 Mariposa Avenue, Ottawa - 2012-2013 Ministry of the Environment Inspection

Attachments: ATT7073733.txt; ATT7073734.txt

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:

Kathryn Downey (Ottawa Public Health)

Beadle, Sherry

Subject: Ashbury College Drinking Water System, 362 Mariposa Avenue, Ottawa - 2012-2013 Ministry of the Environment Inspection

---

Sent by Microsoft Exchange Server 2007

2012/07/03

Mahoney, James (ENE)

From: System Administrator
To: deBarros, Carol (ENE)
Sent: July 03, 2012 9:32 AM
Subject: Delivered: Ashbury College Drinking Water System, 362 Mariposa Avenue, Ottawa - 2012-2013 Ministry of the Environment Inspection

Your message

To: 'Lee Goodwin'
Cc: 'Beadle, Sherry'; Mitchell, Steven (EDU); Kathryn Downey (Ottawa Public Health); deBarros, Carol (ENE)
Subject: Ashbury College Drinking Water System, 362 Mariposa Avenue, Ottawa - 2012-2013 Ministry of the Environment Inspection
Sent: 2012/07/03 9:31 AM

was delivered to the following recipient(s):

deBarros, Carol (ENE) on 2012/07/03 9:31 AM

Mahoney, James (ENE)

From: System Administrator
To: Mitchell, Steven (EDU)
Sent: July 03, 2012 9:32 AM
Subject: Delivered: Ashbury College Drinking Water System, 362 Mariposa Avenue, Ottawa - 2012-2013 Ministry of the Environment Inspection

Your message

To: 'Lee Goodwin'
Cc: 'Beadle, Sherry'; Mitchell, Steven (EDU); Kathryn Downey (Ottawa Public Health); deBarros, Carol (ENE)
Subject: Ashbury College Drinking Water System, 362 Mariposa Avenue, Ottawa - 2012-2013 Ministry of the Environment Inspection
Sent: 2012/07/03 9:31 AM

was delivered to the following recipient(s):

Mitchell, Steven (EDU) on 2012/07/03 9:32 AM

Mahoney, James (ENE)

From: Mitchell, Steven (EDU)
To: Mahoney, James (ENE)
Sent: July 03, 2012 9:32 AM
Subject: Read: Ashbury College Drinking Water System, 362 Mariposa Avenue, Ottawa - 2012-2013 Ministry of the Environment Inspection

Your message

To:	'Lee Goodwin'
Cc:	'Beadle, Sherry'; Mitchell, Steven (EDU); Kathryn Downey (Ottawa Public Health); deBarros, Carol (ENE)
Subject:	Ashbury College Drinking Water System, 362 Mariposa Avenue, Ottawa - 2012-2013 Ministry of the Environment Inspection
Sent:	2012/07/03 9:31 AM

was read on 2012/07/03 9:32 AM.

Mahoney, James (ENE)

From: Lee Goodwin [lgoodwin@ashbury.ca]
To: Mahoney, James (ENE)
Sent: July 03, 2012 9:42 AM
Subject: Read: Ashbury College Drinking Water System, 362 Mariposa Avenue, Ottawa - 2012-2013 Ministry of the Environment Inspection

Your message

To: lgoodwin@ashbury.ca
Subject:

was read on 2012/07/03 9:42 AM.

Mahoney, James (ENE)

From: lgoodwin@ashbury.ca
Sent: July 03, 2012 9:42 AM
To: Mahoney, James (ENE)
Subject: Delivered: Ashbury College Drinking Water System, 362 Mariposa Avenue, Ottawa - 2012-2013 Ministry of the Environment Inspection

Attachments: ATT7077760.txt



ATT7077760.txt
(151 B)

Your message was delivered to the recipient.
Sent from my BlackBerry device on the Rogers Wireless Network

R243 Ashbury College
DWS # 500125932
Lwis # 1-9ZD6N
Inspected Sep 18, 2008 1-6MTQL

http://www.ashbury.ca
- established in 1891
- boys & girls grades 4 to 12
- a World IB school
- avg class size 17
- university placement rate of 100%
- Rockcliffe Park (Mariposa Ave)
- current enrollment 170 boys & girls in the Junior School and 515 young men and women in the Senior School (100 of which are in boarding)
- 12 acre campus
- Junior School closing June 14, 2012 for summer (Grades 4-8)
- Senior School closing June 16, 2012 for summer (Grades 9-12)
- programs do continue through summer
- MacLaren Hall (seats 500), theatre (seats 200) gymnasium, Heather Gillin Residence (50), Ashbury Residence (50), chapel, all can be leased

- WIRE 128 report generated on April 19, 2012 documents six test results (3 standing and 3 flushed) collect on Oct 26, 2010

- Kitchen	Standing	1.0 mg/L	F	1.0 mg/L
- Junior EØ1	standing	1.0 mg/L	F	1.0 mg/L
- Boys	standing	1.0 mg/L	F	1.0 mg/L

- in addition to the three sets of lead test results in DWIS (2010), Facilities Management & Engineer Lee Goodwin supplied on June 14, 2012, a report of Analysis from Exova Accutest
  - sample date August 10, 2009
  - two sets of standing & flushed sample results
  - Kitchen / Prep - Standing 0.001 mg/L (1 ug/L)
    - Flushed 0.002 mg/L (2 ug/L)
  - Junior / EOL - standing <0.001 mg/L (<1 ug/L)
    - flushed 0.001 mg/L (1 ug/L)

- on June 26, 2012, Lee Goodwin emailed another certificate of analysis from Exova documenting result of lead testing on June 4, 2012
  - Kitchen - standing <0.001 mg/L (<1 ug/L) / F <1 ug/L
  - Junior EOL - Standing <0.001 mg/L (<1 ug/L) / F <1 ug/L
  - Boys - standing <0.001 mg/L (<1 ug/L) / F <1 ug/L
  - Girls - standing <0.001 mg/L (<1 ug/L) / F <1 ug/L

- not possible, based only on Certificates of Analysis to identify who collected the sample or the elapsed time between standing and flushed sample collection

- Lee Goodwin emailed information supplied on June 14, 2012 included flushing logs for April 16, 2012 through June 11, 2012
  - records cite 32 pre-printed flush locations
  - the time (assumed start but no finish time) for 26 of the 32 locations - presumably 10 sec flushes
  - the start and stop time for 6 of the 32 locations (at least 5 minutes) - consistently concluded by 7:20 am
  - flushing log entries document weekly frequency
    - Monday April 16 /12
    - Monday April 23 /12
    - Monday April 30 /12
    - Monday May 7 /12
    - Monday May 14 /12
    - Tuesday May 22 /12 (Mon May 21st was Victoria Day)
    - Tuesday May 29th /12
    - Monday June 4th /12
    - Monday June 11th /12
  - log also identifies person who performed the flushing activities (print and initials/signature)

- completed questionnaire provided by Lee Goodwin in the June 14, 2012 email package cite's building construction as ranging between 1910 & 2010; records retained for 5 years; samples are collected by the facilities Manager with records maintained in the Operations Office

Chain of Custody form for 2012 samples indicates the following length of time between standing and flushed sample collections

- Kitchen 37min
- Junior EOL 37min
- Boys 37min
- Girls 38min

} slightly exceeds the 30 to 35 minute time frame directed within Sect 5(2)(8)

-assistant's name is Doug Parsons

Ashbury College Telephone Contact
Lee Goodwin, Facilities Management & Engineer
Thursday June 28, 2012 10am (613) 749-9630 ext 230

① Please describe the proceedure followed when performing weekly flushing?

- start at end of line (Junior School & Kitchen) 5 to 6 minutes
- 1/2 hour after 5 minute flushes are accomplished, Mr Goodwin's assistant Mr. Parsons undertakes the 10 second flushes at 26 locations
- some sensitivity over conduct of flushing activities at female residence but the function is being carried out

② Please describe the process followed when collecting lead samples?

- standing water collected, wait amount of time necessary prior to collection of flushed sample
- I did point out that in 2012 sampling, approx 38 minutes passed between standing and flushed samples whereas O. Reg 243/07 dictates a 30 to 35 minute wait time. Mr. Goodwin indicated that in future, the sample collections may be initated earlier in the morning to facilitate uninterupted sample collections

③ Has a Notice of Reduced Lead Sampling Frequency been provided to the ministry citing eligibility to collect lead samples every three years?
- Mr. Goodwin is going to search his records. He believes that a Notice was supplied to the ministry in approx 2009 and he may have received confirmation of receipt by the ministry
- I indicated that I would again include another form with the inspection report for use in the event one hadn't been submitted previously

④ What records are maintained for access by the public?
- flushing logs (Y)/N
- sample submission / chain-of-custody (Y)/N
- sample test results (Y)/N
- copy of O. Reg 243/07 (Y)/N

- 4 years of log entries are maintained in a binder as well as chain-of-custody and sample results from the laboratory, along with a copy of O. Reg 243/07
- 2 more years of records will be archived at a separate building but accessible should they be called for to satisfy the complete 6 years of records
- Mr. Goodwin indicated that approx $0.5 million spend over the past few years in plumbing and service connection upgrades - that water and our quality is taken very seriously at the facility
- a mix of older and newer buildings poses plumbing challenges

⑤ How long are records retained and where are they available?

- 4 years records retained in a binder in the Operations Office with an additional two years archived at a second building on the college's grounds but reasonably quickly retrievable

From: Lee Goodwin
To: Mahoney, James (ENE)
Subject: RE: Request to Schedule a Telephone Interview Regarding Flushing and Testing for Lead - Ashbury College
Date: June 14, 2012 7:44:28 PM
Attachments: Sampling Records.pdf
Interview Notification Form.pdf
Flushing Records.pdf

James

Please see attached forms.

Have a great weekend

Lee

Lee Goodwin
Facilities Management & Engineer
Ashbury College
362 Mariposa Avenue
Ottawa, Ontario Canada K1M 0T3
Phone: 613-749-9630 x 230
Fax: + 1 613-749-9724
Email: lgoodwin@ashbury.ca
Web: www.ashbury.ca

Character. Commitment. Achievement

From: Mahoney, James (ENE) [mailto:James.Mahoney@ontario.ca]
Sent: Tuesday, May 22, 2012 5:16 PM
To: Lee Goodwin
Subject: Request to Schedule a Telephone Interview Regarding Flushing and Testing for Lead - Ashbury College

Lee Goodwin,
Facility Management

Registration information on record for Ashbury College (drinking water system no. 500125932) cites you as being the operational contact.

Ontario Regulation 243/07, made under the *Safe Drinking Water Act*, directs regular flushing of plumbing and the collection of samples as means of reducing children's exposure to lead in drinking water. Flushing has been demonstrated to reduce lead levels in water at taps or fountains while regular testing measures the potential presence of lead in drinking water against the provincial drinking

water quality standard.

To promote awareness and compliance with Ontario Regulation 243/07, the ministry undertakes a number of assessment activities including field inspections, surveys, and telephone-based evaluations.

I am writing to schedule a telephone-based evaluation that is likely to take less than one half hour to complete. To maximize the efficiency and accuracy of this undertaking, I ask that you complete the attached questionnaire entitled "R243_07 Phone Audit Info Request" and to return the document, along with identified supporting documents, to me by either fax to (613) 540-6876 or email to james.mahoney@ontario.ca by no later than June 15, 2012.

The questionnaire's opening query asks that you please provide a date and time that would be most convenient for you to be contacted by phone for an interview of less than one half hour in duration.

Included in this email package are documents that you, as an operator of a school, private school, or day nursery, may find of value as resource material.

If you are not the person who should be cited as the operational contact for the drinking water system, please pass this package along to the appropriate individual and advise me who that individual is.

Should you have any questions, please do not hesitate to contact me.

