FINAL REPORT

Phase I Environmental Site Assessment Update

30 Cleary Avenue, Ottawa, Ontario

Submitted to:

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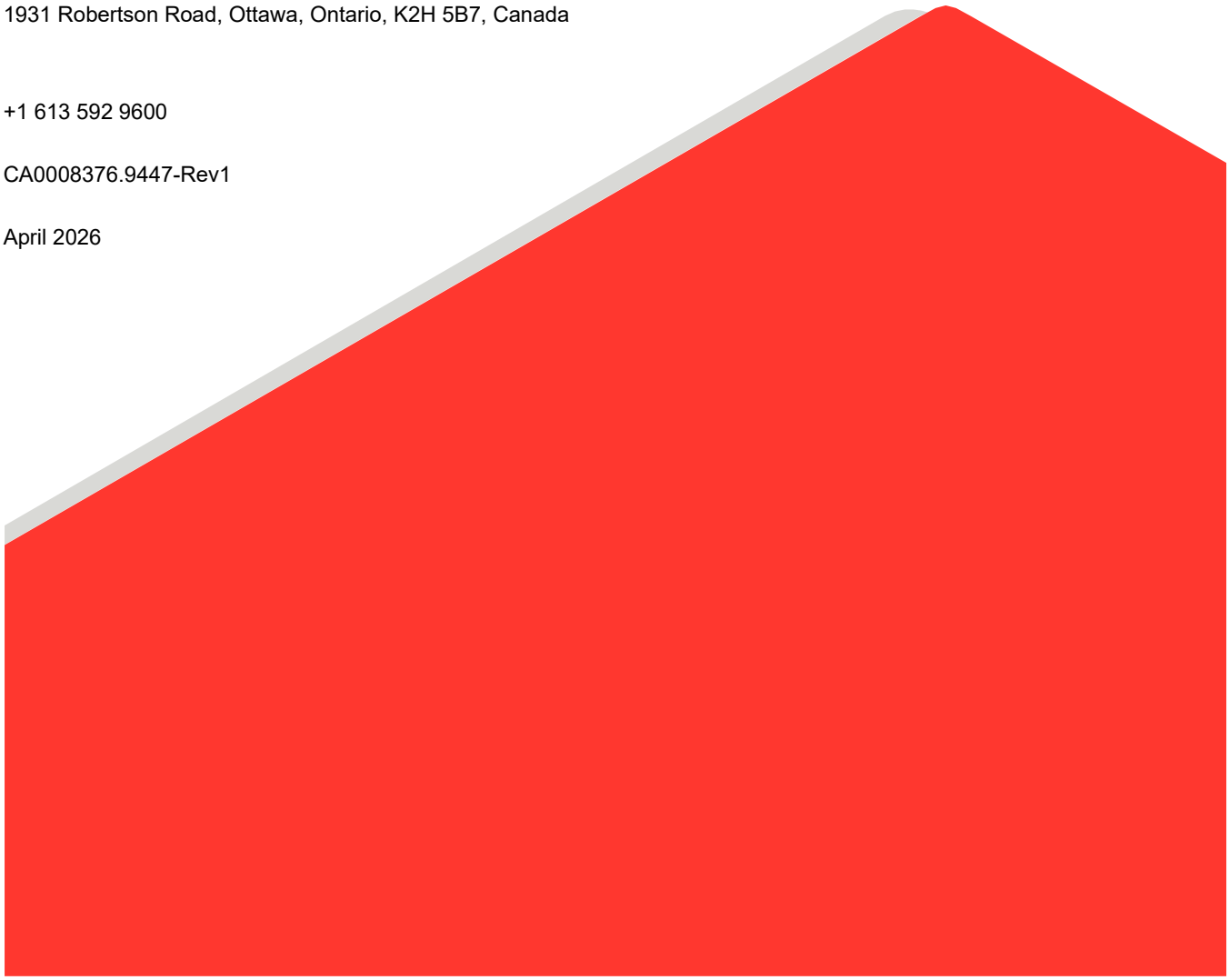

Distribution List

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1.0 EXECUTIVE SUMMARY

IMPORTANT: *This executive summary provides an overview of the main findings of the study to which it pertains. This executive summary does not provide a comprehensive report, and its review should not be considered a substitute for reading the report in its entirety*.

WSP Canada (WSP) was retained by Theia Partners Inc. (Theia) to conduct a Phase One Environmental Site Assessment (Phase One ESA) of the property located on part of 30 Cleary Avenue in Ottawa, Ontario (herein referred to as the 'Phase One Property') in November of 2023. Since then, Theia has retained WSP to prepare this update to the 2023 Phase One ESA. As no material changes to the Phase One Property use has occurred since the 2023 Phase One ESA, this update has relied on all the previous regulatory and historical records and included the completion of a new site visit, site interview and this report. It is also noted that a Phase Two ESA has been completed since the 2023 Phase One ESA, the findings of which have been incorporated into this Update report.

The Phase One Property is owned and operated by the First Unitarian Congregation of Ottawa, who have contracted Theia to coordinate the development of the Property. It is WSP's understanding that the 2023 Phase One ESA was required as part of the City of Ottawa planning approvals for the proposed development which includes two new buildings and associated parking lots. It is understood that this Phase One Update is required to support financing of the project. Given the size of the overall Property relative to the proposed development activities, the Phase One ESA focuses only on the development areas and will consider the existing structures and uses outside the new development as being off-site for the purpose of this assessment.

The Phase One Property is located at the end of Cleary Avenue, just southwest of the First Unitarian Church, north of the River Parkway Children's Centre, generally located between Richmond Road and Kichi Zibi Mikan Parkway, Ottawa, Ontario. The Phase One Property is legally described as part of 30 Cleary Avenue, PIN 04751-0119 and is zoned as Minor Institutional Zone. The Phase One Property is irregular in shape and is approximately 10,890 m^2 (1.09 ha). The Property is currently occupied by paved and gravel parking areas with undeveloped treed land located on the western and northern most portion of the Site. Previously in 2023, there was a small storage building containing landscaping equipment and materials on the south side of the gravel parking area, this area has since been removed and repurposed for use as a temporary construction office and storage area for an adjacent construction project off-Site. No buildings currently exist on the Property. The Phase One Property is currently used as parking for the First Unitarian Church.

As per Part V, Section 16 of O. Reg. 153/04, WSP has reviewed, evaluated and interpreted the information obtained from the completion of a records review, interviews with persons knowledgeable of site operations and site history, and a site reconnaissance in order to identify any current and/or historical activities at the Phase One Property or within the surrounding Phase One Study Area which could have the potential to adversely affect the environmental condition of the Phase One Property. Based on this evaluation, WSP has identified 3 areas of potential environmental concern (APECs) on or under the Phase One Property as follows:

APEC 1: Southeast gravel parking area

- Related to former railway, multiple gasoline service stations, fuel oil USTs and ASTs, and auto repair shop.

APEC 2: Entire Phase One Property

- Imported fill material associated with development of the Site.

APEC 3: Southwest corner of Phase One Property

- Multiple gasoline stations with USTs and ASTs.

Contaminants of potential concern (COPCs) associated with the above listed APECs include petroleum hydrocarbons (PHCs), BTEX (benzene, toluene, ethylbenzene, xylenes), polycyclic aromatic hydrocarbons (PAHs), metals, and inorganics.

Following the identification of the APECs, a Phase Two ESA was completed by WSP to evaluate each of the three APECs. The findings of the Phase Two ESA indicated that none of the COPCs attributed to the APECs exceeded their respective criteria, however elevated salt impacts were noted in three of the six locations investigated due parking lot salt application in winter months. Additionally, a minor exceedance of barium was noted in one location but was inferred to be of natural origin, however, being in fill (APEC 2), it could not entirely be discounted as being associated with the fill.

Based on the current land use (institutional), the proposed redevelopment plan would not require the completion of a Record of Site Condition (RSC).

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2.0 INTRODUCTION

WSP Canada (WSP) was retained by Theia Partners Inc. (Theia) to conduct a Phase One Environmental Site Assessment (Phase One ESA) of the property located on part of 30 Cleary Avenue in Ottawa, Ontario, (herein referred to as the "Phase One Property" or "Site") in November 2023. Theia has since retained WSP to prepare this Phase One ESA Update. The Property is owned by the First Unitarian Congregation of Ottawa, who has contracted Theia Partners Inc. to coordinate the development of the Site. The site location is shown on Figure 1. It is WSP's understanding that the 2023 Phase One ESA was required as part of the City of Ottawa planning approvals for the proposed development which includes two new buildings and associated parking lots and the Phase One ESA Update is being requested to support financing.

As no material changes to the Phase One Property use has occurred since the 2023 Phase One ESA, this update has relied on all the previous regulatory and historical records and included the completion of a new site visit, site interview and this report. It is also noted that a Phase Two ESA has been completed since the 2023 Phase One ESA, the findings of which have been incorporated into this Update report.

Based on the current land use (institutional), the proposed redevelopment plan would not require the completion of a Record of Site Condition (RSC).

2.1 Phase One Property Information

WSP was retaining by Theia to conduct a Phase One ESA of the following property:

Municipal Address	Part of 30 Cleary Avenue, Ottawa, Ontario
Property Identification Number	04751-0119

The Phase One Property is located on the First Unitarian Church property on part of 30 Cleary Avenue in Ottawa, located at the end of Cleary Avenue, generally described as between Richmond Road and the Kichi Zibi Mikan Parkway, and is zoned as Minor Institutional Zone. The Phase One Property is irregular in shape and is approximately 10,890 m^2 (1.09 ha) in plan area based on information available through the City's Interactive Online Mapping Tool (GeoOttawa). The Phase One Property boundary is shown on Figure 2. For the purpose of this report, Richmond Road and the Kichi Zibi Mikan Parkway are considered as running in an east-west direction. The property boundaries and adjacent land uses are described as follows:

- **North boundary:** Forested area, followed by the Kichi Zibi Mikan Parkway and the Ottawa River.
- **East boundary:** Unitarian Church and multi-story L-shaped building (Unitarian House) followed by the Kichi Zibi Mikan Parkway.
- **West boundary:** Single-unit residential neighbourhood.
- **South boundary:** Large single-story building (River Parkway Children's Centre), followed by an auto repair shop, active building construction site, Richmond Road, and the under-construction light rail transit corridor (mostly completed at the time of the site reconnaissance)

The Phase One Property is operated as a parking lot for the First Unitarian Church. There are no permanent buildings on the Phase One Property. Paved and gravelled parking areas make up most of the Property, with some undeveloped treed areas along the western border, as well as three separate patches of undeveloped treed areas within the middle of the Property. A temporary construction site office and storage was present is present

on the south side of the gravel parking lot and is associated with the active building construction to the south of the Site. Site features are shown on Figure 2.

2.2 Property Owner Contact Information

The Phase One Property is owned by the First Unitarian Congregation of Ottawa. Authorization to proceed with the Phase One ESA was provided by Justin Robitaille for Theia Partners Inc., acting on behalf of the Site Owner as the Phase One ESA Site Representative. Contact information for Justin Robitaille is provided in the following table:

Project Contact:	Justin Robitaille
Address:	Theia Partners Inc. 55-1554 Carling Avenue Ottawa, Ontario K1Z 7M4
Phone Number:	416-726-5321

3.0 SCOPE OF INVESTIGATION

The scope of the Phase One ESA is only sufficient in identifying issues of potential environmental concern which are obvious from a visual examination of surface features or from available sources of information. No soil, water, liquid, biological (including mould), gas, product or chemical sampling or analysis were carried out as part of this Phase One ESA. WSP did not conduct a health and safety, engineering, or structural evaluation of the Site as part of the scope of work.

According to Ontario Regulation ("O.Reg.") 153/04 Records of Site Condition, the objectives of a Phase One ESA are to:

1) Develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Site;

2) Determine the need for a Phase Two Environment Site Assessment ("ESA");

3) Provide a basis for carrying out a Phase Two ESA;

4) Provide adequate preliminary information about environmental conditions in the land or water on, in or under the Site for the conduct of a risk assessment following completion of a Phase Two ESA; and,

5) Identify and report on evidence of actual and/or potential contamination on the Site from current and historical activities at the Site or from adjacent properties.

In order to fulfill the general objectives of this Phase One ESA, the scope of work consisted of the following activities:

- Historical records review (2023 Phase One ESA);
- Interviews with persons knowledgeable of the subject site (2026 Phase One ESA Update);
- Site reconnaissance (2026 Phase One ESA Update);
- Reviewing and technically assessing the information collected (2026 Phase One ESA Update); and,
- Preparing this Phase One ESA Update report (2026 Phase One ESA Update).

In accordance with O. Reg. 153/04, WSP has determined a “Phase One Study Area” that is outside the Phase One Property but that is considered in the assessment because uses and activities in this larger area may have affected the Phase One Property. Assessment of the Phase One Property and Phase One Study Area has incorporated the determination of O. Reg. 153/04’s prescribed list of “potentially contaminating activities” (PCAs) as defined in Table 2, Schedule D of O. Reg. 153/04. Any identified PCAs are reviewed by WSP’s Qualified Person (QP) to determine Areas of Potential Environmental Concern (APECs) on the Phase One Property, if any.

4.0 RECORDS REVIEW

4.1 General

4.1.1 Phase One Study Area Determination

For the purpose of this Phase One ESA, the Phase One Study Area is the area within a 250-metre radius of the boundary of the Phase One Property. Based on WSP’s review of the historical and current information compiled as part of this Phase One ESA for the Phase One Property and surrounding area, and observations of neighbouring properties made during the Site reconnaissance, it was concluded that an assessment of information pertaining to properties within 250 m of the boundary of the Phase One Property was sufficient to achieve the objectives of the Phase One ESA. The Phase One Study Area is shown on Figure 2.

4.1.2 First Developed Use Determination

Based on information acquired during the records review and interviews, the first developed use of the Phase One Property is believed to have been as rail tracks and residential units. As of 1958, a Canadian Pacific Railway track crossed the southern portion of the Site, and a few residential lots backed onto the west side of the Phase One Property, with a few small residential buildings within the Phase One Property boundary. Most of the Property was undeveloped forested land, until 1967 when part of the Site was developed as a gravel parking lot for the nearby Unitarian Church. In 1982, the Site was redeveloped as a parking lot with paved and gravel areas, with some undeveloped treed land in the central and western portions of the Site.

4.1.3 Fire Insurance Plans

Fire Insurance Plans (FIPs) were obtained from the City of Ottawa. FIPs for the years 1948 and 1956 were reviewed. Information from the FIPs relevant to the environmental condition of the Phase One Property is summarised the following table.

Date	Sheet	Observations
1948	335, 339	**Phase One Property:** Mostly undeveloped forested area. A few single-unit residential buildings to the southeast and southwest of the Property**. Canadian Pacific Railway** runs through the southern portion of the Property. **Covered portion of Phase One Study Area:** To the west, all residential neighbourhood. To the north are a few small residential units, followed by the Ottawa River. On the south side of the railway are a row of buildings with the following features: ▪ **Woodshed and coal yard** (Leafloor Bros Coal and Wood) ▪ **Gasoline Tanks** (Sunlight Oil Co.) ▪ **Gasoline Service Station**
1956	335, 340	**Phase One Property:** Not shown. **Covered portion of Phase One Study Area:** To the southeast are **two Gasoline Service Stations**, one either side of Cleary Ave, at the intersection with Richmond Rd.

Based on the FIP review, the presence of railway infrastructure and activity along the southeast property boundary as shown in the 1948 and 1956 is the only identified PCA on the Phase One Property.

In addition to the PCA identified on the Phase One Property, several PCAs as described in Table 2, Schedule D of O.Reg. 153/04 were identified in the Phase One Study Area through review of the FIPs as summarised in the following table.

PCAs Identified Through FIP Review

Address	Dist. (m)	Dir.	Description	FIP Dates	PCA # (O. Reg 153/04)
Phase One Property	0	NA	▪ Railway infrastructure and activity (Canadian Pacific Railway)	1948-1956	46
775 Richmond Rd	40	E	▪ Gasoline Service Station (unnamed)	1948-1956	28
851 Richmond	100	S	▪ Gasoline Service Station (unnamed) ▪ Gasoline Tanks (Sunlight Oil Co.)	1948-1956	28
747 Richmond	140	E	▪ Gasoline Service Station (unnamed)	1948-1956	28

4.1.4 City Directories

WSP retained ERIS to conduct a city directory search for the Phase One Property and 10 adjacent properties in the Phase One Study Area. The city directory search returned information for approximately every five (5) years from 1890/91 through 2011. A copy of the city directory search provided by ERIS is provided in Appendix A.

The municipal address for the Phase One Property was not listed in the city directory search until 1992 when it was described as the First Unitarian Congregation of Ottawa and the River Parkway Pre-School Centre. In 2017, Green Communities Canada was added to the address as well. As of 2021, there are three organizations listed at 30/40 Cleary Avenue: First Unitarian Congregation of Ottawa, River Parkway Pre-School Centre, and Ancoura Inc. (charity organization).

A summary of PCAs at the Phase One Property and in the Phase One Study Area is provided in the table below. Refer to Section 7 *Review and Evaluation of Information* for further discussion on the PCAs identified in the Phase One Study Area.

PCAs Identified Through City Directory Review

Address	Dist. (m)	Dir.	Description	Dates	PCA # (O. Reg 153/04)
801 Richmond Rd	5-10	SE	Dave Rennie's auto repair shop	1996	10

4.1.5 Chain of Title

Based on the information contained in the other historical records, the historical ownership is understood to have been the current owner since 1967 and was owned by various residential owners before that. A chain of title search is not considered necessary to develop the site ownership history.

4.1.6 Environmental Reports

The only previous report available for review, other than the original 2023 Phase One ESA was the Phase Two ESA "*Phase Two Environmental Site Assessment, 30 Cleary Avenue, Ottawa, Ontario"*, prepared for Theia Partners Inc. by WSP Canada Inc., dated November 2023. A summary of the Phase Two ESA is provided below:

The Phase Two ESA was completed to address the three APECs identified in November 2023 Phase One ESA and included the completion investigation and testing at 6 boreholes completed at the Site, in conjunction with a geotechnical investigation.

The analytical results from the sampling and analysis program indicate that the reported concentrations of barium in soil at one location at the Phase Two Property did not meet the applicable Ministry of Environment, Conservation and Parks (MECP) Table 7 site condition standards (residential/institutional land use, coarse textured soil). This result was in fill at the north end of the Phase Two Property.

Additionally, the reported results for sodium adsorption ratio (SAR) and electrical conductivity (EC) also exceeded the MECP Table 7 standards. However, both exceedances were considered to be due to the application of salt products to the ground for de-icing and safety and are therefore not considered as an exceedance of MECP Table 7 standards as per O. Reg 153/04 section 49.1.

The reported concentrations of all other parameters tested in soil and groundwater were below the Table 7 site condition standards.

The exceedance of barium was considered to be most likely of natural origin. However, given that it is in fill it may be attributed to the importation of fill to the Site. As such, the fill at this location may need to be managed separately from the remaining fill during development. Given the nature of the contaminant which is commonly found across the city at these concentrations in natural soils and the expectation that the fill will likely be excavated to accommodate the development.

No further investigation was recommended.

4.2 Environmental Source Information

4.2.1 ERIS

ERIS was contracted to conduct a search of federal and provincial government and private environmental databases pertaining to the Phase One Property and adjacent lands within a 250 m radius from the Phase One Property boundary. A copy of the report obtained from ERIS is included in Appendix A.

A summary of the database search results pertaining to the Phase One Property and Phase One Study Area are summarized below.

4.2.1.1 Phase One Property

A total of 1 record related to the Phase One Property was identified in the ERIS search as summarised in the following table.

Summary of Phase One Property ERIS Records

Database Name	Acronym	Number of Records
Water Well Information System	WWIS	1

4.2.1.2 Phase One Study Area

A total of 65 records were returned for properties within the Phase One Study Area as summarised in the below table.

Summary of ERIS Records in Phase One Study Area

Database Name	Acronym	Number of Records
Borehole	BORE	4
Certificates of Approval	CA	1
Environmental Activity and Sector Registry	EASR	2
Environmental Compliance Approval	ECA	2
ERIS Historical Searches	EHS	5
Ontario Regulation 347 Waste Generators Summary	GEN	8
Pipeline Incidents	PINC	2
Record of Site Condition	RSC	1
Scott's Manufacturing Directory	SCT	3
Ontario Spills	SPL	18
Water Well Information System	WWIS	19

A description of each database is provided in the ERIS report (Appendix A). Of the above records, 23 did not include enough information for ERIS to associate the record with a plottable address.

WSP reviewed all plottable ERIS records identified within the Phase One Study Area to evaluate if they constituted PCAs as defined by O.Reg. 153/04.

It is noted that multiple Waste Generator records were identified for properties throughout the Phase One Study Area. Registration as a Waste Generator generally indicates proper handling and disposal of hazardous wastes,

and businesses associated with Waste Generator records in the Phase One Study Area are unlikely to use/generate large volumes of hazardous waste, therefore in the absence of other records for a property/address to indicate significant potential waste generation and/or releases, a Waste Generator record alone for a property within the Phase One Study Area has not been considered as representing a concern.

Several spill records were identified through the review of the plottable ERIS records and are summarised in the below table. Based on either the distance from the Phase One Property and/or the smaller quantity of the spills, none of the following spills are considered to have contributed to an APEC on the Phase One Property.

Spill Records Identified through ERIS Review

Address	Dist. (m)	Dir.	Record Type and Description (ERIS)	Years	PCA # (O. Reg 153/04)
Kichi Zībī Mīkan Parkway and Cleary Ave	80	ENE	SPL – Hydraulic oil leak from crane (Kiewit Eurovia Vinci (KEV))	2021	28
Sherbourne Rd and Byron Ave	140	ESE	SPLa – 5L hydraulic oil to ground (KEV) SPLb – 2L diesel exhaust fluid to soil (KEV) SPLc – 20L hydraulic oil to rock floor of tunnel (KEV) SPLd – 1L diesel to soil (KEV)	SPLa – 2021 SPLb – 2021 SPLc – 2021 SPLd – 2021	28
Just east of 75 Cleary Ave	160	ENE	SPL – 0.5L unknown hydrocarbons (KEV)	2021	28
2122 Wayne Ave	170	W	SPL – 20L hydraulic oil to land (Lehigh Hanson Canada ULC)	2019	28
Byron Park to the east across from 851 Richmond Rd	180	SE	SPL – 1L hydraulic oil to soil and rock (KEV)	2021	28
Clearly Ave and Richmond Rd	190	ENE	SPLb – 100L diesel to ground (no client name given) SPLc – 20L hydraulic oil to asphalt and walkway (unnamed client) SPLd – 1L grease spill (KEV) SPLe – 5L hydraulic oil to ground (KEV)	SPLb – 2016 SPLc – 2021 SPLd – 2021 SPLe – 2021	28
Near 100 Byron Ave	220	S	SPL – 2L hydraulic oil to excavated pit with snow melt (KEV)	2021	28
Richmond Rd and Redwood Ave	230	E	SPL – 1L hydraulic oil spill	2021	28

No additional PCAs were identified in the unplottable ERIS records.

4.2.2 Technical Standards and Safety Authority (TSSA), Fuel Safety Division Records

Searches of available TSSA records were requested on March 21, 2023. Responses received from the TSSA on September 7, 2023, indicate that 30 Cleary Ave has no records of fuel storage tanks. 9 surrounding properties were also searched, and no records of fuel storage tanks were found. Copies of the TSSA responses are provided in Appendix C.

4.2.3 Ministry of the Environment

WSP submitted a request for records to the Ontario Ministry of Environment, Conservation, and Parks (MECP) Freedom of Information (FOI) office. The response received from the MECP is attached in Appendix C. No material records pertaining to the environmental condition of the property were identified.

WSP also completed a search of the MECP the online database tool, Access Environment, for records on the Phase One Property and within the Phase One Study Area. No records were identified for the Phase One Property. Five records were identified within the Phase One Study Area; one Confirmation of Registration for the extension of a waste management system storage yard at 75 Cleary Ave, three permits to take water, and a Confirmation of Registration to take water for the dewatering of a construction site near 851 Richmond Rd. None of these records/activities are considered as PCAs or as resulting in an APEC to the Phase One Property.

4.2.4 Historical Land Use Inventory (HLUI)

The City provided results from their Historical Land Use Inventory (HLUI) search. The HLUI returned 61 records with two records relating the Phase One Property and the remaining related to addresses within the Phase One Study Area. A summary of the HLUI records identified as PCAs is provided below in the table below.

PCAs Identified Through HLUI Review

Address	Dist. (m)	Dir.	Type of Facility and Description (HLUI)	Reference Date Range	PCA # (O. Reg 153/04)
Phase One Property	0	N/A	Abandoned Railway	1979	46
Unitarian Church of Ottawa (adjacent to east of Property)	40	E	Fuel Oil UST (9080 L) – Unitarian Church of Ottawa	Installed 1966	28
801 Richmond Rd	15	S	Coal yard, Gasoline UST (4540 L) – Leafloor Bros Ltd Motor Vehicle Repair Shop – Dave Rennie's Autocare	UST Inst. 1960 2005-present	28, 10
771 Richmond Rd	50	E	Two gasoline USTs – Gasoline Service Station (unnamed)	Unknown	28
Between Richmond Rd and Byron Ave	60	S	Ottawa Electric Railway – streetcar public transit system. Ran parallel to Richmond Rd, adjacent to Byron Ave.	Approx. 1906-1954	46
75 Cleary Ave (includes 793 Richmond)	60	E	Four gasolines storage tanks (total 13000 gal, unspecified whether above or below ground), three fuel oil tanks (total 1000+ gal, two are USTs), one waste oil tank (1000 gal) – Gasoline Service Station – Sunoco Energy Inc. Identified as City of Ottawa Environmental management unit has having resulted in petroleum impacts into the City right of Way.	1955-1980	28

PCAs Identified Through HLUI Review

Address	Dist. (m)	Dir.	Type of Facility and Description (HLUI)	Reference Date Range	PCA # (O. Reg 153/04)
851 Richmond Rd	100	S	Three diesel fuel ASTs – Sunlight Oil Co Three gasoline USTs (three 13,620 L tanks) – BP Canada Gas Station	1939-1958 Inst. 1958	28
865 Richmond	140	S	Two USTs (unknown product type or size) – BP Canada Gas Station	Approx. 1948-1970	28
747 Richmond Rd	150	E	Multiple gasoline and fuel oil USTs – Shell Gas Station Dry cleaning depot (unnamed)	Inst. 1954, 1964, 1974 2006	28, 37
739 Richmond Rd	180	E	Two USTs (unknown product type or size) – Unnamed Gasoline Service Station	FIP year 1956	28
875 Richmond	220	S	Three gasoline USTs – Capital City Gas Gasoline Service Stations: ▪ Saveway Gas ▪ Little Oil Company Ltd.	Inst. 1972 1990 1980	28

4.3 Physical Setting Sources

4.3.1 Aerial Imagery

WSP reviewed aerial photographs available through the GeoOttawa website. A summary of aerial photograph observations as they relate to the Phase One Property and study area is provided in the below table.

Year	Source	Phase One Property	Phase One Study Area
1958	GeoOttawa	The Phase One Property appears to be mostly undeveloped forested area, with a single unit residential building on the east side of the Property and what appears to be a railway cutting through the southeast area of the Site.	Immediately adjacent properties to the north and northwest appear to be forested areas. To the west are single unit residential areas. To the south and southeast are the railway and a few buildings that appear to be commercial/industrial in nature. In the greater Phase One Study Area the following observations can be made: ▪ North: Appears to be forested area with a few single unit houses, followed by the Ottawa River. ▪ West: Several blocks of single unit residential. What appears to be the former BP Canada Gas station, with ATSs is present southwest of the Site between Richmond and the railway. ▪ South and East: What appears to be a railway runs northeast southwest, followed by a row of buildings that appear to be commercial/industrial by nature. On the far side of those buildings are two complexes of 7 and 10 multi-story residential buildings, followed by a few rows of single-unit residential buildings. Two possible gas stations appear to be present on the west side of 75 Cleary Avenue and on 747 Richmond Road.
1965	GeoOttawa	There are no notable changes to the Phase One Property in comparison to the 1958 photo.	Changes to the Study Area include: ▪ Two roads matching the present-day parkway autoroute have been built, cutting through the northern portion of the Study Area ▪ A few more commercial/industrial buildings have been built on the far side of the railway. ▪ A high-rise building has been built on the far side of what is today Richmond Rd, at the intersection of Byron Ave and Sherbourne Rd.
1976	GeoOttawa	A new pathway/parking lot has been built through the middle of the Property.	Changes to the directly adjacent properties are as follows: ▪ A large building has been built directly to the northwest of the Site, matching the present day of the Unitarian church. A parking lot area has been added alongside the new building as well. Changes to the greater Study Area include: ▪ A large high-rise residential building has been built at the southern edge of the study area. ▪ The previously noted ASTs and gas station to the southwest are no longer visible.

Year	Source	Phase One Property	Phase One Study Area
1999	GeoOttawa	The Phase One Property has been developed into mostly parking lot surrounding a few areas of greenery and trees.	Changes to the directly adjacent properties are as follows: ▪ A large multi-story L-shaped building matching the present-day building has been built directly to the northeast of the Site. ▪ A new parking lot for this L-shaped building has been built beside it. A network of trails has been added to the north of the parking lot. ▪ Cleary Ave has been built. ▪ The row of commercial buildings to the southeast of the Site has been further developed, with parking lots filling in all the space between buildings. ▪ Gas stations noted at 75 Cleary Avenue and 797 Richmond Road are no longer present.
2008	GeoOttawa	No notable changes since the 1999 photo.	Changes to the Study Area include: ▪ A large single-story triangle-shaped building matching the present-day River Parkway Children's Centre, has been built directly south of the Site. ▪ A few backyard pools have been built in the residential neighbourhood to the west of the Site. ▪ One of the commercial buildings directly to the east of the Site has been demolished and the lot appears to be under construction.
2015	GeoOttawa	No notable changes since the 2008 photo.	Changes to the Study Area include: ▪ A large high-rise building has been built at the previously mentioned under-construction site, to the east of the Site.
2021	GeoOttawa	No notable changes since the 2021 photo.	Changes to the Study Area include: ▪ A new building is under construction in the southern portion of the Study Area, on Richmond Rd. ▪ What appears to be a construction site has been added to the northeast of the Site, along on the parkway.

The gas stations and fuel storage tanks at 851 Richmond Road and at 75 Cleary Avenue and 747 Richmond Road present to the southeast and southwest of the were the only PCAs within the Phase One Study Area. No PCAs were identified on the Phase One Property. Further discussion of PCAs can be found in Section 7.

Since the 2023 Phase One ESA was completed, development has begun at 797 Richmond Road and the west part of 75 Cleary (former gas stations) have been excavated to accommodate underground foundations.

4.3.2 Topography, Hydrology and Geology

The following records were reviewed to identify topographic, geologic and hydrogeological conditions at the Site. Additional information on site features, as observed at the time of the Site visit, is provided in Section 6.

Topic	Conditions	Comment / Source
Topography of Site and Surrounding Area	The Phase One Property is located on a topographic flat area with an elevation of approximately 62 m above sea level (MASL). The Site is sloping slightly down to the north from Richmond Rd, with the gravel parking area to the south being higher elevation than the paved portion of the parking area to the north.	Site and surrounding area observations, GeoOttawa online mapping tool.
Site Grade Relative to the Adjoining Properties	The Site grade is relatively at the same level as the adjoining properties (within 1 metre) to the east, west and north with Richmond Road to the south being slightly higher elevation than the Phase One Property.	Topographic map and visual observations
Surface Runoff	There are no permanent surface water bodies or areas of standing water on the Phase One Property, however the Ottawa River is within the Study Area. Runoff from the Property is directed to five storm sewer manholes located on the Phase One Property.	Site and surrounding area observations, GeoOttawa online mapping tool.
Overburden Soils	Based on geological mapping, the Phase One Property overburden is stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain. This till is about 2.44 metres thick.	Ontario Geological Survey (OGS), 2010. Chapman, L.J. and Putnam, D.F. 2007. Physiography of Southern MECP, 2023
Type of Bedrock	Bedrock is expected to be Middle Ordovician limestone, dolostone, shale, arkose, and sandstone from the Ottawa and Simcoe Groups and the Shadow Lake Formation.	OGS, 2011
Depth to Bedrock	Depth to bedrock ranges from 0.86 - 2.43 m below ground surface (mbgs).	WSP Geotechnical Investigation, 2023
Inferred Near Surface Groundwater Flow	Based on topography and orientation of surface water bodies shallow groundwater at the Site is expected to flow toward the NNW. However, shallow groundwater flow on the Phase One Property and in the Phase One Study Area may be variable and influenced by the presence of subsurface utilities. Regional groundwater flow is expected to be toward the Ottawa River, located to the west and north of the Phase One Property.	GeoOttawa and visual observations
Depth to Groundwater	Based on WSP's 2023 Geotechnical investigation, depth to groundwater ranges from approximately 3.39 to 3.59 mbgs.	WSP Geotechnical Investigation, 2023

4.3.3 Fill Materials

Topic	Conditions	Comment / Source
Fill Materials	Fill was likely used during development and grading of the property for the current use. The Phase Two ESA identified 0.15 to 1.3 metres of fill material on the Phase One Property The presence of fill of unknown quality on the Site is considered a PCA	Records Review (FIP, HLUI, Aerial Images), Phase Two ESA

Restrictions on the quality of soil used to backfill/infill and grade properties which exist under the current provincial regulatory framework were not in place in when the Site was historically redeveloped. It is therefore possible that low quality materials (e.g. construction debris, contaminated soils) could have been used to grade the Phase One Property. A discussion on the fill quality evaluated as part of the Phase Two ESA is presented in Section 4.1.6.

4.3.4 Water Bodies and Areas of Natural Significance

Topic	Conditions	Comment / Source
Nearest Open Water Body	The nearest open water body is the Ottawa River, which is to the north and west of the Property. The closest part of the river to the Site is about 130 metres to the north.	GeoOttawa, Site visit
Areas of Natural and Scientific Interest (ANSI)	No ANSI on Phase One Property or within Phase One Study Area.	Ontario Ministry of Natural Resources Areas of Natural and Scientific Interest (ANSI) map
Provincial Parks or Conservation Reserves	No provincial parks or conservation reserves on Phase One Property or within Phase One Study Area.	Ministry of Natural Resources Natural Heritage Information Centre on-line database.
Provincially Significant Wetlands or Designated Wilderness Areas	No provincially significant wetlands or designated wilderness areas on Phase One Property or within Phase One Study Area.	Ministry of Natural Resources Natural Heritage Information Centre on-line database.
Environmentally Significant Areas per Municipal Official Plan(s)	No environmentally significant areas on Phase One Property or within Phase One Study Area.	City of Ottawa Conservation Areas website
Threatened or Endangered Species Habitat	A natural heritage report was not available for review.	No resources available
Wellhead Protection Areas	The Phase One Study Area is not located within a wellhead protection area or other area identified by a municipality in its official plan for the protection of ground water.	MECP Source Protection Atlas, Official Plans
Municipal Drinking Water Distribution Systems	Municipal distribution system.	Site visit, GeoOttawa

4.3.5 Well Records

Topic	Conditions (Well Record No.)	Comment / Source
Well Records	One WWIS record associated with the Phase One Property address is related to a monitoring well located on the southeastern portion of the Property. This record, from 2011, indicates that overburden consists of packed till. A more detailed description was not given. Reported depth to bedrock at this well is 2.44 m below ground surface (bgs). The bedrock is described as shale that turns to limestone at a depth of 19.8 mbgs. The 19 WWIS records identified in the Phase One Study Area, primarily relate to geotechnical investigations as part of the construction of the high-rise at 747 Richmond, and other buildings along Richmond in this area. There are a few records dating back to 1952/1953 relating to drinking water quality monitoring. No additional PCAs above those already noted in previous sections were identified.	ERIS Report, MECP WWIS

4.4 Site Operating Records

Based on information acquired during this Phase One ESA, the Phase One Property was partially vacant, partially used for small residential buildings, and partially used for railway tracks as of 1948. Between 1965 and 1976, the railway tracks were removed, and the off-site Unitarian Church was built. At this time, part of the lot is still vacant forested land, and part is gravel parking for the Church. As of 1999 (interviewees say 1982), the Phase One Property becomes partially paved. This remains the current use of the Property: parking (partially paved, partially gravel) and undeveloped forested/grassy area.

5.0 INTERVIEWS

Interviews consisted of requesting that Theia identify the person(s) meeting the general and specific objectives of the Phase One ESA (i.e. most knowledgeable of the history and operations of the Phase One Property and study area). Theia proposed the interview be conducted with Bill Van Iterson and Terry Kimmel (2023 Phase One ESA).

Bill and Terry were asked questions related to current and historical operations at the facility. Information gathered from the interviews is provided where relevant throughout this report. The most relevant information gathered from the interviewees (site representatives) concerning PCAs or APECs is as follows:

- The First Unitarian Church bought the property in 1967. Since then, the Site has not been used for any purposes other than parking.
- From 1967-1982, the land was partially vacant grassy land, partially gravelled parking area. Around approximately 1982, the Unitarian House (large L-shaped building to west of Site) was built, as well as the current parking lot layout.
- There is likely a small oil storage tank in a small addition to the Church, which houses their backup generator. No other known fuel storage on the Site.
- Other than the previously noted compost storage area, there are no sites for waste disposal.

- There are no groundwater wells on the Property used for drinking water.
- No known spills on the Site.
- No environmental investigations have been done on the Phase One Property since 1967.
- No known major filling or grading done on the Site that required the importation of large amounts of soil.
- No known vehicle/equipment servicing done on the Site.

Theia has confirmed that there have not been any material changes to the site or any environmental incidents since the 2023 Phase One ESA.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The site reconnaissance consisted of one site visit. The site visit was conducted by Keith Holmes of WSP. Keith is a Qualified Person under O. Reg. 153/04 for the purpose of conducting or supervising a Phase One ESA. Pertinent details of the site visit are included in the below table.

Date	Time and Duration	Personnel
August 22, 2023	11:30 am, 2 hrs	Keith Holmes
April 7, 2026	10:00 am 1 hr	

All areas of the Site were accessible during the site visit. Photographs taken during the site visits are presented in Appendix D.

6.2 Specific Observations at Phase One Property

The Site is currently occupied by a paved and gravel parking with undeveloped treed land located on the western and northern-most portion of the Site. The Site is situated between residential and institutional buildings located to the south and east of the Site. These buildings are part of the larger 30 Cleary Avenue property but are not included in the Site. The Site is accessed via Richmond Road.

No waste storage or chemical storage was noted on the Property, however there is compost bin storage on the east side of the paved parking lot. The location of a storage building containing landscaping equipment and materials on the south side of the gravel parking area in 2023 had been replaced by a construction site and material storage for the adjacent construction work to the south of the Site, with site office trailers, various construction materials and two generators.

Adjacent land uses were noted to be supplied by natural gas however, the residential building to the west-southwest of the Site was noted to have piping for a fuel AST for back up power. To the north of the Site is vacant forest followed by the parkway. To the south is commercial buildings and residential towers along Richmond Rd followed by the light rail train (LRT) which was actively under construction at the time of the site visit, but approaching completion with the construction of a station south of the Site. The property bordering the southern gravel parking lot was being used as a vehicle service garage, however no bulk fuel/waste oil storage was observed at this property. This garage is still considered a PCA. Two properties to the east of this garage (797 Richmond and part of 75 Cleary) had been excavated for the completion of a new building since the 2023 Phase One ESA.

The Site grade was sloping to the north from Richmond Road with the gravel parking area being higher in elevation than the paved portion of parking.

6.2.1 Above-Ground Structures

6.2.1.1 Current Above-Ground Structures

There are no above grade structures present. Temporary construction trailers are present at the south end of the Site.

6.2.1.2 Historical Above-Ground Structures

The former landscaping storage building at the south of the site, present in 2023, has been removed. No additional above-ground structures are known to have existed at the Phase One Property in the past.

6.2.2 Below-Ground Structures

6.2.2.1 Current Below-Ground Structures

With the exception of sewers and other buried utilities, there are no known below ground structures at the Phase One Property.

6.2.2.2 Historical Below-Ground Structures

No additional below-ground structures are known to have existed at the Phase One Property in the past.

6.2.3 Site Operations

6.2.3.1 Current Site Operations

The Phase One Property is currently being operated as a parking lot for the First Unitarian Church. A portion of the south end of the Site was actively being used as a construction office and material storage for the ongoing construction to the south of the Phase One Property.

