

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

July 6, 2020
File: PE3063-LET.02

Richcraft Group of Companies
201-2290 St. Laurent Blvd
Ottawa, Ontario
K1G 4K1

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science
Archaeological Studies

www.patersongroup.ca

Attention: **Mr. Tim Lee**

Subject: **Phase I - Environmental Site Assessment Update
Block 29 of Kanata West Development
(Northwest portion of 1620 Maple Grove Road)
Ottawa, Ontario**

Dear Sir,

Further to your request, Paterson Group (Paterson) conducted a Phase I - Environmental Site Assessment (Phase I ESA) Update for the aforementioned property. This report updates a previous Phase I ESA report completed by Paterson, dated September 10, 2013, and is intended to meet the requirements of a Phase I ESA, as per the MECP Standard O.Reg. 153/04, as amended, under the Environmental Protection Act. This report is to be read in conjunction with the previous report (PE3063-1).

Site Information

The subject site (Phase I Property), which is referred to as Block 29 of Kanata West, is a smaller tract of land situated on the northwest portion of 1620 Maple Grove Road, located approximately 435 m east of Huntmar Drive, in the City of Ottawa, Ontario. The subject site is shown on Figure 1 - Key Plan, appended to this letter.

The site is an irregular shaped lot, situated in a mixed-use area consisting of both commercial to the north and residential to the west. The northwestern portion of the site is bordered by a designated flood plain overlying Poole Creek. The subject land is situated in a municipally serviced area. The subject site is shown on Drawing PE3063-3 – Site Plan.

Records Review

Phase I ESA Study Area Determination

A radius of approximately 250 m was determined to be appropriate as a Phase I ESA Study Area for this assignment. Properties outside the 250 m radius are not considered to have the potential to impact the Phase I Property, based on their separation distance.

First Developed Use Determination

For the purposes of this report, and based on aerial photographs and the documentation reviewed, the Phase I Property has never been developed and has always existed as vacant land.

Plan of Survey

A draft survey plan (2020), prepared by Annis, O'Sullivan, Vollebekk Ltd., was reviewed as part of this assessment. The plan shows the Phase I Property (Block 29) in its proposed configuration and the adjacent blocks as part of 1620 Maple Grove Road. A copy of the Survey Plan is included in Appendix 1.

Previous Engineering Reports

The following reports were reviewed prior to conducting this assessment:

- “*Phase I Environmental Site Assessment, Vacant Property, Kanata West Lands, City of Ottawa, Ontario,*” prepared by John D. Paterson and Associates Limited, dated September 10, 2003.

The abovementioned Phase I ESA was conducted for the same parcel of land as the present Phase I. No concerns were identified during 2003 Phase I; a Phase II ESA was not recommended.

Several geotechnical investigations have been conducted on the subject property. Boreholes were terminated between 7 and 9 meters below grade. Soil material encountered on the property generally consisted of sand, silt and clay. No signs of impacted soil material were encountered in any of the boreholes.

- “*Phase I Environmental Site Assessment, Vacant Land, Proposed Residential Development, 1620 Maple Grove Road, Ottawa, Ontario,*” prepared by Paterson Group, dated September 20, 2013.

The results of the historical research and site assessment identified a potentially containing activity (PCA); three (3) aboveground storage tanks (ASTs) at 1635 Maple Grove Road, located approximately 60 meters northwest of the subject site, across Poole Creek and Maple Grove Road. The abovementioned PCA at the City of Ottawa Municipal Works property is not considered to represent an area of potential environmental concern (APEC) on the Phase I Property based on the separation distance and the presence of Poole Creek, separating the two properties. A Phase II ESA was not recommended at that time.

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on June 19, 2020. The subject site was not listed in the NPRI database. No new records of pollutant release were listed in the database for properties located within the Phase I Study Area.

PCB Inventory

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

Areas of Natural Significance

A search for areas of natural significance and features within the Phase I Study Area was conducted on the website of the Ontario Ministry of Natural Resources (MNR) on June 19, 2020. The search did not reveal any areas of natural significance within the Phase I Study Area.

Ministry of the Environment, Conservation and Parks (MECP) Submissions

An ERIS search was requested in lieu of a MECP Freedom of Information (FOI) request pertaining to all environmental conditions, permits, certificates of approval, compliance reports, fuel oil storage tanks, spills and waste generators regarding the subject site and neighbouring lands.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry (ESR) was conducted as part of this assessment for the site, neighbouring properties and the general area of the site.

No Records of Site Condition (RSCs) were filed for the Phase I Property or properties within the study area.