Yours truly,

Jim Mahoney
Supervisor
Ministry of the Environment
Safe Drinking Water Branch
Kingston-Ottawa-Cornwall Offices
Phone: (613) 548-6902
Fax: (613) 540-6876
Email: james.mahoney@ontario.ca

Client: R243 ASHBURY COLLEGE (886297)
362 Mariposa Ave.
Ottawa, ON
K1M 0T3
Attention: Mr. Lee Goodwin
Facility #: 500125932
INVOICE: Ashbury College
Chain of Custody Number: 124718

Report Number: 1026248
Date: 2010-10-28
Date Submitted: 2010-10-25

Project:

P.O. Number:
Matrix: Supply Water

	LAB ID:	839753	839754	839755	839756	839757	GUIDELINE		
	Sample Date:	2010-10-26	2010-10-26	2010-10-26	2010-10-26	2010-10-26	MOE REG. 243/07		
	Sample ID:	Kitchen 001	Kitchen 002	Junior E01 003	Junior E01 004	Boys 005			
PARAMETER	UNITS	MRL	STANDING	FLUSHED	STANDING	FLUSHED	STANDING	TYPE	LIMIT	UNITS
Lead	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	MAC	0.010	mg/L

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration
Comment:

APPROVAL: _____
Ewan McRobbie
Inorganic Lab Supervisor

Methods references and/or additional QA/QC information available on request.

Results relate only to the parameters tested on the samples submitted.

Client: R243 ASHBURY COLLEGE (886297)
362 Mariposa Ave.
Ottawa, ON
K1M 0T3
Attention: Mr. Lee Goodwin
Facility #: 500125932
INVOICE: Ashbury College
Chain of Custody Number: 124718

Report Number: 1026248
Date: 2010-10-28
Date Submitted: 2010-10-25

Project:

P.O. Number:
Matrix: Supply Water

			LAB ID:	839758					**GUIDELINE**
			Sample Date:	2010-10-26					MOE REG. 243/07
			Sample ID:	Boys 006					
PARAMETER	**UNITS**	**MRL**	FLUSHED					**TYPE**	**LIMIT**	**UNITS**
Lead	mg/L	0.001	<0.001					MAC	0.010	mg/L

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration

Comment:

APPROVAL: _____
Ewan McRobbie
Inorganic Lab Supervisor

Methods references and/or additional QA/QC information available on request.

000308

Results relate only to the parameters tested on the samples submitted.

EXOVA ACCUTEST

REPORT OF ANALYSIS

Exova Accutest

Client: R243 ASHBURY COLLEGE (886297)
362 Mariposa Ave.
Ottawa, ON
K1M 0T3
Attention: Mr. Lee Goodwin

Report Number: 2919188
Date: 2009-08-13
Date Submitted: 2009-08-10
Project:

INVOICE: Ashbury College
Chain of Custody Number: 104464

P.O. Number: Cash
Matrix: Supply Water

			LAB ID:	735264	735265	735266	735267		**GUIDELINE**
			Sample Date:	2009-08-10	2009-08-10	2009-08-10	2009-08-10		
			Sample ID:	Kit/Prep/T0-1	Kit/Prep/T35-2	Jun/EOL/T0-3	Jun/EOL/T35-4		MOE REG. 243/07
PARAMETER	**UNITS**	**MRL**		STANDING	FLUSHED	STANDING	FLUSHED		**TYPE** / **LIMIT** / **UNITS**
Lead	mg/L	0.001		0.001	0.002	<0.001	0.001		MAC / 0.010 / mg/L

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration

Comment:

APPROVAL:
Ewan McRobbie
Inorganic Lab Supervisor

000309

Results relate only to the parameters tested on the samples submitted.

Ontario

Ministry of the Environment
Safe Drinking Water Branch
Kingston District Office

June 12, 2012

To: Lee Goodwin, Facility Management	
Phone: **(613) 749-5954**	**Email:** lgoodwin@ashbury.ca

From: Jim Mahoney, Supervisor		
Phone: **(613) 548-6902**	**Fax:** **(613) 540-6876**	**Email:** james.mahoney@ontario.ca

RE: Information to be Supplied to the Ministry Prior to a Scheduled Telephone Interview Regarding Flushing and Testing for Lead in Drinking Water at *Ashbury College*

This notification is being provided for the purpose of scheduling a telephone-based interview and to gather information necessary to complete that interview.

In order to facilitate an efficient and thorough evaluation please complete the following questionnaire and fax or email it along with the below-cited supporting documents to the undersigned evaluator by June 15, 2012.

A.	**Scheduling of Telephone Based Interview**
A.1.	Please supply a date and time that would be most convenient for you to be contacted by phone for an interview of less than one half hour in duration. DATE: June 29, 2012 TIME: 0900 - 1200
B.	**Background Information**
B.1.	If known, what is the date of the building's construction? RESPONSE: 1910 - 2010

B.2.	Is this facility co-located with another school, private school, or day nursery? YES: ☐ NO: X If applicable, what are the names of all other co-located schools, private schools, or day nurseries situated within the building? RESPONSE 1: _____ RESPONSE 2: _____ RESPONSE 3: _____
B.3.	How frequently is plumbing flushed? DAILY: ☐ WEEKLY: X
B.4.	How is flushing accomplished? MANUALLY: X AUTOMATED: ☐
B.5.	Where are flushing and lead sampling records maintained? RESPONSE: Operations Office
B.6.	For how long (i.e. how many years) are flushing and lead sampling records maintained? RESPONSE: 5 years
B.7.	What process is in place to ensure that flushing and lead sampling records are made available to the public? RESPONSE: _____
B.8.	Who collects the required lead samples? RESPONSE: Facility Manager
C.	**Supporting Documents to be Faxed or Emailed to the Ministry by June 15, 2012.**
C.1.	Flushing records / logs for the preceding two (2) calendar months.
C.2.	Sampling records / logs for the two (2) most recently collected sets of samples (where each "set" consists of a standing and a flushed sample).

Should you need to contact me prior to the inspection, I may be reached at (613) 548-6902.

Yours truly,



Jim Mahoney
Evaluator/Provincial Officer, Badge # 582
Phone: (613) 548-6902
Fax: (613) 540-6876
Email: james.mahoney@ontario.ca

9 - 04 - 12.

LOCATION	Date	Time	Employee Print	Employee Signature
Senior w/c female sink		630		
Junior w/c female sink		631		
Female Staff w/c sink		632		
Main Hallway fountain		634		
Main Entrance Visitor w/c sink		635		
Main Entrance Visitor w/c sink		636		
Senior School w/c female sink		638		
Senior School w/c male sink		639		
Senior School w/c handicap sink		640		
Upper Argyle fountain		641		
Junior School Pod fountain		643		
Junior School w/c sink		644		
Junior School w/c staff sink		645		
Lower Argyle fountain		646		
Lower Argyle w/c sink		647		
Male staff w/c 2nd floor sink		648		
Female staff w/c 2nd floor sink		650		
Handicap 2nd floor w/c sink		651		
Rear 84 Gym fountain		652		
Hallway by Music Dept. fountain		653		
Lower 84 Gym fountain		654		
Male Staff w/c basement sink		656		
Junior locker room w/c male sink		658		
Senior locker room w/c male sink		655		
Visitor w/c male staff room sink		700		
Visitor w/c female staff room sink		701		
Male Boarding flats 2nd floor sink new	09/04/12	601/607 am	Thee Goodwin	
Male boarding flats 3rd floor sink new	09/04/12	610/615 am	Thee Goodwin	
Female Boarding flats 1st floor end of line	09/04/12	702/708 am	Thee Goodwin	
Female boarding flats 2nd floor end of line	09/04/12	705/711 am	Thee Goodwin	
Kitchen End of Line	09/04/12	515/521 am	Thee Goodwin	
Junior School End of Line	09/04/12	526/533 am	Thee Goodwin	

16 - 04 - 12.

LOCATION	Date	Time	Employee Print	Employee Signature
Senior w/c female sink		623		
Junior w/c female sink		624		
Female Staff w/c sink		626		
Main Hallway fountain		628		
Main Entrance Visitor w/c sink		629		
Main Entrance Visitor w/c sink		630		
Senior School w/c female sink		632		
Senior School w/c male sink		633		
Senior School w/c handicap sink		634		
Upper Argyle fountain		635		
Junior School Pod fountain		637		
Junior School w/c sink		638		
Junior School w/c staff sink		639		
Lower Argyle fountain		640		
Lower Argyle w/c sink		641		
Male staff w/c 2nd floor sink		643		
Female staff w/c 2nd floor sink		644		
Handicap 2nd floor w/c sink		645		
Rear 84 Gym fountain		646		
Hallway by Music Dept. fountain		649		
Lower 84 Gym fountain		648		
Male Staff w/c basement sink		650		
Junior locker room w/c male sink		652		
Senior locker room w/c male sink		654		
Visitor w/c male staff room sink		654		
Visitor w/c female staff room sink		655		
Male Boarding flats 2nd floor sink	16/04/12	600/605 am	Lee Goodwin	
Male boarding flats 3rd floor sink	16/04/12	607/613 am	Lee Goodwin	
Female Boarding flats 1st floor end of line	16/04/12	707/712 am	Lee Goodwin	
Female boarding flats 2nd floor end of line	16/04/12	709/715 am	Lee Goodwin	
Kitchen End of Line	16/04/12	510/515 am	Lee Goodwin	
Junior School End of Line	16/04/12	520/525 am	Lee Goodwin	

23 - 04 - 12.

LOCATION	Date	Time	Employee Print	Employee Signature
Senior w/c female sink		630		
Junior w/c female sink		631		
Female Staff w/c sink		633		
Main Hallway fountain		634		
Main Entrance Visitor w/c sink		635		
Main Entrance Visitor w/c sink		636		
Senior School w/c female sink		638		
Senior School w/c male sink		639		
Senior School w/c handicap sink		640		
Upper Argyle fountain		641		
Junior School Pod fountain		643		
Junior School w/c sink		644		
Junior School w/c staff sink		645		
Lower Argyle fountain		647		
Lower Argyle w/c sink		648		
Male staff w/c 2nd floor sink		650		
Female staff w/c 2nd floor sink		651		
Handicap 2nd floor w/c sink		652		
Rear 84 Gym fountain		653		
Hallway by Music Dept. fountain		654		
Lower 84 Gym fountain		655		
Male Staff w/c basement sink		656		
Junior locker room w/c male sink		658		
Senior locker room w/c male sink		700		
Visitor w/c male staff room sink		655		
Visitor w/c female staff room sink		703		
Male Boarding flats 2nd floor sink new	23/04/12	615/620 am	Lee Goodwin	
Male boarding flats 3rd floor sink new	23/04/12	617/625 am	Lee Goodwin	
Female Boarding flats 1st floor end of line	23/04/12	701/706 am	Lee Goodwin	
Female boarding flats 2nd floor end of line	23/04/12	703/710 am	Lee Goodwin	
Kitchen End of Line	23/04/12	545/550 am	Lee Goodwin	
Junior School End of Line	23/04/12	553/558 am	Lee Goodwin	