6.2.3.2 Historical Site Operations

Based on information acquired during this Phase One ESA, the Phase One Property was partially vacant, partially used for small residential buildings, and partially used for railway tracks as of 1948. Between 1965 and 1976, the railway tracks were removed, and the off-site Unitarian Church (1076) was built. At this time, part of the Property is still vacant forested land, and part is gravel parking for the Church. As of 1999 (interviewees say 1982), the Phase One Property becomes partially paved for parking. This remains the current use of the Property: parking (partially paved, partially gravel) and undeveloped forested/grassy area.

6.2.4 Hazardous Waste

As noted in Section 4.2.1, there are no waste generator records associated with the Phase One Property.

6.2.5 Drains and Sumps

No drains or sumps were present in records or observed during site reconnaissance.

6.2.6 Mechanical Equipment

The only present equipment on the Property is the landscaping equipment stored in the small building on the south side of the gravel parking area.

6.2.7 Storage Tanks

WSP submitted a TSSA (Technical Standards and Safety Authority) request to search for records of fuel storage tanks on the Phase One Property or on surrounding properties. No records of fuel storage tanks were found in their database. The City of Ottawa HLUI search yielded a building permit application drawing showing a UST located 40 m from the Phase One Property between the two office buildings to the west, northwest. The UST was not observed at the time of the site visit and could have been obscured by current landscaping.

6.2.8 Spills and Releases

No spill records associated with the Phase One Property were identified in the ERIS search. No evidence of spills was noted during the site reconnaissance.

6.2.9 General Utility Services

There are no utility services for the Phase One Property. Utilities are available nearby, but there are no buildings on the Property, so no utilities have been connected to the Property.

6.2.10 Solid Waste Generation, Storage and Disposal

The only waste disposal on the Property is the compost bin on the east side of the paved parking lot. No other reported solid waste generation, storage, or disposal from/on the Phase One Property exist.

6.2.11 Air Emissions

There are no reported/registered air emissions associated with the Phase One Property.

6.2.12 Water Sources

As stated above, there are no utilities connected to the Phase One Property.

6.2.13 Wells

No wells (as defined in or under the Ontario Water Resources Act and the Oil, Gas and Salt Resources Act) were identified on the Phase One Property during the site reconnaissance.

6.2.14 Sewage Works

Based on observations made during the site reconnaissance and information collected during the records review, there are no sewage works present at the Phase One Property.

6.2.15 Ground Cover

The total area of the Phase One Property is approximately 10,890 m^2. Ground cover at the Phase One Property is broken down as follows:

- Approximately 60% undeveloped treed area
- Approximately 40% parking area/roadway (paved/gravel)

6.2.16 Fill Material

Evidence of fill material was noted during the site visit. The presence of fill material of unknown quality is identified as a PCA. Refer to section 4.1.6 for a summary of the 2023 Phase Two ESA.

6.2.17 Railway Lines and Rail Spurs

Based on information collected during the historical records review, the Canadian Pacific Railway rail corridor ran through the south of the Property until it was removed sometime between 1965 and 1976. The 1948 and 1956 FIPs and 1965 aerial photo show a rail track traversing the south-east portion of the Phase One Property, adjacent to a row of northeast-southwest oriented rectangular buildings. The historical railway related activity at the Phase One Property is identified as a PCA.

6.2.18 Special Attention Substances

There are no special attention substances records related with the Phase One Property.

6.2.19 Potentially Contaminating Activities

The presence of fill of unknown origin used in the historical grading of the Site was the only PCA as described in Table 2, Schedule D of O.Reg. 153/04 that was identified on the Phase One Property as a result of the site visit. The former railway and UST referenced in this section are also considered PCAs but were not observed at the time of the Site visit.

6.2.20 Unidentified Substances

There were no unidentified substances of note at the Phase One Property during the site visit.

6.2.21 Enhanced Investigation of Property

The Phase One Property is not considered an “enhanced investigation property,” as defined by O.Reg.153/04.

6.3 Investigation of Phase One Study Area

The site reconnaissance of the Phase One Study Area (other than the Phase One Property) was carried out as required by Section 14 of Schedule D in O. Reg. 153/04 to identify, locate and document PCAs, water bodies and areas of natural significance in the part of the Phase One Study Area that is outside of the Phase One Property and that is not covered by buildings or other structures. The investigation involved a combination of walking and windshield reconnaissance.

The auto repair shop (Dave Rennie’s) to the south of the Phase One Property was the only off-site PCA identified during the site reconnaissance. No relevant or significant observations pertaining to water bodies or areas of natural significance within the Phase One Study Area were made during the site reconnaissance.

6.4 Summary of Investigation

The investigations associated with the site reconnaissance of the Phase One Property and study area (as described in 6.1, 6.2, and 6.3 including subsections) involved one site visit and associated inquiries in accordance with Sections 13 and 14 of Schedule D in O. Reg 153/04 (as amended).

Two PCAs were identified within the Phase One Property and Phase One Study Area as a result of the site reconnaissance: the presence of fill of unknown origin used in the historical grading of the Site and the auto repair shop (Dave Rennie’s) to the south of the Phase One Property.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses of the Phase One Property

The table below provides a description of the current and past uses of the Phase One Property to its first developed use, as per Section 16 of Schedule D of O. Reg. 153/04.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
1948 - 1967	Crown land and/or private owners (unknown). Canadian Pacific Railway owned a portion of the Phase One Property along the southern limit	Some small residential buildings on west side of Property. Rail tracks in southeast portion.	Vacant, residential, railway.	Aerial photographs and FIPs from 1948-1965 indicate a few small residential buildings on the west side of the Property. Not listed in City Directory, their address is likely listed on a street to the west of the Property. Canadian Pacific Railway crosses southeastern portion of Property. Appears to be undeveloped forested area other than that.
1967 - Present	First Unitarian Congregation of Ottawa	Parking lot, undeveloped forested land	Parking lot	Gravel parking lot and forested land until 1982, when the present-day paved parking area was added.

7.2 Potentially Contaminating Activities

7.2.1 On the Phase One Property

PCAs identified on the Phase One Property as a result of the records review, interviews and site reconnaissance. are documented in the below table (as prescribed by O. Reg. 153/04 under Schedule D, Table 2). Refer to Figure 3 for locations of the PCAs.

Location	PCA Category	Description	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Property	46. Rail Yards, Tracks and Spurs	From approximately the late 1940s to mid 1960s, a rail track traversed the southeast portion of the Phase One Property, adjacent to a row of northeast-southwest oriented rectangular commercial buildings on the far side of the rail track.	Aerial photos, FIPs	The PCA is located on the Phase One Property and must be identified as an APEC. (APEC 1)
	30. Importation of Fill Material of Unknown Quality	Fill quality: Multiple redevelopments of Site have happened in the past, fill quality not documented. Phase Two ESA testing identified elevated salt impacts from the application of de-icing agents and one location of elevated barium (refer to Section 4.1.6. for a summary of the Phase Two ESA)	Aerial photos	The PCA is located on the Phase One Property and must be identified as an APEC. (APEC 2)

7.2.2 In the Phase One Study Area

PCAs that were identified within the Phase One Study Area (other than the Phase One Property) as a result of the records review, interviews and site reconnaissance (as prescribed by O. Reg. 153/04 under Schedule D, Table 2) are documented in the below table. PCAs in the Phase One Study Area are shown on Figure 3.

Given the high volume of PCAs in the Phase One Study Area, those that have been carried forward in consideration of APECs have been shaded light grey for ease of reference in Section 7.3.

PCAs and Spills Within Study Area, Other than Phase One Property

PCA Category	Location			Description	Years	Rationale for Potential Contribution of the PCA to an APEC
	Address	Dist. (m)	Dir.			
28, 10	801 Richmond Rd	5-10	S	Gasoline UST (4540 L) and coal yard - Leafloor Bros Coal and Wood Dave Rennie's Auto Repair shop	UST Installed 1960, coal shed present in 1948 and 1956. 1996-present	PCA is upgradient of Site. Given nature of chemicals used in auto garages, and former storage of coal, PCA is carried forward as contributing to APEC 1.
28	Unitarian Church of Ottawa (adjacent to east of Property)	40	E	Fuel Oil UST (9080 L) – Unitarian Church of Ottawa	Installed 1966	UST is cross gradient/downgradient location with respect to groundwater flow direction. As such, PCA is not considered to result in an APEC.
28	775 Richmond Rd	40	E	Two gasoline USTs – Gasoline Service Station (unnamed)	FIP years 1948-1956	PCA is in close proximity and is upgradient of Site. PCA is carried forward as contributing to APEC 1.
46	Between Richmond Rd and Byron Ave	60	S	Ottawa Electric Railway – streetcar public transit system. Ran parallel to Richmond Rd, adjacent to Byron Ave.	Approx. 1906-1954	Given distance from the Site and relatively immobile nature of the contaminants associated with this PCA (railway fill), this PCA is not considered to result in an APEC. As well, this infrastructure has been removed as part of the current LRT construction.
28	75 Cleary Ave	60	E	Four gasoline storage tanks (total 13,000 gal, unspecified whether AST or UST), three fuel oil tanks (total 1000+ gal, two are USTs), one waste oil tank (1000 gal) – Gasoline Service Station - Sunoco Energy Inc.	1955-1980	PCA is upgradient of Site with respect to groundwater flow direction. Given high volume of contaminant storage, PCA is carried forward as contributing to APECs 1.

PCAs and Spills Within Study Area, Other than Phase One Property

PCA Category	Location			Description	Years	Rationale for Potential Contribution of the PCA to an APEC
	Address	Dist. (m)	Dir.			
--	Kichi Zībī Mīkan Parkway and Cleary Ave	80	E	SPL – Hydraulic oil leak from crane (Kiewit Eurovia Vinci (KEV))	2021	Spill is downgradient of Site with respect to groundwater flow direction. As such, spill is not considered to result in an APEC.
28	851 Richmond Rd	100	S	Gasoline ASTs (Sunlight Oil Co.) Three gasoline USTs (three 13,620 L tanks) – BP Canada Gas Station	1939-1958 Inst. 1958	PCA is cross gradient/upgradient of Site with respect to groundwater flow direction. Given large quantities of gasoline USTs, PCA is carried forward as contributing to APECs 3.
28	865 Richmond	140	S	Two USTs (unknown product type or size) – BP Canada Gas Station	Approx. 1948-1970	Based on groundwater flow direction and distance from the Site, this PCA is not considered to result in an APEC.
--	Sherbourne Rd and Byron Ave	140	S	SPLa – 5L hydraulic oil to ground (KEV) SPLb – 2L diesel exhaust fluid to soil (KEV) SPLc – 20L hydraulic oil to rock floor of tunnel (KEV) SPLd – 1L diesel to soil (KEV)	SPLa – 2021 SPLb – 2021 SPLc – 2021 SPLd – 2021	Given distance from the Site and small quantities of spills, these are not considered to result in an APEC.
28, 37	747 Richmond Rd	150	E	Multiple gasoline and fuel oil USTs – Shell Gas Station Dry cleaning depot (unnamed)	Inst. 1954, 1964, 1974 2006	Based on distance from the Site and cross gradient location with respect to groundwater flow direction, these PCAs are not considered to result in an APEC.
--	Just east of 75 Cleary Ave	160	E	SPL – 0.5L unknown hydrocarbons (KEV)	2021	Given low quantity of spill and distance from Site, spill is not considered to result in an APEC.
--	2122 Wayne Ave	170	W	SPL – 20L hydraulic oil to land (Lehigh Hanson Canada ULC)	2019	Given low quantity of spill and distance from Site, spill is not considered to result in an APEC.

PCAs and Spills Within Study Area, Other than Phase One Property

PCA Category	Location			Description	Years	Rationale for Potential Contribution of the PCA to an APEC
	Address	Dist. (m)	Dir.			
--	Byron Park to the east across from 851 Richmond Rd	180	S	SPL – 1L hydraulic oil to soil and rock (KEV)	2021	Given low quantity of spill and distance from Site, spill is not considered to result in an APEC.
28	739 Richmond Rd	180	E	Two USTs (unknown product type or size) – Unnamed Gasoline Service Station	FIP year 1956	Based on the distance from the Site and cross gradient location with respect to groundwater flow direction, this PCA is not considered to result in an APEC.
--	Clearly Ave and Richmond Rd	190	E	SPL – 100L diesel to ground (no client name given) SPL – 20L hydraulic oil to asphalt and walkway (unnamed client) SPL – 1L grease spill (KEV) SPe – 5L hydraulic oil to ground (KEV)	2016 2021 2021 2021	Based on distance from sit and quantity of spills, these are not considered to result in an APEC. As well, any spill reported in the last 15 years would have required action by MECP.
--	Near 100 Byron Ave	220	S	SPL – 2L hydraulic oil to excavated pit with snow melt (KEV)	2021	Given low quantity of spill and distance from Site, spill is not considered to result in an APEC.
28	875 Richmond	220	S	Three gasoline USTs – Capital City Gas Gasoline Service Stations: ▪ Saveway Gas ▪ Little Oil Company Ltd.	Inst. 1972 1990 1980	Based on distance from the Site and cross gradient location relative to groundwater flow direction, these PCAs are not considered to result in an APEC.
--	Richmond Rd and Redwood Ave	230	E	SPL – 1L hydraulic oil spill	2021	Given low quantity of spill and distance from Site, this spill is not considered to result in an APEC.

7.3 Areas of Potential Environmental Concern

The table below identifies and describes APECs in accordance with clause 16 (2) (a) in Schedule D of O. Reg. 153/04. Each PCA was evaluated in accordance with the criteria described in Section 7.3.1. Refer to Figure 4 for location of APECs on the Phase One Property. See Section 7.3.2 for further description of contaminants of potential concern (COPCs).

Area of Potential Environmental Concern (APEC)[1]	Location of APEC on Phase One Property	PCA No.[2]	PCA – on-site or off-site	Contaminants of Potential Concern (COPCs)[3]	Media Potentially Impacted
APEC-1 Southeast gravel parking area ▪ Former railway on-site ▪ Multiple gasoline service stations off-site ▪ Auto repair shop off-site	Southeast corner of Property.	46, 28, 10,	On-site and off-site	PHCs BTEX PAHs Metals	Soil and Groundwater
APEC-2 Entire Phase One Property ▪ Fill material of unknown quality	Entire Phase One Property	30	On-site	PHCs BTEX PAHs Metals Inorganics	Soil
APEC-3 Southwest corner of Property ▪ Multiple gasoline USTs and ASTs off-site ▪ Multiple gasoline service stations off-site	L-shaped section in the southwest corner of the Property, extending halfway up the western boundary and the same distance along a portion of the southern boundary.	28	Off-site	PHCs BTEX	Soil and Groundwater

Notes:
1 Area of potential environmental concern means the area on, in or under a Phase One Property where one or more contaminants are potentially present, as determined through the phase one environmental site assessment, including through, •(a) identification of past or present uses on, in or under the Phase One Property, and •(b) identification of potentially contaminating activity.
2 Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a Phase One Study Area
3 Contaminants of potential concern specified using the method groups as identified in the "Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011
4 PHCs = Petroleum hydrocarbons. BTEX = Benzene, toluene, ethyl benzene, Xylenes. PAHs = Polycyclic aromatic hydrocarbons. VOCs = Volatile organic compounds.

7.3.1 Evaluation and Reasoning

WSP's evaluation related to the existence of APECs on, in or under the Phase One Property was based on the review of available information and exercise of professional judgement. All of the identified PCAs were evaluated in the context of:

- Distance and direction from the Site in relation to the inferred direction of groundwater flow.
- The age of the PCA.
- Changes/redevelopment to the property on which the PCA is located since the occurrence of the PCA.
- The potential for the PCA to generate lasting, mobile contamination.

PCAs were not carried forward as APECs if the above evaluation determined that they did not have potential of posing an actual risk to the environmental condition of the Phase One Property. All of the PCAs identified on the Phase One Property have been carried forward as APECs based on the evidence collected through the Phase One ESA and the above evaluation. Select PCAs identified within the study area (other than the Phase One

Property) were carried forward and included in/influenced APECs at the Phase One Property for the following logic and reasoning:

- Multiple gasoline service stations and auto repair shop – **APEC 1** on gravel parking area in southwest side of Phase One Property based on proximity, groundwater flow direction, and nature of operations.
- Multiple gasoline stations with USTs and ASTs – **APEC 3** on southwest corner of Phase One Property based on proximity, groundwater flow direction, and nature of operations.

No other PCAs from the broader Phase One Study Area were carried forward as APECs based on the evaluation criteria.

7.3.2 Summary Description and Rationale for COPCs

COPCs identified in one or more APECs at the Phase One Property include the following:

- Benzene, toluene, ethylbenzene and xylenes (BTEX)
- Petroleum Hydrocarbons (PHCs)
- Polycyclic Aromatic Hydrocarbons (PAHs)
- Metals
- Inorganics

COPCs identified with respect to each APEC are summarized the following table.

APEC	Rational for COPCs
APEC 1 – Southeast gravel parking area PHCs BTEX PAHs Metals	**Former Railway** The primary concern associated with the former rail tracks is past loading and off-loading and potential spills of petroleum or other potentially hazardous substances associated with surrounding industrial activities of the time. The rail ties themselves may have been treated with creosote. COPCs associated with the railways and coal yard are PHCs/BTEX, PAHs, and metals. **Dave Rennie's Auto Repair Shop** Auto repair shops can be a significant source of contamination. Solvents, degreasers, brake cleaners, and other chemicals used in these shops can create mobile and long-lasting contamination of soils and groundwater. COPCs include PHCs, BTEX, PAHs, and metals. **Gasoline Service Stations, Gasoline USTs/ASTs** COPCs associated with petroleum products and storage tanks are PHCs, BTEX.
APEC 2 – Entire Phase One Property PHCs BTEX PAHs Metals Inorganics	Imported fill material associated with development of the Site is present. The fill has been characterised as part of the Phase Two ESA, which identified elevated salt related impacts from the application of de-icing agents and elevated barium in one location. None of the other COPCs associated with this APEC were identified in the Phase Two ESA.

APEC	Rational for COPCs
APEC 3 – Southwest corner of Property PHCs BTEX	**Gasoline Service Stations, Gasoline and Fuel Oil USTs/ASTs** COPCs associated with petroleum products and storage tanks are PHCs, BTEX.

7.3.3 Uncertainties

Subsection (6) of Schedule D of O. Reg 153/04 requires consideration and documentation of how any uncertainty or absence of information obtained in each of the components of the Phase One ESA could affect the validity of the conclusions, tables and phase one conceptual site model (refer to Section 7.4 for further description of the phase one conceptual site model).

Records Review

Some of the records information provided from various sources does not contain enough information to conclusively determine if the record is indicative of a PCA. Similarly, volumes of potential contaminants associated with records in the city directory/HLUI/ERIS for various land uses (e.g. manufacturers or institutions) can not be determined.

Other common Phase One ESA uncertainties are associated with lack of FIP coverage, aerial photographs with small scale coverage (i.e. small detail vs. large detail), and unplottable records in the ERIS report.

The above noted uncertainties associated with the records review do not affect the conclusions of the Phase One ESA because the conclusions take into account the above-described uncertainties while considering other evidence and factors.

Interviews

There are uncertainties associated with the potential for limited direct knowledge of the older history of the Phase One Property prior to the interviewee's involvement. Uncertainty associated with the interviews does not affect the conclusions of the Phase One ESA because the conclusions are conservative and take into account the above-described uncertainty.

7.4 Phase One Conceptual Site Model

As part of the requirements of Part V in Schedule D of O. Reg. 153/04, a phase one conceptual site model (CSM) was developed as part of the review and evaluation.

The phase one CSM consists of a figure and narrative descriptions that are intended to illustrate the results of the Phase One ESA and to provide a basis of further work if required.

The phase one CSM is illustrated in Figures 3 and 4. The narrative is provided below, in accordance with the mandatory requirements of Table 1 of Schedule D.

7.4.1 Areas of PCAs Potentially Affecting the Phase One Property

Refer to Section 7.2 for a description of areas of PCAs identified on the Phase One Property and in the Phase One Study Area. Refer to Section 7.3 for a description of APECs on the Phase One Property based on the identified PCAs.

7.4.2 Potential Influence of Underground Utilities

COPCs have the potential to preferentially migrate in utility backfills at and surrounding the Phase One Property. It is possible that potential impacts associated with off-site PCAs could be intercepted by intervening underground utilities, however; they remain a concern due to their proximity to the Phase One Property and potential for impacts that may extend deeper than utility trenches.

7.4.3 Regional or Site Specific Geological/Hydrogeological Information

Based on the records review the following is likely true of the Phase One Property:

- Based on geological mapping, the Phase One Property overburden is stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain. The thickness of this till ranges from approximately 0.3 – 1.7 m. Monitoring well records associated with the Phase One Property indicate that unconsolidated material beneath the Phase One Property consists primarily of packed till materials.
- Bedrock is expected to be Middle Ordovician limestone and shale from the Ottawa and Simcoe Groups and the Shadow Lake Formation.
- The Phase One Property is located on a topographic flat area with and elevation of approximately 62 m above sea level (MASL). The Site is sloping down to the north from Richmond Rd, with the gravel parking area to the south being higher elevation than the paved portion of the parking area to the north.
- Based on WSP's 2023 Geotechnical investigation, depth to groundwater ranges from approximately 3.39 to 3.59 mbgs.
- There are no permanent surface water bodies or areas of standing water on the Phase One Property. The nearest open water body is the Ottawa River, which is to the north and west of the Property. The closest part of the river to the Site is about 130 metres to the north.
- Surface runoff is directed to five storm sewer manholes located on the Phase One Property.
- Based on topography and orientation of surface water bodies shallow groundwater at the Site is expected to flow toward the northwest. However, shallow groundwater flow on the Phase One Property and in the Phase One Study Area may be variable and influenced by the presence of subsurface utilities. Regional groundwater flow is expected to be toward the Ottawa River, located to the northwest of the Phase One Property.

7.4.4 Uncertainties Associated with CSM

Uncertainties associated with the Phase One ESA are identified in Section 7.3.3 and can also be considered for the phase one CSM.

Additional uncertainties to consider from the context of the CSM include:

- Location and distribution of COPCs laterally and vertically across the Site.
- Site utilities and unknown effect of utilities on migration patterns of COPCs.
- Varying COPCs and differing migration behaviours in soils and groundwater.

8.0 CONCLUSIONS

As per Part V, Section 16 of O. Reg. 153/04, WSP has reviewed, evaluated and interpreted the information obtained from the records review, the interviews and the site reconnaissance components of this Phase One ESA so as to achieve the general and specific objectives of a Phase One ESA.

Based on a review of the available information and the exercise of professional judgment, WSP has identified three APECs on the Phase One Property.

APEC 1: Southeast gravel parking area

- Former railway, multiple gasoline service stations and fuel oil USTs and ASTs, auto repair shop.
- COPCs related to APEC 1 include PHCs, BTEX, PAHs, and Metals.

APEC 2: Entire Phase One Property.

- Imported fill material associated with development of the Site has not been proven to be clean of potential COPCs through analytical testing.
- COPCs related to APEC 2 include PHCs, BTEX, PAHs, metals, and inorganics.

APEC 3: Southwest corner of Phase One Property

- Multiple gasoline stations with USTs and ASTs.
- COPCs related to APEC 4 include PHCs and BTEX.

Following the identification of the APECs, a Phase Two ESA was completed by WSP to evaluate each of the three APECs. The findings of the Phase Two ESA indicated that none of the COPCs attributed to the APECs exceeded their respective criteria, however elevated salt impacts were noted in three of the six locations investigated due parking lot salt application in winter months. Additionally, a minor exceedance of barium was noted in one location but was inferred to be of natural origin, however, being in fill (APEC 2), it could not entirely be discounted as being associated with the fill.

The Phase Two ESA did not recommend any further investigation, however, additional testing of soil would likely be required to fully characterise excess soil, as required under O.Reg. 406/19.

Given the current land use being institutional, a Record of Site Condition (RSC) will not be required prior to redevelopment for compliance with the O. Reg. 153/04.

9.0 REFERENCES

The following documents and/or data were cited in this report:

Source	Date
Chapman, L.J. and Putnam, D.F. 2007. Physiography of Southern Ontario; Ontario Geological Survey, Miscellaneous Release — Data 22	2007
City of Ottawa Conservation Areas website	Accessed 2023
ERIS Report – obtained by ERIS on behalf of WSP	August 23, 2023
GeoOttawa website – Aerial Photos	Accessed 2023
Historic Land Use Index (HLUI)	2023
Ontario Geological Survey (OGS), 2010. Surficial geology of southern Ontario; Ontario Geological Survey, Miscellaneous Release— Data 128 – Revised	2010
Ontario Geological Survey (OGS). 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release---Data 126-Revision 1	2011
Ontario Ministry of the Environment Conservation and Parks (MECP). Water Well Information System (WWIS) Well Records Database.	Accessed 2023
Ontario Ministry of Natural Resources Areas of Natural and Scientific Interest (ANSI) map	Accessed 2023
WSP Geotechnical Investigation. 30 Cleary Avenue, Ottawa, Ontario	2023
WSP Phase One ESA. 30 Cleary Avenue, Ottawa, Ontario	2023
WSP Phase Two ESA Investigation. 30 Cleary Avenue, Ottawa, Ontario	2023

10.0 LIMITATIONS AND USE OF REPORT

This report (the Report) was prepared for the exclusive use of Theia Partners Inc. (Theia) for the express purpose of providing advice with respect to the environmental condition of the Site. In evaluating the Site, WSP Canada Inc. (WSP) has relied in good faith on information provided by others as noted in the Report. We have assumed that the information provided is factual and accurate. We accept no responsibility for any deficiency, misstatement or inaccuracy contained in this Report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted, or incomplete or inaccurate historical information from the various agencies. Any use which a third party makes of this Report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third party. If a third party requires reliance on this Report, prior written authorization from WSP is required. WSP disclaims any responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The scope and the period of WSP's assessment are described in this Report, and are subject to restrictions, assumptions and limitations. Except as noted herein, the work was conducted in accordance with the scope of work and terms and conditions within WSP's proposal. Distances noted in this report were determined using mapping data of variable accuracy and should therefore be considered approximate. WSP did not perform a complete assessment of all possible conditions or circumstances that may exist at the site referenced in the Report. Conditions may therefore exist which were not detected given the limited nature of the assessment WSP was retained to undertake with respect to the Site and additional environmental studies and actions may be required. In addition, it is recognized that the passage of time affects the information provided in the Report. WSP's opinions are based upon information available to WSP as of the date of the Site visit. It is understood that the services provided for in the scope of work allowed WSP to form no more than an opinion of the actual conditions at the Site at the time of the site visit and cannot be used to assess the effect of any subsequent changes in any laws or regulations and the environmental quality of the Site or its surroundings. Asbestos and mould surveys were not performed. Consult with a natural heritage specialist to confirm whether an area of natural significance may be present. If a service is not expressly indicated, do not assume it has been provided.

The results of an assessment of this nature should in no way be construed as a warranty that the Site is free from any and all contamination from past or current practices.

11.0 CLOSURE

The Qualified Person confirms that the Phase One ESA was conducted and/or supervised by the Qualified Person and that all findings and conclusions of the Phase One ESA are included in the report.

We trust that the information presented in this report meets your current requirements. Should you have any questions or concerns, please do not hesitate to contact the undersigned.

WSP Canada Inc.

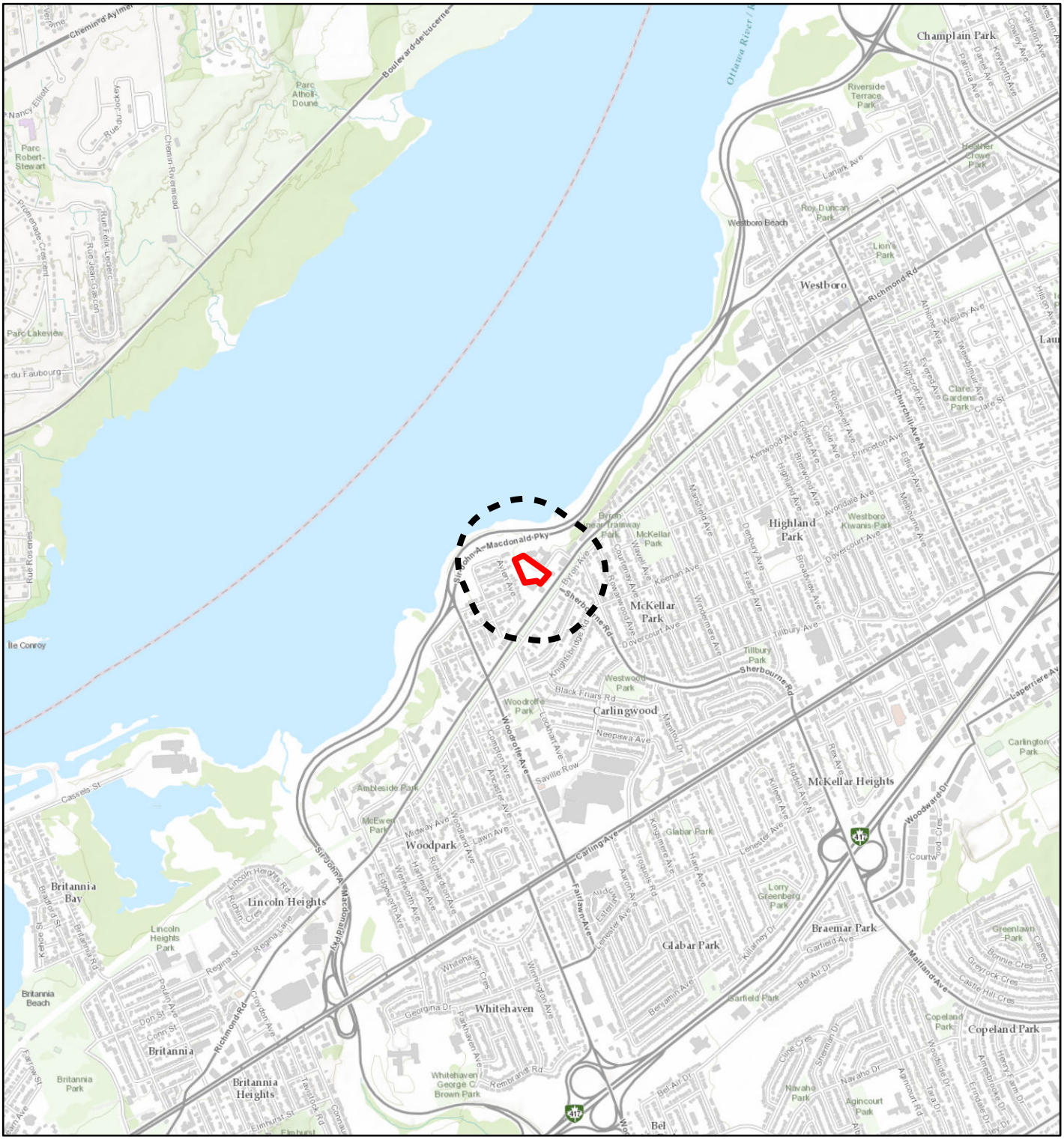


Keith Holmes, P.Geo. QPesa
Principal Geoscientist

OLE/KPH/sg

https://wsponlinecan.sharepoint.com/sites/ca-ca0083769447/shared documents/06. deliverables/4_reports/environmental site assessment/phase one esa update/ca0008376.9447_phase one update_30 clearyave_10apr2026.docx

Figures



LEGEND

PHASE ONE SITE

PHASE ONE STUDY AREA (250 m)

0 250 500 1,000

1:25,000 METRES

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO
2. BASE MAP: CITY OF OTTAWA, VILLE DE GATINEAU, PROVINCE OF ONTARIO, ESRI CANADA, ESRI, HERE, GARMIN, INCREMENT P, USGS, METI/NASA, EPA, USDA, AAFC, NRCAN
3. COORDINATE SYSTEM: NAD 1983 MTM 9

CLIENT
THEIA PARTNERS INC.

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
30 CLEARY AVENUE, OTTAWA, ONTARIO

TITLE
PHASE ONE PROPERTY LOCATION

CONSULTANT

wsp

YYYY-MM-DD	2023-11-08
DESIGNED	----
PREPARED	MG
REVIEWED	OLE
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
CA0008376.9447	0002	0	1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI A

25mm

0

PATH: S:\Clients\Theia Partners\Ottawa 30 Cleary Ave\69 PROJ\CA0008376.9447 Theia Partners\40 PRO\0002 Phase I ESA\CA0008376.9447-0002-HS-0000.aprx PRINTED ON: AP, 10/31/11 AM



LEGEND

- ROADWAY
- TOPOGRAPHIC CONTOUR, METRES
- WATERBODY
- PHASE ONE SITE
- PHASE ONE STUDY AREA (250 m)

0 50 100 200

1:3,500 METRES

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO
2. IMAGERY: CITY OF OTTAWA, 2022
3. COORDINATE SYSTEM: NAD 1983 MTM 9

CLIENT
THEIA PARTNERS INC.

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
30 CLEARY AVENUE, OTTAWA, ONTARIO

TITLE
PHASE ONE STUDY AREA

CONSULTANT

wsp

YYYY-MM-DD	2023-11-08
DESIGNED	----
PREPARED	MG
REVIEWED	OLE
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
CA0008376.9447	0002	0	2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

0 25mm

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LEGEND

- POTENTIALLY CONTAMINATING ACTIVITY (PCA) LOCATION
- PHASE ONE SITE
- PHASE ONE STUDY AREA (250 m)

PCA ID	PCA Category	Description
1	46	Rail tracks
2	30	Fill of unknown quality
3	28	Gasoline UST
4	10	Auto repair shop
5	28	Fuel oil UST
6	28	Two gasoline USTs - Gas station
7	46	Ottawa Electric Railway
8	28	Multiple gasoline and oil tanks - Gas station
9	28	Gasoline USTs and ASTs
10	28	Two USTs - Gas Station
11	28	Multiple gasoline and fuel oil USTs
12	37	Dry cleaning depot
13	28	Two USTs - Gas station
14	28	Three gasoline USTs - Multiple gas stations

0 25 50 100

1:2,500 METRES

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE
2. SEVERAL SPILLS WERE NOTED IN THE PHASE ONE STUDY AREA THAT ARE NOT MAPPED, BUT THESE SPILLS ARE NOT CONSIDERED PCAS OR AS RESULTING IN AN APEC.

REFERENCE(S)

1. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO
2. IMAGERY: CITY OF OTTAWA, 2022
3. COORDINATE SYSTEM: NAD 1983 MTM 9

CLIENT
THEIA PARTNERS INC.

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
30 CLEARY AVENUE, OTTAWA, ONTARIO

TITLE
POTENTIALLY CONTAMINATING ACTIVITIES

CONSULTANT

YYYY-MM-DD	2023-11-08
DESIGNED	----
PREPARED	MG
REVIEWED	OLE
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
CA0008376.9447	0002	0	3

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

25mm

0

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LEGEND

PHASE ONE SITE

AREA OF POTENTIAL ENVIRONMENTAL CONCERN (APEC) LOCATION

APEC 1

APEC 2 (SITE-WIDE)

APEC 3

APEC ID	PCA Category	Description of PCAs attributing to APEC
APEC 1	10, 28, 46	PCA 1: Former railway on-site PCA 3, 6, 8: Multiple gasoline service stations and USTs/ASTs PCA 4: Auto repair shop off-site
APEC 2	30	PCA 2: Fill material of unknown quality
APEC 3	28	PCA 9, 10: Multiple gasoline service stations and USTs/ASTs

0 12.5 25 50

1:1,000 METRES

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO
2. IMAGERY: CITY OF OTTAWA, 2022
3. COORDINATE SYSTEM: NAD 1983 MTM 9

CLIENT

THEIA PARTNERS INC.