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. There are no former waste disposal sites located within 250 m of the Phase I Study Area.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the site. No Municipal Coal Gasification Plant Sites are located within the Phase I Study Area.

Technical Standards and Safety Authority (TSSA)

An ERIS report was requested in lieu of a TSSA search to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. A copy of the ERIS report is appended to this report.

City of Ottawa Landfill Document

The document entitled "Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa", was reviewed. There are no closed landfill sites within the vicinity of the Phase I Study Area.

City of Ottawa Historical Land Use Inventory (HLUI)

A requisition form was sent to the City of Ottawa to request information from the City's Historical Land Use Inventory (HLUI 2005) database in 2013. The City of Ottawa's HLUI database has not been updated since 2005, and therefore, an additional requisition form was not requested as part of this update. A copy of the HLUI search results are appended to this letter.

Environmental Risk Information Services (ERIS) Report

An ERIS (Environmental Risk Information Service) Report was obtained for the Phase I Property and properties within a 250 m search radius.

According to the ERIS report, three (3) records pertaining to the Phase I Property were identified; specifically, two (2) Environmental Compliance Approvals (ECAs) and a Permit to Take Water (PTTW). The ECAs and PTTW were associated with the future

development of the site. Based on the nature of these records, they are considered non-issues.

Several records, specifically, fuel storage tanks, waste generators and a spill report were identified on properties more than 180 m from the Phase I Property. Based on the separation distances, these properties with reported records are not considered to pose any risk to the Phase I Property. A copy of the ERIS report is included in Appendix 2.

Aerial Photographs

The latest aerial photograph reviewed in the 2013 Phase I ESA report was for the year of 2002. The 2011 and 2017 aerial photographs were reviewed for this Phase I ESA update. The Phase I Property remains vacant in the 2011 and 2017 aerial photographs, while a residential development and stormwater management pond are present on the adjacent lands to the west in the 2011 aerial photograph. The 2017 aerial photograph shows a construction site associated with residential development of the neighbouring lands immediately east of the subject land. No potentially contaminating activities (PCAs) were identified during the updated aerial photograph review.

Topographic Maps

Topographic maps were obtained from Natural Resources Canada - The Atlas of Canada website. The topographic maps indicate that the regional topography in the area of the subject site is generally flat. According to the maps, Poole Creek is located approximately 10 m to the northwest. The regional topography slopes down to the northwest and to the southeast in the direction of Poole Creek and the Carp River, respectively. No environmental concerns were identified on the topographic mapping. An illustration of the referenced topographic map is present on Figure 2 - Topographic Map following the body of this report.

Physiographic Maps

A Physiographic Map was reviewed from the Natural Resources Canada – The Atlas of Canada website. According to this physiographic map, the site is located in the St. Lawrence Lowlands. According to the mapping description provided: “The lowlands are plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets.”

The subject site is located in the Central St. Lawrence Lowland, which is generally less than 150 m above sea level.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on the information from NRCAN, bedrock in the area of the site consists primarily of interbedded limestone and shale of the Verulam Formation, and to a lesser extent, limestone and dolomite of the Gull River formation. Based on the maps, the thickness of overburden ranges from 5 to 15 m and consists of offshore marine sediment and organic deposits.

Water Well Records

A search of the MECP 's web site for all drilled well records within 250 m of the subject site was conducted on June 23, 2020. There are no wells present on the Phase I Property. No new wells were identified within the 250 m search radius.

Interviews

Mr. Tim Lee of Richcraft was interviewed via email on June 22, 2020. Richcraft has owned the Phase I Property since December 2003. According to Mr. Lee, the subject site remains vacant. There is some fill present on-site, however, Mr. Lee has indicated that it is native soil that will be removed in the near future prior to development. The site is slated for residential development to be completed by the end of 2021. Mr. Lee is not aware of any potential environmental concerns regarding the subject property.

Site Reconnaissance

Our site reconnaissance visit was conducted on June 17, 2020. Weather conditions were overcast with a temperature of approximately 28° C. Ms. Mandy Witteman from the Environmental Department of Paterson Group conducted the site inspection.

In addition to the site, the uses of neighbouring properties within the Phase I Study Area were also assessed at the time of the site visit.

Site Features

The site remains vacant with some indications of pre-development occurring (site stripped of topsoil), which appears undulating. Site drainage consists of infiltration. The regional topography slopes towards the northwest towards Poole Creek.

No aboveground or underground storage tanks were observed on the subject property. No water wells were observed on the property; however, the property is located in an area known to be municipally serviced.

No evidence of current or former railway or spur lines was observed on the subject property at the time of the site inspection. There were no unidentified substances observed on the subject site.