30 - 04 - 12

LOCATION	Date	Time	Employee Print	Employee Signature
Senior w/c female sink		627		
Junior w/c female sink		628		
Female Staff w/c sink		630		
Main Hallway fountain		632		
Main Entrance Visitor w/c sink		633		
Main Entrance Visitor w/c sink		634		
Senior School w/c female sink		636		
Senior School w/c male sink		637		
Senior School w/c handicap sink		638		
Upper Argyle fountain		639		
Junior School Pod fountain		641		
Junior School w/c sink		642		
Junior School w/c staff sink		643		
Lower Argyle fountain		644		
Lower Argyle w/c sink		645		
Male staff w/c 2nd floor sink		647		
Female staff w/c 2nd floor sink		648		
Handicap 2nd floor w/c sink		649		
Rear 84 Gym fountain		650		
Hallway by Music Dept. fountain		651		
Lower 84 Gym fountain		652		
Male Staff w/c basement sink		654		
Junior locker room w/c male sink		656		
Senior locker room w/c male sink		653		
Visitor w/c male staff room sink		655		
Visitor w/c female staff room sink		700		
Male Boarding flats 2nd floor sink nw	30/04/12	610/615 m	hee Goodwin	
Male boarding flats 3rd floor sink new	30/04/12	617/623 m	hee Goodwin	
Female Boarding flats 1st floor end of line	30/04/12	701/707 m	hee Goodwin	
Female boarding flats 2nd floor end of line	30/04/12	703/710 m	hee Goodwin	
Kitchen End of Line	30/04/12	515/520 m	hee Goodwin	
Junior School End of Line	30/04/12	525/530 m	hee Goodwin	

7 - 05 - 12

LOCATION	Date	Time	Employee Print	Employee Signature
Senior w/c female sink		628		
Junior w/c female sink		629		
Female Staff w/c sink		631		
Main Hallway fountain		633		
Main Entrance Visitor w/c sink		634		
Main Entrance Visitor w/c sink		635		
Senior School w/c female sink		637		
Senior School w/c male sink		638		
Senior School w/c handicap sink		639		
Upper Argyle fountain		640		
Junior School Pod fountain		642		
Junior School w/c sink		643		
Junior School w/c staff sink		644		
Lower Argyle fountain		645		
Lower Argyle w/c sink		646		
Male staff w/c 2nd floor sink		648		
Female staff w/c 2nd floor sink		649		
Handicap 2nd floor w/c sink		650		
Rear 84 Gym fountain		651		
Hallway by Music Dept. fountain		652		
Lower 84 Gym fountain		653		
Male Staff w/c basement sink		656		
Junior locker room w/c male sink		657		
Senior locker room w/c male sink		658		
Visitor w/c male staff room sink		659		
Visitor w/c female staff room sink		700		
Male Boarding flats 2nd floor sink New	7/05/12	610/615 am	Lee Goodin	
Male boarding flats 3rd floor sink New	7/05/12	612/618 am	Lee Goodin	
Female Boarding flats 1st floor end of line	7/05/12	710/715 am	Lee Goodin	
Female boarding flats 2nd floor end of line	7/05/12	711/717 am	Lee Goodin	
Kitchen End of Line	7/05/12	530/535 am	Lee Goodin	
Junior School End of Line	7/05/12	533/540 am	Lee Goodin	

14 - 05 - 12

LOCATION	Date	Time	Employee Print	Employee Signature
Senior w/c female sink		626		
Junior w/c female sink		621		
Female Staff w/c sink		623		
Main Hallway fountain		625		
Main Entrance Visitor w/c sink		626		
Main Entrance Visitor w/c sink		627		
Senior School w/c female sink		629		
Senior School w/c male sink		~~630~~		
Senior School w/c handicap sink		631		
Upper Argyle fountain		632		
Junior School Pod fountain		634		
Junior School w/c sink		635		
Junior School w/c staff sink		636		
Lower Argyle fountain		638		
Lower Argyle w/c sink		639		
Male staff w/c 2nd floor sink		641		
Female staff w/c 2nd floor sink		642		
Handicap 2nd floor w/c sink		643		
Rear 84 Gym fountain		644		
Hallway by Music Dept. fountain		645		
Lower 84 Gym fountain		646		
Male Staff w/c basement sink		647		
Junior locker room w/c male sink		650		
Senior locker room w/c male sink		648		
Visitor w/c male staff room sink		652		
Visitor w/c female staff room sink		653		
Male Boarding flats 1nd floor sink new	14/05/12	617/623 am	Lee Goodwin	
Male boarding flats 3rd floor sink new	14/05/12	620/625 am	Lee Goodwin	
Female Boarding flats 1st floor end of line	14/05/12	710/717 am	Lee Goodwin	
Female boarding flats 2nd floor end of line	14/05/12	715/720 am	Lee Goodwin	
Kitchen End of Line	14/05/12	526/531 am	Lee Goodwin	
Junior School End of Line	14/05/12	530/537 am	Lee Goodwin	

22 - 05 - 12.

LOCATION	Date	Time	Employee Print	Employee Signature
Senior w/c female sink		635		
Junior w/c female sink		636		
Female Staff w/c sink		638		
Main Hallway fountain		639		
Main Entrance Visitor w/c sink		6H0		
Main Entrance Visitor w/c sink		6H1		
Senior School w/c female sink		6H2		
Senior School w/c male sink		6H3		
Senior School w/c handicap sink		6HH		
Upper Argyle fountain		6H5		
Junior School Pod fountain		6H7		
Junior School w/c sink		6H8		
Junior School w/c staff sink		6H9		
Lower Argyle fountain		650		
Lower Argyle w/c sink		651		
Male staff w/c 2nd floor sink		653		
Female staff w/c 2nd floor sink		65H		
Handicap 2nd floor w/c sink		655		
Rear 84 Gym fountain		656		
Hallway by Music Dept. fountain		657		
Lower 84 Gym fountain		659		
Male Staff w/c basement sink		701		
Junior locker room w/c male sink		658		
Senior locker room w/c male sink		707		
Visitor w/c male staff room sink		70H		
Visitor w/c female staff room sink		705		
Male Boarding flats 1nd floor sink	22/05/12	701/706 pm	Lee Goodwin	
Male boarding flats 2nd floor sink	22/05/12	703/710 pm	Lee Goodwin	
Female Boarding flats 1st floor end of line	22/05/12	715/720 pm	Lee Goodwin	
Female boarding flats 2nd floor end of line	22/05/12	718/724 pm	Lee Goodwin	
Kitchen End of Line	22/05/12	526/533 pm	Lee Goodwin	
Junior School End of Line	22/05/12	540/545 pm	Lee Goodwin	

29 - 05 - 12.

LOCATION	Date	Time	Employee Print	Employee Signature
Senior w/c female sink		620		
Junior w/c female sink		621		
Female Staff w/c sink		623		
Main Hallway fountain		626		
Main Entrance Visitor w/c sink		629		
Main Entrance Visitor w/c sink		629		
Senior School w/c female sink		629		
Senior School w/c male sink		630		
Senior School w/c handicap sink		631		
Upper Argyle fountain		632.		
Junior School Pod fountain		634		
Junior School w/c sink		635		
Junior School w/c staff sink		636		
Lower Argyle fountain		637		
Lower Argyle w/c sink		638		
Male staff w/c 2nd floor sink		640		
Female staff w/c 2nd floor sink		641		
Handicap 2nd floor w/c sink		642.		
Rear 84 Gym fountain		643		
Hallway by Music Dept. fountain		644		
Lower 84 Gym fountain		645		
Male Staff w/c basement sink		646		
Junior locker room w/c male sink		649.		
Senior locker room w/c male sink		647		
Visitor w/c male staff room sink		651		
Visitor w/c female staff room sink		652.		
Male Boarding flats 2nd floor sink	29/05/2012	700/705	Lee Goodwin	
Male boarding flats 3rd floor sink	29/05/2012	703/708	Lee Goodwin	
Female Boarding flats 1st floor end of line	29/05/2012	715/720	Lee Goodwin	
Female boarding flats 2nd floor end of line	29/05/2012	716/725	Lee Goodwin	
Kitchen End of Line	29/05/2012	533/540	Lee Goodwin	
Junior School End of Line	29/05/2012	536/544	Lee Goodwin	

04/06/2012

LOCATION	Date	Time	Employee Print	Employee Signature
			Lee Goodwin	
Senior w/c female sink	04/06/12	551 am	Lee Goodwin	
Junior w/c female sink	04-06-12	553 am	Lee Goodwin	
Female Staff w/c sink	04-06-12	556 am	Lee Goodwin	
Main Hallway fountain	04-06-12	557 am	Lee Goodwin	
Main Entrance Visitor w/c sink	04-06-12	559 am	Lee Goodwin	
Main Entrance Visitor w/c sink	04-06-12	601 am	Lee Goodwin	
Senior School w/c female sink	04-06-12	604 am	Lee Goodwin	
Senior School w/c male sink	04-06-12	606 am	Lee Goodwin	
Senior School w/c handicap sink	04-06-12	607 am	Lee Goodwin	
Upper Argyle fountain	04-06-12	609 am	Lee Goodwin	
Junior School Pod fountain	04-06-12	611 am	Lee Goodwin	
Junior School w/c sink	04-06-12	612 am	Lee Goodwin	
Junior School w/c staff sink	04-06-12	613 am	Lee Goodwin	
Lower Argyle fountain	04-06-12	617 am	Lee Goodwin	
Lower Argyle w/c sink	04-06-12	618 am	Lee Goodwin	
Male staff w/c 2nd floor sink	04-06-12	622 am	Lee Goodwin	
Female staff w/c 2nd floor sink	04-06-12	623 am	Lee Goodwin	
Handicap 2nd floor w/c sink	04-06-12	624 am	Lee Goodwin	
Rear 84 Gym fountain	04-06-12	626 am	Lee Goodwin	
Hallway by Music Dept. fountain	04-06-12	627 am	Lee Goodwin	
Lower 84 Gym fountain	04-06-12	628 am	Lee Goodwin	
Male Staff w/c basement sink	04-06-12	630 am	Lee Goodwin	
Junior locker room w/c male sink	04-06-12	632 am	Lee Goodwin	
Senior locker room w/c male sink	04-06-12	633 am	Lee Goodwin	
Visitor w/c male staff room sink	04-06-12	634 am	Lee Goodwin	
Visitor w/c female staff room sink	04-06-12	635 am	Lee Goodwin	
Male Boarding flats 2nd floor sink	04-06-12	645/650 am	Lee Goodwin	
Male boarding flats 3rd floor sink	04-06-12	647/653 am	Lee Goodwin	
Female Boarding flats 1st floor end of line	04-06-12	706/711 am	Lee Goodwin	
Female boarding flats 2nd floor end of line	04-06-12	709/715 am	Lee Goodwin	
Kitchen End of Line	04-06-12	535/540 am	Lee Goodwin	
Junior School End of Line	04-06-12	543/548 am	Lee Goodwin	

11-06-12.

LOCATION	Date	Time	Employee Print	Employee Signature
Senior w/c female sink		632		
Junior w/c female sink		633		
Female Staff w/c sink		635		
Main Hallway fountain		637		
Main Entrance Visitor w/c sink		638		
Main Entrance Visitor w/c sink		639		
Senior School w/c female sink		641		
Senior School w/c male sink		642		
Senior School w/c handicap sink		643		
Upper Argyle fountain		644		
Junior School Pod fountain		646		
Junior School w/c sink		647		
Junior School w/c staff sink		648		
Lower Argyle fountain		650		
Lower Argyle w/c sink		651		
Male staff w/c 2nd floor sink		653		
Female staff w/c 2nd floor sink		654		
Handicap 2nd floor w/c sink		655		
Rear 84 Gym fountain		656		
Hallway by Music Dept. fountain		657		
Lower 84 Gym fountain		658		
Male Staff w/c basement sink		700		
Junior locker room w/c male sink		702		
Senior locker room w/c male sink		651		
Visitor w/c male staff room sink		704		
Visitor w/c female staff room sink		705		
Male Boarding flats 2nd floor sink	11/06/12	610/615am	Lee Woodman	
Male boarding flats 3rd floor sink	11/06/12	617/625am	Lee Woodman	
Female Boarding flats 1st floor end of line	11/06/12	701/706am	Lee Woodman	
Female boarding flats 2nd floor end of line	11/06/12	703/710am	Lee Woodman	
Kitchen End of Line	11/06/12	530/535am	Lee Woodman	
Junior School End of Line	11/06/12	533/540am	Lee Woodman	

Mahoney, James (ENE)

From: Lee Goodwin [lgoodwin@ashbury.ca]
Sent: June 26, 2012 10:27 AM
To: Mahoney, James (ENE)
Subject: RE: Request to Shift Date of our Planned Telephone Conversation from Friday at 10 am to Thursday at 10 am
Attachments: Chain of custody 2012.PDF; Lead tes

James

10 am will be fine, I can be reached at 613-749-9 :he direct line, as well please see attached 2012 sampling if required.