PROJECT

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
30 CLEARY AVENUE, OTTAWA, ONTARIO

TITLE

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

CONSULTANT

wsp

YYYY-MM-DD	2023-11-08
DESIGNED	----
PREPARED	MG
REVIEWED	OLE
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
CA0008376.9447	0002	0	4

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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B
0 25mm

APPENDIX A

ERIS Reports

CITY DIRECTORY

Project Property:	*30 Cleary* *30 cleary avenue* *Ottawa,ON K2A 3Z9*
Project No:	*CA0008376.9447*
Requested By:	*WSP Canada Inc.*
Order No:	*23091200148*
Date Completed:	*September 12, 2023*

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

September 12, 2023
RE: CITY DIRECTORY RESEARCH
30 cleary avenue
Ottawa,ON K2A 3Z9

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:

75 of Cleary Avenue
30 of Cleary Avenue
40 of Cleary Avenue
809 of Richmond Road
801 of Richmond Road
797 of Richmond Road

Search Notes:

Search Results Summary

Date	Source	Comment
2021	DIGITAL BUSINESS DIRECTORY	
2017	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2006/07	VERNONS	
2001/02	VERNONS	
1996/97	VERNONS	
1992	VERNONS	
1987	VERNONS	
1981/82	VERNONS	
1976	VERNONS	
1971	VERNONS	
1965	VERNONS	
1960	VERNONS	
1956	VERNONS	
1950	VERNONS	

2021 CLEARY AVENUE

SOURCE: DIGITAL BUSINESS DIRECTORY

30 **ANCOURA INC**...*SERVICES NEC*
30 **FIRST UNITARIAN CONGREGATION**...*CHURCHES*
30 **RIVER PARKWAY PRE-SCHOOL CTR**...*CHILD CARE SERVICE*
40 **RIVER PARKWAY PRE-SCHOOL CTR**...*CHILD CARE SERVICE*

2021 RICHMOND ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

797 **DENTECH INC**...*LABORATORIES-DENTAL*
797 **LIMA DENTURE-IMPLANT SOLUTIONS**...*DENTURISTS*
797 **LIMA DENTURE-IMPLANT SOLUTIONS**...*DENTISTS*
801 **DAVE RENNIE'S AUTOCARE**...*AUTOMOBILE REPAIRING & SERVICE*
801 **DAVE RENNIE'S AUTOCARE**...*AUTOMOBILE INSPECTION STATIONS-NEW/USED*
809 **KRISTY'S RESTAURANTS INC**...*FOODS-CARRY OUT*

2017 CLEARY AVENUE

SOURCE: DIGITAL BUSINESS DIRECTORY

30 **FIRST UNITARIAN CONGREGATION**...*RELIGIOUS ORGANIZATION*
30 **GREEN COMMUNITIES CANADA**...*CHARITABLE INSTITUTIONS*
30 **RIVER PARKWAY PRE-SCHOOL CTR**...*CHILD DAY CARE SVCS*

2017 RICHMOND ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

797 **DENTECH INC**...*DENTAL LABORATORIES*
797 **JOSEPH LIMA CLINIQUE**...*OFFICES OF DENTISTS*
801 **DAVE RENNIE'S AUTOCARE**...*ALL OTHER AUTOMOTIVE REPAIR & MAINTENANCE*
801 **DAVE RENNIE'S AUTOCARE**...*GENERAL AUTOMOTIVE REPAIR*
809 **KRISTY'S RESTAURANTS INC**...*FULLSERVICE RESTAURANTS*
809 **KRISTY'S RESTAURANTS INC**...*FULL-SERVICE RESTAURANTS*

2012 CLEARY AVENUE

SOURCE: DIGITAL BUSINESS DIRECTORY

30 **FIRST UNITARIAN CONGREGATION**...*RELIGIOUS ORGANIZATION*
30 **RIVER PARKWAY PRE-SCHOOL CTR**...*CHILD DAY CARE SVCS*

2012 RICHMOND ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

797 **DENTECH**...*DENTAL LABORATORIES*
797 **DENTECH INC**...*DENTAL LABORATORIES*
797 **JOSEPH LIMA DENTURE CLINIC**...*OFFICES OF DENTISTS*
801 **DAVE RENNIE'S AUTOCARE**...*GENERAL AUTOMOTIVE REPAIR*
809 **KRISTY'S RESTAURANTS INC**...*FULL-SERVICE RESTAURANTS*

2006/07 CLEARY AVENUE

SOURCE: VERNONS

30	FIRST UNITARIAN CONGREGATION OF OTTAWA
30	RIVER PARKWAY PRE-SCHOOL CENTRE
40	ADDRESS NOT LISTED
75	ADDRESS NOT LISTED

2006/07 RICHMOND ROAD

SOURCE: VERNONS

797	ADDRESS NOT LISTED
801	DAVE RENNIE'S AUTOCARE
809	KRISTY'S RESTAURANTS INC

2001/02 CLEARY AVENUE

SOURCE: VERNONS

30	FIRST UNITARIAN CONGREGATION OF OTTAWA
30	RIVER PARKWAY PRE-SCHOOL CENTRE
40	ADDRESS NOT LISTED
75	ADDRESS NOT LISTED

2001/02 RICHMOND ROAD

SOURCE: VERNONS

797	ADDRESS NOT LISTED
801	DAVE RENNIE'S AUTOCARE
809	KRISTY'S RESTAURANTS INC

1996/97 CLEARY AVENUE

SOURCE: VERNONS

30	FIRST UNITARIAN CONGREGATION OF OTTAWA
30	RIVER PARKWAY PRE-SCHOOL CENTRE
40	ADDRESS NOT LISTED
75	ADDRESS NOT LISTED

1996/97 RICHMOND ROAD

SOURCE: VERNONS

797	HARVEY'S RESTAURANT
801	DAVE RENNIE'S AUTOCARE
809	KRISTY'S RESTAURANTS INC

1992 CLEARY AVENUE

SOURCE: VERNONS

30	FIRST UNITARIAN CONGREGATION OF OTTAWA
30	RIVER PARKWAY PRE-SCHOOL CENTRE
40	ADDRESS NOT LISTED
75	ADDRESS NOT LISTED

1992 RICHMOND ROAD

SOURCE: VERNONS

797	HARVEY'S RESTAURANT
801	ADDRESS NOT LISTED
809	CRISTAL ROSE CATERING
809	KRISTY'S RESTAURANTS INC

1987 CLEARY AVENUE

SOURCE: VERNONS

30	**STREET NOT LISTED**
40	**STREET NOT LISTED**
75	**STREET NOT LISTED**

1987 RICHMOND ROAD

SOURCE: VERNONS

797	**HARVEY'S DRIVE-IN RESTAURANT**
801	**ADDRESS NOT LISTED**
809	**KRISTY'S ROAD HOUSE**

1981/82 CLEARY AVENUE

SOURCE: VERNONS

30	**STREET NOT LISTED**
40	**STREET NOT LISTED**
75	**STREET NOT LISTED**

1981/82 RICHMOND ROAD

SOURCE: VERNONS

797	**HARVEY'S FOOD LTD**
801	**ADDRESS NOT LISTED**
809	**FULLER'S RESTAURANT**

1976 CLEARY AVENUE

SOURCE: VERNONS

30 **STREET NOT LISTED**
40 **STREET NOT LISTED**
75 **STREET NOT LISTED**

1976 RICHMOND ROAD

SOURCE: VERNONS

797 **HARVEY'S FOOD LTD**
801 **ADDRESS NOT LISTED**
809 **FULLER'S RESTAURANT**

1971 CLEARY AVENUE

SOURCE: VERNONS

30 **STREET NOT LISTED**
40 **STREET NOT LISTED**
75 **STREET NOT LISTED**

1971 RICHMOND ROAD

SOURCE: VERNONS

797 **HARVEY'S FOOD LTD**
801 **ADDRESS NOT LISTED**
809 **ROYAL BURGER, DRIVE-IN**

1965 CLEARY AVENUE

SOURCE: VERNONS

30	**STREET NOT LISTED**
40	**STREET NOT LISTED**
75	**STREET NOT LISTED**

1965 RICHMOND ROAD

SOURCE: VERNONS

797	**HARVEY'S FOOD LTD**
801	**ADDRESS NOT LISTED**
809	**ROYAL BURGER, DRIVE-IN**

1960 CLEARY AVENUE

SOURCE: VERNONS

30	**STREET NOT LISTED**
40	**STREET NOT LISTED**
75	**STREET NOT LISTED**

1960 RICHMOND ROAD

SOURCE: VERNONS

797	**SINGLE TENANT RESIDENTIAL**
801	**SINGLE TENANT RESIDENTIAL**
809	**ROYAL BURGER, DRIVE-IN**

1956 CLEARY AVENUE

SOURCE: VERNONS

30 **STREET NOT LISTED**
40 **STREET NOT LISTED**
75 **STREET NOT LISTED**

1956 RICHMOND ROAD

SOURCE: VERNONS

797 **SINGLE TENANT RESIDENTIAL**
801 **SINGLE TENANT RESIDENTIAL**
809 **ADDRESS NOT LISTED**

1950 CLEARY AVENUE

SOURCE: VERNONS

30 **STREET NOT LISTED**
40 **STREET NOT LISTED**
75 **STREET NOT LISTED**

1950 RICHMOND ROAD

SOURCE: VERNONS

797 **ADDRESS NOT LISTED**
801 **ADDRESS NOT LISTED**
809 **ADDRESS NOT LISTED**

DATABASE REPORT

Project Property:	*30 Cleary* *30 Cleary Avenue* *Ottawa ON K2A 3Z9*
Project No:	*CA0008376.9447*
Report Type:	*Standard Report*
Order No:	*23082200016*
Requested by:	*WSP Canada Inc.*
Date Completed:	*August 23, 2023*

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

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Executive Summary

Property Information:

Project Property:	*30 Cleary* *30 Cleary Avenue Ottawa ON K2A 3Z9*
Project No:	*CA0008376.9447*

Coordinates:

Latitude:	*45.3816656*
Longitude:	*-75.772462*
UTM Northing:	*5,025,640.22*
UTM Easting:	*439,523.75*
UTM Zone:	*18T*

Elevation:	*204 FT* *62.18 M*

Order Information:

Order No:	*23082200016*
Date Requested:	*August 22, 2023*
Requested by:	*WSP Canada Inc.*
Report Type:	*Standard Report*

Historical/Products:

ERIS Xplorer	*ERIS Xplorer*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
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	1	1
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	2	2
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	2	2
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	5	5
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	8	8
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	2	2
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	1	1
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	3	3
SPL	Ontario Spills	Y	0	18	18
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	19	20
	Total:		1	65	66

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		30 CLEARY AVE OTTAWA ON ***Well ID:*** 7162152	NE/35.0	-0.31	24

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	ECA	The First Unitarian Congregation of Ottawa	40 Cleary Parkway Ottawa ON	SSE/55.6	0.73	31
3	BORE		ON	ENE/62.9	-0.62	31
4	BORE		ON	NNE/67.5	-1.25	33
5	SPL		Sir John A Macdonald and Cleary Ave, Ottawa OTTAWA ON	ENE/82.3	-0.38	35
6	SCT	Dentech Inc.	797 Richmond Rd Ottawa ON K2A 0G7	E/97.6	0.78	35
6	EHS		797 Richmond Road Ottawa ON K2A 0G7	E/97.6	0.78	36
6	EHS		797 Richmond Road Ottawa ON K2A 0G7	E/97.6	0.78	36
7	WWIS		ON ***Well ID:*** 1508425	NW/112.5	-1.31	36
8	WWIS		ON ***Well ID:*** 7387185	E/121.3	0.78	38
9	WWIS		BYRON LINEAR PARK OTTAWA ON ***Well ID:*** 7296572	E/130.6	1.44	39
10	SCT	PhotoCAD Inc.	66 Aylen Ave Ottawa ON K2A 3P9	WSW/132.1	-0.46	43
11	BORE		ON	ENE/137.2	-0.37	43

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	CA	BAKER'S DOZEN DONUTS	793 RICHMOND ST. OTTAWA CITY ON K2A 0G7	ENE/141.4	-0.36	45
12	GEN	Carastan Carpet Co Limited	793 Richmond Road Ottawa ON K2A 0G7	ENE/141.4	-0.36	45
12	RSC	Charlesfort Developments Limited	761 and 793 Richmond Road, Ottawa, Ontario, K2A 0G7 OTTAWA ON K2A 0G7	ENE/141.4	-0.36	45
12	GEN	Charlesfort Developments Limited	793 Richmond Road Ottawa ON K2A 0G7	ENE/141.4	-0.36	46
12	GEN	Charlesfort Developments Limited	793 Richmond Road Ottawa ON K2A 0G7	ENE/141.4	-0.36	46
13	SPL	Kiewit Eurovia Vinci	Park near Sherbourne Rd. & Byron Ave. Ottawa ON	ESE/146.7	1.69	47
13	SPL		Byron Ave & Sherbourne Rd, Ottawa OTTAWA ON	ESE/146.7	1.69	47
13	SPL		KEV - Byron Ave and Sherbourn Rd, Ottawa OTTAWA ON	ESE/146.7	1.69	48
13	SPL		Byron Ave and Sherbourne Rd. OTTAWA ON	ESE/146.7	1.69	49
14	EASR	Melville Trucking Incorporated	75 CLEARY AVE OTTAWA ON K2A 1R8	ENE/157.7	-0.36	49
14	GEN	Baxtec Mechanical Services	75 Cleary Avenue Ottawa ON K2A 1R8	ENE/157.7	-0.36	50
14	SPL		Just east of 75 Cleary Avenue, Ottawa OTTAWA ON	ENE/157.7	-0.36	50
15	WWIS		BYRON LINEAR PARK OTTAWA ON	SE/166.8	2.63	51

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7296573			
16	SPL	Lehigh Hanson Canada ULC	2122 Wayne Ave Ottawa ON K2A 0B8	W/171.4	-1.27	54
17	SPL	Kiewit Eurovia Vinci	Byron Park to the east across from 851 Richmond Road Ottawa ON	SSE/175.2	2.69	55
18	WWIS		747 RICHMOND RD BYRON LWEAR PARK OTTAWA ON ***Well ID:*** 7292237	E/175.5	0.73	55
19	GEN	Unitarian House of Ottawa	20 Cleary Ave. 20 Cleary Ave. Ottawa ON K2A 3Z9	ENE/176.6	-1.31	58
19	GEN	Unitarian House of Ottawa	20 Cleary Ave Ottawa ON K2A3Z9	ENE/176.6	-1.31	59
19	GEN	Unitarian House of Ottawa	20 Cleary Ave Ottawa ON K2A 3Z9	ENE/176.6	-1.31	59
20	EHS		Sherbourne Avenue Ottawa ON K2A 3G1	E/179.8	1.64	59
20	EHS		Sherbourne Avenue Ottawa ON K2A 3G1	E/179.8	1.64	60
21	EHS		900 Byron Avenue Ottawa ON K2A 0J2	E/185.0	1.64	60
22	SPL	Kiewit Eurovia Vinci	Ottawa ON	S/186.1	2.69	60
23	SPL	Enbridge Gas Distribution Inc.	Cleary at Richmond Roads Ottawa ON	ENE/188.1	-0.36	61
23	PINC		Cleary Avenue & Richmond Road, Ottawa ON	ENE/188.1	-0.36	61
23	SPL		Richmond Rd and Cleary Ave Ottawa ON	ENE/188.1	-0.36	62

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
23	SPL		NE corner of Richmond Rd, Clearey Ave OTTAWA ON	ENE/188.1	-0.36	63
23	SPL		Richmond road and Cleary Ave Ottawa OTTAWA ON	ENE/188.1	-0.36	63
23	SPL		Cleary Avenue & Richmond Road OTTAWA ON	ENE/188.1	-0.36	64
24	EASR	HOMESTEAD LAND HOLDINGS LIMITED	851 Richmond RD OTTAWA ON K2A 3X2	SSW/189.9	2.66	65
25	WWIS		RICHMOND RD. & CLEARLY ON ***Well ID:*** 7293182	ENE/198.7	-1.00	65
26	WWIS		ON ***Well ID:*** 7293486	ENE/198.9	-1.31	68
27	WWIS		ON ***Well ID:*** 1508858	WNW/213.8	-2.02	69
28	WWIS		RICHMOND ROAD Ottawa ON ***Well ID:*** 7344665	ENE/214.2	-0.97	72
29	SPL	Kiewit Eurovia Vinci Ottawa Partnership	Near 100 Byron Ave Ottawa ON	S/218.2	3.73	74
30	WWIS		747 RICHMOND RD OTTAWA ON ***Well ID:*** 7305505	ENE/218.6	-1.31	75
31	WWIS		ON ***Well ID:*** 1508587	E/218.8	0.75	78
32	WWIS		ON ***Well ID:*** 1508762	ENE/223.1	-2.39	82
33	SPL	Enbridge Gas Distribution Inc.	2045 Honeywell Ave Ottawa ON	SE/223.1	3.69	85

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
33	PINC	ENBRIDGE GAS INC	2045 HONEYWELL AVE,,OTTAWA,ON, K2A 0P7,CA ON	SE/223.1	3.69	86
34	SPL	Kiewit Eurovia Vinci	Intersection of Richmound Rd and Redwood Avenue Ottawa ON	E/227.9	-0.61	86
35	WWIS		747 RICHMOND RD OTTAWA ON ***Well ID:*** 7305506	ENE/230.9	-1.31	87
36	WWIS		747 RICHMOND RD OTTAWA ON ***Well ID:*** 7305504	ENE/231.4	-1.31	90
37	WWIS		RICHMOND ROAD & CLEARY ON ***Well ID:*** 7293198	ENE/237.2	-1.31	93
38	SCT	Signs in 23 Hours, Inc.	747 Richmond Rd Unit B Ottawa ON K2A 0G6	ENE/239.7	-2.39	97
38	GEN	Morrison Hershfield Limited	747 Richmond Road Ottawa ON K2A 1R8	ENE/239.7	-2.39	97
38	ECA	Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc.,	and Dodin Quebec Inc. 747 Richmond Rd Ottawa ON K1H 1E1	ENE/239.7	-2.39	98
38	SPL	Kiewit Eurovia Vinci	near Sir John A MacDonald Parkway Cleary Avenue (nearest civic: 747 Richmond Rd,) Ottawa ON	ENE/239.7	-2.39	98
39	WWIS		RICHMOND ROAD & CLEARY Ottawa ON ***Well ID:*** 7293199	ENE/241.6	-1.31	99
40	WWIS		ON ***Well ID:*** 1507811	NNE/241.7	-9.31	102
41	BORE		ON	NNE/244.4	-9.31	105

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
42	WWIS		ON ***Well ID:*** 1508585	E/249.0	-0.25	107
42	WWIS		ON ***Well ID:*** 1508586	E/249.0	-0.25	109

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.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	ENE	62.92	3
	ON	NNE	67.49	4
	ON	ENE	137.16	11
	ON	NNE	244.38	41

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
BAKER'S DOZEN DONUTS	793 RICHMOND ST. OTTAWA CITY ON K2A 0G7	ENE	141.40	12

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011- Jun 30, 2023 has found that there are 2 EASR site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
HOMESTEAD LAND HOLDINGS LIMITED	851 Richmond RD OTTAWA ON K2A 3X2	SSW	189.89	24

Lower Elevation	Address	Direction	Distance (m)	Map Key
Melville Trucking Incorporated	75 CLEARY AVE OTTAWA ON K2A 1R8	ENE	157.73	14

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Jun 30, 2023 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
The First Unitarian Congregation of Ottawa	40 Cleary Parkway Ottawa ON	SSE	55.59	2

Lower Elevation	Address	Direction	Distance (m)	Map Key
Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc.,	and Dodin Quebec Inc. 747 Richmond Rd Ottawa ON K1H 1E1	ENE	239.74	38

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2023 has found that there are 5 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	797 Richmond Road Ottawa ON K2A 0G7	E	97.65	6
	797 Richmond Road Ottawa ON K2A 0G7	E	97.65	6
	Sherbourne Avenue Ottawa ON K2A 3G1	E	179.83	20
	Sherbourne Avenue Ottawa ON K2A 3G1	E	179.83	20
	900 Byron Avenue Ottawa ON K2A 0J2	E	185.03	21

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

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 8 GEN site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
Carastan Carpet Co Limited	793 Richmond Road Ottawa ON K2A 0G7	ENE	141.40	12
Charlesfort Developments Limited	793 Richmond Road Ottawa ON K2A 0G7	ENE	141.40	12
Charlesfort Developments Limited	793 Richmond Road Ottawa ON K2A 0G7	ENE	141.40	12
Baxtec Mechanical Services	75 Cleary Avenue Ottawa ON K2A 1R8	ENE	157.73	14
Unitarian House of Ottawa	20 Cleary Ave Ottawa ON K2A3Z9	ENE	176.64	19
Unitarian House of Ottawa	20 Cleary Ave Ottawa ON K2A 3Z9	ENE	176.64	19
Unitarian House of Ottawa	20 Cleary Ave. 20 Cleary Ave. Ottawa ON K2A 3Z9	ENE	176.64	19
Morrison Hershfield Limited	747 Richmond Road Ottawa ON K2A 1R8	ENE	239.74	38

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 2 PINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
ENBRIDGE GAS INC	2045 HONEYWELL AVE,,OTTAWA, ON,K2A 0P7,CA ON	SE	223.15	33

Lower Elevation	Address	Direction	Distance (m)	Map Key
	Cleary Avenue & Richmond Road, Ottawa ON	ENE	188.09	23

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Jun 2023 has found that there are 1 RSC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
Charlesfort Developments Limited	761 and 793 Richmond Road, Ottawa, Ontario, K2A 0G7 OTTAWA ON K2A 0G7	ENE	141.40	12

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.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Dentech Inc.	797 Richmond Rd Ottawa ON K2A 0G7	E	97.65	6

Lower Elevation	Address	Direction	Distance (m)	Map Key
PhotoCAD Inc.	66 Aylen Ave Ottawa ON K2A 3P9	WSW	132.15	10
Signs in 23 Hours, Inc.	747 Richmond Rd Unit B Ottawa ON K2A 0G6	ENE	239.74	38

SPL - Ontario Spills

A search of the SPL database, dated 1988-Oct 2021 has found that there are 18 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Byron Ave and Sherbourne Rd. OTTAWA ON	ESE	146.68	13
	KEV - Byron Ave and Sherbourn Rd, Ottawa OTTAWA ON	ESE	146.68	13
	Byron Ave & Sherbourne Rd, Ottawa OTTAWA ON	ESE	146.68	13
Kiewit Eurovia Vinci	Park near Sherbourne Rd. & Byron Ave. Ottawa ON	ESE	146.68	13
Kiewit Eurovia Vinci	Byron Park to the east across from 851 Richmond Road Ottawa ON	SSE	175.17	17
Kiewit Eurovia Vinci	Ottawa ON	S	186.12	22
Kiewit Eurovia Vinci Ottawa Partnership	Near 100 Byron Ave Ottawa ON	S	218.23	29
Enbridge Gas Distribution Inc.	2045 Honeywell Ave Ottawa ON	SE	223.15	33

Lower Elevation	Address	Direction	Distance (m)	Map Key
	Sir John A Macdonald and Cleary Ave, Ottawa OTTAWA ON	ENE	82.29	5
	Just east of 75 Cleary Avenue, Ottawa OTTAWA ON	ENE	157.73	14
Lehigh Hanson Canada ULC	2122 Wayne Ave Ottawa ON K2A 0B8	W	171.36	16

	Cleary Avenue & Richmond Road OTTAWA ON	ENE	188.09	23
	Richmond road and Cleary Ave Ottawa OTTAWA ON	ENE	188.09	23
	NE corner of Richmond Rd, Clearey Ave OTTAWA ON	ENE	188.09	23
	Richmond Rd and Cleary Ave Ottawa ON	ENE	188.09	23
Enbridge Gas Distribution Inc.	Cleary at Richmond Roads Ottawa ON	ENE	188.09	23
Kiewit Eurovia Vinci	Intersection of Richmound Rd and Redwood Avenue Ottawa ON	E	227.92	34
Kiewit Eurovia Vinci	near Sir John A MacDonald Parkway Cleary Avenue (nearest civic: 747 Richmond Rd,) Ottawa ON	ENE	239.74	38

WWIS - Water Well Information System

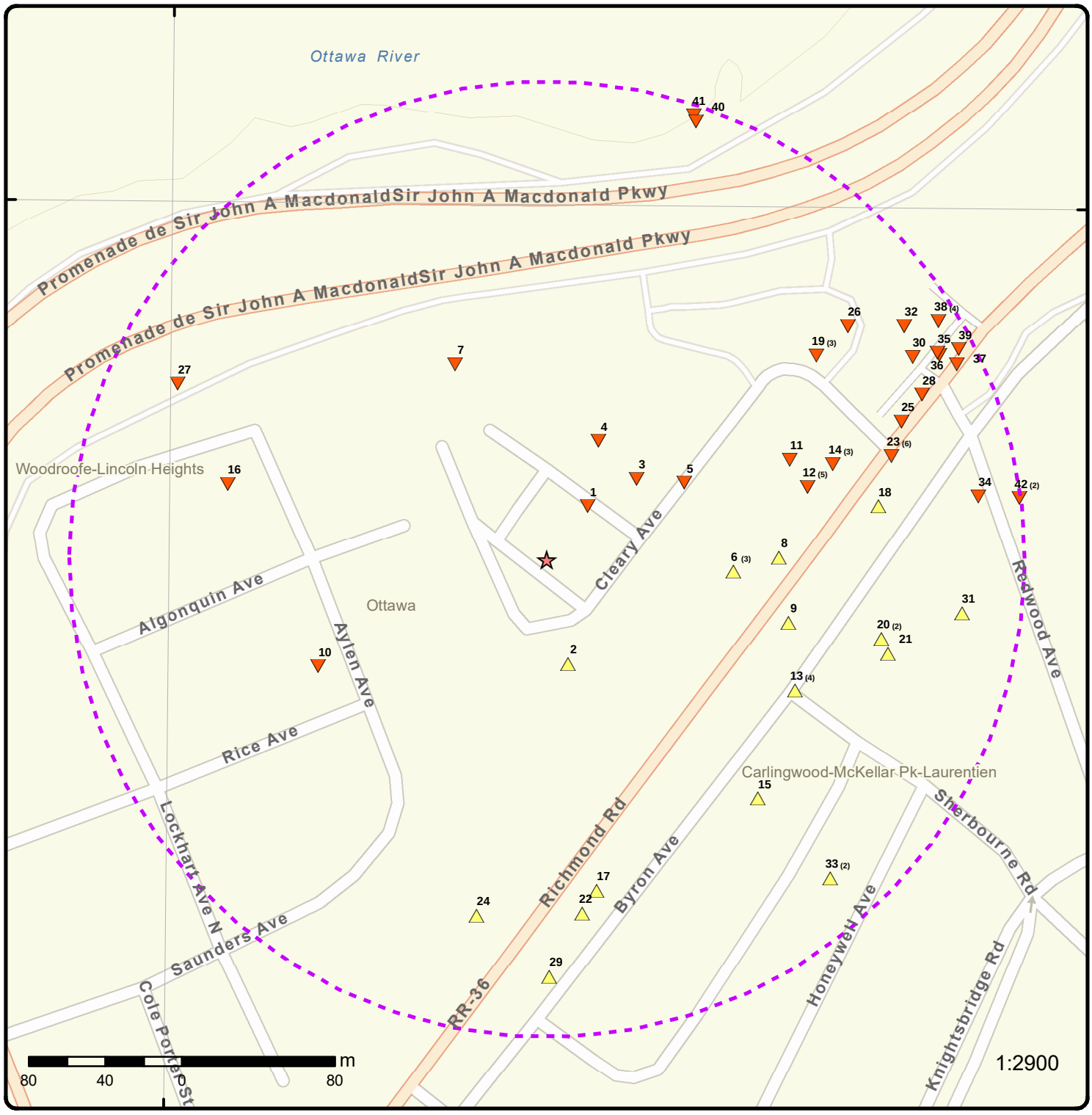
A search of the WWIS database, dated Mar 31 2023 has found that there are 20 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON ***Well ID:*** 7387185	E	121.25	8
	BYRON LINEAR PARK OTTAWA ON ***Well ID:*** 7296572	E	130.55	9
	BYRON LINEAR PARK OTTAWA ON ***Well ID:*** 7296573	SE	166.84	15
	747 RICHMOND RD BYRON LWEAR PARK OTTAWA ON	E	175.46	18

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 7292237			
	ON ***Well ID:*** 1508587	E	218.78	31

Lower Elevation	Address	Direction	Distance (m)	Map Key
	30 CLEARY AVE OTTAWA ON ***Well ID:*** 7162152	NE	34.97	1
	ON ***Well ID:*** 1508425	NW	112.55	7
	RICHMOND RD. & CLEARLY ON ***Well ID:*** 7293182	ENE	198.67	25
	ON ***Well ID:*** 7293486	ENE	198.89	26
	ON ***Well ID:*** 1508858	WNW	213.75	27
	RICHMOND ROAD Ottawa ON ***Well ID:*** 7344665	ENE	214.18	28
	747 RICHMOND RD OTTAWA ON ***Well ID:*** 7305505	ENE	218.55	30
	ON ***Well ID:*** 1508762	ENE	223.12	32
	747 RICHMOND RD OTTAWA ON ***Well ID:*** 7305506	ENE	230.94	35
	747 RICHMOND RD OTTAWA ON	ENE	231.37	36

Well ID: 7305504			
RICHMOND ROAD & CLEARY ON	ENE	237.20	**37**
Well ID: 7293198			
RICHMOND ROAD & CLEARY Ottawa ON	ENE	241.63	**39**
Well ID: 7293199			
ON	NNE	241.69	**40**
Well ID: 1507811			
ON	E	248.99	**42**
Well ID: 1508585			
ON	E	248.99	**42**
Well ID: 1508586			



Map: 0.25 Kilometer Radius

Order Number: 23082200016

Address: 30 Cleary Avenue, Ottawa, ON

- 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.

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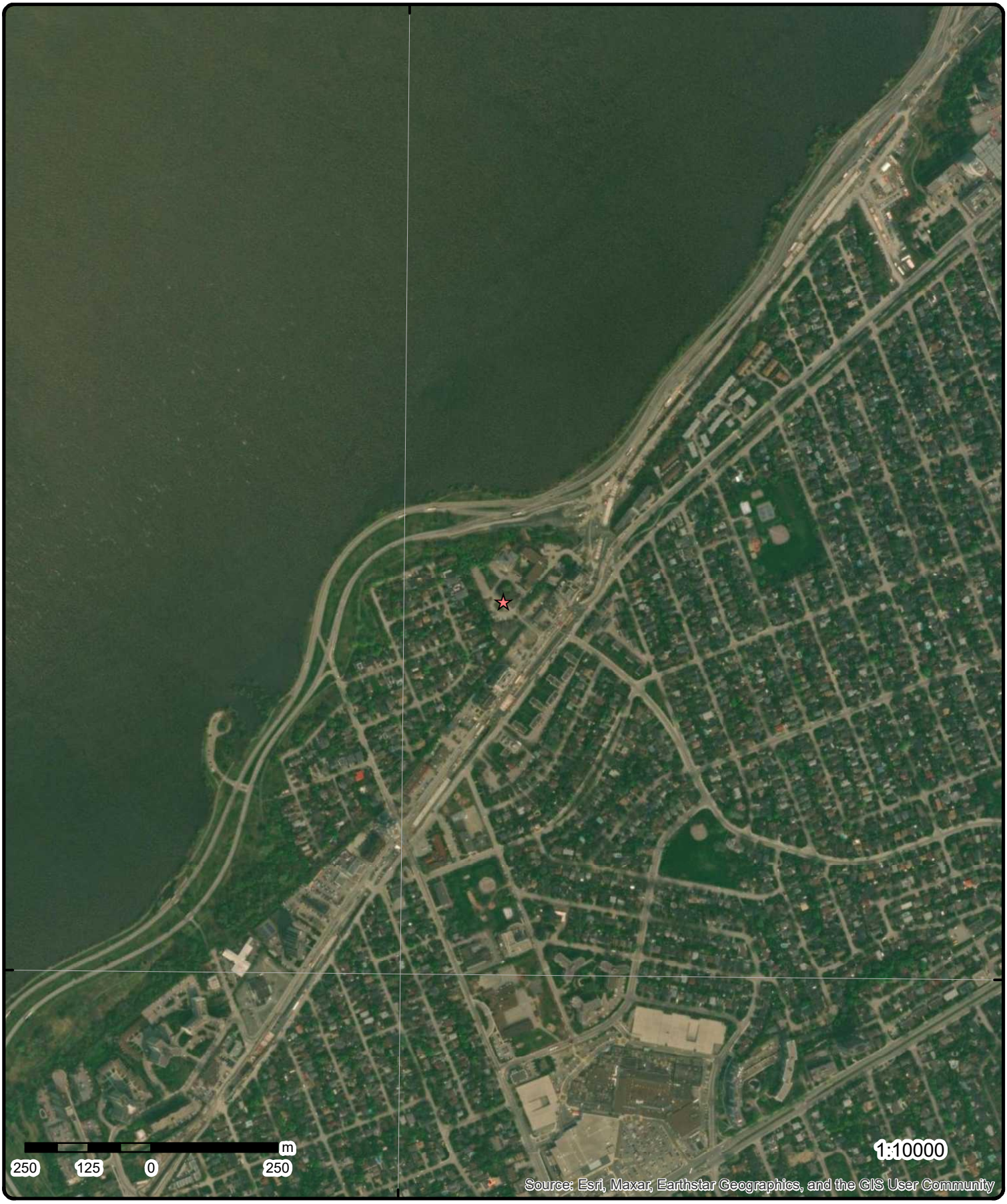
75°46'30"W



Aerial

Year: 2023

Order Number: 23082200016

Address: 30 Cleary Avenue, Ottawa, ON

Source: ESRI World Imagery

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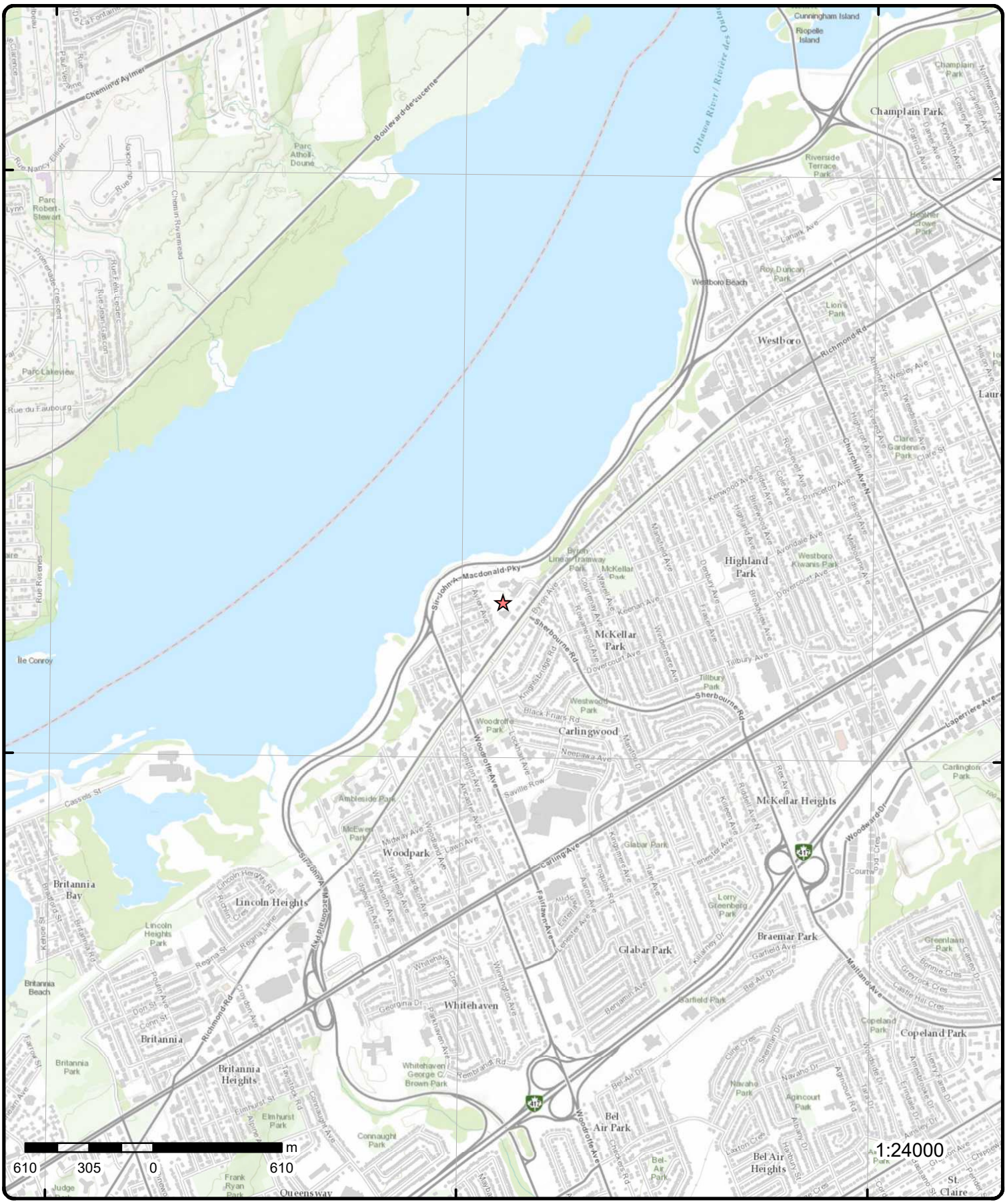

Topographic Map

Address: 30 Cleary Avenue, ON

Source: ESRI World Topographic Map

Order Number: 23082200016

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	NE/35.0	61.9 / -0.31	30 CLEARY AVE OTTAWA ON	WWIS

Well ID:	7162152	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Water Supply	**Date Received:**	04/20/2011
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z103275	**Contractor:**	3749
Tag:	A089793	**Form Version:**	7
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: OTTAWA CITY
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7162152.pdf

Additional Detail(s) (Map)

Well Completed Date: 04/13/2011
Year Completed: 2011
Depth (m): 115.824
Latitude: 45.3819174451532
Longitude: -75.7721939795748
Path: 716\7162152.pdf

Bore Hole Information

Bore Hole ID:	1003502128	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439545.00
Code OB Desc:		**North83:**	5025668.00
Open Hole:		**Org CS:**	dmi83
Cluster Kind:		**UTMRC:**	2
Date Completed:	04/13/2011	**UTMRC Desc:**	margin of error : 3 - 10 m
Remarks:		**Location Method:**	wwr

Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1003883360
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	104.0
Formation End Depth:	380.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1003883359
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	65.0
Formation End Depth:	104.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1003883357
Layer:	1
Color:	
General Color:	
Mat1:	34
Most Common Material:	TILL
Mat2:	
Mat2 Desc:	
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	0.0
Formation End Depth:	8.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1003883358
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	

Mat3:
Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003883396
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1003883395
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1003883355
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003883366
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -1.5
Depth To: 20.0
Casing Diameter: 5.625
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1003883367
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1003883356
Pump Set At: 320.0
Static Level: 8.0
Final Level After Pumping: 151.0

Recommended Pump Depth:	330.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	1003883376
Test Type:	Draw Down
Test Duration:	5
Test Level:	40.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003883385
Test Type:	Recovery
Test Duration:	25
Test Level:	104.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003883380
Test Type:	Draw Down
Test Duration:	15
Test Level:	70.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003883381
Test Type:	Recovery
Test Duration:	15
Test Level:	116.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003883390
Test Type:	Draw Down
Test Duration:	50
Test Level:	139.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003883392
Test Type:	Draw Down
Test Duration:	60
Test Level:	151.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID: 1003883368
Test Type: Draw Down
Test Duration: 1
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003883371
Test Type: Recovery
Test Duration: 2
Test Level: 130.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003883377
Test Type: Recovery
Test Duration: 5
Test Level: 126.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003883373
Test Type: Recovery
Test Duration: 3
Test Level: 129.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003883374
Test Type: Draw Down
Test Duration: 4
Test Level: 33.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003883378
Test Type: Draw Down
Test Duration: 10
Test Level: 56.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003883382
Test Type: Draw Down
Test Duration: 20
Test Level: 87.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003883384

Test Type: Draw Down
Test Duration: 25
Test Level: 101.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003883387
Test Type: Recovery
Test Duration: 30
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003883370
Test Type: Draw Down
Test Duration: 2
Test Level: 19.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003883383
Test Type: Recovery
Test Duration: 20
Test Level: 110.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003883389
Test Type: Recovery
Test Duration: 40
Test Level: 90.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003883369
Test Type: Recovery
Test Duration: 1
Test Level: 134.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003883372
Test Type: Draw Down
Test Duration: 3
Test Level: 27.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003883375
Test Type: Recovery
Test Duration: 4
Test Level: 127.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	1003883379
Test Type:	Recovery
Test Duration:	10
Test Level:	122.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003883386
Test Type:	Draw Down
Test Duration:	30
Test Level:	116.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003883388
Test Type:	Draw Down
Test Duration:	40
Test Level:	126.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003883391
Test Type:	Recovery
Test Duration:	50
Test Level:	83.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003883393
Test Type:	Recovery
Test Duration:	60
Test Level:	74.0
Test Level UOM:	ft

Water Details

Water ID:	1003883364
Layer:	2
Kind Code:	8
Kind:	Untested
Water Found Depth:	217.0
Water Found Depth UOM:	ft

Water Details

Water ID:	1003883363
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	170.0
Water Found Depth UOM:	ft

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

Water Details

Water ID:	1003883365
Layer:	3
Kind Code:	8
Kind:	Untested
Water Found Depth:	345.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1003883361
Diameter:	6.0
Depth From:	20.0
Depth To:	380.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1003883362
Diameter:	10.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Links

Bore Hole ID:	1003502128	***Tag No:***	A089793
Depth M:	115.824	***Contractor:***	3749
Year Completed:	2011	***Latitude:***	45.3819174451532
Well Completed Dt:	04/13/2011	***Longitude:***	-75.7721939795748
Audit No:	Z103275	***Y:***	45.381917438499244
Path:	716\7162152.pdf	***X:***	-75.77219381818954

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	*1 of 1*	*SSE/55.6*	*62.9 / 0.73*	***The First Unitarian Congregation of Ottawa*** ***40 Cleary Parkway*** ***Ottawa ON***	***ECA***

Approval No:	2630-6YDS4B	***MOE District:***	
Approval Date:	2007-02-15	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-Municipal Drinking Water Systems		
Project Type:	Municipal Drinking Water Systems		
Business Name:	The First Unitarian Congregation of Ottawa		
Address:	40 Cleary Parkway		
Full Address:			
Full PDF Link:			
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	*1 of 1*	*ENE/62.9*	*61.6 / -0.62*	***ON***	***BORE***

Borehole ID:	611042	***Inclin FLG:***	No
OGF ID:	215512543	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No

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

Use:		**Primary Name:**	
Completion Date:	SEP-1965	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.382047
Total Depth m:	4.1	**Longitude DD:**	-75.771868
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	439571
Drill Method:		**Northing:**	5025682
Orig Ground Elev m:	59.8	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	62.4		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218387316	**Mat Consistency:**	
Top Depth:	2.4	**Material Moisture:**	
Bottom Depth:	4.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. 00000 023 00050 010 0000001800050018000900140070ND. BEDROCK,LIMESTONE, D **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218387315	**Mat Consistency:**	Dense
Top Depth:	1.8	**Material Moisture:**	
Bottom Depth:	2.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:	Till	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED,TILL, SILT. DENSE.		

Geology Stratum ID:	218387313	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.5	**Material Texture:**	Fine
Material Color:		**Non Geo Mat Type:**	
Material 1:		**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:	Wood Fragments	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	ARTIFICIAL,SAND VERY FINE,CLAY,WOOD.		

Geology Stratum ID:	218387314	**Mat Consistency:**	Dense
Top Depth:	1.5	**Material Moisture:**	
Bottom Depth:	1.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:	Till	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED,TILL, SILT. DENSE.		

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

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: OTTAWA1.txt RecordID: 035500 NTS_Sheet: 31G05F		
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		

4 ***1 of 1*** ***NNE/67.5*** ***60.9 / -1.25*** ***ON*** ***BORE***

Borehole ID:	611044	***Inclin FLG:***	No
OGF ID:	215512545	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	MAY-1964	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.382225
Total Depth m:	3.9	***Longitude DD:***	-75.772126
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	439551
Drill Method:		***Northing:***	5025702
Orig Ground Elev m:	61	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	61.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218387322	***Mat Consistency:***	Loose
Top Depth:	1.2	***Material Moisture:***	
Bottom Depth:	1.5	***Material Texture:***	Fine to Medium
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND-FINE TO MEDIUM.LOOSE.		

Geology Stratum ID:	218387325	***Mat Consistency:***	Dense
Top Depth:	2.3	***Material Moisture:***	
Bottom Depth:	2.3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Unknown	***Geologic Formation:***	
Material 2:	Till	***Geologic Group:***	

Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: UNSPECIFIED,TILL. DENSE.