Neighbouring Properties

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

- North – Poole Creek and Maple Grove Road, followed by the City of Ottawa Municipal Works;
- South – Vacant land;
- East – Vacant land; and
- West – Poole Creek and Residential.

Land uses within the Phase I Study Area consisted of a combination of commercial offices and business and residential.

The surrounding land use within the study area is presented on Drawing PE3063-4 – Surrounding Land Use Plan, appended to this report.

Review and Evaluation of Information

Land Use History

The use of the Phase I Property has remained unchanged since the 2013 Phase I ESA. Richcraft remains the owner of the Phase I Property and they have owned the subject land since 2003.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

No new potentially contaminating activities (PCAs) were identified at the Phase I Property or within the Phase I Study Area.

Conceptual Site Model

Geological and Hydrogeological Setting

According to the Geological Survey of Canada website on the Urban Geology of the National Capital Area, the Phase I Property is located in an area that consists primarily of interbedded limestone and shale of the Verulam Formation, and to a lesser extent, limestone and dolomite of the Gull River formation. Based on the maps, the thickness of overburden ranges from 5 to 15 m and consists of offshore marine sediment and organic deposits.

Existing Buildings and Structures

No buildings or structures are present on the Phase I Property.

Underground Structures and Utilities

There are presently no underground structures or utilities present on-site.

Water Bodies and Areas of Natural Significance

No natural area of significance or water body is present on the Phase I Property. Poole Creek is located approximately 10 m northwest of the Phase I Property, such that the designated flood plain of Poole Creek borders the northwestern boundary of the subject land. No other bodies of water are present within the Phase I Study Area.

Drinking Water Wells

There are no wells present on-site. The Phase I Property is situated in a municipally serviced area and it is expected that upon development, the Phase I Property will also be serviced with municipal water.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area consisted of commercial to the north residential to the west, and vacant lands to the east and south.

Potentially Contaminating Activities and Areas of Potential Environmental Concerns

As previously discussed, no new potentially contaminating activities (PCAs) were identified on the Phase I Property or within the Phase I Study Area.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I- ESA is considered to be sufficient to conclude that there are no PCAs and as such, no APECs on the Phase I Property.

A variety of independent sources were consulted as part of this assessment, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

Conclusion and Recommendation

As a result of the additional historical research, records update and follow-up site visit undertaken as part of this assessment in order to meet the requirements of O.Reg. 153/04, as amended, **it is our opinion that a Phase II ESA work is not required for the subject site.**

Statement of Limitations

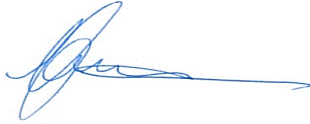
This Phase I - Environmental Site Assessment Update report has been prepared in general accordance with Ontario Regulation 153/04, as amended, under the Environmental Protection Act. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA Update are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment.

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

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

We trust that this submission satisfies your current requirements. Should you have any questions please contact the undersigned.

Paterson Group Inc.



Mandy Witteman, B.Eng., M.A.Sc.



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



Report Distribution:

- Richcraft Group of Companies
- Paterson Group

Appendix:

- ERIS Report
- Survey Plan (Draft)
- Figure 1 – Key Plan
- Figure 2 – Topographic Map
- Drawing PE3063-3 – Site Plan
- Drawing PE3063-4 – Surrounding Land Use Plan



DATABASE REPORT

Project Property: *PE3063 - Northwest section of 1620 Maple Grove Rd.
PE3063 - Northwest section of 1620 Maple Grove Rd.
Kanata ON K2V 1B7*

Project No: *27432*

Report Type: *Standard Report*

Order No: *20200617077*

Requested by: *Paterson Group Inc.*

Date Completed: *June 22, 2020*

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Executive Summary

Property Information:

Project Property: PE3063 - Northwest section of 1620 Maple Grove Rd.
PE3063 - Northwest section of 1620 Maple Grove Rd. Kanata ON K2V 1B7

Project No: 27432

Coordinates:

Latitude: 45.2915188
Longitude: -75.9125338
UTM Northing: 5,015,740.26
UTM Easting: 428,444.05
UTM Zone: 18T

Elevation: 324 FT
98.88 M

Order Information:

Order No: 20200617077
Date Requested: June 17, 2020
Requested by: Paterson Group Inc.
Report Type: Standard Report

Historical/Products:

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	2	0	2
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	1	1
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	6	6
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	3	3
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	2	2
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	18	18
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	1	1
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	1	1
PTTW	<i>Permit to Take Water</i>	Y	1	0	1
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	1	1
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	1	1
Total:			3	34	37