Thanks
Lee

Lee Goodwin
Facilities Management & Engineer
Ashbury College
362 Mariposa Avenue
Ottawa, Ontario Canada K1M 0T3
Phone: 613-749-9630 x 230
Fax: + 1 613-749-9724
Email: lgoodwin@ashbury.ca
Web: www.ashbury.ca

Character. Commitment. Achievement

From: Mahoney, James (ENE) [mailto:James.Mahoney@ontario.ca]
Sent: Monday, June 25, 2012 2:46 PM
To: Lee Goodwin
Subject: Request to Shift Date of our Planned Telephone Conversation from Friday at 10 am to Thursday at 10 am

Lee ...

Unfortunately, I must now be in Pembroke on Friday.

Would you be available on Thursday this week at 10 am to conclude the drinking water file review? My call to you at (613) 749-5954 would take less than ½ hour to complete.

Jim Mahoney
Supervisor
Ministry of the Environment
Safe Drinking Water Branch
Kingston-Ottawa-Cornwall Offices
Phone: (613) 548-6902
Email: james.mahoney@ontario.ca

2012/06/26

CHAIN OF CUSTODY

160217

☐ 146 Colonnade Rd., Unit 8, Ottawa, ON K2E 7Y1, Ph: (613) 727-5692 Fax: (613) 727-5222

☐ 608 Norris Court, Kingston, ON K7P 2R9, Ph: (613) 634-9307 Fax: (613) 634-9308

☐ 380 Vansickle Rd., Unit 630, St. Catharines, ON L2R 6P7, Ph: (905) 680-8887 Fax: (905) 680-4256

LABORATORY USE ONLY
Report #: 121476

Company Name: Ashbury College
Report Attention: Lee Goodwin
Phone: 613-749-9630 Ext: 230
* Waterworks Name:

Address: 362 Mariposa Avenue
City/Prov: Ottawa Postal Code: K1M 0T3 Ontario
Project #: * Quotation #:
* Waterworks Number: 500125932

☐ Fax Results to:
☑ E-mail Results to: lgoodwin@ashbury.ca
☐ Copy of Results to:
☐ *The sample results from this submission will form part of a formal record of site condition (RSC) under O. Reg. 153/04*

Invoice to:
(if different from above)

SAMPLE ANALYSIS REQUIRED

Sample ID	* Date/Time Collected	Sample Matrix (i.e. Water, Soil, Paint)	* MOE/MOH Reportable? Y = Yes N = No	# of Containers	** Service Required R=Rush S=Standard	Lead								Criteria Required (i.e. Reg. 153, CCME, PWQO etc.) Indicate sub-categories if appropriate	Laboratory Identification
Kitchen 001	04/06/12 - 0525	W	Y	1	S	✓								243/07	96244
Kitchen 002	04/06/12 - 0602	W	Y	1	S	✓								243/07	45
Junior EOL 003	04/06/12 - 0530	W	Y	1	S	✓								243/07	46
Junior EOL 004	04/06/12 - 0607	W	Y	1	S	✓								243/07	47
Boys 005	04/06/12 - 0613	W	Y	1	S	✓								243/07	48
Boys 006	04/06/12 - 0650	W	Y	1	S	✓								243/07	49
Girls 007	04/06/12 - 0620	W	Y	1	S	✓								243/07	50
Girls 008	04/06/12 - 0658	W	Y	1	S	✓								243/07	51

Notes:

Sampled By: Print: Lee Goodwin Sig:
Work Authorized By (signature): Print: Sig:
Date/Time: 04/06/12
Date/Time:

Relinquished By: Print: Sig:
Received By Lab: Print: Sig:
Date/Time: 4/6/12 955

Comments:

Cooler Temp (°C) on Receipt: 2 | 0

* Indicates a required field. If not complete, analysis will proceed only on verification of missing information. A quotation number is required, if one was provided.
** There may be surcharges applied to "Rush" service. Please check with lab prior to submission of samples for rush analysis to confirm availability and pricing.

000327

AFCOCR 2

Copies: White - Laboratory, Yellow - With Report, Pink - Sampler

EXOVA OTTAWA

Certificate of Analysis

Exova

Client:	R243 ASHBURY COLLEGE (886297) 362 Mariposa Ave. Ottawa, ON K1M 0T3	Report Number:	1211476
Attention:	Mr. Lee Goodwin	Date Submitted:	2012-06-04
PO#:		Date Reported:	2012-06-15
Invoice to:	Ashbury College	Project:	
		COC #:	160217
		Waterworks/Facility:	500125932

Dear Lee Goodwin:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

APPROVAL: Lorna Wilson 2012.06.15 11:26:45 -04'00'

Lorna Wilson
Inorganic Laboratory Supervisor

Exova (Ottawa) is certified and accredited for specific parameters by:
CALA, Canadian Association for Laboratory Accreditation (to ISO 17025), OMAF, Ontario Ministry of Agriculture, Food and Rural Affairs(for farm soils), Licensed by Ontario MOE for specific tests in drinking water.

Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only.

EXOVA OTTAWA

Certificate of Analysis

Exova

Client: R243 ASHBURY COLLEGE (886297)
362 Mariposa Ave.
Ottawa, ON
K1M 0T3
Attention: Mr. Lee Goodwin
PO#:
Invoice to: Ashbury College

Report Number: 1211476
Date Submitted: 2012-06-04
Date Reported: 2012-06-15
Project:
COC #: 160217
Waterworks/Facility: 500125932

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	962944 Supply Water STANDING 2012-06-04 Kitchen 001	962945 Supply Water FLUSHED 2012-06-04 Kitchen 002	962946 Supply Water STANDING 2012-06-04 Junior EOL 003	962947 Supply Water FLUSHED 2012-06-04 Junior EOL 004
Metals	Pb	0.001	mg/L	MAC-0.010		<0.001	<0.001	<0.001	<0.001

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	962948 Supply Water STANDING 2012-06-04 Boys 005	962949 Supply Water FLUSHED 2012-06-04 Boys 006	962950 Supply Water STANDING 2012-06-04 Girls 007	962951 Supply Water FLUSHED 2012-06-04 Girls 008
Metals	Pb	0.001	mg/L	MAC-0.010		<0.001	<0.001	<0.001	<0.001

Guideline = MOE REG. 243/07 *** = Guideline Exceedence**

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective.

000330

Sent: Tuesday, May 22, 2012 5:16 PM
To: Lee Goodwin
Subject: Request to Schedule a Telephone Interview Regarding Flushing and Testing for Lead - Ashbury College

Lee Goodwin,
Facility Management

Registration information on record for Ashbury College (drinking water system no. 500125932) cites you as being the operational contact.

Ontario Regulation 243/07, made under the *Safe Drinking Water Act*, directs regular flushing of plumbing and the collection of samples as means of reducing children's exposure to lead in drinking water. Flushing has been demonstrated to reduce lead levels in water at taps or fountains while regular testing measures the potential presence of lead in drinking water against the provincial drinking water quality standard.

To promote awareness and compliance with Ontario Regulation 243/07, the ministry undertakes a number of assessment activities including field inspections, surveys, and telephone-based evaluations.

I am writing to schedule a telephone-based evaluation that is likely to take less than one half hour to complete. To maximize the efficiency and accuracy of this undertaking, I ask that you complete the attached questionnaire entitled "R243_07 Phone Audit Info Request" and to return the document, along with identified supporting documents, to me by either fax to (613) 540-6876 or email to james.mahoney@ontario.ca by no later than June 15, 2012.

The questionnaire's opening query asks that you please provide a date and time that would be most convenient for you to be contacted by phone for an interview of less than one half hour in duration.

Included in this email package are documents that you, as an operator of a school, private school, or day nursery, may find of value as resource material.

If you are not the person who should be cited as the operational contact for the drinking water system, please pass this package along to the appropriate individual and advise me who that individual is.

Should you have any questions, please do not hesitate to contact me.

Yours truly,

Jim Mahoney
Supervisor
Ministry of the Environment
Safe Drinking Water Branch
Kingston-Ottawa-Cornwall Offices
Phone: (613) 548-6902
Fax: (613) 540-6876
Email: james.mahoney@ontario.ca

Mahoney, James (ENE)

From: Mahoney, James (ENE)
Sent: June 15, 2012 8:14 AM
To: 'Lee Goodwin'
Subject: RE: Request to Schedule a Telephone Interview Regarding Flushing and Testing for Lead - Ashbury College

Lee ...

Thank you for your submission. If I give you a phone call at 10 am on Friday June 29th would you be available for a brief (well under ½ hour) phone-based interview focused on sampling, flushing and records retention of drinking water records?

Jim Mahoney
Supervisor
Ministry of the Environment
Safe Drinking Water Branch
Kingston-Ottawa-Cornwall Offices
Phone: (613) 548-6902
Email: james.mahoney@ontario.ca

From: Lee Goodwin [mailto:lgoodwin@ashbury.ca]
Sent: June 14, 2012 7:44 PM
To: Mahoney, James (ENE)
Subject: RE: Request to Schedule a Telephone Interview Regarding Flushing and Testing for Lead - Ashbury College

James

Please see attached forms.

Have a great weekend

Lee

Lee Goodwin
Facilities Management & Engineer
Ashbury College
362 Mariposa Avenue
Ottawa, Ontario Canada K1M 0T3
Phone: 613-749-9630 x 230
Fax: + 1 613-749-9724
Email: lgoodwin@ashbury.ca
Web: www.ashbury.ca

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From: Mahoney, James (ENE) [mailto:James.Mahoney@ontario.ca]

Ontario

Ministry of the Environment

R243 ASHBURY COLLEGE (886297)

Drinking Water System Inspection Report

DWS Number:	500125932
Inspection Number:	1-6MTQL
Date of Inspection:	Sep 18, 2008
Inspected By:	Taran Beaty

OWNER INFORMATION:

Company Name:	ASHBURY COLLEGE		
Street Number:	362	**Unit Identifier:**	
Street Name:	MARIPOSA Ave		
City:	OTTAWA		
Province:	ON	**Postal Code:**	K1M 0T3

CONTACT INFORMATION

Type:	Main Contact	**Name:**	Lee Goodwin
Phone:	(613) 749-9630 x230	**Fax:**	
Email:	lgoodwin@ashbury.ca		
Title:	Facilities Manager		

INSPECTION DETAILS:

DWS Name:	R243 ASHBURY COLLEGE (886297)
DWS Address:	362 MARIPOSA AVE OTTAWA K1M 0T3
County/District:	Ottawa
MOE District/Area Office:	Ottawa District
Health Unit:	CITY OF OTTAWA HEALTH DEPARTMENT
Conservation Authority	N/A
MNR Office:	N/A
DWS Category:	Designated Facility
DWS Number:	500125932
Inspection Type:	Announced
Inspection Number:	1-6MTQL
Date of Inspection:	Sep 18, 2008
Date of Previous Inspection:	

DRINKING WATER SYSTEM COMPONENTS DESCRIPTION

Site (Name): Ashbury College
Type: Other **Sub Type:**
Comments:

Ashbury College is a private school regulated under Ontario Regulation 243/07 (Schools, Private Schools and Day Nurseries) made under the Safe Drinking Water Act, 2002 (SDWA).

The school occupies numerous buildings on a property in Rockliffe Park, Ontario, and is served by municipal drinking water. The main campus building was originally constructed in 1910, with many additions and renovations since then. The girls' residence was built in 1999, and has an independent connection to the water main.