Geology Stratum ID: 218387324 ***Mat Consistency:*** Dense
Top Depth: 1.8 ***Material Moisture:***
Bottom Depth: 2.3 ***Material Texture:***
Material Color: ***Non Geo Mat Type:***
Material 1: Silt ***Geologic Formation:***
Material 2: Clay ***Geologic Group:***
Material 3: Sand ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: SILT,CLAY,SAND. DENSE.

Geology Stratum ID: 218387326 ***Mat Consistency:***
Top Depth: 2.3 ***Material Moisture:***
Bottom Depth: 3.9 ***Material Texture:***
Material Color: Grey ***Non Geo Mat Type:***
Material 1: Bedrock ***Geologic Formation:***
Material 2: ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: BEDROCK. 0000001800050018000900140070ND. BEDROCK,LIMESTONE, DOLOMITE. GREY,SOUND.

Geology Stratum ID: 218387321 ***Mat Consistency:***
Top Depth: 0 ***Material Moisture:***
Bottom Depth: 1.2 ***Material Texture:***
Material Color: ***Non Geo Mat Type:***
Material 1: ***Geologic Formation:***
Material 2: Wood Fragments ***Geologic Group:***
Material 3: Silt ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: ARTIFICIAL,WOOD,SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 218387323 ***Mat Consistency:*** Loose
Top Depth: 1.5 ***Material Moisture:***
Bottom Depth: 1.8 ***Material Texture:***
Material Color: ***Non Geo Mat Type:***
Material 1: Silt ***Geologic Formation:***
Material 2: Clay ***Geologic Group:***
Material 3: Sand ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: SILT,CLAY,SAND. LOOSE.

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: OTTAWA1.txt RecordID: 035520 NTS_Sheet: 31G05F
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier: 1 ***Horizontal Datum:*** NAD27

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

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
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

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5 | **1 of 1** | **ENE/82.3** | **61.8 / -0.38** | **Sir John A Macdonald and Cleary Ave, Ottawa OTTAWA ON** | **SPL**

Ref No: 1-I4U9Y
Site No:
Incident Dt: 6/14/2021 3:30:00 PM
Year:
Incident Cause:
Incident Event:
Environment Impact: 1 Minor Impact
Nature of Impact:
MOE Response: Desktop Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/14/2021 6:49:58 PM
Dt Document Closed: 12/3/2021 4:06:58 PM
Municipality No:
System Facility Address:
Client Type:
Call Report Location Geodata: {"integration_ids":["PR00003969878"],"wkts":["POINT (-75.7715479000 45.3820311000)"],"creation_date":"2021-06-14"}
Contaminant Code:
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Receiving Environment:
Incident Reason:
Incident Summary: KEV - Hydraulic Oil Leak from Crane
Site Region:
Site Municipality: OTTAWA
Activity Preceding Spill:
Property 2nd Watershed: Central Ottawa
Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi
Sector Type: CONSTRUCTION AND FORESTRY MACHINERY, EQUIPMENT AND SUPPLIES MERCHANT WHOLESALERS
SAC Action Class:
Source Type:
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa District Office
Nearest Watercourse:
Site Name:
Site Address: Sir John A Macdonald and Cleary Ave, Ottawa
Client Name:
Contaminant Qty: 0 other - see notes
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 0 No Impact
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:

---

6 | **1 of 3** | **E/97.6** | **63.0 / 0.78** | **Dentech Inc.**
797 Richmond Rd
Ottawa ON K2A 0G7 | **SCT**

Established:
Plant Size (ft²):
Employment:

--Details--
Description: Medical Equipment and Supplies Manufacturing
SIC/NAICS Code: 339110

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

Description: Medical Equipment and Supplies Manufacturing
SIC/NAICS Code: 339110

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6 **2 of 3** **E/97.6** **63.0 / 0.78** **797 Richmond Road Ottawa ON K2A 0G7** **EHS**

Order No:	21021700041	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	22-FEB-21	**Search Radius (km):**	.25
Date Received:	17-FEB-21	**X:**	-75.7712167
Previous Site Name:		**Y:**	45.3816171
Lot/Building Size:			
Additional Info Ordered:			

---

6 **3 of 3** **E/97.6** **63.0 / 0.78** **797 Richmond Road Ottawa ON K2A 0G7** **EHS**

Order No:	21021700041	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	22-FEB-21	**Search Radius (km):**	.25
Date Received:	17-FEB-21	**X:**	-75.7712167
Previous Site Name:		**Y:**	45.3816171
Lot/Building Size:			
Additional Info Ordered:			

---

7 **1 of 1** **NW/112.5** **60.9 / -1.31** **ON** **WWIS**

Well ID:	1508425	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	09/09/1953
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4833
Tag:		**Form Version:**	1
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:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508425.pdf

Additional Detail(s) (Map)

Well Completed Date:	12/08/1952
Year Completed:	1952
Depth (m):	12.192
Latitude:	45.3825774948331

Longitude: -75.7730881479276
Path: 150\1508425.pdf

Bore Hole Information

Bore Hole ID:	10030459	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439475.70
Code OB Desc:		**North83:**	5025742.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	12/08/1952	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9

Loc Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931009635
Layer: 1
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508425
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579029
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053566
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 16.0

Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053567
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 40.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991508425
Pump Set At:
Static Level: 8.0
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933462920
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10030459
Depth M: 12.192
Year Completed: 1952
Well Completed Dt: 12/08/1952
Audit No:
Path: 150\1508425.pdf
Tag No:
Contractor: 4833
Latitude: 45.3825774948331
Longitude: -75.7730881479276
Y: 45.38257748831606
X: -75.77308798649793

8 ***1 of 1*** ***E/121.3*** ***63.0 / 0.78*** ***ON*** ***WWIS***

Well ID: 7387185
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes
Data Src:
Date Received: 05/13/2021

Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	C32276	**Contractor:**	7328
Tag:	A290212	**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:	OTTAWA CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	1008665116	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439645.00
Code OB Desc:		**North83:**	5025641.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	03/04/2021	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Links

Bore Hole ID:	1008665116	**Tag No:**	A290212
Depth M:		**Contractor:**	7328
Year Completed:	2021	**Latitude:**	45.3816830592416
Well Completed Dt:	03/04/2021	**Longitude:**	-75.770913489344
Audit No:	C32276	**Y:**	45.381683052152184
Path:		**X:**	-75.77091332768839

9	1 of 1	E/130.6	63.6 / 1.44	BYRON LINEAR PARK OTTAWA ON	WWIS

Well ID:	7296572	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Test Hole	**Data Entry Status:**	
Use 2nd:	Monitoring	**Data Src:**	
Final Well Status:	Observation Wells	**Date Received:**	10/05/2017
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z250788	**Contractor:**	7241
Tag:	A189927	**Form Version:**	7
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: OTTAWA CITY
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7296572.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/14/2017
Year Completed: 2017
Depth (m): 2.228088
Latitude: 45.381377473006
Longitude: -75.7708454715041
Path: 729\7296572.pdf

Bore Hole Information

Bore Hole ID: 1006758601 ***Elevation:***
DP2BR: ***Elevrc:***
Spatial Status: ***Zone:*** 18
Code OB: ***East83:*** 439650.00
Code OB Desc: ***North83:*** 5025607.00
Open Hole: ***Org CS:*** UTM83
Cluster Kind: ***UTMRC:*** 4
Date Completed: 09/14/2017 ***UTMRC Desc:*** margin of error : 30 m - 100 m
Remarks: ***Location Method:*** wwr
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1006953239
Layer: 2
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 28
Mat2 Desc: SAND
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 1.2100000381469727
Formation End Depth: 2.430000066757202
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006953240
Layer: 3
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2:

Mat2 Desc:
Mat3: 91
Mat3 Desc: WATER-BEARING
Formation Top Depth: 2.430000066757202
Formation End Depth: 4.570000171661377
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006953238
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.0
Formation End Depth: 1.2100000381469727
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006953241
Layer: 4
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 91
Mat3 Desc: WATER-BEARING
Formation Top Depth: 4.570000171661377
Formation End Depth: 7.309999942779541
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006953249
Layer: 1
Plug From: 0.0
Plug To: 0.3100000023841858
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006953251
Layer: 3
Plug From: 3.9600000381469727
Plug To: 7.309999942779541
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006953250
Layer: 2
Plug From: 0.3100000023841858
Plug To: 3.9600000381469727
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1006953248
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1006953237
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006953244
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 4.260000228881836
Casing Diameter: 5.199999809265137
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006953245
Layer: 1
Slot: 10
Screen Top Depth: 4.260000228881836
Screen End Depth: 7.309999942779541
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.03000020980835

Water Details

Water ID: 1006953243
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006953242
Diameter: 15.239999771118164
Depth From: 0.0
Depth To: 7.309999942779541
Hole Depth UOM: ft

Hole Diameter UOM: inch

Links

Bore Hole ID:	1006758601	**Tag No:**	A189927
Depth M:	2.228088	**Contractor:**	7241
Year Completed:	2017	**Latitude:**	45.381377473006
Well Completed Dt:	09/14/2017	**Longitude:**	-75.7708454715041
Audit No:	Z250788	**Y:**	45.38137746649328
Path:	729\7296572.pdf	**X:**	-75.77084530999853

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10 **1 of 1** **WSW/132.1** **61.7 / -0.46** **PhotoCAD Inc.**
66 Aylen Ave
Ottawa ON K2A 3P9 **SCT**

Established: 01-JUN-90
Plant Size (ft²): 1000
Employment:

--Details--
Description: Computer Systems Design and Related Services
SIC/NAICS Code: 541510

Description: All Other Wholesaler-Distributors
SIC/NAICS Code: 418990

Description: Industrial Machinery, Equipment and Supplies Wholesaler-Distributors
SIC/NAICS Code: 417230

Description: Industrial Machinery, Equipment and Supplies Wholesaler-Distributors
SIC/NAICS Code: 417230

Description: Drafting Services
SIC/NAICS Code: 541340

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11 **1 of 1** **ENE/137.2** **61.8 / -0.37** **ON** **BORE**

Borehole ID:	611043	**Inclin FLG:**	No
OGF ID:	215512544	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:		**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.382144
Total Depth m:	-999	**Longitude DD:**	-75.770847
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	439651
Drill Method:		**Northing:**	5025692
Orig Ground Elev m:	62.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	63.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218387319	**Mat Consistency:**	
Top Depth:	11	**Material Moisture:**	
Bottom Depth:	11.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND.		

Geology Stratum ID:	218387317	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	9.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY.		

Geology Stratum ID:	218387318	**Mat Consistency:**	
Top Depth:	9.1	**Material Moisture:**	
Bottom Depth:	11	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	TILL.		

Geology Stratum ID:	218387320	**Mat Consistency:**	Dense
Top Depth:	11.6	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. UNSPECIFIED,TILL, SILT. DENSE. UNSPECIFIED,TILL, SILT. DENSE. BEDROCK. 00000 0 **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: OTTAWA1.txt RecordID: 035510 NTS_Sheet: 31G05F		
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
12	1 of 5	ENE/141.4	61.8 / -0.36	BAKER'S DOZEN DONUTS 793 RICHMOND ST. OTTAWA CITY ON K2A 0G7	CA

Certificate #: 8-4008-88-
Application Year: 88
Issue Date: 3/4/1988
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: KITCHEN EXHAUST
Contaminants: Odour/Fumes
Emission Control: No Controls

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	2 of 5	ENE/141.4	61.8 / -0.36	Carastan Carpet Co Limited 793 Richmond Road Ottawa ON K2A 0G7	GEN

Generator No: ON6548991
SIC Code: 442210
SIC Description: Floor Covering Stores
Approval Years: 05
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	3 of 5	ENE/141.4	61.8 / -0.36	Charlesfort Developments Limited 761 and 793 Richmond Road, Ottawa, Ontario, K2A 0G7 OTTAWA ON K2A 0G7	RSC

RSC ID: 54112
RA No:
RSC Type:
Curr Property Use: Commercial
Ministry District: OTTAWA
Filing Date: 12-Jun-09
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686: No
Cert Date: 14-May-09
Cert Prop Use No: No CPU
Intended Prop Use: Residential
Qual Person Name: John Davis
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N): Yes
Accuracy Estimate: 0 to 1 meters
Telephone: 613-2330044
Fax: 613-2330955
Email: jdavis@charlesfort.ca
Asmt Roll No: 0614.094.902.07400.0000 and 0614.094.902.07500.0000
Prop ID No (PIN): 04751-0117 and 04751-0118
Property Municipal Address: 761 and 793 Richmond Road, Ottawa, Ontario, K2A 0G7

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

Mailing Address:	787 BANK ST, OTTAWA, ON, K1S 3V5
Latitude & Latitude:	45.38201740N 75.77072640W (converted from UTM)
UTM Coordinates:	NAD83 18-439660-5025678
Consultant:	
Legal Desc:	Part Lot 27, Concession 1, (Ottawa Front), Geographic Township of Nepean, City of Ottawa being all of PINs 04751-0117and 04751-0118
Measurement Method:	Digitized from a map
Applicable Standards:	Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use
RSC PDF:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	4 of 5	ENE/141.4	61.8 / -0.36	**Charlesfort Developments Limited** **793 Richmond Road** **Ottawa ON K2A 0G7**	GEN

Generator No:	ON5917840
SIC Code:	236110
SIC Description:	Residential Building Construction
Approval Years:	07,08
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	221
Waste Class Name:	LIGHT FUELS
Waste Class:	251
Waste Class Name:	OIL SKIMMINGS & SLUDGES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	5 of 5	ENE/141.4	61.8 / -0.36	**Charlesfort Developments Limited** **793 Richmond Road** **Ottawa ON K2A 0G7**	GEN

Generator No:	ON5917840
SIC Code:	236110
SIC Description:	Residential Building Construction
Approval Years:	2010
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	251
Waste Class Name:	OIL SKIMMINGS & SLUDGES
Waste Class:	221
Waste Class Name:	LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 4	ESE/146.7	63.9 / 1.69	Kiewit Eurovia Vinci Park near Sherbourne Rd. & Byron Ave. Ottawa ON	SPL

Ref No:	4661-BZMRFD	**Contaminant Qty:**	5 L
Site No:	NA	**Nature of Damage:**	
Incident Dt:	3/31/2021	**Discharger Report:**	
Year:		**Material Group:**	
Incident Cause:		**Health/Env Conseq:**	2 - Minor Environment
Incident Event:	Leak/Break	**Agency Involved:**	
Environment Impact:		**Site Lot:**	
Nature of Impact:		**Site Conc:**	
MOE Response:	No	**Site Geo Ref Accu:**	
Dt MOE Arvl on Scn:		**Site Map Datum:**	
MOE Reported Dt:	3/31/2021	**Northing:**	5025654
Dt Document Closed:	5/18/2021	**Easting:**	439688
Municipality No:			
System Facility Address:			
Client Type:	Corporation		
Call Report Location Geodata:			
Contaminant Code:	15		
Contaminant Name:	HYDRAULIC OIL		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:	n/a		
Receiving Medium:			
Receiving Environment:	Land		
Incident Reason:	Material Failure - Poor Design/Substandard Material		
Incident Summary:	KEV: ~5L Hydraulic Oil to Ground, Cleaned		
Site Region:	Eastern		
Site Municipality:	Ottawa		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:	Miscellaneous Industrial		
SAC Action Class:			
Source Type:	Valve/Fitting/Piping		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	Hydraulic Oil Spill Site<UNOFFICIAL>		
Site Address:	Park near Sherbourne Rd. & Byron Ave.		
Client Name:	Kiewit Eurovia Vinci		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	2 of 4	ESE/146.7	63.9 / 1.69	Byron Ave & Sherbourne Rd, Ottawa OTTAWA ON	SPL

Ref No:	1-IOKDO	**Contaminant Qty:**	2 litre (L)
Site No:		**Nature of Damage:**	
Incident Dt:		**Discharger Report:**	
Year:		**Material Group:**	
Incident Cause:		**Health/Env Conseq:**	0 No Impact
Incident Event:	Leak/Break	**Agency Involved:**	
Environment Impact:	0 No Impact	**Site Lot:**	
Nature of Impact:		**Site Conc:**	
MOE Response:	Desktop Response	**Site Geo Ref Accu:**	
Dt MOE Arvl on Scn:		**Site Map Datum:**	
MOE Reported Dt:	6/17/2021 11:30:00 AM	**Northing:**	
Dt Document Closed:	7/23/2021 10:01:18 AM	**Easting:**	
Municipality No:			
System Facility Address:			
Client Type:	Private Business		
Call Report Location Geodata:	{"integration_ids":["PR00004333142"],"wkts":["POINT (-75.7707980000 45.3810591000)"],"creation_date":"2021-		

06-17"}
Contaminant Code:
Contaminant Name: DIESEL FUEL AND WATER MIXTURE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Receiving Environment:
Incident Reason: Unknown
Incident Summary: KEV: 2 L diesel exhaust fluid to soil cleaned.
Site Region:
Site Municipality: OTTAWA
Activity Preceding Spill: Normal operations
Property 2nd Watershed: Central Ottawa
Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi
Sector Type: INDUSTRIAL BUILDING AND STRUCTURE CONSTRUCTION
SAC Action Class:
Source Type: Motor Vehicle
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa District Office
Nearest Watercourse:
Site Name:
Site Address: Byron Ave & Sherbourne Rd, Ottawa
Client Name: KIEWIT EUROVIA VINCI OTTAWA PARTERNSHIP

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13 | ***3 of 4*** | ***ESE/146.7*** | ***63.9 / 1.69*** | ***KEV - Byron Ave and Sherbourn Rd, Ottawa OTTAWA ON*** | ***SPL***

Ref No: 1-1B528F
Site No:
Incident Dt: 10/6/2021 12:00:00 PM
Year:
Incident Cause:
Incident Event:
Environment Impact: 1 Minor Impact
Nature of Impact:
MOE Response: Desktop Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/6/2021 3:48:38 PM
Dt Document Closed: 11/5/2021 11:45:53 AM
Municipality No:
System Facility Address:
Contaminant Qty: 20 litre (L)
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 0 No Impact
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Client Type: Private Business
Call Report Location Geodata: {"integration_ids":["PR00004333142"],"wkts":["POINT (-75.7707980000 45.3810591000)"],"creation_date":"2021-10-06"}
Contaminant Code:
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Receiving Environment:
Incident Reason:
Incident Summary: KEV - 20L of hydraulic oil to rock floor of tunnel
Site Region:
Site Municipality: OTTAWA
Activity Preceding Spill:
Property 2nd Watershed: Central Ottawa
Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi
Sector Type: CONSTRUCTION, TRANSPORTATION, MINING, AND FORESTRY MACHINERY AND EQUIPMENT RENTAL AND LEASING
SAC Action Class:
Source Type: Motor Vehicle

Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa District Office
Nearest Watercourse:
Site Name:
Site Address: KEV - Byron Ave and Sherbourn Rd, Ottawa
Client Name: KIEWIT EUROVIA VINCI OTTAWA PARTERNSHIP

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13 | **4 of 4** | **ESE/146.7** | **63.9 / 1.69** | **Byron Ave and Sherbourne Rd. OTTAWA ON** | **SPL**

Ref No: 1-CAOEN
Site No:
Incident Dt: 4/12/2021 11:00:00 AM
Year:
Incident Cause:
Incident Event: Unknown / N/A
Environment Impact: 1 Minor Impact
Nature of Impact:
MOE Response: Desktop Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/12/2021 4:16:19 PM
Dt Document Closed: 8/6/2021 1:35:37 PM
Municipality No:
System Facility Address:
Client Type: Private Business
Call Report Location Geodata: {"integration_ids":["PR00004333142"],"wkts":["POINT (-75.7707980000 45.3810591000)"],"creation_date":"2021-04-12"}
Contaminant Code:
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Receiving Environment:
Incident Reason: Equipment failure/malfunction
Incident Summary: KEV: 1L deisel to soil
Site Region:
Site Municipality: OTTAWA
Activity Preceding Spill: Unknown
Property 2nd Watershed: Central Ottawa
Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi
Sector Type: HIGHWAY, STREET AND BRIDGE CONSTRUCTION
SAC Action Class:
Source Type: Truck - Tanker
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa District Office
Nearest Watercourse: No
Site Name:
Site Address: Byron Ave and Sherbourne Rd.
Client Name: KIEWIT EUROVIA VINCI OTTAWA PARTERNSHIP

Contaminant Qty: 1 litre (L)
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 0 No Impact
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:

---

14 | **1 of 3** | **ENE/157.7** | **61.8 / -0.36** | **Melville Trucking Incorporated 75 CLEARY AVE OTTAWA ON K2A 1R8** | **EASR**

Approval No: R-004-1114193210
Status: REGISTERED
Date: May 24, 2022
Record Type: EASR
Link Source: MOFA

MOE District: Ottawa
Municipality: OTTAWA
Latitude: 45.3825
Longitude: -75.77111111
Geometry X: -8434801.5056999996

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

Project Type: Waste Management System
Geometry Y: 5681940.6330000022
Full Address:
Approval Type: EASR-Waste Management System
SWP Area Name: Rideau Valley
PDF URL: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2643598
PDF Site Location: Illinois

---

14 | 2 of 3 | ENE/157.7 | 61.8 / -0.36 | **Baxtec Mechanical Services**
75 Cleary Avenue
Ottawa ON K2A 1R8 | GEN

Generator No: ON3826657
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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14 | 3 of 3 | ENE/157.7 | 61.8 / -0.36 | **Just east of 75 Cleary Avenue, Ottawa**
OTTAWA ON | SPL

Ref No: 1-CC46B
Site No:
Incident Dt: 4/13/2021 6:18:46 PM
Year:
Incident Cause:
Incident Event: Unknown / N/A
Environment Impact: 1 Minor Impact
Nature of Impact:
MOE Response: Desktop Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/13/2021 6:18:49 PM
Dt Document Closed:
Municipality No:
System Facility Address:
Client Type:
Contaminant Qty: 1 litre (L)
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 0 No Impact
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Call Report Location Geodata: {"integration_ids":["PR00004333142"],"wkts":["POINT (-75.7704250333 45.3819202304)"],"creation_date":"2021-04-13"}
Contaminant Code:
Contaminant Name: HYDROCARBONS, LIQUID (N.O.S.)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Receiving Environment:
Incident Reason: Unknown
Incident Summary: KEV: 1/2L of unknown hydrocarbons, cleaned
Site Region:
Site Municipality: OTTAWA
Activity Preceding Spill: Unknown
Property 2nd Watershed: Central Ottawa

Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi
Sector Type:
SAC Action Class:
Source Type: Unknown / N/A
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa District Office
Nearest Watercourse:
Site Name:
Site Address: Just east of 75 Cleary Avenue, Ottawa
Client Name:

---

15 | **1 of 1** | **SE/166.8** | **64.8 / 2.63** | **BYRON LINEAR PARK OTTAWA ON** | **WWIS**

Well ID:	7296573	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Test Hole	**Data Entry Status:**	
Use 2nd:	Monitoring	**Data Src:**	
Final Well Status:	Observation Wells	**Date Received:**	10/05/2017
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z250787	**Contractor:**	7241
Tag:	A189915	**Form Version:**	7
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:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7296573.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/14/2017
Year Completed: 2017
Depth (m): 1.764792
Latitude: 45.3805480469547
Longitude: -75.7710385638743
Path: 729\7296573.pdf

Bore Hole Information

Bore Hole ID:	1006758604	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439634.00
Code OB Desc:		**North83:**	5025515.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	5
Date Completed:	09/14/2017	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1006953254
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	1.2100000381469727
Formation End Depth:	2.430000066757202
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006953255
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	91
Mat3 Desc:	WATER-BEARING
Formation Top Depth:	2.430000066757202
Formation End Depth:	5.789999961853027
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006953253
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	1.2100000381469727
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006953265
Layer:	3
Plug From:	2.430000066757202
Plug To:	5.789999961853027

Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006953263
Layer: 1
Plug From: 0.0
Plug To: 0.3100000023841858
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006953264
Layer: 2
Plug From: 0.3100000023841858
Plug To: 2.430000066757202
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1006953262
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1006953252
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006953258
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 2.740000009536743
Casing Diameter: 5.199999809265137
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006953259
Layer: 1
Slot: 10
Screen Top Depth: 2.740000009536743
Screen End Depth: 5.789999961853027
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.03000020980835

Water Details

Water ID: 1006953257
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006953256
Diameter: 15.239999771118164
Depth From: 0.0
Depth To: 5.789999961853027
Hole Depth UOM: ft
Hole Diameter UOM: inch

Links

Bore Hole ID: 1006758604
Depth M: 1.764792
Year Completed: 2017
Well Completed Dt: 09/14/2017
Audit No: Z250787
Path: 729\7296573.pdf
Tag No: A189915
Contractor: 7241
Latitude: 45.3805480469547
Longitude: -75.7710385638743
Y: 45.38054804005903
X: -75.77103840197708

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16 | **1 of 1** | **W/171.4** | **60.9 / -1.27** | **Lehigh Hanson Canada ULC**
2122 Wayne Ave
Ottawa ON K2A 0B8 | **SPL**

Ref No: 7132-BESMA7
Site No: NA
Incident Dt: 8/6/2019
Year:
Incident Cause:
Incident Event: Leak/Break
Environment Impact:
Nature of Impact:
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/6/2019
Dt Document Closed: 9/11/2019
Municipality No:
System Facility Address:
Client Type: Corporation
Call Report Location Geodata:
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1: n/a
Contaminant UN No 1: n/a
Receiving Medium:
Receiving Environment: Land
Incident Reason: Material Failure - Poor Design/Substandard Material
Incident Summary: Lehigh Hanson hydraulic oil spill 20 L
Site Region: Eastern
Site Municipality: Ottawa
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Communal
SAC Action Class: Land Spills
Source Type: Valve/Fitting/Piping
Contaminant Qty: 20 L
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 0 - No Impact
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 5025703
Easting: 439374

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

Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: spill<UNOFFICIAL>
Site Address: 2122 Wayne Ave
Client Name: Lehigh Hanson Canada ULC

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17 | **1 of 1** | **SSE/175.2** | **64.9 / 2.69** | **Kiewit Eurovia Vinci**
Byron Park to the east across from 851 Richmond Road
Ottawa ON | **SPL**

Ref No: 4242-BY2S35
Site No: NA
Incident Dt: 2021/02/08
Year:
Incident Cause:
Incident Event: Leak/Break
Environment Impact:
Nature of Impact:
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 2021/02/08
Dt Document Closed: 2021/04/19
Municipality No:
System Facility Address:
Client Type: Corporation
Call Report Location Geodata:
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Receiving Medium:
Receiving Environment: Land; Source Water Zone
Incident Reason: Equipment Failure
Incident Summary: Kiewit Eurovia Vinci- 1 L hydraulic oil to soil and rock, cntd, clnd
Site Region: Eastern
Site Municipality: Ottawa
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Industrial
SAC Action Class:
Source Type: Valve/Fitting/Piping
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Byron Park<UNOFFICIAL>
Site Address: Byron Park to the east across from 851 Richmond Road
Client Name: Kiewit Eurovia Vinci

Contaminant Qty: 1 L
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 5025467
Easting: 439549.82

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18 | **1 of 1** | **E/175.5** | **62.9 / 0.73** | **747 RICHMOND RD BYRON LWEAR PARK**
OTTAWA ON | **WWIS**

Well ID: 7292237
Construction Date:
Use 1st: Monitoring
Use 2nd:
Final Well Status: Observation Wells

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 08/09/2017

Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z245021	**Contractor:**	1844
Tag:	A215081	**Form Version:**	7
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:	OTTAWA CITY		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	06/19/2017
Year Completed:	2017
Depth (m):	12.19
Latitude:	45.3819305537168
Longitude:	-75.7702526545138
Path:	

Bore Hole Information

Bore Hole ID:	1006711669	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439697.00
Code OB Desc:		**North83:**	5025668.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	06/19/2017	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006843162
Layer:	2
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.2000000476837158
Formation End Depth:	2.700000047683716
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006843161
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.2000000476837158
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006843163
Layer:	3
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	34
Mat2 Desc:	TILL
Mat3:	84
Mat3 Desc:	SILTY
Formation Top Depth:	2.700000047683716
Formation End Depth:	12.1899995803833
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006843170
Layer:	1
Plug From:	0.30000001192092896
Plug To:	8.800000190734863
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006843169
Method Construction Code:	F
Method Construction:	H.S.A.
Other Method Construction:	

Pipe Information

Pipe ID:	1006843160
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006843166

Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	
Casing Diameter:	5.079999923706055
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006843167
Layer:	1
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	5.880000114440918

Water Details

Water ID:	1006843165
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	9.819999694824219
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006843164
Diameter:	20.299999237060547
Depth From:	0.0
Depth To:	12.1899995803833
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	1006711669	**Tag No:**	A215081
Depth M:	12.19	**Contractor:**	1844
Year Completed:	2017	**Latitude:**	45.3819305537168
Well Completed Dt:	06/19/2017	**Longitude:**	-75.7702526545138
Audit No:	Z245021	**Y:**	45.381930547166874
Path:	729\7292237.pdf	**X:**	-75.77025249302731

19 | ***1 of 3*** | ***ENE/176.6*** | ***60.9 / -1.31*** | ***Unitarian House of Ottawa***
20 Cleary Ave. 20 Cleary Ave.
Ottawa ON K2A 3Z9 | ***GEN***

Generator No:	ON3250595
SIC Code:	531112
SIC Description:	531112
Approval Years:	2014
PO Box No:	
Country:	Canada
Status:	
Co Admin:	David Curry
Choice of Contact:	CO_OFFICIAL
Phone No Admin:	613-722-6690 Ext.

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

Contaminated Facility: No
MHSW Facility: No

Detail(s)

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

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19 | ***2 of 3*** | ***ENE/176.6*** | ***60.9 / -1.31*** | ***Unitarian House of Ottawa*** ***20 Cleary Ave*** ***Ottawa ON K2A3Z9*** | ***GEN***

Generator No: ON7442425
SIC Code:
SIC Description:
Approval Years: As of Dec 2017
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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19 | ***3 of 3*** | ***ENE/176.6*** | ***60.9 / -1.31*** | ***Unitarian House of Ottawa*** ***20 Cleary Ave*** ***Ottawa ON K2A 3Z9*** | ***GEN***

Generator No: ON2807061
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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20 | ***1 of 2*** | ***E/179.8*** | ***63.8 / 1.64*** | ***Sherbourne Avenue*** ***Ottawa ON K2A 3G1*** | ***EHS***

Order No: 20200508053
Status: C
Report Type: Standard Report
Report Date: 13-MAY-20
Date Received: 08-MAY-20
Previous Site Name:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.7702227
Y: 45.3813054

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

Lot/Building Size:
Additional Info Ordered:

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20 | **2 of 2** | **E/179.8** | **63.8 / 1.64** | **Sherbourne Avenue**
Ottawa ON K2A 3G1 | **EHS**

Order No:	20200508053	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	13-MAY-20	**Search Radius (km):**	.25
Date Received:	08-MAY-20	**X:**	-75.7702227
Previous Site Name:		**Y:**	45.3813054
Lot/Building Size:			
Additional Info Ordered:			

---

21 | **1 of 1** | **E/185.0** | **63.8 / 1.64** | **900 Byron Avenue**
Ottawa ON K2A 0J2 | **EHS**

Order No:	20100430040	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	5/7/2010	**Search Radius (km):**	0.25
Date Received:	4/30/2010	**X:**	-75.770178
Previous Site Name:		**Y:**	45.381238
Lot/Building Size:			
Additional Info Ordered:			

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22 | **1 of 1** | **S/186.1** | **64.9 / 2.69** | **Kiewit Eurovia Vinci**
Ottawa ON | **SPL**

Ref No:	4844-BHTQ4Q	**Contaminant Qty:**	
Site No:	NA	**Nature of Damage:**	
Incident Dt:	11/11/2019	**Discharger Report:**	
Year:		**Material Group:**	
Incident Cause:		**Health/Env Conseq:**	2 - Minor Environment
Incident Event:	Leak/Break	**Agency Involved:**	
Environment Impact:		**Site Lot:**	
Nature of Impact:		**Site Conc:**	
MOE Response:	No	**Site Geo Ref Accu:**	
Dt MOE Arvl on Scn:		**Site Map Datum:**	
MOE Reported Dt:	11/11/2019	**Northing:**	5025455
Dt Document Closed:		**Easting:**	439542
Municipality No:			
System Facility Address:			
Client Type:	Corporation		
Call Report Location Geodata:			
Contaminant Code:	15		
Contaminant Name:	HYDRAULIC OIL		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:	n/a		
Receiving Medium:			
Receiving Environment:	Land		
Incident Reason:	Equipment Failure		
Incident Summary:	Ottawa LRT: woodchipper 1.5 L hydraulic oil spill.		
Site Region:	Eastern		
Site Municipality:	Ottawa		
Activity Preceding Spill:			
Property 2nd Watershed:			

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

Property Tertiary Watershed:
Sector Type: Miscellaneous Industrial
SAC Action Class: Land Spills
Source Type: Other
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Woodchipper hydraulic oil spill. 1.5 L to pavement and soils<UNOFFICIAL>
Site Address:
Client Name: Kiewit Eurovia Vinci

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23 **1 of 6** **ENE/188.1** **61.8 / -0.36** **Enbridge Gas Distribution Inc.**
Cleary at Richmond Roads
Ottawa ON
SPL

Ref No: 1361-8BHTCK
Site No:
Incident Dt:
Year:
Incident Cause: Discharge or Emission to Air
Incident Event:
Environment Impact: Not Anticipated
Nature of Impact:
MOE Response: Referral to others
Dt MOE Arvl on Scn:
MOE Reported Dt: 11/24/2010
Dt Document Closed: 11/27/2010
Municipality No:
System Facility Address:
Client Type:
Call Report Location Geodata:
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Receiving Environment:
Incident Reason: Error- Operator error
Incident Summary: inch and a half damage by contractor
Site Region:
Site Municipality:
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Pipeline
SAC Action Class: TSSA - Fuel Safety Branch
Source Type:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Cleary at Richmond Roads<UNOFFICIAL>
Site Address:
Client Name:

Contaminant Qty: 0 other - see incident description
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:

---

23 **2 of 6** **ENE/188.1** **61.8 / -0.36** **Cleary Avenue & Richmond Road, Ottawa ON**
PINC

Incident Id: 2647586
Incident No: 491276

Pipe Material: Plastic
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:	3150470	**Enforce Policy:**	Yes
Spills Action Centre:	1361-8BHTCK	**Public Relation:**	No
Fuel Type:	Natural Gas	**Pipeline System:**	Transmission pipeline
Fuel Occurrence Tp:	Pipeline Strike	**PSIG:**	53
Date of Occurrence:	11/24/2010 0:00	**Attribute Category:**	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2011/06/08	**Regulator Location:**	Outside
Depth:	35	**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:	Cleary Avenue & Richmond Road, Ottawa - 1 1/4" Pipeline Hit		
Reported By:	Todd Stiles - Enbridge		
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)		
Occurrence Desc:	sidewalk replacement		
Damage Reason:	Excavation practices not sufficient		
Notes:	Failed to hand dig		

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23 | ***3 of 6*** | ***ENE/188.1*** | ***61.8 / -0.36*** | ***Richmond Rd and Cleary Ave Ottawa ON*** | ***SPL***

Ref No:	4571-AGGMH3	**Contaminant Qty:**	100 L
Site No:	NA	**Nature of Damage:**	
Incident Dt:	2016/12/09	**Discharger Report:**	
Year:		**Material Group:**	
Incident Cause:		**Health/Env Conseq:**	
Incident Event:	Leak/Break	**Agency Involved:**	
Environment Impact:		**Site Lot:**	
Nature of Impact:		**Site Conc:**	
MOE Response:	No	**Site Geo Ref Accu:**	
Dt MOE Arvl on Scn:		**Site Map Datum:**	
MOE Reported Dt:	2016/12/09	**Northing:**	
Dt Document Closed:		**Easting:**	
Municipality No:			
System Facility Address:			
Client Type:			
Call Report Location Geodata:			
Contaminant Code:	13		
Contaminant Name:	DIESEL FUEL		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:			
Receiving Environment:	Land		
Incident Reason:	Operator/Human Error		
Incident Summary:	MVA TT: 100L diesel to ground, contained		
Site Region:			
Site Municipality:	Ottawa		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:	Unknown / N/A		
SAC Action Class:	Land Spills		
Source Type:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:	Richmond Road<UNOFFICIAL>		

Site Address: Richmond Rd and Cleary Ave
Client Name:

---

23 **4 of 6** **ENE/188.1** **61.8 / -0.36** **NE corner of Richmond Rd, Clearey Ave OTTAWA ON** **SPL**

Ref No: 1-1914B1
Site No:
Incident Dt: 9/13/2021 5:00:46 PM
Year:
Incident Cause:
Incident Event:
Environment Impact: 1 Minor Impact
Nature of Impact:
MOE Response: Desktop Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/13/2021 6:41:00 PM
Dt Document Closed: 11/5/2021 1:54:19 PM
Municipality No:
System Facility Address:
Client Type:
Call Report Location Geodata: {"integration_ids":["PR00004333142"],"wkts":["POINT (-75.7701669000 45.3821658000)"],"creation_date":"2021-09-13"}
Contaminant Code:
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Receiving Environment:
Incident Reason:
Incident Summary: OLRT: 20 L Hydraulic Oil to Asphalt and Walkway
Site Region:
Site Municipality: OTTAWA
Activity Preceding Spill:
Property 2nd Watershed: Central Ottawa
Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi
Sector Type:
SAC Action Class:
Source Type:
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa District Office
Nearest Watercourse:
Site Name:
Site Address: NE corner of Richmond Rd, Clearey Ave
Client Name:

Contaminant Qty: 20 litre (L)
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 0 No Impact
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:

---

23 **5 of 6** **ENE/188.1** **61.8 / -0.36** **Richmond road and Cleary Ave Ottawa OTTAWA ON** **SPL**

Ref No: 1-18JH3Z
Site No:
Incident Dt:
Year:
Incident Cause:
Incident Event:
Environment Impact: 1 Minor Impact
Nature of Impact:
MOE Response: Desktop Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/8/2021 11:09:53 AM

Contaminant Qty: 1 other - see notes
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 0 No Impact
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:

Dt Document Closed: 11/5/2021 2:06:37 PM
Easting:
Municipality No:
System Facility Address:
Client Type:
Call Report Location Geodata: {"integration_ids":["PR00004333142"],"wkts":["POINT (-75.7701669000 45.3821658000)"],"creation_date":"2021-09-08"}
Contaminant Code:
Contaminant Name: GREASE (N.O.S.)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Receiving Environment:
Incident Reason:
Incident Summary: Spill 1 litre grease KEV Ottawa
Site Region:
Site Municipality: OTTAWA
Activity Preceding Spill:
Property 2nd Watershed: Central Ottawa
Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi
Sector Type: GENERAL FREIGHT TRUCKING, LOCAL
SAC Action Class:
Source Type:
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa District Office
Nearest Watercourse:
Site Name:
Site Address: Richmond road and Cleary Ave Ottawa
Client Name:

23	6 of 6	ENE/188.1	61.8 / -0.36	Cleary Avenue & Richmond Road OTTAWA ON	SPL

Ref No: 1-13Y0JT
Site No:
Incident Dt: 8/20/2021 1:00:00 PM
Year:
Incident Cause:
Incident Event: Leak/Break
Environment Impact: 1 Minor Impact
Nature of Impact:
MOE Response: Desktop Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/20/2021 3:13:37 PM
Dt Document Closed: 11/9/2021 2:29:55 PM
Municipality No:
System Facility Address:
Client Type:
Contaminant Qty: 5 litre (L)
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 0 No Impact
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Call Report Location Geodata: {"integration_ids":["PR00004333142"],"wkts":["POINT (-75.7701669000 45.3821658000)"],"creation_date":"2021-08-20"}
Contaminant Code:
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Receiving Environment:
Incident Reason:
Incident Summary: KEV: 5L hydraulic oil to grnd. clned
Site Region:
Site Municipality: OTTAWA
Activity Preceding Spill: Normal operations
Property 2nd Watershed: Central Ottawa

Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi
Sector Type: COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION
SAC Action Class:
Source Type: Valve/Fitting/Piping
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa District Office
Nearest Watercourse:
Site Name:
Site Address: Cleary Avenue & Richmond Road
Client Name:

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24 | **1 of 1** | **SSW/189.9** | **64.8 / 2.66** | **HOMESTEAD LAND HOLDINGS LIMITED**
851 Richmond RD
OTTAWA ON K2A 3X2 | **EASR**

Approval No: R-009-6111097354
Status: REGISTERED
Date: 2019-03-14
Record Type: EASR
Link Source: MOFA
Project Type: Water Taking - Construction Dewatering
Full Address:
Approval Type: EASR-Water Taking - Construction Dewatering
SWP Area Name: Rideau Valley
PDF URL:
PDF Site Location:

MOE District: Ottawa
Municipality: OTTAWA
Latitude: 45.38027778
Longitude: -75.7725
Geometry X:
Geometry Y:

---

25 | **1 of 1** | **ENE/198.7** | **61.2 / -1.00** | **RICHMOND RD. & CLEARLY ON** | **WWIS**

Well ID: 7293182
Construction Date:
Use 1st: Test Hole
Use 2nd: Monitoring
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z258477
Tag: A182666
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 06/16/2017
Year Completed: 2017
Depth (m): 11
Latitude: 45.3823276095436
Longitude: -75.7701047687443

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 08/18/2017
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
County: OTTAWA-CARLETON
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Path:

Bore Hole Information

Bore Hole ID:	1006713741	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	439709.00
Code OB Desc:		***North83:***	5025712.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	06/16/2017	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006855151
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	3.0999999046325684
Formation End Depth:	8.199999809265137
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006855149
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	0.3100000023841858
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006855152
Layer:	4
Color:	2
General Color:	GREY

Mat1: 06
Most Common Material: SILT
Mat2: 28
Mat2 Desc: SAND
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 8.199999809265137
Formation End Depth: 11.0
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006855150
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.3100000023841858
Formation End Depth: 3.0999999046325684
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006855162
Layer: 3
Plug From: 7.300000190734863
Plug To: 11.0
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006855160
Layer: 1
Plug From: 0.0
Plug To: 0.3100000023841858
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006855161
Layer: 2
Plug From: 0.3100000023841858
Plug To: 7.300000190734863
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006855159
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID:	1006855148
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006855155
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	7.900000095367432
Casing Diameter:	5.199999809265137
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006855156
Layer:	1
Slot:	10
Screen Top Depth:	7.900000095367432
Screen End Depth:	11.0
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03000020980835

Water Details

Water ID:	1006855154
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006855153
Diameter:	20.229999542236328
Depth From:	0.0
Depth To:	11.0
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	1006713741	***Tag No:***	A182666
Depth M:	11	***Contractor:***	7241
Year Completed:	2017	***Latitude:***	45.3823276095436
Well Completed Dt:	06/16/2017	***Longitude:***	-75.7701047687443
Audit No:	Z258477	***Y:***	45.38232760341008
Path:	729\7293182.pdf	***X:***	-75.77010460699059

26	***1 of 1***	***ENE/198.9***	***60.9 / -1.31***	***ON***	***WWIS***

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

Well ID:	7293486	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	08/29/2017
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	C30073	**Contractor:**	1844
Tag:	A215082	**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:	OTTAWA CITY		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	06/20/2017
Year Completed:	2017
Depth (m):	
Latitude:	45.3827752230546
Longitude:	-75.7704684968349
Path:	

Bore Hole Information

Bore Hole ID:	1006714150	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439681.00
Code OB Desc:		**North83:**	5025762.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	06/20/2017	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Links

Bore Hole ID:	1006714150	**Tag No:**	A215082
Depth M:		**Contractor:**	1844
Year Completed:	2017	**Latitude:**	45.3827752230546
Well Completed Dt:	06/20/2017	**Longitude:**	-75.7704684968349
Audit No:	C30073	**Y:**	45.382775216574686
Path:		**X:**	-75.77046833558889

27	*1 of 1*	*WNW/213.8*	*60.2 / -2.02*	*WWIS*

Well ID:	1508858	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	11/21/1952
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3718
Tag:		**Form Version:**	1
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:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508858.pdf

Additional Detail(s) (Map)

Well Completed Date:	09/03/1952
Year Completed:	1952
Depth (m):	26.5176
Latitude:	45.3824749395969
Longitude:	-75.7749388600822
Path:	150\1508858.pdf

Bore Hole Information

Bore Hole ID:	10030892	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439330.70
Code OB Desc:		**North83:**	5025732.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	09/03/1952	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Loc Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931010785
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010786
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 87.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508858
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579462
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930054415
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 15.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930054416
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 87.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991508858
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	8.0
Recommended Pump Depth:	
Pumping Rate:	2.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933463554
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933463555
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10030892	***Tag No:***	
Depth M:	26.5176	***Contractor:***	3718
Year Completed:	1952	***Latitude:***	45.3824749395969
Well Completed Dt:	09/03/1952	***Longitude:***	-75.7749388600822
Audit No:		***Y:***	45.38247493320702
Path:	150\1508858.pdf	***X:***	-75.77493869863507

28 ***1 of 1*** ***ENE/214.2*** ***61.2 / -0.97*** ***RICHMOND ROAD Ottawa ON*** ***WWIS***

Well ID:	7344665	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Abandoned-Other	***Date Received:***	10/22/2019
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	Yes
Audit No:	Z286426	***Contractor:***	7543
Tag:		***Form Version:***	7
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:	NEPEAN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7344665.pdf

Additional Detail(s) (Map)

Well Completed Date:	08/14/2019
Year Completed:	2019
Depth (m):	
Latitude:	45.3824545638421
Longitude:	-75.7699659875837
Path:	734\7344665.pdf

Bore Hole Information

Bore Hole ID:	1007687194	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439720.00
Code OB Desc:		**North83:**	5025726.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	08/14/2019	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Pipe Information

Pipe ID:	1008243518
Casing No:	0
Comment:	
Alt Name:	

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1008244310
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	

Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Water Details

Water ID: 1008244207
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 15.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1008244052
Diameter: 8.0
Depth From: 0.0
Depth To: 17.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

Links

Bore Hole ID: 1007687194
Depth M:
Year Completed: 2019
Well Completed Dt: 08/14/2019
Audit No: Z286426
Path: 734\7344665.pdf
Tag No:
Contractor: 7543
Latitude: 45.3824545638421
Longitude: -75.7699659875837
Y: 45.38245455708687
X: -75.76996582629755

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29 ***1 of 1*** ***S/218.2*** ***65.9 / 3.73*** ***Kiewit Eurovia Vinci Ottawa Partnership***
Near 100 Byron Ave
Ottawa ON
SPL

Ref No: 0444-BYZSBJ
Site No: NA
Incident Dt: 2021/03/11
Year:
Incident Cause:
Incident Event: Leak/Break
Environment Impact:
Nature of Impact:
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 2021/03/11
Dt Document Closed: 2021/04/19
Municipality No:
System Facility Address:
Client Type: Corporation
Call Report Location Geodata:
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Receiving Medium:
Receiving Environment: Land
Incident Reason: Equipment Failure
Incident Summary: KEV: 2L hydraulic oil to excavated pit with snow melt, cntd
Site Region: Eastern
Contaminant Qty: 2 L
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 5025422
Easting: 439525

Site Municipality: Ottawa
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Industrial
SAC Action Class:
Source Type: Valve/Fitting/Piping
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Site<UNOFFICIAL>
Site Address: Near 100 Byron Ave
Client Name: Kiewit Eurovia Vinci Ottawa Partnership

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30 **1 of 1** **ENE/218.6** **60.9 / -1.31** **747 RICHMOND RD OTTAWA ON** **WWIS**

Well ID: 7305505
Construction Date:
Use 1st: Test Hole
Use 2nd: Monitoring
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z277509
Tag: A185780
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 02/13/2018
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
County: OTTAWA-CARLETON
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 01/03/2017
Year Completed: 2017
Depth (m): 10.66
Latitude: 45.3826341434674
Longitude: -75.7700322913826
Path:

Bore Hole Information

Bore Hole ID: 1006985379
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 01/03/2017
Remarks:
Loc Method Desc: on Water Well Record

Elevation:
Elevrc:
Zone: 18
East83: 439715.00
North83: 5025746.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1007144427
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.2100000381469727
Formation End Depth:	8.220000267028809
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007144428
Layer:	3
Color:	2
General Color:	GREY
Mat1:	34
Most Common Material:	TILL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	8.220000267028809
Formation End Depth:	10.65999984741211
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007144426
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.2100000381469727
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007144436

Layer: 1
Plug From: 0.0
Plug To: 0.3100000023841858
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007144437
Layer: 2
Plug From: 0.3100000023841858
Plug To: 7.309999942779541
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007144438
Layer: 3
Plug From: 7.309999942779541
Plug To: 10.65999984741211
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1007144435
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1007144425
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007144431
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 7.619999885559082
Casing Diameter: 5.199999809265137
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1007144432
Layer: 1
Slot: 10
Screen Top Depth: 7.619999885559082
Screen End Depth: 10.65999984741211
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03000020980835

Water Details

Water ID:	1007144430
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007144429
Diameter:	20.950000762939453
Depth From:	0.0
Depth To:	10.65999984741211
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	1006985379	***Tag No:***	A185780
Depth M:	10.66	***Contractor:***	7241
Year Completed:	2017	***Latitude:***	45.3826341434674
Well Completed Dt:	01/03/2017	***Longitude:***	-75.7700322913826
Audit No:	Z277509	***Y:***	45.38263413602877
Path:	730\7305505.pdf	***X:***	-75.7700321291148

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31 ***1 of 1*** ***E/218.8*** ***62.9 / 0.75*** ***ON*** ***WWIS***

Well ID:	1508587	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	09/10/1951
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3718
Tag:		***Form Version:***	1
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:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508587.pdf

Additional Detail(s) (Map)

Well Completed Date:	06/20/1951
Year Completed:	1951
Depth (m):	34.1376
Latitude:	45.3814302877949
Longitude:	-75.7696876838802
Path:	150\1508587.pdf

Bore Hole Information

Bore Hole ID:	10030621	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	439740.70
Code OB Desc:		***North83:***	5025612.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	06/20/1951	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9

Loc Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931010057
Layer: 2
Color:
General Color:
Mat1: 13
Most Common Material: BOULDERS
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010060
Layer: 5
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 75.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010056
Layer: 1
Color:
General Color:
Mat1: 05

Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010058
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010059
Layer: 4
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 50.0
Formation End Depth: 75.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010062
Layer: 7
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 90.0
Formation End Depth: 112.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010061
Layer: 6
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 80.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508587
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579191
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053876
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 90.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053877
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 112.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991508587
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 35.0
Recommended Pump Depth:

Pumping Rate:	3.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933463156
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933463157
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	108.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10030621	**Tag No:**	
Depth M:	34.1376	**Contractor:**	3718
Year Completed:	1951	**Latitude:**	45.3814302877949
Well Completed Dt:	06/20/1951	**Longitude:**	-75.7696876838802
Audit No:		**Y:**	45.38143028113332
Path:	150\1508587.pdf	**X:**	-75.76968752211359

32 ***1 of 1*** ***ENE/223.1*** ***59.8 / -2.39*** ***ON*** ***WWIS***

Well ID:	1508762	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	12/08/1952
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4748
Tag:		**Form Version:**	1
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:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508762.pdf

Additional Detail(s) (Map)

Well Completed Date: 07/16/1952
Year Completed: 1952
Depth (m): 18.5928
Latitude: 45.3827777812995
Longitude: -75.7700891663503
Path: 150\1508762.pdf

Bore Hole Information

Bore Hole ID: 10030796
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/16/1952
Remarks:
Loc Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone: 18
East83: 439710.70
North83: 5025762.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 931010528
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 27.0
Formation End Depth: 61.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010527
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 02
Mat2 Desc: TOPSOIL
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 0.0

Formation End Depth: 27.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508762
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579366
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930054226
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 31.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930054227
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 61.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991508762
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 30.0
Recommended Pump Depth:
Pumping Rate: 4.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 15
Flowing: No

Water Details

Water ID:	933463424
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10030796	***Tag No:***	
Depth M:	18.5928	***Contractor:***	4748
Year Completed:	1952	***Latitude:***	45.3827777812995
Well Completed Dt:	07/16/1952	***Longitude:***	-75.7700891663503
Audit No:		***Y:***	45.38277777441722
Path:	150\1508762.pdf	***X:***	-75.77008900411931

33 ***1 of 2*** ***SE/223.1*** ***65.9 / 3.69*** ***Enbridge Gas Distribution Inc.*** ***SPL***
2045 Honeywell Ave
Ottawa ON

Ref No:	8773-BBQJM4	***Contaminant Qty:***	0 ft³
Site No:	NA	***Nature of Damage:***	
Incident Dt:	4/30/2019	***Discharger Report:***	
Year:		***Material Group:***	
Incident Cause:		***Health/Env Conseq:***	2 - Minor Environment
Incident Event:	Leak/Break	***Agency Involved:***	
Environment Impact:		***Site Lot:***	
Nature of Impact:		***Site Conc:***	
MOE Response:	No	***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Map Datum:***	
MOE Reported Dt:	4/30/2019	***Northing:***	5025485.72
Dt Document Closed:	6/29/2019	***Easting:***	439697.05
Municipality No:			
System Facility Address:			
Client Type:	Corporation		
Call Report Location Geodata:			
Contaminant Code:	35		
Contaminant Name:	NATURAL GAS (METHANE)		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:	1075		
Receiving Medium:			
Receiving Environment:	Air		
Incident Reason:	Operator/Human Error		
Incident Summary:	TSSA FSB: made safe, Enbridge 1/2" IP plastic line strike		
Site Region:	Eastern		
Site Municipality:	Ottawa		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:	Miscellaneous Industrial		
SAC Action Class:	Air Spills - Gases and Vapours		
Source Type:	Valve/Fitting/Piping		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	2045 Honeywell Ave, Ottawa<UNOFFICIAL>		
Site Address:	2045 Honeywell Ave		
Client Name:	Enbridge Gas Distribution Inc.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
33	2 of 2	SE/223.1	65.9 / 3.69	ENBRIDGE GAS INC 2045 HONEYWELL AVE,,OTTAWA,ON,K2A 0P7, CA ON	PINC

Incident Id:
Incident No: 2569294
Incident Reported Dt: 4/30/2019
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: ENBRIDGE GAS INC
Incident Address: 2045 HONEYWELL AVE,,OTTAWA,ON,K2A 0P7,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:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	1 of 1	E/227.9	61.6 / -0.61	Kiewit Eurovia Vinci Intersection of Richmound Rd and Redwood Avenue Ottawa ON	SPL

Ref No: 0200-BY6L9R
Site No: NA
Incident Dt: 2021/02/11
Year:
Incident Cause:
Incident Event: Leak/Break
Environment Impact:
Nature of Impact:
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 2021/02/12
Dt Document Closed: 2021/04/11
Municipality No:
System Facility Address:
Client Type: Corporation
Call Report Location Geodata:
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Receiving Medium:
Receiving Environment: Land
Incident Reason: Equipment Failure
Incident Summary: Richmound Rd and Redwood Ave - 1 L hydraulic spill to ground, cleaned up
Site Region: Eastern
Site Municipality: Ottawa

Contaminant Qty: 1 L
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 5025672.97
Easting: 439749.3

Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Industrial
SAC Action Class: Primary Assessment of Spills
Source Type: Motor Vehicle
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Intersection<UNOFFICIAL>
Site Address: Intersection of Richmound Rd and Redwood Avenue
Client Name: Kiewit Eurovia Vinci

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35 | ***1 of 1*** | ***ENE/230.9*** | ***60.9 / -1.31*** | ***747 RICHMOND RD OTTAWA ON*** | ***WWIS***

Well ID: 7305506
Construction Date:
Use 1st: Test Hole
Use 2nd: Monitoring
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z277501
Tag: A189874
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 02/13/2018
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
County: OTTAWA-CARLETON
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 01/14/2018
Year Completed: 2018
Depth (m): 10.5156
Latitude: 45.3826532637713
Longitude: -75.7698664992016
Path:

Bore Hole Information

Bore Hole ID: 1006985382
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 01/14/2018
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:

Elevation:
Elevrc:
Zone: 18
East83: 439728.00
North83: 5025748.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1007144453
Layer: 3
Color: 2
General Color: GREY
Mat1: 34
Most Common Material: TILL
Mat2:
Mat2 Desc:
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 26.0
Formation End Depth: 34.5
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007144451
Layer: 1
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007144452
Layer: 2
Color: 8
General Color: BLACK
Mat1: 21
Most Common Material: GRANITE
Mat2:
Mat2 Desc:
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 1.0
Formation End Depth: 26.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007144463
Layer: 2

Plug From: 1.0
Plug To: 18.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007144465
Layer: 4
Plug From: 23.5
Plug To: 34.5
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007144462
Layer: 1
Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007144464
Layer: 3
Plug From: 18.0
Plug To: 23.5
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007144461
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1007144450
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007144457
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 24.5
Casing Diameter: 1.3799999952316284
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID:	1007144458
Layer:	1
Slot:	10
Screen Top Depth:	24.5
Screen End Depth:	34.5
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.659999966621399

Water Details

Water ID:	1007144456
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1007144455
Diameter:	2.375
Depth From:	28.0
Depth To:	34.5
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1007144454
Diameter:	3.5
Depth From:	0.0
Depth To:	28.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Links

Bore Hole ID:	1006985382	**Tag No:**	A189874
Depth M:	10.5156	**Contractor:**	7241
Year Completed:	2018	**Latitude:**	45.3826532637713
Well Completed Dt:	01/14/2018	**Longitude:**	-75.7698664992016
Audit No:	Z277501	**Y:**	45.382653257542174
Path:	730\7305506.pdf	**X:**	-75.76986633699758

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36 ***1 of 1*** ***ENE/231.4*** ***60.9 / -1.31*** ***747 RICHMOND RD OTTAWA ON*** ***WWIS***

Well ID:	7305504	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Test Hole	**Data Entry Status:**	
Use 2nd:	Monitoring	**Data Src:**	
Final Well Status:	Test Hole	**Date Received:**	02/13/2018
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z277510	**Contractor:**	7241
Tag:	A185781	**Form Version:**	7
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: OTTAWA CITY
Site Info:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 01/03/2017
Year Completed: 2017
Depth (m): 10.66
Latitude: 45.3826443493529
Longitude: -75.7698536049952
Path:

Bore Hole Information

Bore Hole ID: 1006985376 ***Elevation:***
DP2BR: ***Elevrc:***
Spatial Status: ***Zone:*** 18
Code OB: ***East83:*** 439729.00
Code OB Desc: ***North83:*** 5025747.00
Open Hole: ***Org CS:*** UTM83
Cluster Kind: ***UTMRC:*** 4
Date Completed: 01/03/2017 ***UTMRC Desc:*** margin of error : 30 m - 100 m
Remarks: ***Location Method:*** wwr
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1007143746
Layer: 2
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 05
Mat2 Desc: CLAY
Mat3:
Mat3 Desc:
Formation Top Depth: 1.2100000381469727
Formation End Depth: 8.220000267028809
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1007143745
Layer: 1
Color: 6
General Color: BROWN

Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.2100000381469727
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1007143747
Layer: 3
Color: 2
General Color: GREY
Mat1: 34
Most Common Material: TILL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 8.220000267028809
Formation End Depth: 10.65999984741211
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007143756
Layer: 2
Plug From: 0.3100000023841858
Plug To: 7.309999942779541
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007143755
Layer: 1
Plug From: 0.0
Plug To: 0.3100000023841858
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007143757
Layer: 3
Plug From: 7.309999942779541
Plug To: 10.65999984741211
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1007143754
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID:	1007143744
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007143750
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	7.619999885559082
Casing Diameter:	5.199999809265137
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1007143751
Layer:	1
Slot:	10
Screen Top Depth:	7.619999885559082
Screen End Depth:	10.65999984741211
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03000020980835

Water Details

Water ID:	1007143749
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007143748
Diameter:	20.950000762939453
Depth From:	0.0
Depth To:	10.65999984741211
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	1006985376	***Tag No:***	A185781
Depth M:	10.66	***Contractor:***	7241
Year Completed:	2017	***Latitude:***	45.3826443493529
Well Completed Dt:	01/03/2017	***Longitude:***	-75.7698536049952
Audit No:	Z277510	***Y:***	45.382644342242386
Path:	730\7305504.pdf	***X:***	-75.76985344348334

37	***1 of 1***	***ENE/237.2***	***60.9 / -1.31***	***RICHMOND ROAD & CLEARY ON***	***WWIS***

Well ID:	7293198	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Test Hole	**Data Entry Status:**	
Use 2nd:	Monitoring	**Data Src:**	
Final Well Status:	Monitoring and Test Hole	**Date Received:**	08/18/2017
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z258480	**Contractor:**	7241
Tag:	A182669	**Form Version:**	7
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:	NEPEAN TOWNSHIP		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	06/29/2017
Year Completed:	2017
Depth (m):	10.7
Latitude:	45.3826001215519
Longitude:	-75.7697380458965
Path:	

Bore Hole Information

Bore Hole ID:	1006713618	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439738.00
Code OB Desc:		**North83:**	5025742.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	06/29/2017	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006827414
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND

Mat3:
Mat3 Desc:
Formation Top Depth: 3.0999999046325684
Formation End Depth: 4.570000171661377
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006827415
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 84
Mat3 Desc: SILTY
Formation Top Depth: 4.570000171661377
Formation End Depth: 10.699999809265137
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006827412
Layer: 1
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.6100000143051147
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006827413
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.6100000143051147
Formation End Depth: 3.0999999046325684
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006827424
Layer: 2

Plug From: 0.3100000023841858
Plug To: 7.0
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006827425
Layer: 3
Plug From: 7.0
Plug To: 10.699999809265137
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006827423
Layer: 1
Plug From: 0.0
Plug To: 0.3100000023841858
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006827422
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1006827411
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006827418
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 7.619999885559082
Casing Diameter: 5.199999809265137
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006827419
Layer: 1
Slot: 10
Screen Top Depth: 2.619999885559082
Screen End Depth: 10.699999809265137
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03000020980835

Water Details

Water ID:	1006827417
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006827416
Diameter:	20.229999542236328
Depth From:	0.0
Depth To:	10.699999809265137
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	1006713618	***Tag No:***	A182669
Depth M:	10.7	***Contractor:***	7241
Year Completed:	2017	***Latitude:***	45.3826001215519
Well Completed Dt:	06/29/2017	***Longitude:***	-75.7697380458965
Audit No:	Z258480	***Y:***	45.38260011526592
Path:	729\7293198.pdf	***X:***	-75.76973788424723

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38 ***1 of 4*** ***ENE/239.7*** ***59.8 / -2.39*** ***Signs in 23 Hours, Inc.*** ***747 Richmond Rd Unit B*** ***Ottawa ON K2A 0G6*** ***SCT***

Established:	1990
Plant Size (ft²):	
Employment:	

--Details--

Description:	Sign Manufacturing
SIC/NAICS Code:	339950

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38 ***2 of 4*** ***ENE/239.7*** ***59.8 / -2.39*** ***Morrison Hershfield Limited*** ***747 Richmond Road*** ***Ottawa ON K2A 1R8*** ***GEN***

Generator No:	ON9207424
SIC Code:	
SIC Description:	
Approval Years:	As of Dec 2018
PO Box No:	
Country:	Canada
Status:	Registered
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	221 L

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

Waste Class Name: Light fuels

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38 **3 of 4** **ENE/239.7** **59.8 / -2.39** **Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and Dodin Quebec Inc. 747 Richmond Rd Ottawa ON K1H 1E1** **ECA**

Approval No: 9166-BQPRHZ
Approval Date: 2020-06-23
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and Dodin Quebec Inc.
Address: 747 Richmond Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5850-BMJQD2-14.pdf
PDF Site Location:

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

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38 **4 of 4** **ENE/239.7** **59.8 / -2.39** **Kiewit Eurovia Vinci near Sir John A MacDonald Parkway Cleary Avenue (nearest civic: 747 Richmond Rd,) Ottawa ON** **SPL**

Ref No: 6431-BVXQZ3
Site No: NA
Incident Dt: 12/3/2020
Year:
Incident Cause:
Incident Event: Leak/Break
Environment Impact:
Nature of Impact:
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/3/2020
Dt Document Closed: 2/1/2021
Municipality No:
System Facility Address:
Client Type: Corporation
Call Report Location Geodata:
Contaminant Code: 36
Contaminant Name: PROPANE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: 1978
Receiving Medium:
Receiving Environment: Air
Incident Reason: Equipment Failure
Incident Summary: KEV: max 50 lbs propane to atm from tank
Site Region: Eastern
Site Municipality: Ottawa
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Industrial
SAC Action Class:
Source Type: Valve/Fitting/Piping
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:

Contaminant Qty: 22.68 kg
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 5025770
Easting: 439647

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

Site Name: Site<UNOFFICIAL>
Site Address: near Sir John A MacDonald Parkway Cleary Avenue (nearest civic: 747 Richmond Rd,)
Client Name: Kiewit Eurovia Vinci

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39 | 1 of 1 | ENE/241.6 | 60.9 / -1.31 | RICHMOND ROAD & CLEARY Ottawa ON | WWIS

Well ID:	7293199	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Test Hole	**Data Entry Status:**	
Use 2nd:	Monitoring	**Data Src:**	
Final Well Status:	Monitoring and Test Hole	**Date Received:**	08/18/2017
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z258478	**Contractor:**	7241
Tag:	A182667	**Form Version:**	7
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:	NEPEAN TOWNSHIP		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	06/27/2017
Year Completed:	2017
Depth (m):	12.1
Latitude:	45.3826722116894
Longitude:	-75.7697262510025
Path:	

Bore Hole Information

Bore Hole ID:	1006713621	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439739.00
Code OB Desc:		**North83:**	5025750.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	06/27/2017	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006827466
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1.5
Formation End Depth:	7.619999885559082
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006827464
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	0.3100000023841858
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006827465
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.3100000023841858
Formation End Depth:	1.5
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006827467
Layer:	4
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	7.619999885559082
Formation End Depth:	10.600000381469727

Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006827468
Layer: 5
Color: 2
General Color: GREY
Mat1: 10
Most Common Material: COARSE SAND
Mat2:
Mat2 Desc:
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 10.600000381469727
Formation End Depth: 12.100000381469727
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006827477
Layer: 2
Plug From: 0.3100000023841858
Plug To: 8.5
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006827476
Layer: 1
Plug From: 0.0
Plug To: 0.3100000023841858
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006827478
Layer: 3
Plug From: 8.5
Plug To: 12.100000381469727
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006827475
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1006827463
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	1006827471
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	9.100000381469727
Casing Diameter:	5.199999809265137
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006827472
Layer:	1
Slot:	10
Screen Top Depth:	9.100000381469727
Screen End Depth:	12.100000381469727
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03000020980835

Water Details

Water ID:	1006827470
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006827469
Diameter:	20.229999542236328
Depth From:	0.0
Depth To:	12.100000381469727
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	1006713621	***Tag No:***	A182667
Depth M:	12.1	***Contractor:***	7241
Year Completed:	2017	***Latitude:***	45.3826722116894
Well Completed Dt:	06/27/2017	***Longitude:***	-75.7697262510025
Audit No:	Z258478	***Y:***	45.38267220553946
Path:	729\7293199.pdf	***X:***	-75.76972608936534

40 ***1 of 1*** ***NNE/241.7*** ***52.9 / -9.31*** ***ON*** ***WWIS***

Well ID:	1507811	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	03/01/1954
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	

Audit No:		**Contractor:**	4825
Tag:		**Form Version:**	1
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:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507811.pdf

Additional Detail(s) (Map)

Well Completed Date:	11/09/1953
Year Completed:	1953
Depth (m):	28.956
Latitude:	45.383731440119
Longitude:	-75.771494421171
Path:	150\1507811.pdf

Bore Hole Information

Bore Hole ID:	10029846	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439601.70
Code OB Desc:		**North83:**	5025869.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11/09/1953	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	gis
Loc Method Desc:	from gis		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008089
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	38.0
Formation End Depth:	95.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931008088
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	38.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008087
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961507811
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10578416
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930052355
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	38.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930052357
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	95.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930052356
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	43.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991507811
Pump Set At:	
Static Level:	14.0
Final Level After Pumping:	16.0
Recommended Pump Depth:	
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	25
Flowing:	No

Water Details

Water ID:	933462073
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	85.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10029846	***Tag No:***	
Depth M:	28.956	***Contractor:***	4825
Year Completed:	1953	***Latitude:***	45.383731440119
Well Completed Dt:	11/09/1953	***Longitude:***	-75.771494421171
Audit No:		***Y:***	45.38373143312222
Path:	150\1507811.pdf	***X:***	-75.77149425883283

41	***1 of 1***	***NNE/244.4***	***52.9 / -9.31***	***BORE***

Borehole ID:	611047	**Inclin FLG:**	No
OGF ID:	215512546	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	NOV-1953	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.38376
Total Depth m:	29	**Longitude DD:**	-75.771508
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	439601
Drill Method:		**Northing:**	5025872
Orig Ground Elev m:	57.9	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	55.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218387333	**Mat Consistency:**	
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	11.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Gravel	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	GRAVEL.		

Geology Stratum ID:	218387334	**Mat Consistency:**	Dense
Top Depth:	11.6	**Material Moisture:**	
Bottom Depth:	29	**Material Texture:**	Fine
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE. 00085AVEL. VERY DENSE. BEDROCK,SANDSTONEFINE,SCHIST. GREY. 00010033FIED,TILL.		

Geology Stratum ID:	218387332	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY.		

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: OTTAWA1.txt RecordID: 03555 NTS_Sheet:		
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		

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42 ***1 of 2*** ***E/249.0*** ***61.9 / -0.25*** ***ON*** ***WWIS***

Well ID:	1508585	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	05/08/1950
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3566
Tag:		**Form Version:**	1
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:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508585.pdf

Additional Detail(s) (Map)

Well Completed Date:	01/21/1950
Year Completed:	1950
Depth (m):	24.0792
Latitude:	45.381972899808
Longitude:	-75.769311855111
Path:	150\1508585.pdf

Bore Hole Information

Bore Hole ID:	10030619	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439770.70
Code OB Desc:		**North83:**	5025672.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	01/21/1950	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Loc Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM		

Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931010051
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 09
Mat2 Desc: MEDIUM SAND
Mat3: 12
Mat3 Desc: STONES
Formation Top Depth: 0.0
Formation End Depth: 77.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010052
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 77.0
Formation End Depth: 79.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508585
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579189
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053872
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:	
Depth To:	79.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991508585
Pump Set At:	
Static Level:	42.0
Final Level After Pumping:	64.0
Recommended Pump Depth:	
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933463152
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933463153
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	79.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10030619	***Tag No:***	
Depth M:	24.0792	***Contractor:***	3566
Year Completed:	1950	***Latitude:***	45.381972899808
Well Completed Dt:	01/21/1950	***Longitude:***	-75.769311855111
Audit No:		***Y:***	45.38197289311231
Path:	150\1508585.pdf	***X:***	-75.76931169312826

42 ***2 of 2*** ***E/249.0*** ***61.9 / -0.25*** ***ON*** ***WWIS***

Well ID:	1508586	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	05/08/1950
Water Type:		***Selected Flag:***	TRUE

Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3566
Tag:		**Form Version:**	1
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:	OTTAWA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508586.pdf

Additional Detail(s) (Map)

Well Completed Date:	04/27/1950
Year Completed:	1950
Depth (m):	55.1688
Latitude:	45.381972899808
Longitude:	-75.769311855111
Path:	150\1508586.pdf

Bore Hole Information

Bore Hole ID:	10030620	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	439770.70
Code OB Desc:		**North83:**	5025672.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	04/27/1950	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Loc Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931010053
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931010055
Layer:	3
Color:	
General Color:	
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	81.0
Formation End Depth:	181.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931010054
Layer:	2
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	81.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961508586
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10579190
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930053874
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	98.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID: 930053873
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 78.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053875
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 181.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991508586
Pump Set At:
Static Level: 48.0
Final Level After Pumping: 78.0
Recommended Pump Depth:
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933463154
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70.0
Water Found Depth UOM: ft

Water Details

Water ID: 933463155
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 181.0
Water Found Depth UOM: ft

Links

Bore Hole ID:	10030620	***Tag No:***	
Depth M:	55.1688	***Contractor:***	3566
Year Completed:	1950	***Latitude:***	45.381972899808
Well Completed Dt:	04/27/1950	***Longitude:***	-75.769311855111
Audit No:		***Y:***	45.38197289311231
Path:	150\1508586.pdf	***X:***	-75.76931169312826

Unplottable Summary

Total: 23 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	CITY	BYRON AVE.	OTTAWA ON	
CA	Bourke Family Development Inc.	Byron Ave Reginstered Plan No. 204	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA		Richmond Pumping Station Forcemain	Ottawa ON	
CA		Parts of lots 23, 24, and 25, Concession 1	Ottawa ON	
CA		Lot 25 & 26, Concession 1	Ottawa ON	
CA		Lot 25 & 26, Concession 1	Ottawa ON	
CA		Richmond Road	Ottawa ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	OTTAWA CITY	BYRON AVENUE	OTTAWA CITY ON	
CA	NON PROFIT HOUSING CORPORATION	PRIVATE (ON SITE) RICHMOND ST.	OTTAWA CITY ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	NON-PROFIT HOUSING CORPORATION	RICHMOND RD.NON-PROFIT HOUSING	OTTAWA CITY ON	
GEN	Kiewit Eurovia Vinci	Cleary Station Richmond Road	Ottawa ON	K2A 0G6
GEN	Kiewit Eurovia Vinci	Cleary Station Richmond Road	Ottawa ON	K2A 0G6
RSC		Pt. Lots 25, 26, 27, Conc 1, Ottawa Front, Former CPR R/W, (Near Richmond R.),	Ottawa ON	

SPL		Richmond	Ottawa ON
SPL	Hydro-Ottawa	Richmond	Ottawa ON
SPL	Kiewit Eurovia Vinci	Cleary St and Sr John a Macdonald Parkway	Ottawa ON
SPL	TEXACO	RICHMOND RD. SERVICE STATION	OTTAWA CITY ON
WWIS		lot 27	ON

Unplottable Report

Site: ***CITY***
BYRON AVE. OTTAWA ON

Database: ***CA***

Certificate #:	3-0302-85-006
Application Year:	85
Issue Date:	4/22/85
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Bourke Family Development Inc.***
Byron Ave Reginstered Plan No. 204 Ottawa ON

Database: ***CA***

Certificate #:	3911-7BKMY9
Application Year:	2008
Issue Date:	2/7/2008
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***City of Ottawa***
Richmond Road Ottawa ON

Database: ***CA***

Certificate #:	6859-5X8K46
Application Year:	2004
Issue Date:	3/23/2004
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:
Richmond Pumping Station Forcemain Ottawa ON

Database: ***CA***

Certificate #:	3-0843-83-006
Application Year:	01

Issue Date: 8/24/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: Notice
Client Name: Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West, Fourth Floor
Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: This application is for upgrades to the sanitary forcemain for the Richmond Pumping Station as follows: 1) Construction of an extension of the 200 mm forcemain from the pumping station to the lagoons in accordance with Certificate of Approval 3-0843-83-006. 2) Construction of a 300 mm forcemain off of the existing 500 mm forcemain for by-pass to lagoon cell C during periods of forcemain shutdown. 3) Construction of second 500 mm diameter forcemain under the Jock River.
Contaminants:
Emission Control:

Site: ***Database:*** ***CA***
Parts of lots 23, 24, and 25, Concession 1 Ottawa ON

Certificate #: 3338-4QES6W
Application Year: 00
Issue Date: 10/25/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Claridge Homes (Rockcliffe Mews) Inc.
Client Address: 2001-210 Gladstone Ave.
Client City: Ottawa
Client Postal Code: K2P 0Y6
Project Description: watermains construction on Merganser Circle, Den Haag Drive, the Easement on block 101, and Streets 3 and 4
Contaminants:
Emission Control:

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

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

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

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

Contaminants:
Emission Control:

Site: ***Database:***
Richmond Road Ottawa ON ***CA***

Certificate #: 7965-5ERRRZ
Application Year: 02
Issue Date: 10/11/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: This application is for the construction of storm and sanitary sewers and appurtenances on Richmond Road
Contaminants:
Emission Control:

Site: ***Database:***
OTTAWA CITY
RICHMOND ROAD OTTAWA CITY ON ***CA***

Certificate #: 3-1088-90-
Application Year: 90
Issue Date: 6/26/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Database:***
OTTAWA CITY
BYRON AVENUE OTTAWA CITY ON ***CA***

Certificate #: 3-1320-88-
Application Year: 88
Issue Date: 8/5/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Database:***
NON PROFIT HOUSING CORPORATION
PRIVATE (ON SITE) RICHMOND ST. OTTAWA CITY ON ***CA***

Certificate #: 3-1118-87-
Application Year: 87
Issue Date: 7/7/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:

Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Richmond Road Ottawa ON

Database: ***CA***

Certificate #:	7893-5NLQJH
Application Year:	2003
Issue Date:	6/18/2003
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***OTTAWA CITY***
RICHMOND ROAD OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-0159-96-
Application Year:	96
Issue Date:	4/1/1996
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***
Richmond Road Ottawa ON

Database: ***CA***

Certificate #:	1424-6CXJGA
Application Year:	2005
Issue Date:	6/3/2005
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***NON-PROFIT HOUSING CORPORATION***
RICHMOND RD.NON-PROFIT HOUSING OTTAWA CITY ON

Database: ***CA***

Certificate #:	7-0925-87-

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

Site: ***Kiewit Eurovia Vinci***
Cleary Station Richmond Road Ottawa ON K2A 0G6

Database: ***GEN***

Generator No: ON6388739
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 221 L
Waste Class Name: Light fuels

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

Site: ***Kiewit Eurovia Vinci***
Cleary Station Richmond Road Ottawa ON K2A 0G6

Database: ***GEN***

Generator No: ON6388739
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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

Waste Class: 221 L
Waste Class Name: LIGHT FUELS

Site:

Pt. Lots 25, 26, 27, Conc 1, Ottawa Front, Former CPR R/W, (Near Richmond R.), Ottawa ON

Database: ***RSC***

RSC ID:		***Cert Date:***	
RA No:		***Cert Prop Use No:***	
RSC Type:		***Intended Prop Use:***	
Curr Property Use:		***Qual Person Name:***	
Ministry District:	Guelph	***Stratified (Y/N):***	N
Filing Date:	06/02/99	***Audit (Y/N):***	N
Date Ack:	06/02/99	***Entire Leg Prop. (Y/N):***	
Date Returned:		***Accuracy Estimate:***	
Restoration Type:	Generic	***Telephone:***	
Soil Type:	Fine	***Fax:***	
Criteria:	Ind/comm, potable	***Email:***	
CPU Issued Sect 1686:			
Asmt Roll No:			
Prop ID No (PIN):			
Property Municipal Address:			
Mailing Address:			
Latitude & Latitude:			
UTM Coordinates:			
Consultant:	Trow Consulting		
Legal Desc:			
Measurement Method:			
Applicable Standards:			
RSC PDF:			

Site:

Richmond Ottawa ON

Database: ***SPL***

Ref No:	6637-67GQEZ	***Contaminant Qty:***	
Site No:		***Nature of Damage:***	
Incident Dt:	8/6/2004	***Discharger Report:***	
Year:		***Material Group:***	Oil
Incident Cause:		***Health/Env Conseq:***	
Incident Event:		***Agency Involved:***	
Environment Impact:	Not Anticipated	***Site Lot:***	
Nature of Impact:	Soil Contamination	***Site Conc:***	
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Map Datum:***	
MOE Reported Dt:	12/8/2004	***Northing:***	
Dt Document Closed:		***Easting:***	
Municipality No:			
System Facility Address:			
Client Type:			
Call Report Location Geodata:			
Contaminant Code:	13		
Contaminant Name:	FURNACE OIL		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	Land		
Receiving Environment:			
Incident Reason:			
Incident Summary:	6570 Franktown Rd - furnace oil spill		
Site Region:	Eastern		
Site Municipality:	Ottawa		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:	Notification		
Source Type:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			

Site Name: 6570 FRANKTOWN RD<UNOFFICIAL>
Site Address:
Client Name:

Site: ***Hydro-Ottawa***
Richmond Ottawa ON

Database: ***SPL***

Ref No: 3852-5V7S7N
Site No:
Incident Dt: 11/6/2003
Year:
Incident Cause: Cooling System Leak
Incident Event:
Environment Impact: Confirmed
Nature of Impact: Soil Contamination
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 1/14/2004
Dt Document Closed:
Municipality No:
System Facility Address:
Client Type:
Call Report Location Geodata:
Contaminant Code: 13
Contaminant Name: MINERAL OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Receiving Environment:
Incident Reason: Unknown - Reason not determined
Incident Summary: Hydro Ottawa - non PCB- 100 L Xformer oil
Site Region: Eastern
Site Municipality: Ottawa
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Transformer
SAC Action Class: Spill to Land
Source Type:
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: CORNER OF CHANNONHOUSE RD AND DALLAIRE RD<UNOFFICIAL>
Site Address:
Client Name: Hydro-Ottawa

Contaminant Qty: 100 L
Nature of Damage:
Discharger Report:
Material Group: Oil
Health/Env Conseq:
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:

Site: ***Kiewit Eurovia Vinci***
Cleary St and Sr John a Macdonald Parkway Ottawa ON

Database: ***SPL***

Ref No: 4388-BWDSSV
Site No: NA
Incident Dt: 12/17/2020
Year:
Incident Cause:
Incident Event: Leak/Break
Environment Impact:
Nature of Impact:
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/17/2020
Dt Document Closed: 3/28/2021
Municipality No:
System Facility Address:
Client Type: Corporation
Call Report Location Geodata:

Contaminant Qty: 5 L
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 5025841
Easting: 439722

Contaminant Code:	15
Contaminant Name:	HYDRAULIC OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	n/a
Receiving Medium:	
Receiving Environment:	Land
Incident Reason:	Equipment Failure
Incident Summary:	KEV: <5L hydraulic oil to soil, cntnd
Site Region:	Eastern
Site Municipality:	Ottawa
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Industrial
SAC Action Class:	
Source Type:	Valve/Fitting/Piping
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Ottawa
Nearest Watercourse:	
Site Name:	Site<UNOFFICIAL>
Site Address:	Cleary St and Sr John a Macdonald Parkway
Client Name:	Kiewit Eurovia Vinci

Site: ***TEXACO RICHMOND RD. SERVICE STATION OTTAWA CITY ON***

Database: ***SPL***

Ref No:	14431	***Contaminant Qty:***	
Site No:		***Nature of Damage:***	
Incident Dt:	2/2/1989	***Discharger Report:***	
Year:		***Material Group:***	
Incident Cause:	OTHER CAUSE (N.O.S.)	***Health/Env Conseq:***	
Incident Event:		***Agency Involved:***	
Environment Impact:	NOT ANTICIPATED	***Site Lot:***	
Nature of Impact:		***Site Conc:***	
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Map Datum:***	
MOE Reported Dt:	2/2/1989	***Northing:***	
Dt Document Closed:		***Easting:***	
Municipality No:	20101		
System Facility Address:			
Client Type:			
Call Report Location Geodata:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND		
Receiving Environment:			
Incident Reason:	ERROR		
Incident Summary:			
Site Region:			
Site Municipality:	OTTAWA CITY		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			
Source Type:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Client Name:			

Site:
lot 27 ON

Database:
WWIS

Well ID:	1518033	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Cooling And A/C	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	12/13/1982
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1558
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	027
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:	OTTAWA CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	10039904	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	01/29/1982	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931037128
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931037129
Layer:	2

Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037130
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 27.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037131
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 27.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961518033
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10588474
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930069713
Layer: 2
Material: 4

Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930069712
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 23.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991518033
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 60.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934896797
Test Type: Draw Down
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934647523
Test Type: Draw Down
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934377689
Test Type: Draw Down
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934103360
Test Type: Draw Down
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933474659
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 97.0
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Oct 2022

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Feb 28, 2022

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 2021

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

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

Government Publication Date: 1999-Feb 28, 2023

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -May 2023

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Apr 2023

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - Jun 30, 2023

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Oct 2022

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: Feb 28, 2022

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011- Jun 30, 2023

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994 - Jun 30, 2023

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- Jun 30, 2023

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Jun 30, 2023

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by 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 and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

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

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Jun 2023

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2019

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: Feb 28, 2022

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Mar 21, 2022

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Feb 2023

National Analysis of Trends in Emergencies System (NATES): Federal NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2021

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Oct 2022

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory 1993-2020: Federal NPR2

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

Government Publication Date: Sep 2020

National Pollutant Release Inventory - Historic: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-May 31, 2023

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Aug 2021

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 - Jun 30, 2023

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011- Jun 30, 2023

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

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 - Jun 30, 2023

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition: Provincial RSC

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Jun 2023

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Feb 28, 2023

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Oct 2021

Wastewater Discharger Registration Database: Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011- Jun 30, 2023

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Mar 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX B

HLUI Report

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	ST_DIR	MUNICIPALITY	ST_NUM 2017	ST_NAME 2017	ST_SUFFIX 2017	ST_DIR2017	POSTAL_CODE2017	PIN2017	MUNICIPALITY 2017	NAICS	SIC	COMMENTS	STORAGE_TANK	Shape_Length	Shape_Area
6982	SUNLIGHT OIL CO	Petroleum Products, Wholesale	1940-M; 1948-FIP-340-2221; 1949-M; 1950-BEP; 1950-M; 1956-FIP-340-2221; 1956-M	1	1948-1957	c. 1939-1956	855	RICHMOND	RD		OTTAWA	851	RICHMOND	RD		K2A3X2	47510112	OLD OTTAWA	412110; 419120; 454310	511	M. 1956, M. 1957 - listed @ 841 Richmond M. 1950 - listed @ 721 Richmond	3 above ground storage tanks	384.3274985	6056.189295
6983	UNNAMED GASOLINE SERVICE STATION	Gasoline Service Stations	1948-FIP-340-2221; 1949-M; 1956-FIP-340-2221; 1956-M; 1957-M; 1960-M; 1970-M; 1980-M	1	1949-1980	c. 1948-1956; c. 1960; c. 1970	865	RICHMOND	RD		OTTAWA	851	RICHMOND	RD		K2A3X2	47510112	OLD OTTAWA	447110; 447190; 811199	633		Two USTs located on north east section of property	384.3274985	6056.189295
6984	ACOM	Other Machinery and Equipment Industries	1998-SC	1	1998	c. 1998	851	RICHMOND	RD		OTTAWA	851	RICHMOND	RD		K2A3X2	47510112	OLD OTTAWA	332510; 332991; 333110; 333120; 333130; 333210; 333220; 333291; 333299; 333511; 333519; 333611; 333910; 335990; 336120; 336211; 336510	306; 319			384.3274985	6056.189295
6985	DENTECH INC	Medical and Other Health Laboratories	2001-ES; 2006-ES; 2012-ES	1	2001	c. 2001	797	RICHMOND	RD		OTTAWA	797	RICHMOND	RD		K2A0G7	47510116	OLD OTTAWA	541380; 621510				136.5488178	1164.712172
6986	SIGNS IN 23 HOURS	Sign and Display Industry	2001-ES; 2005-SelectPhone; 2006-ES	1	2005	c. 2001; c. 2005	747	RICHMOND	RD			747	RICHMOND	RD		K2A0G6	47510121	OLD OTTAWA	339950				217.5433647	2443.941216
6987	SUNLIGHT OIL SERVICE STATION	Gasoline Service Stations	1950-M; 1965-AirPhoto	1	1900-1965	c. 1950	721	RICHMOND	RD		OTTAWA	747	RICHMOND	RD		K2A0G6	47510121	OLD OTTAWA	447110; 447190; 811199	633			217.5433647	2443.941216
6988	DRY CLEANING DEPOT	Laundries and Cleaners	2006-ES	1	2006	c. 2006	747	RICHMOND	RD		OTTAWA	747	RICHMOND	RD		K2A0G6	47510121	OLD OTTAWA	812320				217.5433647	2443.941216
6989	BURNS SHELL SERVICE STATION	Motor Vehicle Repair Shops	1956-FIP-335-2222; 1956-M; 1960-M; 1970-M	1	1956-1970	c. 1956; c. 1960; c. 1970	747	RICHMOND	RD		OTTAWA	747	RICHMOND	RD		K2A0G6	47510121	OLD OTTAWA	447110; 447190; 811112; 811119; 811121; 811199	633; 635	FIP1948 - vacant lot - greasing noted in garage	2 UST - gasoline	217.5433647	2443.941216
6990	LEAFLOOR BROTHERS CO LIMITED	Lumber and Building Materials, Wholesale	1920-M; 1948-FIP-340-2221; 1950-BEP; 1956-FIP-340-2221; 1956-M	1	1917	c. 1917	0	RICHMOND	RD		OTTAWA	747	RICHMOND	RD		K2A0G6	47510121	OLD OTTAWA	412110; 416310; 416320; 416340; 419120; 444110; 444120; 444190; 454310	511; 563	Located on the north east corner of Cleary.		217.5433647	2443.941216
6991	A 1 FAX OFFICE EQUIPMENT	Other Machinery and Equipment Industries	2005-SelectPhone	1	2005	c. 2005	747	RICHMOND	RD			747	RICHMOND	RD		K2A0G6	47510121	OLD OTTAWA	333291				217.5433647	2443.941216
7637	793 RICHMOND-OFF-SITE MANAGEMENT-CHARLESFORT LTD	Environmental Risk Assessment	2017-CityofOttawa-RemediationUnit	1	2017																		236.5578836	3321.775351
7841	LOCKHART GULF SERVICE STATION	Gasoline Service Stations	1970-M	1	1970		881	RICHMOND	RD		OTTAWA	881	RICHMOND	RD			47510111	OTTAWA					169.0593091	1784.494034
8056	RAY O'DONNELL BP SERVICE STATION	Gasoline Service Stations	1970-M	1	1970		865	RICHMOND	RD		OTTAWA	865	RICHMOND	RD			47510112	OTTAWA					384.3274985	6056.189295
8057	TIERNEY BP SERVICE STATION	Gasoline Service Stations	1960-M	1	1960		865	RICHMOND	RD		OTTAWA	865	RICHMOND	RD			47510112	OTTAWA					384.3274985	6056.189295
8058	LATREMOUILLE D LTD	Other Machinery and Equipment Industries	1998-SC	1	1998		851	RICHMOND	RD		OTTAWA	851	RICHMOND	RD			47510112	OTTAWA					384.3274985	6056.189295
8059	PETER'S SHELL SERVICE STATION	Motor Vehicle Repair Shops	1970-M	1	1970		747	RICHMOND	RD		OTTAWA	747	RICHMOND	RD			47510121	OTTAWA					217.5433647	2443.941216
8060	ARDLEY SHELL GAS STATION	Motor Vehicle Repair Shops	1956-M	1	1956		747	RICHMOND	RD		OTTAWA	747	RICHMOND	RD			47510121	OTTAWA					217.5433647	2443.941216
8204	EGAN SUNOCO SERVICE STATION	Motor Vehicle Repair Shops	1956-M	1	1956		793	RICHMOND	RD		OTTAWA	75	CLEARY	AVE		K2A1R8	158820000	Old Ottawa					210.3671567	2392.534154
8205	MARCHINGTON BRO SERVICE	Motor Vehicle Repair Shops	1960-M	1	1960		793	RICHMOND	RD		OTTAWA	75	CLEARY	AVE		K2A1R8	158820000	Old Ottawa					210.3671567	2392.534154
8206	STAN TROWBRIDGE SUNOCO	Motor Vehicle Repair Shops	1970-M	1	1970		793	RICHMOND	RD		OTTAWA	75	CLEARY	AVE		K2A1R8	158820000	Old Ottawa					210.3671567	2392.534154
10101	DAVE RENNIE'S AUTOCARE	Other Motor Vehicle Services	2005-SelectPhone; 2006-ES; 2012-ES; 2017-SalesGenie	1	2005	c. 2005	801	RICHMOND	RD			801	RICHMOND	RD		K2A0G7	47510115	OLD OTTAWA	488410; 811199				144.7294947	1301.71851
10102	464354 ONTARIO LIMITED	Motor Vehicle Repair Shops	2005-PropertyAssessment	1	2005	c. 2005	801	RICHMOND	RD		OTTAWA	801	RICHMOND	RD		K2A0G7	47510115	OLD OTTAWA	811111; 811112; 811119; 811121; 811199				144.7294947	1301.71851
10103	POOLARAMA	Other Trade Work	2005-SelectPhone	1	2005	c. 2005	881	RICHMOND	RD			881	RICHMOND	RD		K2A0G8	47510111	OLD OTTAWA	238990; 562910				169.0593091	1784.494034
10104	BRADING'S BA SERVICE STATION	Gasoline Service Stations	1956-FIP-339-2207; 1957-M; 1960-M; 1970-M	1	1948-1980	c. 1956; c. 1960; c. 1970	881	RICHMOND	RD		OTTAWA	881	RICHMOND	RD		K2A0G8	47510111	OLD OTTAWA	447110; 447190; 811199	633	881-883	TWO USTs located to the east side of	169.0593091	1784.494034
10123	SAVEWAY GAS	Gas Bar	1990-CD	1	1990	CD 1990	875	RICHMOND	RD			875	RICHMOND	RD		K2A0G7	47510113	OLD OTTAWA					144.9477452	1279.888434
10124	LITTLE OIL COMPANY LIMITED	Gasoline Service Stations	1980-M	1	1980	c. 1980+	875	RICHMOND	RD		OTTAWA	875	RICHMOND	RD		K2A0G7	47510113	OLD OTTAWA	447110; 447190; 811199	633	Automobile Dealership in 1970		144.9477452	1279.888434
10126	WESTBORO SUNOCO	Motor Vehicle Repair Shops	1948-FIP-335-2221; 1948-M; 1956-FIP-335-2221; 1956-M; 1960-M; 1970-M; 1980-M	1	1948-1980	c. 1956; c. 1960; c. 1970; c. 1980+	793	RICHMOND	RD		OTTAWA	75	CLEARY	AVE		K2A1R8	158820000	OLD OTTAWA	447110; 447190; 811112; 811119; 811121; 811199	633; 635	FIP1948 - lists as residence - greasing noted in garage		210.3671567	2392.534154
10127	A + S COIN WASH AND DRY CLEANING	Laundries and Cleaners	1970-M	1	1970	c. 1970	739	RICHMOND	RD		OTTAWA	727	RICHMOND	RD		K2A0G6	152600000	OLD OTTAWA	561740; 812310; 812320; 812330	972			330.6367376	4985.332664

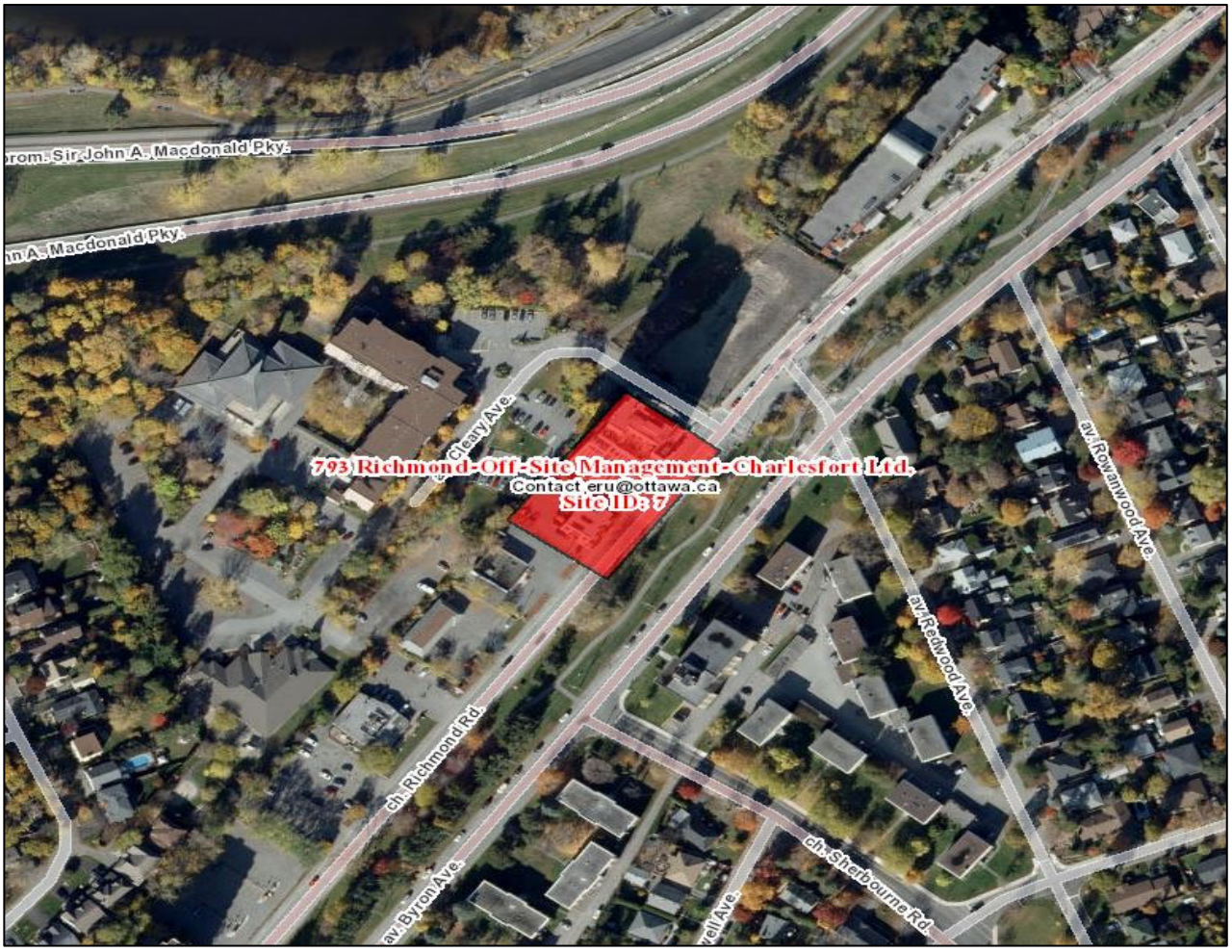
OBJECT ID	ACTIVITY_NAME	FACILITY_TYPE	TANK_LOCATION	TANK_CONTENT	TANK_SIZE	TANK_TYPE	TANK_STATUS	SOURCE	INSTALLED_ST_NUM	INSTALLED_ST_NAME	INSTALLED_ST_ABR	INSTALLED_ST_DIR	COMMENT	MTM_X	MTM_Y	IMAGE_MAP	IMAGE_CERTAINTY	IMAGE_MAP_2	TANK_MATERIAL	TANK_ID	TANK_LEAKING	TANK_REMOVED	REMOVED_DATE	DATE_INSTALLED	NATURE_OF_BUSINESS	SCANNED_DRAWING	TEMPREcordID	CAPACITY_UOM	MUNICIPALITY	POSTCODE
570	GASOLINE SERVICE STATION	Gasoline Service Station	UST					FIP1956	771	RICHMOND	RD		historical address - around 771 Richmond Rd	361902.4071	5027152.111	Volume3_335.jpg	1													
571	GASOLINE SERVICE STATION	Gasoline Service Station	UST					FIP1956	771	RICHMOND	RD		historical address - around 771 Richmond Rd	361905.3176	5027149.73	Volume3_335.jpg	1													
572	GASOLINE SERVICE STATION	Gasoline Service Station	UST					FIP1956	739	RICHMOND	RD		historical address - around 739 Richmond Rd	361959.0281	5027234.132	Volume3_335.jpg	1													
573	GASOLINE SERVICE STATION	Gasoline Service Station	UST					FIP1956	739	RICHMOND	RD		historical address - around 739 Richmond Rd	361962.2031	5027231.751	Volume3_335.jpg	1													
584	GASOLINE SERVICE STATION	Gasoline Service Station	UST					FIP1956	883	RICHMOND	RD		historical address - 883 Richmond Rd	361662.9224	5026817.644	Volume3_339.jpg	1													
585	GASOLINE SERVICE STATION	Gasoline Service Station	UST					FIP1956	883	RICHMOND	RD		historical address - 883 Richmond Rd	361666.6265	5026823.994	Volume3_339.jpg	1													
586	GASOLINE SERVICE STATION	Gasoline Service Station	UST					FIP1948; FIP1956	865	RICHMOND	RD		historical address - 865 Richmond Rd, 761 Richmond Rd	361734.8892	5026931.944	Volume3_340.jpg	1	339.jpg												
587	GASOLINE SERVICE STATION	Gasoline Service Station	UST					FIP1948; FIP1956	865	RICHMOND	RD		historical address - 865 Richmond Rd, 761 Richmond Rd	361731.7142	5026934.59	Volume3_340.jpg	1	339.jpg												
588	SUNLIGHT OIL CO	Gasoline Service Station	AST	diesel fuel				FIP1948; FIP1956	855	RICHMOND	RD		historical address - 855 Richmond Rd, 753 Richmond Rd	361769.2851	5026967.398	Volume3_340.jpg	1	339.jpg												
589	SUNLIGHT OIL CO	Gasoline Service Station	AST	diesel fuel				FIP1948; FIP1956	855	RICHMOND	RD		historical address - 855 Richmond Rd, 753 Richmond Rd	361770.3434	5026970.573	Volume3_340.jpg	1	339.jpg												
590	SUNLIGHT OIL CO	Gasoline Service Station	AST	diesel fuel				FIP1948; FIP1956	855	RICHMOND	RD		historical address - 855 Richmond Rd, 753 Richmond Rd	361772.9892	5026973.748	Volume3_340.jpg	1	339.jpg												
2035			UST	fuel oil				ROW	75	CLEARY	AVE			361911.3503	5027155.645					ST7570					2 tanks					
2085			UST	fuel oil				ROW	747	RICHMOND	RD			361965.4707	5027226.936					ST7621					2 tanks					
2090			UST	fuel oil				ROW	881	RICHMOND	RD			361657.2318	5026814.975					ST7626					2 tanks					
2156			UST	fuel oil				ROW	75	CLEARY	AVE			361911.3503	5027155.645					ST7693					2 tanks					
2206			UST	fuel oil				ROW	747	RICHMOND	RD			361965.4707	5027226.936					ST7744					2 tanks					
2211			UST	fuel oil				ROW	881	RICHMOND	RD			361657.2318	5026814.975					ST7749					2 tanks					
4356	LEAFLOOR BROS LTD		UST	gasoline	4540	Permit		Bylaw No. 304-60 VAH6001; INNE 01178 - P1763	801	RICHMOND	RD		and pump address verified from dwg & geoottawa, 805 Richmond Rd, Plan 2000 Lot 26 W PT Lot 27 NL of 2000 3/4 Richmond Ottawa	361858.0479	5027084.625	FR300-VAH6001-INNE 01178_002.jpg	2			ST4539				21/12/1960		Yes				
4357	UNITARIAN CHURCH OF OTTAWA		UST	fuel oil	9080	Permit		Bylaw No. 304-60 VAH6100; 0396 - P2258	30	CLEARY	AVE		address verified from map, Algonquin Ave	361792.9958	5027160.034	FR300-VAH6100-0396_002.jpg	2			ST3964				23/06/1966		Yes				
7862	BRITISH AMERICAN OIL - C A JOHANNSEN & SONS - BRADING'S BA SERVICE STATION		not specified	gasoline	13620	Permit		Bylaw No. 8022 - P1017	881	RICHMOND	RD		address verified from 1960 city directory, Serv Stat Richmond & Lockhart	361657.2318	5026814.975					ST2309				16/07/1956	2 - 3000 gal gasoline					
7863	BRITISH AMERICAN OIL LTD		UST	gasoline	13620	Existing	Active	Bylaw No. 304-60 VAH6100; 0144 - P2231	881	RICHMOND	RD		new pumps address verified from dwg & geoottawa, Richmond Rd at Lockhart St, NW cor	361657.2318	5026814.975	FR300-VAH6100-0144_Page_2.jpg	1			ST1616	N	N		16/07/1956		Yes				
7864	BRITISH AMERICAN OIL LTD		UST	gasoline	9080	Existing	Active	Bylaw No. 304-60 VAH6100; 0144 - P2231	881	RICHMOND	RD		new pumps address verified from dwg & geoottawa, Richmond Rd at Lockhart St, NW cor	361657.2318	5026814.975	FR300-VAH6100-0144_Page_2.jpg	1			ST6545	N	N				Yes				
7865	BRITISH AMERICAN OIL LTD		UST	fuel oil	2270	Existing	Active	Bylaw No. 304-60 VAH6100; 0144 - P2231	881	RICHMOND	RD		new pumps address verified from dwg & geoottawa, Richmond Rd at Lockhart St, NW cor	361657.2318	5026814.975	FR300-VAH6100-0144_Page_2.jpg	1			ST6647	N	N				Yes				
7866	BRITISH AMERICAN OIL LTD		UST	waste oil	2270	Existing	Active	Bylaw No. 304-60 VAH6100; 0144 - P2231	881	RICHMOND	RD		new pumps address verified from dwg & geoottawa, Richmond Rd at Lockhart St, NW cor	361657.2318	5026814.975	FR300-VAH6100-0144_Page_2.jpg	1			ST7105	N	N				Yes				
7867	BP CANADA		UST	gasoline	13620	Permit		Bylaw No. 8022 - P1399, 1400, 1401	851	RICHMOND	RD			361742.6836	5026928.643					ST1617				06/10/1958	3 - 3000 gasoline UST					
7868	BP CANADA		UST	gasoline	13620	Permit		Bylaw No. 8022 - P1399, 1400, 1401	851	RICHMOND	RD			361742.6836	5026928.643					ST2310				06/10/1958	3 - 3000 gasoline UST					

OBJECT ID	ACTIVITY_NAME	FACILITY_TYPE	TANK_LOCATION	TANK_CONTENT	TANK_SIZE	TANK_TYPE	TANK_STATUS	SOURCE	INSTALLED_ST_NUM	INSTALLED_ST_NAME	INSTALLED_ST_ABR	INSTALLED_ST_DIR	COMMENT	MTM_X	MTM_Y	IMAGE_MAP	IMAGE_CERTAINTY	IMAGE_MAP_2	TANK_MATERIAL	TANK_ID	TANK_LEAKING	TANK_REMOVED	REMOVED_DATE	DATE_INSTALLED	NATURE_OF_BUSINESS	SCANNED_DRAWING	TEMPREcordID	CAPACITY_UOM	MUNICIPALITY	POSTCODE
7869	BP CANADA		UST	gasoline	13620	Permit		Bylaw No. 8022 - P1399, 1400, 1401	851	RICHMOND	RD			361742.6836	5026928.643					ST2642				06/10/1958	3 - 3000 gasoline UST					
7870	CAPITAL CITY GAS		UST	gasoline	22700	Permit		Bylaw No. 304-60 VAH6100; 0144 - P2674	875	RICHMOND	RD		and pumps pt lot 26 at nw corner of richmond & lockhart ave; address verified from dwg & geoottawa, Pt Lot 26, at NW cor Richmond & Lockhart	361688.807	5026856.332	FR300-VAH6100-0144_Page_2.jpg	1			ST4538				23/08/1972		Yes				
7871	CAPITAL CITY GAS		UST	gasoline	22700	Permit		Bylaw No. 304-60 VAH6100; 0144 - P2674	875	RICHMOND	RD		and pumps pt lot 26 at nw corner of richmond & lockhart ave; address verified from dwg & geoottawa, Pt Lot 26, at NW cor Richmond & Lockhart	361688.807	5026856.332	FR300-VAH6100-0144_Page_2.jpg	1			ST5088				23/08/1972		Yes				
7872	CAPITAL CITY GAS		UST	gasoline	13620	Permit		Bylaw No. 304-60 VAH6100; 0144 - P2674	875	RICHMOND	RD		and pumps pt lot 26 at nw corner of richmond & lockhart ave; address verified from dwg & geoottawa, Pt Lot 26, at NW cor Richmond & Lockhart	361688.807	5026856.332	FR300-VAH6100-0144_Page_2.jpg	1			ST5352				23/08/1972		Yes				
7873	SHELL		not specified	gasoline	22700	Permit		Bylaw No. 8022 - P758	747	RICHMOND	RD			361965.4706	5027226.936					ST1619				07/09/1954	2 - 5000 gal gasoline tanks					
7874	SHELL		not specified	gasoline	22700	Permit		Bylaw No. 8022 - P758	747	RICHMOND	RD			361965.4706	5027226.936					ST2311				07/09/1954	2 - 5000 gal gasoline tanks					
7875	SHELL		UST	gasoline	45400	Permit		Bylaw No. 304-60 VAH6000; RICM 00747 - P2813	747	RICHMOND	RD			361965.4706	5027226.936	FR300-VAH6000-RICM 00747_Page_2.jpg	3			ST4541				18/09/1974		Yes				
7876	SHELL		UST	gasoline	22700	Existing	Active	Bylaw No. 304-60 VAH6000; RICM 00747 - P2813	747	RICHMOND	RD			361965.4706	5027226.936	FR300-VAH6000-RICM 00747_Page_2.jpg	3			ST4540	N	N		14/04/1964		Yes				
7877	SHELL		UST	gasoline	22700	Existing	Active	Bylaw No. 304-60 VAH6000; RICM 00747 - P2813	747	RICHMOND	RD			361965.4706	5027226.936	FR300-VAH6000-RICM 00747_Page_2.jpg	3			ST5089	N	N		14/04/1964		Yes				
7878	SHELL		UST	fuel oil	2270	Existing	Active	Bylaw No. 304-60 VAH6000; RICM 00747 - P2813	747	RICHMOND	RD			361965.4706	5027226.936	FR300-VAH6000-RICM 00747_Page_2.jpg	3			ST6637	N	N				Yes				
7879	SHELL		UST	waste oil	2270	Existing	Active	Bylaw No. 304-60 VAH6000; RICM 00747 - P2813	747	RICHMOND	RD			361965.4706	5027226.936	FR300-VAH6000-RICM 00747_Page_2.jpg	3			ST7098	N	N				Yes				
7880	SHELL		not specified	gasoline	4540	Permit		Bylaw No. 8022 - P773, 774	747	RICHMOND	RD		near cleary st address verified from 1960 city directory, Richmond Rd & Cleary	361965.4706	5027226.936					ST1618				07/09/1954	1 - 1000 gasoline tank & 1 - 1000 fuel oil					
7881	SHELL		not specified	fuel oil	4540	Permit		Bylaw No. 8022 - P773, 774	747	RICHMOND	RD		near cleary st address verified from 1960 city directory, Richmond Rd & Cleary	361965.4706	5027226.936					ST1835				07/09/1954	1 - 1000 gasoline tank & 1 - 1000 fuel oil					
8074	SUN OIL		not specified	gasoline	18160	Permit		Bylaw No. 8022 - P1111	75	CLEARY	AVE		793 richmond rd historic address, Serv Stn - 793 Richmond Rd	361911.3503	5027155.645					ST1681				18/02/1957	1 - 4000 gal gasoline					
8075	SUN OIL		not specified	gasoline	13620	Permit		Bylaw No. 8022 - P823, 824, 825	75	CLEARY	AVE			361911.3503	5027155.645					ST1680				07/02/1955	3 - 3000 gal gasoline 1 - 1000 gal fuel oil tank; & 1 - 1000 waste oil tank					
8076	SUN OIL		not specified	gasoline	13620	Permit		Bylaw No. 8022 - P823, 824, 825	75	CLEARY	AVE			361911.3503	5027155.645					ST2334				07/02/1955	3 - 3000 gal gasoline 1 - 1000 gal fuel oil tank; & 1 - 1000 waste oil tank					
8077	SUN OIL		not specified	gasoline	13620	Permit		Bylaw No. 8022 - P823, 824, 825	75	CLEARY	AVE			361911.3503	5027155.645					ST2649				07/02/1955	3 - 3000 gal gasoline 1 - 1000 gal fuel oil tank; & 1 - 1000 waste oil tank					

OBJECT ID	ACTIVITY_NAME	FACILITY_TYPE	TANK_LOCATION	TANK_CONTENT	TANK_SIZE	TANK_TYPE	TANK_STATUS	SOURCE	INSTALLED_ST_NUM	INSTALLED_ST_NAME	INSTALLED_ST_ABR	INSTALLED_ST_DIR	COMMENT	MTM_X	MTM_Y	IMAGE_MAP	IMAGE_CERTAINTY	IMAGE_MAP_2	TANK_MATERIAL	TANK_ID	TANK_LEAKING	TANK_REMOVED	REMOVED_DATE	DATE_INSTALLED	NATURE_OF_BUSINESS	SCANNED_DRAWING	TEMPRECORDID	CAPACITY_UOM	MUNICIPALITY	POSTCODE
8078	SUN OIL		not specified	fuel oil	4540	Permit		Bylaw No. 8022 - P823, 824, 825	75	CLEARY	AVE			361911.3503	5027155.645					ST2708				07/02/1955	3 - 3000 gal gasoline 1 - 1000 gal fuel oil tank; & 1 - 1000 waste oil tank					
8079	SUN OIL		not specified	waste oil	4540	Permit		Bylaw No. 8022 - P823, 824, 825	75	CLEARY	AVE			361911.3503	5027155.645					ST2927				07/02/1955	3 - 3000 gal gasoline 1 - 1000 gal fuel oil tank; & 1 - 1000 waste oil tank					

OBJECTID	SOURCE	FEATURE	YEAR	COMMENT	NAME	Shape_Length
23	1979-Topographic Map	Abandoned Railway				6782.246565
125	1906-Topographic Map	Electric Railway	1929, 1950, 1954	Ottawa Electric Railway		6396.951311

Environmental Risk Management Area (ERMA)
Site ID: 7
793 RICHMOND ROAD (75 CLEARY) – ROW CONTAMINATION



The City has information indicating that soil and/or groundwater in the right-of-way (ROW) in this area may be contaminated with petroleum hydrocarbons (PHCs) from the operation of a former retail gas station and garage at 75 Cleary Avenue. Special consideration should be given for projects involving excavation of soil and/or groundwater management (i.e. contact w/ groundwater, pumping and/or dewatering).

For more information please contact the City's Environmental Remediation Unit (ERU) at ERU-UAE@ottawa.ca

APPENDIX C

Regulatory Responses

Inspection Summary Log (Internal)

November 08, 2007	File Status Change - Inspected	
November 08, 2007	Letter	Letter sent to the attention of Joey Kroeger, Site Superintendent advising of requirements for construction projects that meet the legislative threshold of 2,000 square metres on November 8, 2007.
November 14, 2007	File Status Change - Completed	

Inspection Report Summary (Included in Final Report)

On October 30th, 2007 Officer J. McKeiver (1176) inspected a construction site at 40 Cleary Avenue, Ottawa Ontario.

The building contractor is Pranger - Debruyn Construction Ltd.

The site was randomly inspected as part of a Construction and Demolition sector sweep conducted by the Sector Compliance Branch.

At the time of the inspection, Officer J. McKeiver met with Joey Kroeger, Project Superintendent. The Site Superintendent confirmed that the construction project did not meet the legislative threshold of 2000 square meters. A letter informing the contractor of the requirements of Ontario Regulation 102/94 and 102/94 was sent to the company on November 8th, 2007.

Inspection Summary

Ministry of the Environment

Inspection Information

Inspection Report Number
1-52MU1

Sector	File Status	Pass/Fail Status
Construction / Demolition	Completed	

Date File Assigned	Date File Closed	Random
Nov 07, 2007		Yes

Interim Report Sent to District Office On:		**District Office Notified:**	Oct 31, 2007
Final Report Sent to Company On:		**Forwarded to IEB for Investigation On:**	

Site Information

Site Identification

Site Name	District Office	IDS Site Number
Pranger - Debruyn Construction Ltd.	Ottawa	

Riding	MPP	NEPDA Site
		No

Contact Name:	Joey Kroeger	**Contact Phone**	(613) 225-0222

Site Hazards

Site Address

Street Address, Unit Identifier
40 Cleary Ave.

Lot	Concession	Part	Reference Plan

Municipality (Type)	County/District	Province	Postal Code
Ottawa (City)		ON	

Adjacent Land Use

Non-Address Information

Site Mailing Address

Street Address, Unit Identifier **City**

Site Details & History

Site Start Date **Site End Date** **Site End Reason**

Company Information

Company Identification

Company Name
Pranger - Debruyn Construction Ltd.

Business Identification Number

IDS Client Number

Business Name

Proof of Client Name Attached
No

Client Type
Corporation

SIC
236110

Business Activity Description

Main Phone Number

Main Fax Number

Email Address

Driver's Date of Birth

Driver's Licence Number

Province of
ON

Gender

Company Hazards

Company Address

Street Address, Unit Identifier
33 Roydon Place, Suite 205

District Office
Ottawa

Lot

Concession

Part

Reference Plan

Municipality (Type)
Ottawa (City)

County/District

Province
ON

Postal Code
K2E 1A3

Non-Address Information

Company Mailing Address

Street Address, Unit Identifier
33 Roydon Place, Suite 205

City
Ottawa

Delivery Designator

Delivery Identifier

Postal Station

Province/State
ON

Postal Code
K2E 1A3

Country
Canada

Company Information (Continued)

Company Details & History

Company Start Date	Company End Date	Company End Reason

Inspection Team

Inspection Role	Officer Name	Officer Badge Number
	Riffat Butt	
Primary Officer	Julie McKeiver	1176
Supervisor	Robert Ward	867

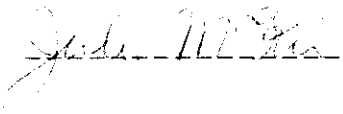
Legislative Findings

Non-Compliance Type	Instances Found	# of Questions
	0	15
Waste Reduction - Fail to Implement Plan	0	2
Waste Reduction - Fail to Prepare Plan	0	1
Totals:	**0**	**18**

Sign-Off

Primary Officer **Badge Number**

Date Nov. 8/07

Signature 

Supervisor **Badge Number**

Date

Signature

Ontario

Ministry of the Environment

INCIDENT REPORT

Reference Number:	8716-78RL8V	**File Storage Number:**	1-52MU1
Module:	Incident Reporting	**Module Type:**	Pro-Active
Cross Reference:	(doc link)	**Task Link:**	3525-78RLBF
Originating Document:		**Created by:**	Julie McKeiver
Incident Report Reference Number:		8716-78RL8V	
Date Created:	2007/11/08	**Date Completed:**	
Bring Forward Date:		**Bring Forward Reason:**	
Status:	Recommended		
Program	Waste - Solid/Non-hazardous	**Activity**	SCB Inspection

Will this Incident be Posted on the Ministry's Public web site?

○ Yes ● No ○ To be determined by District/Area staff

Caller or PO Information

Reported By:

First Name	Last Name
Julie	McKeiver

Contact Mailing Address

Municipality:

Ottawa

Reported By:

MOE Information

Date & Time Reported to MOE:	2007/11/08 10:31		
Office Receiving Incident Report:	Sector Compliance Branch		
Incident Info Received By:	Julie McKeiver		
MOE Response:	Planned Field Response	**Site Region:**	Eastern
Date & Time of MOE Arrival at Scene:	2007/10/30 09:15		
Master Incident Report Number:			
SAC Action Class:			
Non-Standard Procedure:	No		
ERP Call-out Initiated:			

Client(s)

Information

Pranger - Debruyn Construction Ltd.

Mailing Address: 33 Royden, Suite 205 Pl, Ottawa, Ontario, Canada, K2E 1A3
Physical Address: Concession: , Plan: , 33 Royden, Suite 205 Pl, Ottawa, City, Ontario, Canada, K2E 1A3
Telephone: (613)225-0222
Client #: 0985-78RL22, Client Type: Corporation

Site(s)

Information

Retirement Residence
Address: Concession: , Plan: , 40 Cleary Ave, Ottawa, City
District Office: Ottawa
GeoReference: ,

Incident Information

Incident Summary: Pro-Active SCB ICI C&D Inspection
cannot be longer than 60 characters

Incident Description: On October 30th, 2007 Officer J. McKeiver (1176) inspected a construction site at 40 Cleary Avenue, Ottawa Ontario.
The building contractor is Pranger - Debruyn Construction Ltd.
The site was randomly inspected as part of a Construction and Demolition sector sweep conducted by the Sector Compliance Branch.
At the time of the inspection, Officer J. McKeiver met with Joey Kroeger, Project Superintendent. The Site Superintendent confirmed that the construction project did not meet the legislative threshold of 2000 square meters. A letter informing the contractor of the requirements of Ontario Regulation 102/94 and 102/94 was sent to the company on November 8th, 2007.