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.**

DISTRIBUTION SYSTEM

* **All or part of the plumbing that serves the building that houses the facility was installed before January 1, 1990.**

  At the time of the inspection, the Facilities Manager for Ashbury College, Mr. Lee Goodwin, explained that Ashbury College contains various buildings housing staff, students, and classrooms. Of these, only two are currently used by students. The main campus building, over 300,000 square feet and containing most of the classrooms and the boys' residence, was extensively renovated in 2004 and received a new connection to the water main at that time, but still contains some plumbing from before 1990. The girl's residence was newly constructed, including the service line to the water main, in 1999. A new boy's residence, currenty being constructed, is expected to be completed in 2009.

* **Flushing of the plumbing was conducted for all or part of the inspection period.**

  Prior to the inspection, on June 27 and September 17, 2008, Mr. Goodwin faxed copies of flushing records to the ministry, which indicate that the plumbing in the main campus is being flushed daily.

* **The plumbing was flushed at the start of each day at the required time.**

  At the time of the inspection, Mr. Goodwin indicated that daily flushing is performed around 5:35 AM by him and his assistant, Mr. Doug Parsons, to ensure that it is completed before 6:00 AM, because the boys' residence is located within the main campus building.

* **Daily flushing of the plumbing was not conducted in accordance with the procedure outlined in section 4(3) of O.Reg. 243/07.**

  Mr. Goodwin indicated that he flushes a tap at either end of the facility for 6 to 7 minutes each morning. After this, Mr. Parsons flushes seven fountains, which are listed by location in the flushing records, for 10 to 20 seconds.

  However, at the time of the inspection, cold-water taps in washrooms in the main campus (which includes the boys' residence) were not being flushed in the morning. Mr. Goodwin indicated that he will add these taps to the morning flushing procedure.

  It is not practicable to flush taps in the girls' residence prior to 6:00 AM, because these taps are located within the girls' private residential area. Because this building's plumbing was installed in 2005, the ministry recommends that these taps be flushed at least weekly, following the procedure in section 3(3) of O. Reg. 243/07, at a time when they can be reached without disturbing the boarding students.

* **Records of the date, time and name of the person who performed and/or verified the daily flushing were not complete.**

  The flushing records sent to the ministry consist of daily checkmarks indicating the seven fountain locations, but there is no record of the full name of the person flushing, or the time when the flushing was performed, as required by section 4(4) of O. Reg. 243/07. There are no records of the end-of-branch flushes performed by Mr. Goodwin each morning.

  The ministry recommended that a new flushing record form be created, which contains a description the daily flushing procedure, and records the time the procedure starts and ends on each day.

WATER QUALITY MONITORING

* **Annual lead samples were taken at this facility.**

  Prior to the inspection, on September 18, 2008, Mr. Goodwin e-mailed to the ministry a report from Paracel Laboratories, Ltd., Ottawa, ON, which is licensed by the Ministry of the Environment to test drinking water samples for lead. The report contains results of lead tests performed on samples which were taken on August 14, 2008, from two locations in Ashbury College. Lead concentrations in all the samples were found to be below the Ontario Drinking Water Quality Standard for lead of 10 µg / Litre.

  At the time of the inspection, Mr. Goodwin indicated that samples were also taken on October 5, 2007 within the girls' residence, and tested for lead.

* **Annual lead sampling at this facility was conducted in accordance with section 5(2) of O.Reg. 243/07.**

  Mr. Goodwin indicated that he followed guidance materials sent by the ministry to Ashbury College, when taking the samples. Four samples were taken on August 14, 2008: a "standing" and a "flushed" sample from both the kitchen prep sink and an end-of-line tap in the Junior School. Mr. Goodwin explained that Paracel Laboratories provided him with 12 x 500 ml bottles, and that he took each sample by filling three of the bottles consecutively, which is acceptable under section 5(2) of O. Reg. 243/07.

  Mr. Goodwin indicated that the school was operating summer programs until the end of July, 2008, and that he chose to take samples on August 14, 2008, to ensure that the water in the plumbing had been standing unused for as long as possible.

* **Sampling records were not made of the date, time, standing period estimate, location, and the name of the person who took each sample.**

  Mr. Goodwin sent to the ministry a copy of the Chain of Custody form which he submitted to Paracel Laboratory along with the sample. This form contains the date, time and location of each sample, however there is no record made of the name of the person who took the samples, nor of how long the water was standing unused in the plumbing prior to taking the first sample.

  The ministry recommends recording this information in a blank form created by the ministry, and available on the ministry's website at www.ontario.ca/drinkingwater.

* **Samples collected from this facility were handled in accordance with laboratory instructions.**

  At the time of the inspection, Mr. Goodwin indicated that Paracel Laboratories provided a cooler for returning the samples, which he used, and a detailed sheet of instructions for taking samples, which he followed. Furthermore, he is familiar with the laboratories instructions on handling and shipping samples, because the laboratory performs soil and water testing related to the ongoing construction projects at Ashbury College.

* **The operator did not ensure that a Laboratory Services Notification that identified the laboratory which conducted the testing for lead was submitted to the Ministry.**

  Mr. Goodwin did send a Laboratory Services Notification (LSN) form to the ministry on August 11, 2008, prior to taking the samples for 2008. However, the form he submitted was designed for systems regulated by O. Reg. 170/03 (Drinking Water Systems). The ministry instructed Mr. Goodwin to submit an LSN form designed for Schools, Private Schools, and Day Nurseries, which are regulated by O. Reg. 243/07, and sent a link to the form on the ministry's website.

* **Required documents were available without charge during normal business hours at the facility.**

  Mr. Goodwin indicated that all documents are kept at the facility and available to the public during normal business hours.

WATER QUALITY MONITORING

* **The operator indicated that records of flushing and testing will be kept for at least six (6) 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. **Daily flushing of the plumbing was not conducted in accordance with the procedure outlined in section 4(3) of O.Reg. 243/07.**

   Cold-water taps in washrooms in the main campus were not being flushed in the morning.

   Action(s) Required:
   Effective immediately, Ashbury College shall ensure all cold-water taps in commonly used washrooms are flushed daily, following the procedure described in section 4(3) of O. Reg. 243/07.

2. **Records of the date, time and name of the person who performed and/or verified the daily flushing were not complete.**

   There is no record of the full name of the person flushing, or the time when the flushing was performed, as required by section 4(4) of O. Reg. 243/07. There are no records of the end-of-branch flushes performed by Mr. Goodwin each morning.

   Action(s) Required:
   Effective immediately, Ashbury College shall maintain records of the date and time of every flushing required by the regulation, and the name of the person who performed the flushing, as required by section 4(4) of O. Reg. 243/07.

   Within five (5) days of receiving this report, Ashbury College shall send copies of recent flushing records, which demonstrate flushing in accordance with O. Reg. 243/07, to: Taran Beaty, Inspector, Ministry of the Environment, Safe Drinking Water Branch, 2 St. Clair Ave. W - 19th Floor, Toronto, ON M4V 1L5; fax: 416-212-7576; taran.beaty@ontario.ca.

3. **Sampling records were not made of the date, time, standing period estimate, location, and the name of the person who took each sample.**

   There is no record made of the name of the person who took the samples, or of how long the water was standing unused in the plumbing prior to taking the first sample.

   Section 5(2) par. 12 of O. Reg. 243/07 requires that a record is made of: the date and time when, and the location where, the samples were taken; the name of the person who took the samples; and an estimate of the standing period before the first sample was taken.

   Action(s) Required:
   Effectively immediately, Ashbury College maintain records of samples, in accordance with section 5(2) par 12 of O. Reg. 243/07.

   Within five (5) days of receiving this report, Ashbury College shall send copies of sampling records to: Taran Beaty, Inspector, Ministry of the Environment, Safe Drinking Water Branch, 2 St. Clair Ave. W - 19th Floor, Toronto, ON M4V 1L5; fax: 416-212-7576; taran.beaty@ontario.ca.

4. **The operator did not ensure that a Laboratory Services Notification that identified the laboratory which conducted the testing for lead was submitted to the Ministry.**

   The appropriate LSN was not submitted prior to samples being tested, contrary to section 5(5) of O. Reg. 243/07.

   Action(s) Required:
   No further action is required. On September 30th, 2008, Mr. Goodwin e-mailed to the ministry a copy of the LSN form for O. Reg. 243/07, and indicated that he had sent it to the ministry's Drinking Water Programs Branch on September 22, 2008. The form indicated that Ashbury College will use Paracel Laboratories, Ottawa, ON, which is licensed by the ministry to test drinking water samples for lead.

SIGNATURES

Inspected By: Signature: (Provincial Officer):

Taran Beaty

Reviewed & Approved By: Signature: (Supervisor):

Natalie Boyd

Review & Approval Date: 14/10/2008 (dd/mm/yyyy)

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.

021 - Drinking Water System Dossier for 500125932

as of 17-APR-2012

Drinking Water System Profile Information

DWS #	500125932
Registration Date (yyyy/mm/dd)	2007/09/07
DWS Expiry Date (yyyy/mm/dd)	
MOE Assigned Name	R243 Ashbury College (886297)
Category	R243PRIV
Regulation Short Name	O.REG 243/07
DWS Type	-
Source Type	-
Address	362 Mariposa Avenue, Ottawa, Ontario, Canada, K1M 0T3
Region	Eastern Region
District	Ottawa District
Municipality	Ottawa
Public Health Unit	City Of Ottawa Health Department

DWS OPERATIONAL INFORMATION

Concession Plan Number	
Lot	
Geographic Township	
Population:	0
Number of Private Residences:	0
Number of Service Connections:	0
Rated Daily Capacity (L/S)	0
Number of DFs Served:	1
LSN Compliance Status:	*Complete LSN*
Date of Last Sample (as per DWIS)	*26 October, 2010*
24/7 Contact	Lee Goodwin, Facility Management
24/7 Contact Info	p: (613)7495954, f: (613)7499724, e: igoodwin@ashbury.ca, c: - , pg: -

DWS OWNER INFORMATION

Owner Legal Name	Ashbury College
Owner Business Name	Ashbury College
Owner Address	362 Mariposa Ave ,Ottawa,Ontario,K1M 0T3
Owner Contact	Lee Goodwin, Facility Management
Owner Contact Info	p: (613)7495954, f: (613)7499724, e: igoodwin@ashbury.ca
Owner Alternate Contact	
Owner Alternate Contact Info	

DWS OPERATING AUTHORITY INFORMATION

Op. Authority Legal Name	Ashbury College
Op. Authority Business Name	Ashbury College
Op. Authority Address	362 Mariposa Ave ,Ottawa,Ontario,K1M 0T3
Op. Authority Contact	Lee Goodwin, Facility Management
Op. Authority Contact Info	p: (613)7495954, f: (613)7499724, e: igoodwin@ashbury.ca
Op. Authority Alternate Contact	
Op. Authority Alternate Contact Info	

WLIS PROFILE INFORMATION

Municipal DWS ID	
Municipal DWS Name	n/a
Municipal DWS Owner ID	

021 - Drinking Water System Dossier for 500125932

as of 17-APR-2012

Designated Facility (Count: 1)

DF Name	DF Type	Interested Authority Name	DF Address
Ashbury College	School	Unknown Interested Authority	362 Mariposa Avenue , Ottawa, Ontario, K1M 0T3

DWIS Components

PLUMBING - FLUSHED

DWIS Component Name	GUDI Flag	Seasonal Flag	Treatment Process	Primary Treatment Flag	Secondary Treatment Flag
PLUMBING - FLUSHED:R243 ASHBURY COLLEGE (886297)					

PLUMBING - STANDING

DWIS Component Name	GUDI Flag	Seasonal Flag	Treatment Process	Primary Treatment Flag	Secondary Treatment Flag
PLUMBING - STANDING:R243 ASHBURY COLLEGE (886297)					

LWIS Components

LWIS Component Name	Station ID Number	Latitude	Longitude	UTM Zone	UTM_Easting	UTM Northing	Component Address	Comments 1
Ashbury College								Ashbury College is a private school regulated under Ontario Regulation 243/07 (Schools, Private Schools and Day Nurseries) made under the Safe Drinking Water Act, 2002 (SDWA). The school occupies numerous buildings on a property in Rockliffe Park, Ontario, and is served by municipal drinking water. The main campus building was originally constructed in 1910, with many additions and renovations since then. The girls' residence was built in 1999, and has an independent connection to the water main.

Non-AWQI Incidents (includes current FY and 5 previous FY)

Date of Incident	Incident Report #	Incident Summary	Incident Type	Incident File Status
2008/10/27	1-7FBNY	O. Reg. 243/07 inspection non-compliance	Inspection Non-Compliance	Incident Closed

Inspection(s) Records (includes current FY and 5 previous FY)

Inspection Date	Date Inspection Completed	Inspection Fiscal Year	Inspection File Status	Field Inspection Type	Inspection Type	Pesticide Sampling Indicator	Number of Violations	Number of Confirmed Deficiencies	Inspection Report #	Final Inspection Rating
2008/09/18	2008/09/30	2007-2008	Inspection File Closed	Focused	Announced	No	4	0	1-6MTQL	60.00%

Laboratory Service Notification (LSN) Information

Inorganic Chemical

O. Reg. 170 Parameter Name	LSN Effective Date	Lab Name
Lead	2009-08-05	Exova Canada [2306] - Ottawa

Ontario

Ministry of the Environment

R243 ASHBURY COLLEGE (886297)

Drinking Water System Inspection Worksheet

DWS Number:	500125932
Inspection Number:	1-9ZD6N
Inspector:	MOE KINGSTON DISTRICT

OWNER INFORMATION:

Company Name:	ASHBURY COLLEGE		
Street Number:	362	**Unit Identifier:**	
Street Name:	MARIPOSA Ave		
County/District:			
District/Area Office:			
City:	OTTAWA		
Province:	ON	**Postal Code:**	K1M 0T3

CONTACT INFORMATION

INSPECTION DETAILS:

DWS Name:	R243 ASHBURY COLLEGE (886297)
DWS Category:	
DWS Number:	500125932
Inspection Type:	Announced
Inspection Number:	1-9ZD6N
Date of Previous Inspection:	

DWS COMPONENTS DESCRIPTION

Name:	Ashbury College		
Type:	Other	**Sub Type:**	

Comments:

Ashbury College is a private school regulated under Ontario Regulation 243/07 (Schools, Private Schools and Day Nurseries) made under the Safe Drinking Water Act, 2002 (SDWA).

The school occupies numerous buildings on a property in Rockliffe Park, Ontario, and is served by municipal drinking water. The main campus building was originally constructed in 1910, with many additions and renovations since then. The girls' residence was built in 1999, and has an independent connection to the water main.

INSPECTION QUESTIONS

10 INTRODUCTION

Question Id 800,000 **Protocol Code** INT8 **Provision Info** Info
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Would you like a report introduction?

Complied: YES / NO

Comments:

70 DISTRIBUTION SYSTEM

Question Id 800,102 **Protocol Code** LEAD12 **Provision Info** O.Reg. 243/07 5(6)
OR 172/03 Reference N **Pre-Inspection Question** N

Question: When necessary, has the operator notified the Ministry of any changes to the facility profile and/or laboratory information provided in the Laboratory Services Notification (LSN) form?

Complied: YES / NO

Comments:

Question Id 800,501 **Protocol Code** LEAD51 **Provision Info** Info
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Is this facility co-located with another school, private school, or day nursery?

Complied: YES / NO

Comments:

Question Id 801,501 **Protocol Code** LEAD 151 **Provision Info** Info
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Is this facility eligible to flush the plumbing on a weekly basis?

Complied: YES / NO

Comments:

Question Id 801,550 **Protocol Code** LEAD175 **Provision Info** O.Reg. 243/07 5.1
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Is flushing and/or sampling being performed in accordance with the conditions in this facility's Director's Direction?

Complied: YES / NO

Comments:

Question Id 803,001 **Protocol Code** LEAD301 **Provision Info** O.Reg. 243/07 3(2)&(2.1)
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Has the operator ensured that plumbing is flushed at the start of each week at the required time?

Complied: YES / NO

Comments:

Question Id 804,000 **Protocol Code** LEAD400 **Provision Info** O.Reg. 243/07 3(3)
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Has the procedure for flushing been done in accordance with the requirements of section 3(3) of O. Reg. 243/07?

Complied: YES / NO

Comments:

Question Id 805,001 **Protocol Code** LEAD501 **Provision Info** O.Reg. 243/07 3(4)&(5)
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Have records of manual or automatic flushing been maintained in accordance with sections 3(4) or 3(5) of O. Reg. 243/07?

Complied: YES / NO

Comments:

Question Id 806,001 **Protocol Code** LEAD601 **Provision Info** O.Reg. 243/07 4(2)&(2.1)
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Has the operator ensured that plumbing is flushed at the start of each day at the required time?

Complied: YES / NO

Comments:

Question Id 807,000 **Protocol Code** LEAD700 **Provision Info** O.Reg. 243/07 4(3)
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Has the procedure for flushing been done in accordance with the requirements of section 4(3) of O. Reg. 243/07?

Complied: YES / NO

Comments:

Question Id 808,001 **Protocol Code** LEAD801 **Provision Info** O.Reg. 243/07 4(4)&(5)
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Have records of manual or automatic flushing been maintained in accordance with sections 4(4) or 4(5) of O. Reg. 243/07?

Complied: YES / NO

Comments:

120 CONSUMER RELATIONS

Question Id 814,001 **Protocol Code** LEAD1401 **Provision Info** O.Reg. 243/07 8
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Has the operator of the facility ensured 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?

Complied: YES / NO

Comments:

140 WATER QUALITY MONITORING

Question Id 809,003 **Protocol Code** LEAD903 **Provision Info** O.Reg. 243/07 5(2.1)&5.1
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Was the lead sampling and testing frequency completed in accordance with O. Reg. 243/07 5.1 & 5(2.1)?

Complied: YES / NO

Comments:

Question Id 810,002 **Protocol Code** LEAD1002 **Provision Info** O.Reg. 243/07 5(2)2.1-5.2
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Was the lead sampling and testing performed in accordance with the procedure outlined in section 5(2) paragraphs 2.1 to 5.2 of O. Reg. 243/07?

Complied: YES / NO

Comments:

Question Id 810,500 **Protocol Code** LEAD1050 **Provision Info** O.Reg. 243/07 5(2)12
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Have sampling records been made of the date, time, standing period estimate, location, and the name of the person who took each sample?

Complied: YES / NO

Comments:

Question Id 810,751 **Protocol Code** LEAD1076 **Provision Info** O.Reg. 243/07 5(2)5.3
OR 172/03 Reference N **Pre-Inspection Question** N

Question: If the facility is co-located and a single set of samples are taken, was the sampling and reporting of test results performed in accordance with O. Reg. 243/07 5(2)5.3?

Complied: YES / NO

Comments:

Question Id 815,000 **Protocol Code** LEAD1500 **Provision Info** O.Reg. 243/07 9(1)
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Has 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?

Complied: YES / NO

Comments:

160 REPORTING & CORRECTIVE ACTIONS

Question Id 812,501 **Protocol Code** LEAD1251 **Provision Info** O.Reg. 243/07 6(6)
OR 172/03 Reference N **Pre-Inspection Question** N

Question: If sample results exceeded the standard for lead in O. Reg. 169/03, did the operator provide a copy of the Lead Exceedance Notification report to the appropriate parties within 24 hours?

Complied: YES / NO

Comments:

Question Id 813,500 **Protocol Code** LEAD1350 **Provision Info** O.Reg. 243/07 7(2)
OR 172/03 Reference N **Pre-Inspection Question** N

Question: Did the operator of the facility provide a written notice summarizing the actions taken and results achieved as directed by the Medical Officer of Health within seven days after the issue was resolved?

Complied: YES / NO

Comments:

170 OTHER INSPECTION FINDINGS

Question Id 815,500 **Protocol Code** LEAD1600 **Provision Info** BMP

OR 172/03 Reference N **Pre-Inspection Question** N

Question: Were the inspection questions sufficient to address other identified best practice issues?

Complied: YES / NO

Comments:

Ontario

Ministry of the Environment

INCIDENT REPORT

Reference Number:	3431-5RMHXU	**File Storage Number:**	SI OC RO MA 142
Module:	Incident Reporting	**Module Type:**	Other
Cross Reference:	(doc link)	**Task Link:**	4085-5RMJ2F
Originating Document:		**Created by:**	Mike Heeringa
Date Created:	2003/09/22	**Date Completed:**	2003/10/15
Bring Forward Date:		**Bring Forward Reason:**	
Status:	Closed - Abatement Response		
Program	Contaminated sites	**Activity:**	Records of Site Conditions Received

Is this an **air emission** (measured or modelled) or **wastewater** (sewage) **discharge exceedance** that will become part of the Environmental Compliance Report?

(legislation, certificate of approval, order, or guideline)

○ Yes ● No ○ To be determined *Click here for Guidance*

Caller or PO Information

Reported By:

First Name	**Last Name**
Shawn	Doherty

Name of Company: Trow Associates Inc.

Contact Mailing Address

Civic Address: 154 Colonnade Road South

Unit Identifier:

Delivery Designator:

Delivery Identifier:

Municipality:	**Postal Station:**	**Province/State:**	**Postal Code:**
Ottawa		Ontario	K2E 7J5
Telephone Number:	**Extension:**	**Other Number:**	**Email Address:**
(613)225-9940		(613)225-7337	ottawa@trow.com

Reported By:

MOE Information

Date & Time Reported to MOE:	2003/09/18 12:00		
Office Receiving Incident Report:	Ottawa District Office		
Incident Info Received By:	Mike Heeringa		
MOE Response:	Not Determined	**Site Region:**	Eastern
Date & Time of MOE Arrival at Scene:			
Master Incident Report Number:			
SAC Action Class:			
Non-Standard Procedure:	No		

ERP Call-out Initiated:

Client(s)

Client Details

Ashbury College Incorporated
Mailing Address: 362 Mariposa Avenue, Ottawa, Ontario, Canada, K1M 0T3
Physical Address: Concession: , Plan: , 362 Mariposa Avenue, Ottawa, City, Ontario, Canada, K1M 0T3
Telephone: (613)749-5954, FAX: (613)749-5954
Client #: 2182-5SBP3Y, Client Type: Corporation, NAICS: 61121

Site(s)

Site Details

Ashbury College
Address: Concession: , Plan: , 362 Mariposa Avenue, Ottawa, City, K1M 0T3
District Office: Ottawa
Site #: 2072-5SBPCU

Incident Information

Incident Summary:	Incomplete RSC submitted *cannot be longer than 60 characters*
Incident Description:	2003/09/18: Record of Site Condition submitted (Phase I only) 2003/09/22: RSC returned to owner, information incomplete. 2003/09/25: Consultant to EO by phone: Consultant requested clarification of items missing, will forward RSC completed in a few days. 2003/10/01: RSC re-submitted by consultant 2003/10/08: RSC reviewed, EO requested clarification from consultant for 'Site Ownership'. EO consulted with CAT, will not audit. EO to finalize RSC acknowledgement upon receipt of info. 2003/10/14: Submission completed, RSC acknowledged, no audit. Document and File.