Attachments:

Date & Time of Incident **Incident Date Confirmation ?** Actual
2007/10/30

Source Type:

Nearest Watercourse: **Watershed Category Code:**

Environmental Impact:

Nature of Impact:

Incident Cause: **Incident Reason:**

Damaged Party: No

Contaminants Table

	Contaminant	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: Julie McKeiver

Badge No: 76

Work Unit:

District/Area Office: Sector Compliance Branch

Date: 2007/11/14

Signature:

District/Area Supervisor:

Name:

Work Unit:

District/Area Office:

Date:

Signature:

Ministry of the Environment
Sector Compliance Branch
305 Milner Ave. Suite 1000
Scarborough Ontario
M1B 3V4

Ministère de l'Environnement
Direction de la mise en conformité des secteurs
305, avenue Milner, bureau 1000
Scarborough (Ontario)
M1B 3V4

Ontario

November 8, 2007

Pranger -- Debruyn Construction Ltd.
33 Roydon Place, Suite 205
Ottawa, Ontario
K2E 1A3

Re: Construction site inspection at 40 Cleary Avenue, Ottawa, Ontario.

To Whom It May Concern:

On October 30 2007, I attended the above noted address for the purpose of conducting an inspection. This inspection was focused on ensuring compliance with Ontario Regulations 102/94 and 103/94. I met briefly with the Site Superintendent, Joey Kroeger and discussed the requirements of the Regulations. From this meeting, it is my understanding that the construction project has a total planned floor area of 1,151 square metres and is therefore not subject to the requirements of Ontario Regulations 102/94 and 103/94.

Please be advised that all Large Construction Projects that have a total floor area of at least 2,000 square metres must comply with Ontario Regulations 102/94 and 103/94. Therefore, if, for some reason your planned project should increase in size above the 2,000 square metres threshold before construction work begins at the site, you will have to comply with Ontario Regulations 102/94 and 103/94.

To be in compliance with Ontario Regulations 102/94 and 103/94, the builder must complete the following before construction work begins at the site:

1. A waste audit covering the waste generated at the construction site must be conducted;
2. A report of the waste audit must be completed;
3. A written waste reduction work plan must be completed;
4. The waste reduction work plan must be implemented; and
5. A source separation program must be implemented.

I have enclosed links to relevant guidance documents and web based resources to assist you. If after reviewing these documents you have any questions, please contact me for assistance at: Tel: 647-236-7520; Toll free: 1-866-482-9967; Fax: 416-314-4464 or by Email: Julie.mckeiver@ontario.ca

Sincerely,

Julie McKeiver
Provincial Officer (Badge # 1176)
Ministry of the Environment
Sector Compliance Branch

MINISTRY OF ENVIRONMENT WEB BASED REFERENCE MATERIAL

WASTE AUDITS AND WORK PLANS

General Information about Ministry Programs:

Ministry of the Environment Web Site
http://www.ene.gov.on.ca/

Ministry of the Environment Public Information System Web Site
http://www.ene.gov.on.ca/pic.htm

Links to Guides and Forms:

Each of the Guidance documents is available for download at the following links:

Publication Number	Document Name and Link
2481e01	**"A Guide to Waste Audits and Waste Reduction Work Plans for Construction & Demolition Projects"** http://www.ene.gov.on.ca/publications/2481e01.pdf
see 2481e01	**Forms for construction and demolition projects** (Waste Audit Report/Waste Reduction Work Plan) are attached to the following link: http://www.ene.gov.on.ca/publications/C&Dforms.doc
2478e01	**"A Guide to source Separation of Recyclable Materials for Industrial, Commercial and Institutional Sectors and Multi-Unit Residential Buildings"** http://www.ene.gov.on.ca/publications/2478e01.pdf

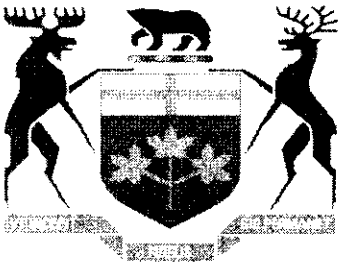
Links to 3R's Regulations:

You may view all Ontario legislation (including the 3R's regulations) in their entirety by accessing the government's e-laws web site at:
www.e-laws.gov.on.ca

Or you may link directly to the regulations using the following web addresses:

Ontario Regulation 102/94
http://www.e-laws.gov.on.ca/html/regs/english/elaws_regs_940102_e.htm

Ontario Regulation 103/94
http://www.e-laws.gov.on.ca/html/regs/english/elaws_regs_940103_e.htm



Ontario

Ontario Ministry of the Environment

Sector Compliance Branch

INSPECTION REPORT

Pranger - Debruyn Construction Ltd.
40 Cleary Ave.
Ottawa, ON,
District Office: Ottawa

Inspection Completion Date: Oct 30, 2007

Company Information

Company Identification

Company Name
Pranger - Debruyn Construction Ltd.

Business Identification Number

IDS Client Number

Business Name

Proof of Client Name Attached
No

Client Type
Corporation

SIC
236110

Business Activity Description

Main Phone Number

Main Fax Number

Email Address

Driver's Date of Birth

Driver's Licence Number

Province of
ON

Gender

Company Address

Street Address, Unit Identifier
33 Roydon Place, Suite 205

District Office
Ottawa

Municipality (Type)
Ottawa (City)

County/District

Province
ON

Postal Code
K2E 1A3

Company Mailing Address

Same As Company No

Inspection Information

Inspection Report	1-52MU1	**File Status**	Inspected
Date File Closed		**Pass/Fail**	

Inspection Report Summary

On October 30th, 2007 Officer J. McKeiver (1176) inspected a construction site at 40 Cleary Avenue, Ottawa Ontario.

The building contractor is Pranger - Debruyn Construction Ltd.

The site was randomly inspected as part of a Construction and Demolition sector sweep conducted by the Sector Compliance Branch.

At the time of the inspection, Officer J. McKeiver met with Joey Kroeger, Project Superintendent. The Site Superintendent confirmed that the construction project did not meet the legislative threshold of 2000 square meters. A letter informing the contractor of the requirements of Ontario Regulation 102/94 and 102/94 was sent to the company on November 8th, 2007.

Site Information

Site Identification

Site Name
Pranger - Debruyn Construction Ltd.

District Office
Ottawa

IDS Site Number

NEPDA Site
No

Contact

Contact Phone

Site Address

Street Address, Unit Identifier
40 Cleary Ave.

Municipality (Type)	**County/District**	**Province**	**Postal Code**
Ottawa (City)		ON	

Adjacent Land Use

Site Mailing Address

Same As Site Address: No

Inspection Team

Inspection Role	Officer Name	Officer Badge Number
Primary Officer	Julie McKeiver	1176
Supervisor	Robert Ward	867

Field Inspection Observations

Provincial Officer Julie McKeiver (1176) observed the following at 40 Cleary Ave., Ottawa, ON, .

Checklist Name:	**Legislative Threshold - Reg 102/94 & 103/94 - C&D sites**
Observation:	Did the facility inspected meet the legislative threshold of 2,000 square metres as set out in O. Reg. 102/94 and O. Reg. 103/94?
Observation Type:	Other Response: No
Comments/Findings:	The construction project did not meet the legislative threshold of 2000 square meters. This construction project was 1151 square meters.

This inspection report does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they may apply to this facility. It is, and remains, the responsibility of the owner and/or the operating authority to ensure compliance with all applicable legislative and regulatory requirements.

Sign-Off

Primary Officer **JULIE MCKEIVER** **Badge Number** **1176**

Date _____

Signature _____

Pages 20 to / à 21

are withheld pursuant to section

sont retenues en vertu de l'article

22

of the Freedom of Information and Protection of Privacy Act

de la Freedom of Information and Protection of Privacy Act

DATE AND TIME Tues. Oct 30 2007

1:14 - Arrive @ Construction Site - res.?
40 Cleary Ave. Site does not meet threshold - 12,400 ft² - complete Nov. 15/07
various waste contractors used
- brick/cement - seperated
- Cardboard - takes some home for recycling
- Wood - most is re-used
- Drywall 18 tonnes - disposed of - no recycling
- Steel - separated on site
Met w Joey Kroeger - Project superintendent
55 Rayden Place, Suite 205, Ottawa ON K2E 1A3 - Pranger Debruyn Construction Ltd
9:29 - Depart Site

Ontario	SECTOR COMPLIANCE BRANCH IC&I INSPECTION REPORT

Site Location 40 Cleary Ave. Ottawa 30 / 10 / 07 (yy / mm / dd)

GPS mE: _____ mN: _____ 9 : 14 am / pm

Company / Contractor 40 Cleary Ave. Ottawa

Legal Name: Pranger-Debruyn Construction Ltd Site Supervisor: Joey Kroger

Main Office Address: Carol - Seeley

Main Office Contact Name: _____ Phone Number: Carol

Site Specific Information

Size of Project: 12400 ft² Type of Project: construction

Completion Date: Nov. 15/07 Waste Contractor: various

Ontario Regulation 102/94 – Waste Audit and Waste Reduction Work Plan

	Yes	No	Comments:
Has a Waste Audit been conducted?	☐	☐	N/A
Has a written report of the WA been prepared?	☐	☐	
Does WA address the amount, nature and composition of waste?	☐	☐	
Does WA address the manner by which waste gets produced, including management decisions / policies related to waste?	☐	☐	
Does WA address plans to RR&R waste as per Regulation?	☐	☐	
Has a written Waste Reduction Work Plan been prepared?	☐	☐	
Has the WRWP been implemented?	☐	☐	
Has the WRWP been posted on site where workers can see it?	☐	☐	
Is the plan available to workers upon request?	☐	☐	
Was the WA and WRWP prepared before construction began?	☐	☐	

Site does not meet threshold

Ontario Regulation 103/94 – Source Separation

Are the following materials separated on site?	Yes	No	Comments:
– Brick / Portland cement concrete	☑	☐	clean fill
– Cardboard (corrugated)	☐	☑	-or at home
– Drywall (unpainted)	☐	☑	18,~~000~~ tonnes
– Steel	☑	☐	separate
– Wood (except painted/treated/laminated)	☐	☐	-re-use -separate on site

Notes

Inspected by:

Primary Officer: _____ Secondary Officer: _____

Ontario

Ministry of the Environment

INCIDENT REPORT

Reference Number:	8716-78RL8V	**File Storage Number:**	1-52MU1
Module:	Incident Reporting	**Module Type:**	Pro-Active
Cross Reference:	(doc link)	**Task Link:**	3525-78RLBF
Originating Document:		**Created by:**	Julie McKeiver
Incident Report Reference Number:		8716-78RL8V	
Date Created:	2007/11/08	**Date Completed:**	2007/11/19
Bring Forward Date:		**Bring Forward Reason:**	
Status:	Closed		
Program	Waste - Solid/Non-hazardous	**Activity:**	SCB Inspection

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
Julie	McKeiver

Contact Mailing Address

Municipality:

Ottawa

Reported By:

MOE Information

Date & Time Reported to MOE:	2007/11/08 10:31		
Office Receiving Incident Report:	Sector Compliance Branch		
Incident Info Received By:	Julie McKeiver		
MOE Response:	Planned Field Response	**Site Region:**	Eastern
Date & Time of MOE Arrival at Scene:	2007/10/30 09:15		
Master Incident Report Number:			
SAC Action Class:			
Non-Standard Procedure:	No		
ERP Call-out Initiated:			

Client(s)

Client Details
Pranger - Debruyn Construction Ltd. Mailing Address: 33 Royden, Suite 205 Pl, Ottawa, Ontario, Canada, K2E 1A3 Physical Address: Concession: , Plan: , 33 Royden, Suite 205 Pl, Ottawa, City, Ontario, Canada, K2E 1A3 Telephone: (613)225-0222 Client #: 0985-78RL22, Client Type: Corporation

Site(s)

Site Details
Retirement Residence Address: Concession: , Plan: , 40 Cleary Ave, Ottawa, City District Office: Ottawa Site #: 2280-78RL75

Incident Information

Incident Summary:	Pro-Active SCB ICI C&D Inspection *cannot be longer than 60 characters*
Incident Description:	On October 30th, 2007 Officer J. McKeiver (1176) inspected a construction site at 40 Cleary Avenue, Ottawa Ontario. The building contractor is Pranger - Debruyn Construction Ltd. The site was randomly inspected as part of a Construction and Demolition sector sweep conducted by the Sector Compliance Branch. At the time of the inspection, Officer J. McKeiver met with Joey Kroeger, Project Superintendent. The Site Superintendent confirmed that the construction project did not meet the legislative threshold of 2000 square meters. A letter informing the contractor of the requirements of Ontario Regulation 102/94 and 102/94 was sent to the company on November 8th, 2007.

Attachments, Links & Comments:	

Date & Time of Incident	**Incident Date Confirmation?** Actual 2007/10/30		
Source Type:		**Sector Type:**	
Nearest Watercourse:		**Watershed Category Code:**	
Environmental Impact:			
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: Julie McKeiver
Badge No:

Work Unit: Sector Inspections and Enforcement Unit
District/Area Office: Sector Compliance Branch
Date: 2007/11/14

Signature:

Supervisor:

Name: Robert Ward

Work Unit: SWAT Unit Three
District/Area Office: Sector Compliance Branch
Date: 2007/11/19

Signature:

Ministry of the Environment

Safe Drinking Water Branch

19th Floor
2 St. Clair Ave W
Toronto ON M4V 1L5

Ministère de l'Environnement

Direction du contrôl de la qualitéde leau potable

19e étage
2, avenue St. Clair Ouest
Toronto ON M4V 1A6

Ontario

November 29, 2011

Ms. Sandy Marino
River Parkway Children's Centre
40 Cleary Ave
Ottawa, Ontario
K2A 4A1

Re: River Parkway Children's Centre
O. Regulation 243/07 Inspection Report 1-904ZF

Enclosed is the report of the inspection on November 22, 2011 by Shilpa Sharma, from the Ministry of the Environment.

The inspection report documents your facility's compliance with Ontario Regulation 243/07. Please review the attached report. Items listed under the heading **"Actions Required" on page 6** are linked to incidents of non-compliance with regulatory requirements contained within a Regulation.

Please note that the non-compliance issues identified in the report require no further action at this time.

If you have any questions or concerns, please feel free to contact me.

Yours truly,

Shilpa Sharma
Safe Drinking Water Branch
Ministry of the Environment
Phone: (416) 212-4842
Fax: (416) 326-8671

encl.

cc:

Ottawa Public Health Unit
100 Constellation Cres.
Ottawa, ON K2G 6J8

Ministry of Children and Youth Services, South East Region
11 Beechgrove Lane
Kingston, Ontario K7M 9A6

Ontario

Ministry of the Environment

R243 RIVER PARKWAY CHILDREN'S CENTRE

Drinking Water System Inspection Report

DWS Number:	500179102
Inspection Number:	1-9O4ZF
Date of Inspection:	Nov 22, 2011
Inspected By:	Shilpa Sharma

OWNER INFORMATION:

Company Name:	RIVER PARKWAY CHILDREN'S CENTRE		
Street Number:	40	**Unit Identifier:**	
Street Name:	CLEARY Ave		
City:	OTTAWA		
Province:	ON	**Postal Code:**	K2A 4A1

CONTACT INFORMATION

Type:	Main Contact	**Name:**	Sandy Marino
Phone:	(613) 729-3129	**Fax:**	
Email:	smarino@bellnet.ca		
Title:	Director		

INSPECTION DETAILS:

DWS Name:	R243 RIVER PARKWAY CHILDREN'S CENTRE
DWS Address:	40 CLEARY AVE OTTAWA K2A 4A1
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:	500179102
Inspection Type:	Announced
Inspection Number:	1-9O4ZF
Date of Inspection:	Nov 22, 2011
Date of Previous Inspection:	

DRINKING WATER SYSTEM COMPONENTS DESCRIPTION

Site (Name): River Parkway Children's Centre
Type: Other **Sub Type:**
Comments:

River Parkway Children's Centre is a day nursery regulated under O. Reg. 243/07 (Schools, Private Schools, and Day Nurseries) made under the Safe Drinking Water Act, 2002 (SDWA).

The plumbing in the building that the nursery is located in was installed in 2006. The building contains no plumbing installed before 1990, and is served by the local municipal drinking water system.

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.

O. Reg. 243/07 telephone inspection was conducted on November 22, 2011 with Ms. Sandy Marino, the Director of the licensed day nursery River Parkway Children's Centre. The ministry was provided with the appropriate documentation by Ms. Marino from January, 2010 to November, 2011 including flushing records, laboratory test results, and sampling records to demonstrate the facility's compliance with O. Reg. 243/07.

River Parkway Children's Centre operates out of a stand alone building located at 40 Cleary Avenue, Ottawa, Ontario, K2A 4A1. The building was constructed in 2006 and the facility began operation in 2008. Ms. Marino started working at River Parkway Children's Centre in January of 2010. The day nursery program has 74 children in total ranging from ages of 18 months to 12 years old. Ms. Marino indicated that there are 20 taps in total and no water fountains at the facility. The washroom taps are not accessible to children and cannot be used to drink or fill water bottles from. The day nursery has a policy that children bring filled water bottles from home, and if they require more water the facility employees can refill their bottles from the appropriate sink tap for the children. The facility is open Monday – Friday from 7:30 AM to 5:45 PM.

DISTRIBUTION SYSTEM

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

The requirement is detailed in section 5(6) of O. Reg. 243/07. An LSN was submitted on November 18, 2011, with current contact information for the facility.

* **This facility is eligible to flush the plumbing weekly.**

The plumbing in the building was installed after 1990, and no lead test results for samples taken in the previous 24 months have exceeded the Ontario Drinking Water Quality Standards of 10 micrograms of lead per litre. Therefore, River Parkway Children's Centre is eligible to flush weekly.

* **The operator has ensured that plumbing is flushed at the start of each week at the required time.**

Section 3(2) of O. Reg. 243/07 outlines the requirement for flushing weekly stating that the flushing shall be completed on the first day of every week that the facility is open and flushed before the facility opens for the day. The flushing records were faxed over to the ministry on November 21, 2011 and were reviewed. The records indicated that flushing was completed by 7:30 AM before the facility opened on the first day of each week.

DISTRIBUTION SYSTEM

* **The procedure for flushing has been done in accordance with the requirements of section 3(3) of O.Reg. 243/07.**

  At the time of the inspection, the flushing records and Ms. Marino indicated that all taps used for drinking water were flushed for 5 minutes in the morning before the facility opened. The ministry explained that the procedure outlined in the regulation requires flushing of end-of-branch taps for 5 minutes, followed by a 10 second flush of all other taps or fountains that children under the age of 18 may drink from.

  However, the flushing currently performed at the River Parkway Children's Centre has met the requirements detailed in section 3(3) of O. Reg. 243/07 for weekly flushing.

* **Records of manual or automatic flushing have been maintained in accordance with sections 3(4) or 3(5) of O. Reg. 243/07.**

  The flushing records faxed to the ministry contained all the required information. The records indicated the date of every weekly flush, the time of the flushing, the flushing location, and the name of the person who performed the flushing. As a result the flushing records were maintained in accordance with section 3(4) of O. Reg. 243/07.

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.**

  At the time of the inspection, Ms. Marino informed the ministry that the required records are currently made available to the public without charge during normal business hours at River Parkway Children's Centre as per section 8 of O. Reg. 243/07.

WATER QUALITY MONITORING

* **Annual lead sampling and testing was completed.**

  Drinking water samples were taken from taps that are commonly used for drinking water in River Parkway Children's Centre on February 2, 2011 and October 3, 2011. The samples were submitted to Accutest Laboratories Ltd., which is a laboratory that is licensed by the Ministry of the Environment to analyze drinking water samples for lead. The test results revealed lead levels below the Ontario Drinking Water Quality Standard of 10 µg/L.

* **The annual lead sampling and testing was not performed in accordance with the procedure outlined in O. Reg. 243/07 5(2).**

  Section 5(2)(1) requires the operator of a school, private school or day nursery to take annual samples between May 1 and October 31. Ms. Marino indicated that drinking water samples were not taken in the year 2010 within the sampling period as she just became the Director at the day nursery and was under the impression they did not have to sample, as the facility never sampled in the previous years. However, she became aware of the regulation requirements and sampled right away in February of 2011 to ensure they had test results. Samples were also taken on October 3, 2011 to ensure they complied with the regulation for sampling within the sampling period. The ministry reminded Ms. Marino to ensure any sampling occurs within the period of May 1st – October 31st to ensure future compliance with O. Reg. 243/07.

* **Sampling records have been made of the date, time, standing period estimate, location, and the name of the person who took each sample.**

  This requirement is detailed in section 5(2)(12) of O. Reg. 243/07. The operator provided the ministry with the sampling records for River Parkway Children's Centre which were maintained in accordance with the regulation and contained all required information.

WATER QUALITY MONITORING

* **Lead samples were handled in accordance with laboratory instructions including collection, containers, labeling, completion of forms, and methods of transportation for samples.**

  This requirement is detailed in section 5(4) of O. Reg. 243/07. At the time of the inspection Ms. Marino confirmed that the samples were taken following laboratory instructions.

* **A Laboratory Services Notification (LSN) was not submitted before the samples were tested, as required by section 5(5) of O. Reg. 243/07.**

  The LSN form was submitted on November 18, 2011 identifying Accutest Laboratories Ltd. as the chosen licensed laboratory. However, the form was not submitted prior to samples being tested in 2011, contrary to section 5(5) of O. Reg. 243/07.

* **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.**

  This requirement is detailed in section 9 of O. Reg. 243/07. At the time of the inspection Ms. Marino indicated to the ministry that all records will be maintained for at least 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. **The annual lead sampling and testing was not performed in accordance with the procedure outlined in O. Reg. 243/07 5(2).**

   Section 5(2)(1) requires the operator of a school, private school or day nursery to take annual samples between May 1 and October 31. Ms. Marino indicated that drinking water samples were not taken in the year 2010 within the sampling period as she just became the Director at the day nursery and was under the impression they did not have to sample, as the facility never sampled in the previous years. However, she became aware of the regulation requirements and sampled right away in February of 2011 to ensure they had test results. Samples were also taken on October 3, 2011 to ensure they complied with the regulation for sampling within the sampling period. The ministry reminded Ms. Marino to ensure any sampling occurs within the period of May 1st – October 31st to ensure future compliance with O. Reg. 243/07.

   Action(s) Required:
   Ensure any annual lead sampling occurs within the sampling window of May 1st – October 31st and is conducted in accordance with the procedure outlined in section 5 of the O. Reg. 243/07. No further action is required.

2. **A Laboratory Services Notification (LSN) was not submitted before the samples were tested, as required by section 5(5) of O. Reg. 243/07.**

   The LSN form was submitted on November 18, 2011 identifying Accutest Laboratories Ltd. as the chosen licensed laboratory. However, the form was not submitted prior to samples being tested in 2011, contrary to section 5(5) of O. Reg. 243/07.

   Action(s) Required:
   No further action is required.

SIGNATURES

Inspected By: Signature:

Shilpa Sharma

Reviewed & Approved By: Signature: (Supervisor):

Stephen Hetherington

Review & Approval Date: November 29, 2011.

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.

Sharma, Shilpa (ENE)

From: Sharma, Shilpa (ENE)
Sent: November 29, 2011 1:24 PM
To: 'smarino@bellnet.ca'
Cc: 'jean-guy.albert@ottawa.ca'; Gibbs, Janet (CSS)
Subject: R243 Inspection Report for River Parkway Children's Centre
Importance: High
Attachments: R243 River Parkway Children's Centre Inspection Report.pdf

Hi Sandy,

Please find attached a copy of the O. Reg. 243/07 inspection report for River Parkway Children's Centre. Items listed on page 6 are linked to incidents of non-compliance. Please note that the non-compliance issues identified in the report for River Parkway Children's Centre require no further action at this time.

A copy of this report is being sent to the local Health Department, and to the regional office of the Ministry of Child and Youth Services.

Thank you for your assistance with this inspection, and feel free to contact me if you have any questions about the report.

Sincerely,

Shilpa Sharma
Safe Drinking Water Branch
Ministry of the Environment
2 St. Clair Ave W. - 18th Floor
Toronto, Ontario M4V 1L5
Tel: 416 - 212 - 4842
Fax: 416 - 326 - 8671
shilpa.sharma@ontario.ca

Nov. 22/11
9:30 am

Phone Inspection Sample Questions

INTRODUCTION:

-Can you confirm the address of the facility?

40 Cleary Ave., Ottawa, ON, K2A 4A1

-What is your position? Supervisor? Contact info.

Director, ~~Queen Black~~ S.S. Sandy Marino T: 613-729-3129 smarino@bellnet.ca.

-Hours of operation? Open all year? Began?

operated opened-2008; building built 2006. stand alone building they only use. 7:30am-5:45. Mon-Fri. closed on stat + weekends

-Do you know how old your plumbing is? Or year the building was constructed?

2006 post 1990.

-Number of children? Ages?

74 children, 18 months - 12 yrs old.

-Number of taps? Number of fountains?

20 taps, no fountains.

-Is there a kitchen sink used to prepare food/drinks that children consume? Are all washrooms used by children?

*(these w/r taps should be flushed if there is a chance children can drink/fill bottles from taps, is there a policy or sign making sure children only wash hands)

No can't access w/r. to drink from they have a policy to bring water bottles + take them home if they have to refill from a counter tap (1 tap they use).

-Co-located? Any other schools/nurseries on property or share same plumbing?

No.

-Have there been recent changes to info. on LSN form? Like contact info, lab info, etc.

*(make sure LSN submitted before facility opened and before the samples were tested)

No.

FLUSHING:

-Give me a walk through your flushing procedure?

- weekly flushing. by 7:30am,

- 5 min? Yes. They start in 1 room and turn on taps then go around to other taps turn them on and come back after 5 mins + turn them off.

- I gave her the flushing "sampling templates" she will use these from now as they are easier to follow

source of drinking water? Municipal system? Yes.

-Do you flush daily or weekly?
*(daily=before 1990; weekly=after 1990)
*(if 2 years=24 months of no exceedance then switch to weekly)

-When is the flushing done? before opening every day=daily? Or start of each week=weekly?

-How long are you flushing for? Flushing all taps? (including w/r and kitchen)
*end of branch tap (last tap on plumbing line) flushed for 5 mins. All other taps/fountains for 10 sec.)

-check flushing records. On flushing records all info. (date, time, and name of person doing flushing) must be clear legible or have a legend.

yes.

SAMPLING:

-What is your sampling procedure? - continue to sample annually as 2011 within window/sampling period.

- ~~tracy d~~ new building so they were under the impression they did not have to but then she was informed. after their flood in Feb. to sample. so she was late in 2010 not in sampling window but 2011 is correct and will continue in the correct sampling window.
- she came in 2010 in January so did not realize she had to sample.

-check sampling info. Sample *annually* from each tap that is used to prepare food or drink (commonly used tap usually is kitchen) between *May 1 - October 31.*
*(1st sample=first batch of 1L water coming out of tap after at least 6 hours of standing) then flush for 5 mins then wait for standing period;
*(2nd sample=then standing period-wait for 30-35 mins. until 2nd sample taken (1L))

- therefore sampled twice in 2011 once in Feb/2011 to compensate for missing window in 2010, so did it late to get some results atleast, then did Oct/2011 to get in window as she only came in Jan-2010 and did not realize the procedures.

-Are sampling records made with (date, time, *standing period estimate*, location of sample, name of person taking samples)

yes.

- they sampled in 2010 to give in results as opposed to none at all

-Were lead samples handled according to lab instructions (collection, containers, labelling, completion of forms, transporting method)?

yes.

-Eligible for *reduced* sampling? Or currently on reduced sampling means sample 1 time every 3 years.
*If 24 months/2 years of no exceedance test results from all taps and submit reduced sampling form to MOE to apply.

-Co-located facilities share test results. Ensure all other operators sharing plumbing know the results and how to comply.

-If exceedance occurred in sample results did the operator provide *LEN form* to all parties (HU, SAC, MCYS? And MOE?) within 24 hours?
*also, submit Notice of Issue Resolution form (within 7 days) to all parties to state the corrective actions they are doing (if following HU instructions).

RECORD KEEPING:

-Are all records kept on site for 2 years for public access? Including sampling records, flushing records, and copy of Reg. 243/07?

Yes, file in office.

-Past 6 years of records also kept? Does not have to be on site.

yes.

FORMS:

- LSN, LEN form (if exceedance)
-written policy/regulation procedures used by operator to perform duties
-flushing Log sheet/records for last month and one other month
-sampling records and results for the 2 most recent years OR Chain of Custody form **(with standing time written on it)**
-date building constructed and/or date plumbing was installed
-source of drinking water-*local municipal drinking water system*?

RIVER PARKWAY CHILDREN'S CENTRE
40 Cleary Avenue, Ottawa, Ontario K2A 4A1, email: rpcc@bellnet.ca
Phone:613-729-3129 Fax: 613-729-4010

FAX TRANSMISSION

DATE: NOVEMBER 21, 2011

TO: SHILPA SHARMA

FAX NUMBER. 416 - 326 - 8671

FROM: Sandy Marino

FAX NUMBER: (613) 729-4010

TELEPHONE NUMBER: (613) 729-3129

NUMBER OF PAGES INCLUDING COVER: 24

COMMENTS:

NOTE: If you do not receive the correct number of pages, please contact us by fax or telephone.
Registered Charity: BN# 11912 0582 RR0001

Safe Water Drinking – Flushing for Lead

POLICY

The person working in the kitchen will complete the flushing every Monday at 7:25 am

PROCEDURES

The last cold water tap on each branch of pipes that is used for drinking or food preparation is opened. The water is to run for at least 5 minute.

- Record will include the date, time and signature of the person flushing the system – every time.

RPCC WILL ENSURE THAT THE FOLLOWING RECORDS ARE MAINTAINED:

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).

RPCC will 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.

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Exova Accutest

CHAIN OF CUSTODY

2010

144844

☑ 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 # 1123162

Company Name: River Parkway Children's Centre	Address: 40 CLEARY AVENUE	☑ Fax Results to: 613 729 4010
Report Attention: SANDY MARINO	City/Prov: OTTAWA Postal Code: K2A 4A1	☑ E-mail Results to: Smarino@bellnet.ca
Phone: 613 729 3129 Ext:	Project # * Quotation #	☐ Copy of Results to:
* Waterworks Name:	* Waterworks Number: FACILITY # 500 10 1765	*Note that for drinking water samples, all exceedances will be reported where (and how) the applicable legislation requires.*

Invoice to: Customer # 20996
(if different from above)

SAMPLE ANALYSIS REQUIRED

⇦ Indicate: F=Filtered or P=Preserved

Sample ID	* Date/Time Collected	Sample Matrix i.e. Water, Soil, Paint	* Sample Type (see Codes below)	* MOE Reportable? Y = Yes N = No	# of Containers	** Service Required R=Rush S=Standard	Pb								Criteria Required (i.e. Reg. 170, Reg. 153, CCME, PWQO etc.) Include sub-categories if appropriate	Laboratory Identification
Standing	Oct 3/11 7:25	DW		4	1	S	✓									9115242
Flushed	Oct 3/11 8:05	DW		4	1	S	✓									243
Water not used for 13.5 hrs																

Sample Type Codes for Drinking Water Systems: **RW** = Raw Water, **RWFC** = Raw Water For Consumption, **TW** = Treated Water at point of entry to distribution, **DW** = Distribution/Plumbing Water
"MOE Reportable" refers to the requirements under the SDWA for immediate reporting of results, which are indicators of adverse water quality, to the Owner/Operator, MOE, and MOH Medical Officer.

Sampled By: Print: Sig:	Date/Time:	Relinquished By: Print: Sig:	Date/Time:	Comments	Cooler Temp (°C) on Receipt
Work Authorized By (signature): Print: Sig: [signature]	Date/Time:	Received By Lab: Print: [signature] Sig:	Date/Time: 11/10/05 18:50		21°C

* **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.

Page ____ of ____ AFCOCR.2 Copies: White - Laboratory, Yellow - With Report, Pink - Sampler

CHAIN OF CUSTODY 2011

144844

EXOVA Accutest

☑ 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 # 1123162

Company Name: River Parkway Childrens Centre
Address: 410 CLEARY AVENUE
Report Attention: SANDY MARINO
City/Prov: OTTAWA
Postal Code: K2A 4A1
Phone: 613 729 3129 Ext:
Project #
* Quotation #
* Waterworks Name:
* Waterworks Number: FACILITY # 500 10 1765

☑ Fax Results to: 613 729 4010
☑ E-mail Results to: Smarino@beltret.ca
☐ Copy of Results to:

Note that for drinking water samples, all exceedances will be reported where (and how) the applicable legislation requires.

Invoice to: Customer # 20996
(if different from above)

SAMPLE ANALYSIS REQUIRED

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Sample ID	* Date/Time Collected	Sample Matrix i.e. Water, Soil, Paint	* Sample Type (see Codes below)	* MOE Reportable? Y = Yes N = No	# of Containers	** Service Required R=Rush S=Standard	Pb	Criteria Required (i.e. Reg. 170, Reg. 153, CCME, PWQO etc.) Include sub-categories if appropriate	Laboratory Identification
Standing	Oct 31/11 7:25	DW	-	Y	1	S	✓		1152423
Flushed	Oct 31/11 7:05	DW	-	Y	1	S	✓		1152424

Sample Taken from Junior preschool Room on a Monday morning ~ water not used for 2 days.

Sample Type Codes for Drinking Water Systems: **RW** = Raw Water, **RWFC** = Raw Water For Consumption, **TW** = Treated Water at point of entry to distribution, **DW** = Distribution/Plumbing Water
"MOE Reportable" refers to the requirements under the SDWA for immediate reporting of results, which are indicators of adverse water quality, to the Owner/Operator, MOE, and MOH Medical Officer.

Sampled By: Print: Sig:	Date/Time:	Relinquished By: Print: Sig:	Date/Time:	Comments	Cooler Temp (°C) on Receipt
Work Authorized By (signature): Print: Sig:	Date/Time:	Received By Lab: Print: Sig:	Date/Time: 11/10/05 1950		21°C

* 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.

Page ____ of ____

AFCOCR.2

Copies: White - Laboratory, Yellow - [illegible]

000044

FROM : RIVER PARKWAY CHILDREN'S CENTRE PHONE NO. : 613 729 [illegible] Nov. 22 2011 10:23AM P5

WEEKLY FLUSHING LOG

Month and Year: September 2011

	Week 1 - Sept. 5 to 9	Week 2 - Sept. 12 to 16	Week 3 - Sept. 19 to 23	Week 4 - Sept. 26 to 30	Week 5 - X
Great Room - sink	✓	✓	✓	✓	
Kitchen - sink	✓	✓	✓	✓	
Board Room - sink	✓	✓	✓	✓	
Toddler Room - sink	✓	✓	✓	✓	

Completed @ 7:25 a.m each morning
by Tracey Steane for 5 minutes

FROM : RIVER PARKWAY F HOOL CENTRE PHONE NO. : 613 729 3 Nov. 22 2011 10:24AM P6

Month and Year: October 2011

	Week 1 - Oct. 3 to 7	Week 2 - Oct. 10 to 14	Week 3 - Oct. 17 to 21	Week 4 - Oct. 24 to 28	Week 5 - Oct. 31 - Nov. 4
Great Room - sink					
Kitchen - sink					
Board Room - sink					
Toddler Room - sink					

Completed @ 7:25 a.m each morning
by Tracey Shane for 5 minutes

FROM : RIVER PARKWAY I 'HOOL CENTRE PHONE NO. : 613 729 :
Nov. 22 2011 10:25AM P7

WEEKLY FLUSHING LOG

Month and Year: November 2011

	Week 1 - Nov. 7 to 11	Week 2 - Nov. 14 to 18	Week 3 - Nov. 21 to 25	Week 4 - Nov. 28 to Dec. 2	Week 5 - X
Great Room - sink	JS				
Kitchen - sink	JS				
Board Room - sink	JS				
Toddler Room - sink	JS				

FROM : RIVER PARKWAY I SCHOOL CENTRE PHONE NO. : 613 729 :
Nov. 22 2011 10:25AM P8

RIVER PARKWAY CHILDREN'S CENTRE
40 Cleary Avenue, Ottawa, Ontario K2A 4A1, email: rpcc@bellnet.ca
Phone:613-729-3129 Fax: 613-729-4010

FAX TRANSMISSION

DATE: NOVEMBER 21, 2011

TO: SHILPA SHARMA

FAX NUMBER. 416-326-8671

FROM: Sandy Marino

FAX NUMBER: (613) 729-4010

TELEPHONE NUMBER: (613) 729-3129

NUMBER OF PAGES INCLUDING COVER: 24

COMMENTS:

NOTE: If you do not receive the correct number of pages, please contact us by fax or telephone.
Registered Charity: BN# 11912 0582 RR0001

Main Identity

From: "Sharma, Shilpa (ENE)" <Shilpa.Sharma@ontario.ca>
To: <smarino@bellnet.ca>
Sent: Wednesday, November 16, 2011 10:17 AM
Attach: LSN FORM.doc; sampling record template.xls; flushing record template.xls
Subject: FW: R243/07 Follow Up Email

Hi Sandy,

Sorry about that. Attached are the LSN form, sampling record template, and flushing record template for your reference. In order to ensure you have all the information we are looking for to comply with O. Reg. 243/07.

Thank you,

Shilpa Sharma
Safe Drinking Water Branch
Ministry of the Environment
2 St. Clair Ave W. - 18th Floor
Toronto, Ontario M4V 1L5
Tel: 416 - 212 - 4842
Fax: 416 - 326 - 8671
shilpa.sharma@ontario.ca

From: Sharma, Shilpa (ENE)
Sent: November 16, 2011 10:09 AM
To: 'smarino@bellnet.ca'
Subject: R243/07 Follow Up Email

Hello Sandy,

This is a follow up e-mail in regards to our telephone conversation. The scheduled mandatory telephone inspection of **River Parkway Children's Centre** is yet to be determined. If you are available on **Tuesday, November 22, 2011** I can schedule the inspection for any time after 9:30 am. Please let me know what time works for you.

As discussed I will need the following documentation faxed or e-mailed to me as soon as possible, prior to the inspection:

1. The last two months of *flushing records* ~ Kitchen ✓
2. *Sampling records* for the current and previous years (2 most recent years), including the ✓ **standing time** (estimate of how long the water was not used before the first/standing sample was taken), **location** of sample, **date and time** each sample was taken, **name of person** who took the samples. All this information can be written on the chain of custody form if it is not included.
3. Any *written procedures or regulation procedures* that provide direction to the operator for ✓ the flushing and/or sampling process
4. *Lab results* for the current and previous years (2 most recent years) ✓
5. The Registration and Laboratory Services Notification form (*LSN form*) ✓

I have attached the USN form for your convenience. Also, I have attached a template for the sampling record and flushing record to ensure that all your records, provided to me, have the required information to comply with the regulation.

After reviewing all documentation and conducting the telephone inspection, I will be completing and sending you an inspection report which details the facility's compliance with the regulation. However, in the event of any non-compliance with the sections of the Ontario Regulation 243/07 the report may require **River Parkway Children's Centre** to take actions and submit updated documents to show the issues have been addressed.

If you have any questions or concerns, please feel free to contact me anytime. My information is listed below.

Thank you for your time and cooperation, have a great day.

Shilpa Sharma
Safe Drinking Water Branch
Ministry of the Environment
2 St. Clair Ave W. - 18th Floor
Toronto, Ontario M4V 1L5
Tel: 416 - 212 - 4842
Fax: 416 - 326 - 8671
shilpa.sharma@ontario.ca

Main Identity

From: "Reg170Formsubmission, Reg170 (ENE)" <Reg170_FormSubmission.moe@ontario.ca>
To: "Sandy Marino" <smarino@bellnet.ca>
Sent: Friday, November 04, 2011 1:35 PM
Subject: RE Change of contact

Hi Sandy,
The following system has been end dated from the ministry database

100101765 R243 RIVER PARKWAY PRESCHOOL CENTRE (00804)-located at 30 Cleary Ave

Thank You

Rekha Jayathilake
Drinking Water Registration & Compliance Officer
Drinking Water Programs Branch
Ministry of the Environment
2 St. Clair West, 18th Floor
Tel:416-314-8460(direct)
Fax:416-314-8716
Email:rekha.jayathilake@ontario.ca

Please consider the environment before printing this email note

---

From: Sandy Marino [mailto:smarino@bellnet.ca]
Sent: November 04, 2011 11:57 AM
To: Jayathilake, Rekha (ENE)
Subject: Re: Change of contact

Hi Jayathilake;

Here is the contact information you requested. Coreen Blackburn retired on December 2009. I am new contact to be added to your database. (Sandy Marino, Executive Director)

We moved into 40 Cleary Avenue on December 1st, 2007

Thank you,

Sandy Marino, Executive Director

40 Cleary
Ottawa, ON
K2A 4A1
613 7293129

rpcc@bellnet.ca

----- Original Message -----
From: Jayathilake, Rekha (ENE)

To: smarino@bellnet.ca
Sent: Thursday, November 03, 2011 10:29 AM
Subject: Change of contact

Hi Sandy,

As discussed please send us contact information replacing Coreen Blackburn, so that we can update it in the ministry drinking water database.