Attachments, Links & Comments:

Date & Time of Incident	2003/09/22		
Source Type:		**Sector Type:**	
Nearest Watercourse:		**Watershed Category Code:**	
Environmental Impact:	Not Anticipated		
Nature of Impact:			
Incident Cause:		**Incident Reason:**	
Damaged Party:	No		

Contaminants Table

Contaminant Name	Code	UN#	Limit	Quantity	[units]	[freq]

Controller of Material:

Owner of Material:

Estimated Clean Up Cost:

Who Cleaned Up:

% Clean Up: %

Agencies Involved:

Voluntary / Mandatory Abatement

Is there Voluntary Abatement Activity?	Yes	No	To be determined

Voluntary / Mandatory Compliance Items

Type	Parent RefNo	Work Summary (may be truncated)	Date	AttainList

Offence(s)

Suspected Violation(s)/Offence(s):

Act - Regulation - Section,
Description
{General Offence}

Provincial Officer:

Name: Mike Heeringa
Badge No: 732

Work Unit:
District/Area Office: Ottawa District Office
Date: 2003/10/14

Signature:

Area Supervisor:

Name: Paul Kehoe

Work Unit:
District/Area Office: Ottawa District Office
Date: 2003/10/15

Signature:

Ontario

Ministry of the Environment

INCIDENT REPORT

Reference Number:	4326-73MJTP	**File Storage Number:**	SI OC OT MA 100
Module:	Incident Reporting	**Module Type:**	Spill
Cross Reference:	(doc link)	**Task Link:**	5150-73MK36
Originating Document:		**Created by:**	Kirsten Hambleton
Incident Report Reference Number:		4326-73MJTP	
Date Created:	2007/05/28	**Date Completed:**	2007/06/23
Bring Forward Date:		**Bring Forward Reason:**	
Status:	Closed		
Program	Waste - Hazardous & Liquid industrial	**Activity:**	Spills

Is this an **air emission** (measured or modelled) or **wastewater** (sewage) **discharge exceedance** that will become part of the Environmental Compliance Report?

(legislation, certificate of approval, order, or guideline)

○ Yes ● No ○ To be determined *Click here for Guidance*

Caller or PO Information

Reported By:

First Name	**Last Name**	**Name of Company:**
Henri	Thibeault	Waste Management

Contact Mailing Address

Civic Address: 236 Westbrook Road

Unit Identifier:

Delivery Designator:

Delivery Identifier:

Municipality:	**Postal Station:**	**Province/State:**	**Postal Code:**
Ottawa	Carp	Ontario	K0A 1L0
Telephone Number:	**Extension:**	**Other Number:**	**Email Address:**
(613)836-8568			

Reported By:

MOE Information

Date & Time Reported to MOE:	2007/05/28 08:51		
Office Receiving Incident Report:	Spills Action Centre		
Incident Info Received By:	Kirsten Hambleton		
MOE Response:	No Field Response	**Site Region:**	Eastern
Date & Time of MOE Arrival at Scene:			
Master Incident Report Number:			
SAC Action Class:	Land Spills		

Non-Standard Procedure: No

ERP Call-out Initiated: No

Client(s)

Client Details

Waste Management of Canada Corporation, Business/Facility Name: Ottawa Landfill Site
Mailing Address: 2301 Carp Rd, Rural Route, 3, Carp, Ontario, Canada, K0A 1L0
Physical Address: Concession: , Plan: , 2301 Carp Rd, Ottawa, City, Ontario, Canada, K0A 1L0
Telephone: (613)831-5363, Extension: 405, FAX: (613)831-8928, email: mwalters@wm.com
Client #: 7862-5X8S96, Client Type: Corporation

Site(s)

Site Details

Ashbury College
Address: Concession: , Plan: , 362 Mariposa Ave, Ottawa, City, K1M 0T3
District Office: Ottawa
Site #: 2072-5SBPCU

Incident Information

Incident Summary: Hydraulic oil to road/sewer. Burst line. Cleaning
cannot be longer than 60 characters

Incident Description: Caller reports that the hydraulic line burst on a truck, releasing approx 45 L of hydraulic oil to road and nearby sewer. Most was contained to the road but an estimated 20 L went to the sewer. PMW is on site cleaning the road and SewerMatic is pumping out the catch basin. Supervisor is Ian MacIntyre (613)371-1763 has (or will shortly) notified the city works.
09:11 Left briefing voicemail with MOE-OT

Tuesday, May 29, 2007: the spill was cleaned up and an emergency generator number was issued to collect the waste oily-water.

No further action required. Document and file.

Attachments, Links & Comments:

Date & Time of Incident **Incident Date Confirmation?** Actual
2007/05/28 08:10

Source Type: **Sector Type:**

Nearest Watercourse: **Watershed Category Code:**

Environmental Impact: Not Anticipated

Nature of Impact:

Incident Cause: Pipe Or Hose Leak **Incident Reason:** Equipment Failure

Damaged Party: No

Contaminants Table

Contaminant Name	Code	UN#	Limit	Quantity	[units]	[freq]
HYDRAULIC OIL	15	n/a		45	L	

Controller of Material:	Waste Management Inc.	**Owner of Material:**	Waste Management Inc.
Estimated Clean Up Cost:	$1500.00	**Who Cleaned Up:**	Controller, Owner
% Clean Up:	99 %	**Agencies Involved:**	Works Department - Municipal

Voluntary / Mandatory Abatement

Is there Voluntary Abatement Activity?	○ Yes	● No	○ To be determined

Voluntary / Mandatory Compliance Items

Type	Parent RefNo	Work Summary (may be truncated)	Date	AttainList

Offence(s)

Suspected Violation(s)/Offence(s):

Act - Regulation - Section,
Description
{General Offence}

Waste/EGR Information

Description of Incident Location: Hyd oil spill
EGR Number: ONS0402
Reason for EGR Issue: Spill
Waste Specification:

Class Name - Class Code - Hazard Description - Quantity [Units] - Physical State, Description

Waste oils/sludges (petroleum-based)~251~Hazardous Waste Chemical ~1582~L~Liquid~Oil/water separator sludge; dissolved air flotation skimming; heavy oil tank drainage; slop oil and emulsions~

Manifest No:	11:17 2007/05/28 CV03242-5 WENDY COOK, VEOLIA, 613-739-1150 XT 275		
Waste Site Name (Receiver):	Sewer-Matic Drain Service Ltd.	**Waste Site CofA (Receiver):**	A710141
Waste Management System Client Name (Carrier):	Sewer-Matic Drain Service Ltd.	**Waste Management System CofA No (Carrier):**	A860427

EGR APPROVED BY:
Name: Andrew Rahal
Date: 2007/05/28

Provincial Officer:
Name: Tor Rustad
Badge No: 392

Work Unit:
District/Area Office: Ottawa District Office
Date: 2007/06/21

Signature:



Area Supervisor:
Name: Paul Kehoe

Work Unit:
District/Area Office:
Date: 2007/06/23

Signature:



Ontario

Ministry of the
Environment

OCCURENCE REPORT

Location of Occurence:
OTTAWA CITY
362 MARIPOSA

Reg: 4 **Dist:** OT **Municipality:** 20101

Source:
ASHBURY COLLEGE
OTTAWA
Sector: Source: SIC:
UTM:
N: [5026000] **E:** [447000] **Zone:** [18]

Entered:	**ORIS No.**	**Abstracts:**	**Diaries:**
1998/09/03 07:24	9840001289	0	1

Received By:		**Batch:**	**I. E. B. No.**
BRAD ECKERT		2885	

Occurence Type:	**Subtype:**	**Occurence Date:**	1998/09/02
N	01		

Work Plan: WH

Occurence Time:

Reported By: FRAZER CROSS
SEWER-MATIC

Report to MOE : 1998/09/03 00:00
MOE at Scene:

Telephone No.	**Alternate No.**	**Assigned To:**	BRAD ECKERT
613-739-1449 x	x		

Address:
4140 BELGREEN DRIVE
GLOUCESTER
Postal Code: K1G 3N2

ERP Contacted:
Callout: []
ERP Name:

NSP: []

Syn: EMERGENCY NUMBER

Brief Summary:
ISSUED EMERGENCY NUMBER ONS0402-020462 TO SEWERMATIC TO REMOVE 20 L OF A POISONOUS LIQUID AND 40 L OF A MISC FLAMMABLE AS A ONE TIME REMOVAL FOR OFFSPEC LAB WASTE.

If there are related reports, record initial/master ORIS No. here >>

Followup Action: X **Abatement IEB Other**
BF Date:
ISSUED EG #ONS0402-E-020462

File Closed: Y **Abatement: IEB Other**
Suspected Violation:

Report Prepared By:	**Date:**	**IEB Investigator:**	**IEB BF Date**
BRAD ECKERT	09/03/98		

Approving Officer	**Date:**	**Reviewing Officer:**	**Date**
GEORGE CLARKE	09/04/98		

Specify number(s) for routing Original [ ] [ ] [ ] [ ] [ ]
Specify number(s) for copy distribution [ ] [ ] [ ] [ ] [ ] [ ]
Continued [ ] **Yes**

1. Investigator/E.O. **2. D. O. /File** **3. SAC (initial spills)**
4. Reg. Dir. /_____ Mgr. **5. IEB Reg. Spv** **6. IEB H.O./file** **7. Other _____**

SAC Action Class: 1: 2:

Material 1: N/A	**Code :**
Amount :	**UN No.:**
Material 2:	**Code :**
Amount :	**UN No.:**
Material 3:	**Code :**
Amount :	**UN No.:**
Cause. . . . . :	**Code. . :**
Reason. . . . . :	**Code. . :**

Person in Control: Waste GenNum :
Owner . . . . . : Waste GenNum :
Agencies Involved . . . . :

Clean up and Restoration Carried out by:
[v] Controller [v] Owner [N] Other

% Cleaned up: Estimated Cost:
Were Directions or Approval Given Under
EPA Part X [v] Regulation 362 [v] Manifest No.

Waste Class : Code . . :
Hauler : Code . . :
Disposal Site : Code . . :
Environmental Impact: Nature of Impact:
Code . . :

People/Business Damaged
(Other than to Owner/Controller) :
Nature of Damage: Code . . :

GeoWarehouse Property Report
Generated on May 27, 2025

362 MARIPOSA AVE
OTTAWA

PIN 042240234

GeoWarehouse Property Report



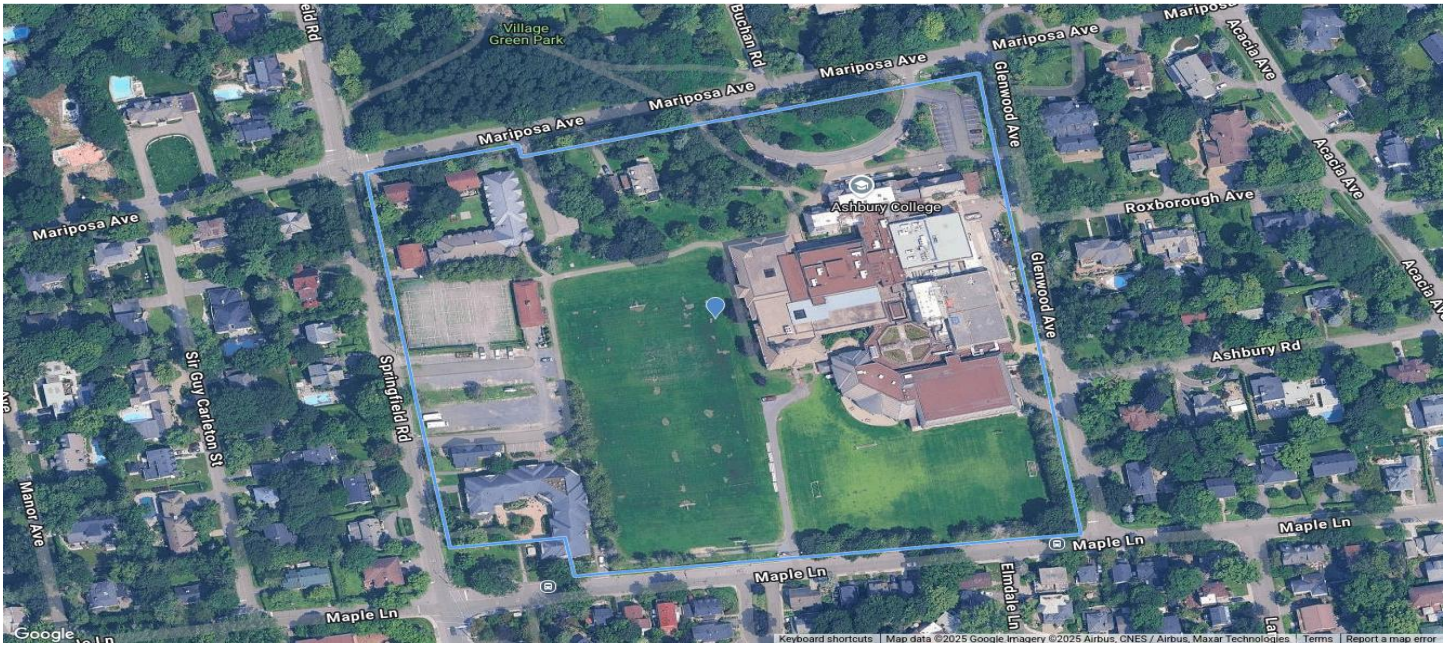
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Property Details

GeoWarehouse Address:
362 MARIPOSA AVE
OTTAWA
K1M0T3

PIN:	042240234
Land Registry Office:	OTTAWA-CARLETON (04)
Land Registry Status:	Active
Registration Type:	Certified (Land Titles)
Ownership Type:	Freehold





Ownership

Owner Name:
ASHBURY COLLEGE INCORPORATED

Party To:
ASHBURY COLLEGE INC.

Legal Description

BLK A, PL 251 ; PT BLK 10, PL 92 , ALL BEING PT 1 5R795 ; PT BLK 10, PL 92, AS IN N302624, CT234495 & CT237749 ; ROCKCLIFFE PARK

Lot Size

Area:	564340.51 sq.ft (12.955 ac)
Perimeter:	3064.3 ft.
Measurements:	596.36ft. x 19.99ft. x 199.47ft. x 624.3ft. x 147.58ft. x 64.45ft. x 646.63ft. x 766.85ft.

Lot Measurement Accuracy : LOW
These lot boundaries may have been adjusted to fit within the overall parcel fabric and should only be considered to be estimates.



Sales History

Sale Date	Sale Amount	Type	Party To	Notes
Aug 30, 1985	$25,000	Transfer	ASHBURY COLLEGE INC.;	
Oct 05, 1976	$64,000	Transfer	ASHBURY COLLEGE INC.;	
Aug 12, 1976	$100,000	Transfer	ASHBURY COLLEGE INCORPORATED;	
Apr 29, 1964	$1	Transfer	ASHBURY COLLEGE INCORPORATED;	
May 02, 1955	$1	Transfer	ASHBURY COLLEGE INCORPORATED;	

Terms and Conditions

Reports Not the Official Record. Reports, other than the Parcel Register, obtained through Geowarehouse are not the official government record and will not necessarily reflect the current status of interests in land.

Currency of Information. Data contained in the Geowarehouse reports are not maintained real-time. Data contained in reports, other than the Parcel Register, may be out of date ten business days or more from data contained in POLARIS.

Coverage. Data, information and other products and services accessed through the Land Registry Information Services are limited to land registry offices in the areas identified on the coverage map.

Completeness of the Sales History Report. Some Sales History Reports may be incomplete due to the amount of data collected during POLARIS title automation. Subject properties may also show nominal consideration or sales price (e.g. $2) in cases such as transfers between spouses or in tax exempt transfers.

Demographic Information. Demographic Information is obtained from Environics Analytics. Environics Analytics acquires and distributes Statistics Canada files in accordance with the Government of Canada's Open Data Policy. No information on any individual or household was made a vailable to Environics Analytics by Statistics Canada. PRIZM and selected PRIZMC2 nicknames are registered trademarks of The Nielsen Company (U.S.) and are used with permission.

The Property Information Services, reports and information are provided "as is" and your use is subject to the applicable Legal Terms and Conditions. Some information obtained from the Land Registry Information Services is not the official government record and will not reflect the current status of interests in land. Use of personal information contained herein shall relate directly to the purpose for which the data appears in land registry records and is subject to all applicable privacy legislation in respect of personal information. Such information shall not be used for marketing to a named individual.

Parcel Mapping shown on the site was compiled using plans and documents recorded in the Land Registry System and has been prepared for property indexing purposes only. It is not a Plan of Survey. For actual dimensions of property boundaries, see recorded plans and documents.

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

26 June 2025

Jasper Koo
Stantec Consulting Ltd.
300W-675 Cochrane Drive
Markham, ON L3R 0B8

Subject: **362 Mariposa Ave, Ottawa, Ontario, Canada, K1M 0T3**
Your File No.: **116501019**
WO No.: **14688931**

Dear Madam/Sir:

We are in receipt of your correspondence wherein you requested the release of information regarding the above noted address.

A search of TSSA public records **did not** locate any records relating to the following Program(s):

Program	No Record
Fuels Safety	☒
Boiler/Pressure Vessel	☐
Elevating & Amusement Devices	☐

**For BPV, if it has been indicated that records have been located but are not attached, it is likely that TSSA may not be the keeper of the records you are looking for, see note below.

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.

Should you have any questions, please contact Public Information at publicinformationservices@tssa.org.

Yours truly,

K. Gage

Kimberly Gage
Public Information Services

Limitations and Notices:

General:

TSSA, as a safety regulator, uses inspection resources to address the greatest harm posed to the public. Thus, inspection only follows-up on safety orders it issues based on the degree of risk posed by the non-compliance identified in the order(s). All high-risk orders will result in a follow-up inspection by TSSA until the non-compliance is resolved. TSSA no longer follows-up on low or medium risk orders referred to as safety tasks, therefore, TSSA can no longer provide you with a report indicating the safety tasks (low and medium-risk orders) have been resolved. This information should be obtained from the device/facility owner or their contractor. One can also engage a third-party contractor to confirm device/facility compliance.

The Public Information Department, (PID), can only provide ***existing*** records for a specific location, facility, or device. If an inspection or any other type of record does not exist, PID cannot instruct TSSA to do work, such as an inspection, to create a record. TSSA, as an outcome-based regulator, deploys all of its resources, including, inspections to address the greatest harm posed to the public; and as such, cannot deploy resources to create records to satisfy an inquiry.

Please Note: *While the PID provides existing records for a specific location, facility, or device; it does not interpret or provide further explanations of the content contained in the document.*

Change of Ownership

Please be advised, if the new owner has acquired a property that contains TSSA regulated devices, i.e. elevators, boilers and pressure vessels, they would be required to complete a change of ownership to obtain new licences. Visit our website at www.tssa.org under the Licencing & Registration section for the Change of Ownership process or contact our Customer Service department at 1.877.682.8772

TSSA Fuels Safety:

If you have environmental concerns regarding this property, you should consider hiring an environmental consultant to conduct an environmental assessment of the property in question.

- Sites that have not been licensed since 1987 may not be in TSSA records.
- Be advised, TSSA Fuels Safety Division did not register:
    - private fuel underground/ aboveground storage tanks prior to January of 1990; and
    - furnace oil tanks prior to May 1, 2002.
- If records being released to you relate to private fuel outlets ("PFOs") or fuel oil furnace tanks, please note the following:
    - PFOs are defined in O. Reg. 217/01 (Liquid Fuels), where "private outlet" means "any premise, other than a retail outlet, where gasoline or an associated product is put into the fuel tanks of motor vehicles or floating motorized watercraft or into portable containers". After 2001, PFOs were no longer required to be licenced in Ontario. Thus, TSSA's records and information regarding PFOs is dated and unverified.
    - Underground furnace fuel oil tanks were required to be registered with TSSA commencing in 2001. These underground tanks are registered; however, TSSA does not inspect or verify the registered tank information. It is incumbent on the fuel distributor to ensure that the tanks are registered. Above ground fuel oil furnace tanks do not require TSSA registration.
    - Please be advised that while the TSSA releases information relating to PFOs or fuel oil furnace tanks pursuant to the TSSA's Access and Privacy Code, the TSSA cautions against reliance on this information.

- In particular, because PFOs do not require a license and there is no requirement to submit any documentation to TSSA for review or approval, TSSA has limited information on these facilities. The TSSA cautions that any information provided may be inaccurate, incomplete, or out of date.

- Fuels Safety Division does not register

  - private waste oil tanks in apartments, office buildings, residences etc.; and

  - aboveground gas or diesel tanks.

- The *Technical Standards and Safety Act* and associated regulations do not require the registration of private fuel outlets, nor does it require that any documentation on these facilities be submitted to or reviewed or approved by TSSA. As a result, TSSA has limited information on these facilities. TSSA cautions that any information provided may be inaccurate, incomplete or out of date.

TSSA Elevating & Amusement Devices Program Notice:

- All orders and/or directions issued by the TSSA Inspector have a compliance date and the owner or designated contractor are required to comply within the specified time limit. Compliance is the responsibility of the owner or operator of the device.

- All written declarations of compliance (where eligible) should be sent to TSSA. Once a declaration of compliance has been received, the outstanding order will be resolved.

- Each report shows the details and date of the inspection conducted by TSSA at the requested location.

- The Ontario Amusement Devices Regulation (O. Reg. 221/01) was adopted in 2001. Since that time, TSSA retains copies of technical dossiers of new amusement devices in Ontario (as per TSSA's retention policy). However, for rides that existed prior to the adoption of the Regulation, which were subject to a "grandfathering-in" clause, technical dossiers were not required to be filed with the TSSA. However, if the amusement ride remains in operation, as per ASTM requirements, the owner/licensee must possess an operations document for the device in question.

Federal Elevators

- Please be advised that without the express written consent of the owner, the TSSA does not release any information with respect to federal elevators or federal elevating equipment. The TSSA is a provincial regulator for the province of Ontario and federal elevators do not fall within the scope of TSSA's provincial mandate and the *Technical Standards and Safety Act* and associated Regulations. Further, the TSSA's Access and Privacy Code only applies to information collected, used, or disclosed by the TSSA in the course of TSSA's administration of the *Act*. Therefore, information with respect to federal elevators or federal elevator equipment is outside of the administration of the *Act,* and outside of the scope of the TSSA's Access and Privacy Codes.

Indigenous Lands

- Please be advised that the TSSA does not release any information with respect to indigenous lands, which are outside of the TSSA's mandate, without the express written permission from the Band. The *Technical Standards and Safety Act*, associated regulations, and TSSA's Access and Privacy Code does not apply to indigenous lands.

TSSA Boilers and Pressure Vessels (BPVs) Program Notice:

- Be advised, TSSA does not typically periodically inspect BPVs. These inspections are usually performed by insurance companies.

- **Inspection reports may not be submitted to TSSA by insurance companies; therefore, while TSSA may have some evidence of a BPV at a location on file, there may be no inspection records pertaining to BPVs located at the address provided.

- As of July 1, 2018, BPVs in Ontario may not be operated unless the Director has issued a current certificate of inspection (COI) to the owner or operator. A COI will be issued to the owner or operator of the BPV by TSSA after TSSA has received a Record of Inspection (ROI) from the insurer/third-party inspector, the associated fees have been paid and the BPV has passed a periodic inspection.

- Please note that if the BPV in question is insured, the insurance company may have additional inspection records. Please contact the insurer directly should you wish to obtain further information.