Also could you also please provide us an approximate date that your school moved from 30 Cleary Avenue to 40 Cleary Avenue?

Thank You

Thank You
Rekha Jayathilake
Drinking Water Registration & Compliance Officer
Drinking Water Programs Branch
Ministry of the Environment
2 St. Clair West, 18th Floor
Tel:416-314-8460(direct)
Fax:416-314-8716
Email:rekha.jayathilake@ontario.ca

Please consider the environment before printing this email note

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
RIVER PARKWAY CHILDREN'S CENTRE

Type

☐ School SFIS No. _____ *(if known)*

☐ Private School SFIS No. _____ *(if known)*

☒ Day Nursery License No. 00804

Interested Authority

☐ Ministry of Education ☒ Ministry of Children and Youth Services ☐ Other

Drinking Water Information System (DWIS) No. (MOE Number if previously applied for)
5001011765

Location of School/Day Nursery

Unit No.	Street No.	Street Name	PO Box
	40	CLEARY AVENUE	

Rural Route	Lot/Part/Block/Section	Concession/Plan

City/Town/Municipality	Province	Postal Code
OTTAWA	ON	K2A4A1

Contact Information

Last Name	First Name
MARINO	SANDY

Position
EXECUTIVE DIRECTOR

Telephone No. *(including area code)*	Ext.	Fax No. *(including area code)*
613 729 3129		613 7294010

Email Address
rpcc@bellnet.ca or smarino@bellnet.ca (direct e-mail)

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 with in 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
EXOVA ACCUTEST			2306
Unit	**Street No**	**Street Name**	**PO Box**
8	146	COLONNADE	
City/Town/Municipality		**Province**	**Postal Code**
OTTAWA		ON	K2E7Y1

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**
MARINO	SANDY	A
Signature	**Date** *(yyyy/mm/dd)*	**Telephone No.** *(including area code)*
Sandy Marino	2011 / 11 / 18	613 729 3129

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.

Page 57

is not relevant

est non pertinente

EXOVA ACCUTEST

REPORT OF ANALYSIS

2011

Client: **R243 RIVER PARKWAY PRESCHOOL CENTRE (00804)**
40 Cleary Ave

Ottawa, ON
K2A 4A1
Attention: **Ms. Sandy Marino**
Facility #: 500101765
INVOICE: Riverview Parkway Preschool Centre
Chain of Custody Number: 144844

Report Number:
Date:
Date Submitted:
Project:
P.O. Number:
Matrix:

	LAB ID:	915242	915243			
	Sample Date:	2011-10-03	2011-10-03			
	Sample ID:	Standing T0	Flushed T35			
PARAMETER	UNITS	MRL	STANDING	FLUSHED		
Lead	mg/L	0.001	<0.001	<0.001		

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Co

Comment:

Methods references and/or additional QA/QC information available on request.

000058

FROM : RIVER PARKWAY PRI JDL CENTRE PHONE NO. : 613 729 : Nov. 21 2011 01:54PM P1

Month an

Great R

Kitche

Boar

Tod

CHAIN OF CUSTODY

144844

EXO Accutest

☑ 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 # 11-23162

Company Name: River Parkway Children's Centre	Address: 40 CLEARY AVENUE	☑ Fax Results to: 613 729 4010
Report Attention: SANDY MARINO	City/Prov: OTTAWA Postal Code: K2A 4A1	☑ E-mail Results to: Smarino@ [illegible]
Phone: 613 729 3129 Ext:	Project # * Quotation #	☐ Copy of Results to:
* Waterworks Name:	* Waterworks Number: FACILITY # 500 10 1765	*Note that for drinking water samples, all exceedances will be reported where (and how) the applicable legislation requires.*

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(if different from above)

SAMPLE ANALYSIS REQUIRED

⇦ Indicate: F=Filtered or P=Preserved

Sample ID	* Date/Time Collected	Sample Matrix i.e. Water, Soil, Paint	* Sample Type (see Codes below)	* MOE Reportable? Y = Yes N = No	# of Containers	** Service Required R=Rush S=Standard	PB								Criteria Required (i.e. Reg. 170, Reg. 153, CCME, PWQO etc.) Include sub-categories if appropriate	Laboratory Identification
Standing	Oct 3/11 8:25	DW	-	Y	1	S	✓									9[illegible]5242
Flushed	Oct 3/11 8:05	DW	-	Y	1	S	✓									243

Sample Type Codes for Drinking Water Systems: **RW** = Raw Water, **RWFC** = Raw Water For Consumption, **TW** = Treated Water at point of entry to distribution, **DW** = Distribution/Plumbing Water
"MOE Reportable" refers to the requirements under the SDWA for immediate reporting of results, which are indicators of adverse water quality, to the Owner/Operator, MOE, and MOH Medical Officer.

Sampled By: Print: Sig:	Date/Time:	Relinquished By: Print: Sig:	Date/Time:	Comments	Cooler Temp (°C) on Receipt
Work Authorized By (signature): Print: Sig: [signature]	Date/Time:	Received By Lab: Print: [signature] Sig:	Date/Time: 11/10/05 1850		21°C

* **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.

Copies: White - Laboratory Yellow - With Report Pink - Sampler

EXOVA ACCUTEST

REPORT OF ANALYSIS

2040

Exova Accutest

Client: R243 RIVER PARKWAY PRESCHOOL CENTRE (00804)
40 Cleary Ave
Ottawa, ON
K2A 4A1
Attention: Ms. Sandy Marino
Facility #: 500101765
INVOICE: Riverview Parkway Preschool Centre
Chain of Custody Number: 20996

Report Number: 1102115
Date: 2011-02-04
Date Submitted: 2011-02-02
Project:
P.O. Number:
Matrix: Supply Water

								GUIDELINE		
		LAB ID:	860542	860543				MOE REG 243/07		
		Sample Date:	2011-02-02	2011-02-02						
		Sample ID:	Standing	Flushed						
PARAMETER	UNITS	MRL	STANDING	FLUSHED				TYPE	LIMIT	UNITS
Lead	mg/L	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.

CHAIN OF CUSTODY

144844

EXOVA
#8 - 146 COLONNADE RD
OTTAWA ON K2E7Y1
613-727-5692

TERM ID: 001
VISA ID: 16071430052
SALE
XXXXXXXXXXXX6505
VISA
10/05/11
ENTRY METHOD: SWIPED
10:49:25
UNI #: 000006
APPR CODE: 075645
BATCH #: 000350
REF #: 006
20996
AMOUNT $56.50
CARDHOLDER COPY
APPROVED

...nnade Rd., Unit 8
...ON K2E 7Y1
...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 #:

...'s Centre

Address: 40 CLEARY AVENUE
City/Prov: OTTAWA
Postal Code: K2A 4A1
Project #
* Quotation #
* Waterworks Number: FACILITY # 500 10 1765

☑ Fax Results to: 613 729 4010
☑ E-mail Results to: Smarinore ...llnet.ca
☐ Copy of Results to:

Note that for drinking water samples, all exceedances will be reported where (and how) the applicable legislation requires.

SAMPLE ANALYSIS REQUIRED

⇦ Indicate: F=Filtered or P=Preserved

Sample ID	* Date/Time Collected	Sample Matrix i.e. Water, Soil, Paint	* Sample Type (see Codes below)	* MOE Reportable? Y = Yes N = No	# of Containers	** Service Required R=Rush S=Standard	Pb								Criteria Required (i.e. Reg. 170, Reg. 153, CCME, PWQO etc.) Include sub-categories if appropriate	Laboratory Identification
Standing	Oct 3/11 7:25	DW		4	1	S	✓									
Flushed	Oct 3/11 8:05	DW		4	1	S	✓									

Sample Type Codes for Drinking Water Systems: **RW** = Raw Water, **RWFC** = Raw Water For Consumption, **TW** = Treated Water at point of entry to distribution, **DW** = Distribution/Plumbing Water
"MOE Reportable" refers to the requirements under the SDWA for immediate reporting of results, which are indicators of adverse water quality, to the Owner/Operator, MOE, and MOH Medical Officer.

Sampled By: Print: Sig:	Date/Time:	Relinquished By: Print: Sig:	Date/Time:	Comments	Cooler Temp (°C) on Receipt
Work Authorized By (signature): Print: Sig: [signature]	Date/Time:	Received By Lab: Print: [signature] Sig:	Date/Time: 11/10/05 18:30		21°C

*** 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.

Centre: White - Laboratory Yellow - With Report Pink - Sampler

Month and Year: October 2011

	Week 1 - Oct. 3 to 7	Week 2 - Oct. 10 to 14	Week 3 - Oct. 17 to 21	Week 4 - Oct. 24 to 28	Week 5 - Oct. 31 - Nov. 4
Great Room - sink					
Kitchen - sink					
Board Room - sink					
Toddler Room - sink					

FROM : RIVER PARKWAY PRES IL CENTRE PHONE NO. : 613 729 312 Nov. 21 2011 01:57PM P14

WEEKLY FLUSHING LOG

Month and Year: November 2011

	Week 1 - Nov. 7 to 11	**Week 2** - Nov. 14 to 18	**Week 3** - Nov. 21 to 25	**Week 4** - Nov. 28 to Dec. 2	**Week 5** - X
Great Room - sink	JS				
Kitchen - sink	JS				
Board Room - sink	JS				
Toddler Room - sink	JS				

FROM : RIVER PARKWAY PRES[illegible]OL CENTRE PHONE NO. : 613 729 312 Nov. 21 2011 01:57PM P15

Safe Water Drinking – Flushing for Lead

POLICY

The person working in the kitchen will complete the flushing every Monday at 7:25 am

PROCEDURES

The last cold water tap on each branch of pipes that is used for drinking or food preparation is opened. The water is to run for at least one minute.

- Record will include the date, time and signature of the person flushing the system – every time.

RPCC WILL ENSURE THAT THE FOLLOWING RECORDS ARE MAINTAINED:

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).

RPCC will 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.

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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.

Ministry of
the Environment

Drinking Water Management
Division

14th floor
135 St. Clair Avenue West
Toronto ON M4V 1P5

Ministère de
l'Environnement

Division de la gestion de la qualité de
l'eau potable

14e étage
135, avenue St. Clair Ouest
Toronto (Ontario) M4V 1P5

Ontario

January 12th, 2010

Attention: **Owners & Operators: Schools, Private Schools, and Day Nurseries**

Re: **Release of 2008 Report on Lead and Schools, Private Schools, and Day Nurseries**

I am pleased to present the results from the 2008 testing for lead in drinking water at public schools, private schools and day nurseries. These results are the outcome of a detailed analysis on thousands of tests completed between May – October 2008, as required under Ontario Regulation 243/07. This annual testing program began in 2007, and is part of the government's *Lead Action Plan*.

The full report detailing the 2008 results can be found on the Drinking Water Ontario website at www.ontario.ca/drinkingwater . The 2008 results are generally good and the number of facilities testing has increased. Three key findings are:

- **Flushing works.** In all three facility types, lead levels in drinking water are consistently lower in samples taken after flushing.
- **Few facilities with lead concerns.** Ninety six per cent of all public schools, private schools, and day nurseries reported lead levels below the Ontario Drinking Water Quality Standard (ODWQS) of 10 µg/L in flushed samples. In cases where levels were above the provincial standard, changes to the facility's flushing protocol, plumbing modifications or resampling generally resolved the problems.
- **Improving Results.** The percentage of facilities with lead levels below the ODWQS increased slightly in comparison to the first year of testing.

You play an important role in helping to ensure the health and safety of children in your care and we look forward to working with you again this year. Should you need additional information about lead in drinking water and your responsibilities under O. Reg. 243/07 see the Drinking Water Ontario website at www.ontario.ca/drinkingwater.

Regards,

John Stager
Chief Drinking Water Inspector/Assistant Deputy Minister
Drinking Water Management Division

1921 (2008/01)

O.Reg 243/07: Lead and Schools, Private Schools & Day Nurseries 2008 Report

In 2007, the province brought a regulation into force that requires water to be tested at the taps in all registered schools and private schools, and day nurseries built prior to 1990. These results are the outcome of a detailed analysis of thousands of tests taken during the second year of testing:
May 1st, 2008 – October 31st, 2008.

1.0 General Information

1.1 What are the sampling & flushing requirements under O.Reg 243/07?

During the 2008 sampling season, Ontario Regulation 243/07 required public schools, private schools, and day nurseries to undertake specific flushing and sampling requirements based on the age of plumbing within the facility, as shown in Table 1 below.

Table 1: O. Reg. 243/07 Requirements during the 2008 Sampling Season

Facility Type	Sampling Requirements			Flushing Requirements	
	Sampling Period	Before 1990*	1990 or Later**	Before 1990*	1990 or Later**
Public School	June 15 – Aug 15	Annual	Annual	Daily	Weekly
Private School	June 15 – Aug 15	Annual	Annual	Daily	Weekly
Day Nursery	May 1 – Oct 31	Annual	Not Required	Daily	Weekly

* Refers to any facility in which any plumbing was installed prior to January 1 1990
** Refers to any facility where all plumbing was installed on or after January 1 1990.

On December 14th, 2009, amendments to O. Reg. 243/07 came into effect that requires all facilities to sample between May 1st and October 31st each year. Day nurseries with newer (1990 or later) plumbing will have to start testing for lead in 2010. The changes also align flushing and sampling requirements with historical results for the individual facility. For full details see www.ontario.ca/drinkingwater under Lead and Drinking Water.

1.2 What is the Ontario Drinking Water Quality Standard for lead?

The Ontario Drinking Water Quality Standard (ODWQS) for lead is 10 micrograms per litre (µg/L). A test result that shows lead levels above this standard is considered to be an 'exceedance'.

1.3 What is the difference between a standing and flushed result?

Under the regulation, facilities required to sample must take two samples from a tap that provides water for consumption by children.

Standing Sample

- This sample is taken after a period of six (6) or more hours when the plumbing is not used, if practicable.
- This sample represents the quality of water that has been sitting in the plumbing overnight.

Flushed Sample

- After the standing sample is taken, the tap should be flushed for five (5) minutes; then turned off for 30-35 minutes.
- The flushed sample is taken after the 30-35 minute wait period.
- This sample represents the quality of water that would be consumed during the day with regular use of the water.

1.4 What does the province do if a school, private school, or day nursery has a result above 10 µg/L?

If a facility has a lead result (standing or flushed) above 10 µg/L, the lab that analyzed the sample is required to notify the operator of the facility, the ministry's Spills Action Centre, and the local Medical Officer of Health, and if applicable, their local interested authority (i.e. Ministry of Education or Ministry of Children and Youth Services).

Both the Ministry of the Environment and the local health unit will follow up with the operator to ensure appropriate corrective actions are taken. Under the regulation, the facility operator is required to follow the advice of the local Medical Officer of Health. This may include resampling, modifying their flushing protocol, and/or changes to plumbing within the building.

The Ministry of the Environment recommends resampling until two clean flushed results are received. These samples should be taken between 7 and 30 days apart. A provincial officer from the Ministry of the Environment will continue to monitor and track the progress of a facility's corrective actions until both the ministry and the local health unit are satisfied the issue has been resolved.

1.5 How do I find out the results for a specific school, private school or day nursery?

Under the regulation, schools and day nurseries are required to retain their lead results for six years. Furthermore, the results must be made available to review upon request, by any member of the public during normal business hours. For lead results for a particular school or day nursery, please contact the facility operator.

1.6 How many facilities sampled in 2008?

Overall, 9,802 facilities (public schools, private schools, and day nurseries) were registered and required to sample in 2008. The ministry has received results on behalf of 7,741 – or 79 per cent of all facilities.

The ministry continues to work with the regulated community to ensure all facility operators are fully aware of their regulatory requirements. In addition, several administrative issues resulted in difficulty in assessing compliance for some facilities. This includes the failure of some facility operators to submit their laboratory service notification form, and issues associated with the submission and proper identification of samples. In addition, the ministry continues to work with the regulated community on developing accurate and up to date lists for facilities that are co-located and sampling together.

2.0 Water Quality Results in Public Schools

During the 2008 sampling period, 4,537 public schools submitted 11,552 drinking water samples for lead analysis. The results indicate the majority of schools had lead levels below the standard of 10 µg/L. The results, as shown in Charts 1 and 2, indicate the number of schools and percentage of facility with a maximum concentration of i) less than 10 µg/L, ii) between 10 – 30 µg/L , and iii) greater than 30 µg/L.

Standing Results

- Of the public schools submitting standing samples*:
  - 85 per cent were below the Ontario Drinking Water Standard (ODWQS) of 10 µg/L for lead
  - 10 per cent had a maximum standing sample result between 10 – 30 µg/L
  - 5 per cent had a maximum standing result of greater than 30 µg/L

Flushed Results

- Of the private schools submitting flushed samples*:
  - 97 per cent were below the Ontario Drinking Water Standard (ODWQS) of 10 µg/L for lead
  - 2 per cent had a maximum standing sample result between 10 – 30 µg/L
  - 1 per cent had a maximum standing result of greater than 30 µg/L

** For an explanation of standing and flushed samples, please refer to section 1.3.*

Chart 3: Standing Results

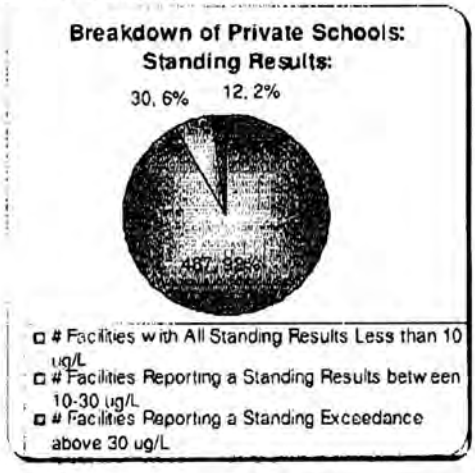
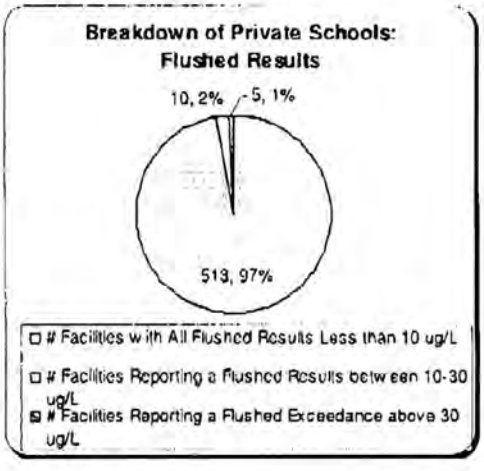


Chart 4: Flushed Results



4.0 Water Quality Results for Day Nurseries

The ministry received 5,855 samples from 2,279 day nurseries across the province. The results indicate the majority of day nurseries had lead levels below the standard of 10 µg/L. The results, as shown in Charts 5 and 6, indicate the number of day nurseries and percentage of facilities with a maximum concentration of i) less than 10 µg/L, ii) between 10 – 30 µg/L , and iii) greater than 30 µg/L.

Standing Results

- Of the day nurseries submitting standing samples*:
  - 94 per cent were below the Ontario Drinking Water Standard (ODWQS) of 10 µg/L for lead
  - 4 per cent had a maximum standing sample result between 10 – 30 µg/L
  - 2 per cent had a maximum standing result of greater than 30 µg/L

Flushed Results

- Of the day nurseries submitting flushed samples*:
  - 98 per cent were below the Ontario Drinking Water Standard (ODWQS) of 10 µg/L for lead
  - 1 per cent had a maximum standing sample result between 10 – 30 µg/L
  - 1 per cent had a maximum standing result of greater than 30 µg/L

** For an explanation of standing and flushed samples, please refer to section 1.3.*

Chart 5: Standing Results

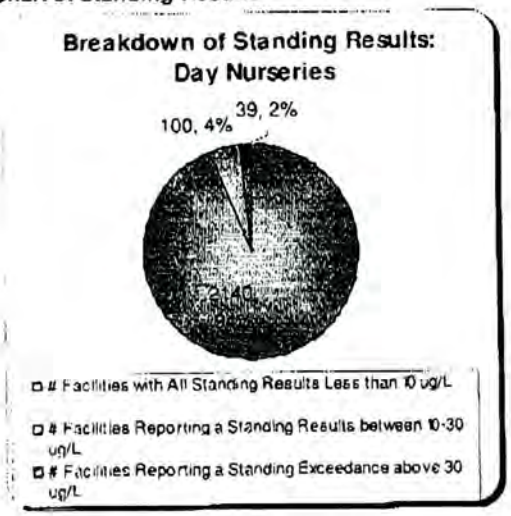
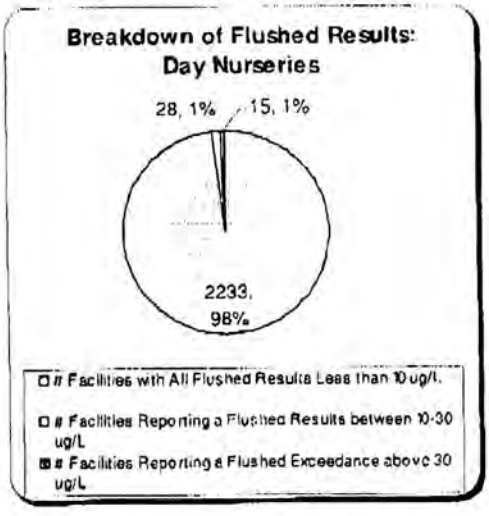


Chart 6: Flushed Results



5.0 Comparison of Facility Results: 2008 vs. 2007

The following table provides a comparative summary of water quality results for facilities in 2008 versus 2007. The results on Table 2 indicate that more facilities are now testing for lead, and that the number of facilities with lead levels below the standard for both flushed and standing samples has increased. This can likely be attributed to several factors, including improvements in sampling and flushing techniques, and corrective actions (e.g. upgrading plumbing components) taken in response to lead exceedances reported in 2007.

Table 2: Comparison of Water Quality Results for Facilities: 2008 vs. 2007

	2008				2007			
	Public Schools	Private Schools	Day Nurseries	All Facilities	Public Schools	Private Schools	Day Nurseries	All Facilities
Standing Samples								
# Samples Taken	5,619	672	2,927	9,218	3,691	283	3,024	6,998
# Facilities Reporting All Standing Samples Below the ODWQS (less than 10 µg/L)	3,863	487	2,140	6,490	2,658	236	2,602	5,496
% Facilities with All Standing Samples Less than 10 µg/L	85.2%	92.1%	93.9%	88.4%	72%	84%	90%	80.3%
Flushed Samples								
# Samples Taken	5,933	672	2,928	9,533	3,501	274	2,870	6,645
# Facilities Reporting All Flushed Samples Below the ODWQS (less than 10 µg/L)	4,330	513	2,233	7,076	3,177	260	2,676	6,113
% Facilities with All Flushed Samples Less than 10 µg/L	95.4%	97.2%	98.1%	96.4%	91%	95%	97%	94.1%

6.0 Conclusions

The results from the second year of sampling continue to demonstrate that the majority of facilities across the province had lead levels below the standard of 10 µg/L. Furthermore, the results continue to confirm flushing is an effective means of reducing lead in drinking water.

The 2008 results have shown some improvement in the understanding of regulatory requirements, including the submission and proper identification of standing and flushed samples, improved rate of sample submission by private school operators, and improvements in the submission of laboratory service notification forms that identify sampling laboratories. However, the ministry continues to strive towards improving both water quality and compliance among the regulated communities through education and outreach, including guidance material and sampling videos, targeted inspections, and enhanced information sessions.

If you have specific questions regarding lead testing results for a particular school, private school, or day nursery, please contact the facility operator. For general information on lead, including guidance material, visit the ministry's website at www.ontario.ca/drinkingwater.

January 2010

Protecting our environment. Ontario

WEEKLY FLUSHING LOG

Month and Year: September 2011

	Week 1 - Sept. 5 to 9	Week 2 - Sept. 12 to 16	Week 3 - Sept. 19 to 23	Week 4 - Sept. 26 to 30	Week 5 - X
Great Room - sink	JS	JS	JS	JS	
Kitchen - sink	JS	JS	JS	JS	
Board Room - sink	JS	JS	JS	JS	
Toddler Room - sink	JS	JS	JS	JS	

FROM : RIVER PARKWAY CHOOL CENTRE PHONE NO. : 613 729 9 Nov. 21 2011 02:03PM P26

al

ssible

000074

~~anything else, no other facilities on property~~
~~- will set up inspection date via e-mail.~~
~~as she was not in her office~~

11:00 ~~- Evangel Day Care - 500177191 9:30 Nov.23 inspection~~
~~- spoke to Heather Larsson, Supervisor, for initial~~
~~call, she said she had been submitting documents~~
~~to MOE but maybe had the wrong fax #.~~
~~- she had a client in the office so took my # and~~
~~said she would call back, she called + set up insp^n for Nov.23~~

10:00 River Parkway children's Centre - 500179102 Nov.17/11
- spoke to sandy at other facility at 613-834-8152
and set up inspection for Nov.22 at 9:30am
and told her to send documents
- followed up c email.

labels

Reg. Changes

continued to operate out of 132 Dundas street and the 157 Mill street location of The Village After School Club shut down and is no longer in operation. There is no day nursery or school operating out of 157 Mill street anymore so it is not susceptible to R243/07 only 132 Dundas street is but it's not on high risk so talk to Stephen and see if we will inspect 132 Dundas. - currently I cancelled the inspection.

9:45 River Parkway Children's Centre. - 50179102 Nov. 16/11

- spoke to Sandy Marino at facility she is Director, the info we had was not up to date (owner Blackburn is no longer the Director at this facility.
- Sandy informed me that the used to operate out of a church for 40 yrs and recently got land and built a building for this day nursery, the building was built in 2006 and the nursery began operation in 2008.
- LSS ~~here~~ she gave me her updated contact info so I can e-mail her when to set up inspection and what documents I need.
- She said she recently had communication with someone (she thought from MOE) with the updates to facility so she thought our records were updated. She said she will send me all the info she has so I can see the communication and if we need

Sharma, Shilpa (ENE)

From: Sharma, Shilpa (ENE)
Sent: November 17, 2011 10:02 AM
To: 'smarino@bellnet.ca'
Subject: FW: R243/07 Follow Up Email
Attachments: LSN FORM.doc; sampling record template.xls; flushing record template.xls

Hello Sandy,

This is a confirmation e-mail of the mandatory telephone inspection for **River Parkway Children's Centre** which has been set up for **Tuesday, November 22, 2011** at **9:30 am.** Please e-mail or fax the required documents (listed below) before the telephone inspection to ensure this runs smoothly and the facility's compliance with O. Reg. 243/07 can be assessed. Feel free to contact me with any questions or concerns.

Thank you so much, and enjoy your day!

Shilpa Sharma
Safe Drinking Water Branch
Ministry of the Environment
2 St. Clair Ave W. - 18th Floor
Toronto, Ontario M4V 1L5
Tel: 416 - 212 - 4842
Fax: 416 - 326 - 8671
shilpa.sharma@ontario.ca

From: Sharma, Shilpa (ENE)
Sent: November 16, 2011 10:18 AM
To: 'smarino@bellnet.ca'
Subject: FW: R243/07 Follow Up Email

Hi Sandy,

Sorry about that. Attached are the LSN form, sampling record template, and flushing record template for your reference. In order to ensure you have all the information we are looking for to comply with O. Reg. 243/07.

Thank you,

Shilpa Sharma
Safe Drinking Water Branch
Ministry of the Environment
2 St. Clair Ave W. - 18th Floor
Toronto, Ontario M4V 1L5
Tel: 416 - 212 - 4842
Fax: 416 - 326 - 8671
shilpa.sharma@ontario.ca

From: Sharma, Shilpa (ENE)
Sent: November 16, 2011 10:09 AM
To: 'smarino@bellnet.ca'
Subject: R243/07 Follow Up Email

Hello Sandy,

This is a follow up e-mail in regards to our telephone conversation. The scheduled mandatory telephone inspection of **River Parkway Children's Centre** is yet to be determined. If you are available on **Tuesday, November 22, 2011** I can schedule the inspection for any time after 9:30 am. Please let me know what time works for you.

As discussed I will need the following documentation faxed or e-mailed to me as soon as possible, prior to the inspection:

1. The last two months of *flushing records*
2. *Sampling records* for the current and previous years (2 most recent years), including the **standing time** (estimate of how long the water was not used before the first/standing sample was taken), **location** of sample, **date and time** each sample was taken, **name of person** who took the samples. All this information can be written on the chain of custody form if it is not included.
3. Any *written procedures or regulation procedures* that provide direction to the operator for the flushing and/or sampling process
4. *Lab results* for the current and previous years (2 most recent years)
5. The Registration and Laboratory Services Notification form (*LSN form*)

I have attached the LSN form for your convenience. Also, I have attached a template for the sampling record and flushing record to ensure that all your records, provided to me, have the required information to comply with the regulation.

After reviewing all documentation and conducting the telephone inspection, I will be completing and sending you an inspection report which details the facility's compliance with the regulation. However, in the event of any non-compliance with the sections of the Ontario Regulation 243/07 the report may require **River Parkway Children's Centre** to take actions and submit updated documents to show the issues have been addressed.

If you have any questions or concerns, please feel free to contact me anytime. My information is listed below.

Thank you for your time and cooperation, have a great day.

Shilpa Sharma
Safe Drinking Water Branch
Ministry of the Environment
2 St. Clair Ave W. - 18th Floor
Toronto, Ontario M4V 1L5
Tel: 416 - 212 - 4842
Fax: 416 - 326 - 8671
shilpa.sharma@ontario.ca

anything else, no other facilities on property
- will set up inspection date via e-mail/.
as she was not in her office

1:00 - Evangel Day Care - 500177191 9:30 Nov. 23 inspection
- spoke to Heather Larsson, Supervisor, for initial call, she said she had been submitting documents to MOE but maybe had the wrong fax #
- she had a client in the office so took my # and said she would call back, she called + set up insp for Nov. 23

10:00 River Parkway Children's Centre - 500179102 Nov. 17/11
- spoke to sandy at other facility at 613-834-5152 and set up inspection for Nov. 22 at 9:30am and told her to send documents
- followed up = email.

8:35 ~~Linden Connection~~ - 500097189 Nov. 18/11
- called kathy in regards to her e-mail to change inspection date as she has not received all documents to send to me
- changed inspection date to Nov. 23/11 at 12pm.

10:00 Play House Learning Centre - 500144457
- talked to Mila, supervisor, to set up inspection date on Tuesday, Nov 22/11 at 1pm.
- they are not co-located
- and are served by municipal system/water
- the building was constructed 2000 or 2001 so after 1990 therefore they are on weekly flushing

continued to operate out of 132 Dundas street and
~~the~~ 157 Mill street location of The Village
After School Club shut down and is no
longer in operation. There is no day nursery
or school operating out of 157 Mill street
anymore so it is not susceptible to R2413/07
only 132 Dundas street is but it's not
on high Risk. So talk to stepher and see
if we will inspect 132 Dundas.
~~currently I cancelled the inspection.~~

9:45 River Parkway Children's Centre - 5017902 Nov. 16/11

- spoke to Sandy Marino at facility she is Director, the info we had was not up to date Doreen Blackburn is no longer the Director at this facility.
- Sandy informed me that the used to operate out of a church for 40 yrs and recently got land and built a building for this day nursery, the building was built in 2006 and the nursery began operation in 2008.
- ~~LSS~~ She gave me her updated contact info so I can e-mail her when to set up inspection and what documents I need.
- She said she recently had communication with someone (she thought from MOE) with the updates to facility so she thought our records were updated. She said she will send me all the info she has so I can see the communication and if we need

Back Print

Name of Program:	River Parkway Children's Centre
Type of Program:	Child Care Centre
Name of Operator:	River Parkway Children's Centre
Address:	40 Cleary Ave. Ottawa K2A 4A1
Phone:	(613) 729-3129
Website:	http://www.riverparkwaycentre.ca
Date of First Licence:	May 22, 1979
Licensed Capacity by Age Group:	Toddler (18 months to 30 months) 15 Junior / Senior Kindergarten (44 months to 67 months) 12 Preschool (31 months to 5 years) 32 School Age (68 months to 12 years) 15
Total Licensed Capacity:	74
Licence Status:	Regular
Legal Status:	N/A

Sandy Martino
Coreen Blackburn - Director
T: 613-729-3129.
E: ~~rppc@magma.ca~~ S.
E: smartino@bellnet.ca

Inspection Summary:

Visit Date	Purpose of Visit	Compliance Level on Date of Inspection	Resolved Before Licence Issued
Jan 25, 2011	Licensing Inspection	100%	

Areas of Non Compliance:	None
Terms and Conditions on Current Licence:	The operator shall ensure that the Child Care Licensing Poster and the Licensing Inspection Summary are posted in a conspicuous place in the day nursery at or near an entrance commonly used by parents. The operator shall ensure that the completed Licensing Checklist and the Summary of Licensing Requirements and Recommendations sheets are readily available for parents.
Director's Approval:	Group 1: Director's approval for a mixed age group. Therefore, 20% of 15 children, maximum 3 children, may be from the younger age group but must be walking and be developmentally able to follow the toddler program and schedule.

Group 2: Director's approval for a mixed age group. Therefore, 20% of 16 children, maximum 3 children, may be from the younger age group.

Group 4: Director's approval for a mixed age group. Therefore, 20% of 12 children, maximum 2 children, may be from the younger age group.

Group 5: Director's approval for a mixed age group. Therefore, 20% of 15 children, maximum 3 children, may be from the younger age group.

Language of Service Delivery:	English
MCYS Regional Office:	Eastern

Inspection Time-tracking Worksheet

Inspector: Shilpa Sharma

DWS Name: River Parkway Children's Centre. 500179102

Insp. #: 1-904 ZF

Categories:

PIRR	Pre Inspection Research / Review
FI	Field Inspection
RP	Report Preparation

Cat.	Date	Start	Finish	Time	Total	Notes
PIRR	Nov. 16/11	9:00	10:30	1.5 hrs.		
FI	Nov. 22/11	9:30	10:30	1 hr.		
RP	Nov. 24/11	10:00	12:00	2 hr.		
RP	Nov. 25/11	1:00	2:00	1 hr.		

Mahoney, James (ENE) 51-OT-OT-CL-500

From: Coelho-Murphy, Sonia (ENE)
Sent: October 20, 2011 8:25 AM
To: Jayathilake, Rekha (ENE); Beaty, Taran (ENE); Mahoney, James (ENE)
Subject: RE: Facilities to be end dated

Labs have confirmed uploading complete. Let me know when the changes have been made.

Sonia Coelho-Murphy
Ministry of the Environment - LaSB
Phone: 416-235-6311
Email: sonia.coelho@ontario.ca

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Please consider the environment before printing this email

From: Jayathilake, Rekha (ENE)
Sent: October 19, 2011 1:18 PM
To: Coelho-Murphy, Sonia (ENE); Beaty, Taran (ENE); Mahoney, James (ENE)
Subject: Facilities to be end dated

Hi All,

Following systems are going to be end dated. Please let me know if there are concerns about these facilities.

Sonia- could you please inform labs to upload results

DWS_NO	DWS_NAME	END_ DATING COMMENTS
500009244	R243 CENTRE D'ÉDUCATION ET DE FORMATION DE L'EST DE L'ONTARIO (CEFEO) (2883)	no longer in operation
500009244	R243 CENTRE D'ÉDUCATION ET DE FORMATION DE L'EST DE L'ONTARIO (CEFEO) (2883)	no longer in operation
500096357	R243 RURAL VISIONS PERTH ROAD SCHOOL AGE CARE PROGRAM (0003634)	no longer in operation
500102142	R243 LITTLE LEARNERS CHILD DEVELOPMENT CENTRE (07305)	no longer in operation
500096344	R243 RURAL VISIONS STORRINGTON SCHOOL AGE PROGRAM (0003442)	no longer in operation
500045488	R243 VALLEYCREST 2 (6472)	Moved locations.
500101713	R243 PARKDALE MONTESSORI PRESCHOOL (0004067)	Moved locations.
500101765	R243 RIVER PARKWAY PRESCHOOL CENTRE (00804)	Moved locations.

Thank You
Rekha Jayathilake
Drinking Water Registration & Compliance Officer
Drinking Water Programs Branch
Ministry of the Environment
2 St. Clair West, 18th Floor

Thank you,

Nino Valentino
Deployment Coordinator, Desktop Deployment Services

For all IT Support and Service, contact the Service Desk first!
1-888-677-4873 across Ontario
416-246-7171 within the GTA
Service Desk email: opssd@ontario.ca

From: Public Information Services <publicinformationservices@tssa.org>
Sent: September 7, 2023 1:29 PM
To: Lloyd-Ellis, Owen
Subject: RE: TSSA Confirmation Request for Properties Surrounding 30 Cleary Ave

Follow Up Flag: Follow up
Flag Status: Flagged

NO RECORD FOUND IN CURRENT DATABASE

Hello,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

We confirm that there are no records in our current database of any fuel storage tanks at the subject address(es).

Accessing the applications

1. Click Release of Public Information - TSSA and click "need a copy of a document"
2. Select the appropriate application, download it, complete it in full and save it (Note: you will have to upload the application)
3. Proceed to page 3 of the application and click the "TSSA Service Prepayment Portal" link under payment options (the link will take you the secure site where you can pay for the request via credit card)

Accessing the Service Prepayment Portal

1. Select new or existing customer (*if you are an existing customer, you will need your account number & postal code to access your account)
2. Under "Program Area" select Public Information and click continue
3. Enter application form number (found on the bottom left corner of the application form) and click continue
4. Complete the primary contact information section
5. Complete the fee section
6. Upload your completed application
7. Upload supporting documents (if required) and click continue

Once all steps have been successfully completed you will receive your payment receipt via email.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

If you have any questions or concerns, please do not hesitate to contact our Public Information Release team at publicinformationservices@tssa.org.

Warm regards,

Kimberly Gage | Public Information Agent
Legal
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1 416-734-3348 | Fax: +1 416-734-3568 | E-Mail: kgage@tssa.org
www.tssa.org

Winner of 2022 5-Star Safety Cultures Award

From: Lloyd-Ellis, Owen <Owen.Lloyd-Ellis@wsp.com>
Sent: Thursday, September 7, 2023 1:00 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: TSSA Confirmation Request for Properties Surrounding 30 Cleary Ave

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Please perform a TSSA database search for any underground storage tanks, registered fuel tanks, outstanding instructions, incident reports, fuel oil spills, or contaminations records for the following properties located at:

20 Cleary Ave, Ottawa, ON, K2A4A1
30 Cleary Ave, Ottawa, ON, K2A4A1
40 Cleary Ave, Ottawa, ON, K2A4A1
75 Cleary Ave, Ottawa, ON, K2A1R8
773 Richmond Rd, Ottawa, ON, K2A1R8
775 Richmond Rd, Ottawa, ON, K2A1R8
777 Richmond Rd, Ottawa, ON, K2A1R8
797 Richmond Rd, Ottawa, ON, K2A0G7
801 Richmond Rd, Ottawa, ON, K2A0G7
803 Richmond Rd, Ottawa, ON, K2A0G7
809 Richmond Rd, Ottawa, ON, K2A0G7

Kindly let me know if you have any queries.

Owen Lloyd-Ellis, BSc
Environmental Scientist – Contaminated Sites Team
He/him

+1 613 698 3985

WSP Canada Inc. 1931 Robertson Road, Ottawa, Ontario, Canada, K2H 5B7

wsp.com

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-LAEmHhHzdJzBITWfa4Hgs7pbKI

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APPENDIX D

Site Photographs



Photo 1 – River Parkway Children's Centre. Taken from Phase One Property, facing southwest



Photo 2 – temporary construction site, looking east, including the rear of the automotive garage fronting Richmond Road (right of image).



Photo 3 – Central Portion of Phase One Property showing parking area.



Photo 4 – Landscaped area between parking lots.



Photo 5 – Phase One Property looking South.



Photo 6 – Unitarian Church, part of 30 Cleary Ave property, but not included in study Property. Facing northeast



Photo 7 – Former entrance from Richmond, closed and used for construction traffic only.



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