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
1	ECA	Richcraft Homes Ltd.	1620 Maple Grove Rd Ottawa ON K1G 4K1	-/0.0	0.00	18
1	PTTW	Richcraft Homes Ltd.	1620 Maple Grove Road Ottawa, ON K2V 1B7 Canada ON	-/0.0	0.00	18
1	ECA	Richcraft Homes Ltd.	1620 Maple Grove Rd Ottawa ON K1G 4K1	-/0.0	0.00	18

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		lot 28 con 12 KANATA ON Well ID: 7257399	NNW/192.0	-1.00	19
3	PRT	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : DO	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW/249.9	0.00	26
3	GEN	OTTAWA, CITY OF	1655 MAPLE ROAD KANATA ON K2V 1B7	WNW/249.9	0.00	26
3	GEN	OTTAWA-CARLETON, REG. MUN. OF	1655 MAPLE GROVE KANATA ON K2V 1B7	WNW/249.9	0.00	27
3	GEN	OTTAWA-CARLETON, REG. MUN. OF 29-602	1655 MAPLE GROVE, KANATA C/O 111 LISGAR ST., CARTIER SQUARE OTTAWA ON K2V 1B7	WNW/249.9	0.00	27
3	GEN	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	1655 MAPLE GROVE KANATA ON K2V 1B7	WNW/249.9	0.00	27
3	GEN	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW/249.9	0.00	28
3	GEN	OTTAWA-(SEE & USE ON0136225)ICIPALITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW/249.9	0.00	29
3	GEN	OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON	WNW/249.9	0.00	29
3	GEN	City of Ottawa	1655 Maplegrove Road Kanata ON K2V 1B7	WNW/249.9	0.00	30
3	FSTH	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW/249.9	0.00	31
3	SPL	City of Ottawa	1655 Maplegrove Ave Ottawa ON	WNW/249.9	0.00	32

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>3</u>	FSTH	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>32</u>
<u>3</u>	EXP	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>33</u>
<u>3</u>	EXP	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>33</u>
<u>3</u>	EXP	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	1655 MAPLE GROVE RD KANATA ON	WNW/249.9	0.00	<u>33</u>
<u>3</u>	EXP	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	1655 MAPLE GROVE RD KANATA ON	WNW/249.9	0.00	<u>33</u>
<u>3</u>	GEN	OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>34</u>
<u>3</u>	GEN	OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>34</u>
<u>3</u>	GEN	City of Ottawa	1655 Maple Grove Rd Ottawa ON K2V 1B7	WNW/249.9	0.00	<u>35</u>
<u>3</u>	GEN	OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>36</u>
<u>3</u>	FST	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>36</u>
<u>3</u>	FST	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>37</u>
<u>3</u>	FST	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>37</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>3</u>	GEN	OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>37</u>
<u>3</u>	NPRI	CITY OF OTTAWA	1655 Maple Grove Road Ottawa ON K2V1B7	WNW/249.9	0.00	<u>38</u>
<u>3</u>	EHS		1635-1655 Maple Grove Road Ottawa ON	WNW/249.9	0.00	<u>40</u>
<u>3</u>	GEN	OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON	WNW/249.9	0.00	<u>41</u>
<u>3</u>	EXP	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>42</u>
<u>3</u>	EXP	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>42</u>
<u>3</u>	GEN	OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>42</u>
<u>3</u>	GEN	OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>43</u>
<u>3</u>	GEN	OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>44</u>
<u>3</u>	GEN	OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW/249.9	0.00	<u>45</u>

Executive Summary: Summary By Data Source

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-May 31, 2020 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Richcraft Homes Ltd.	1620 Maple Grove Rd Ottawa ON K1G 4K1	-	0.00	<u>1</u>
Richcraft Homes Ltd.	1620 Maple Grove Rd Ottawa ON K1G 4K1	-	0.00	<u>1</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2020 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1635-1655 Maple Grove Road Ottawa ON	WNW	249.92	<u>3</u>

EXP - List of Expired Fuels Safety Facilities

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW	249.92	<u>3</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	1655 MAPLE GROVE RD KANATA ON	WNW	249.92	<u>3</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW	249.92	<u>3</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW	249.92	3
REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	1655 MAPLE GROVE RD KANATA ON	WNW	249.92	3
REGIONAL MUNICIPALITY OF OTTAWA CARLETON	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW	249.92	3

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 3 FST site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW	249.92	3
REGIONAL MUNICIPALITY OF OTTAWA CARLETON	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW	249.92	3
REGIONAL MUNICIPALITY OF OTTAWA CARLETON	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW	249.92	3

FSTH - Fuel Storage Tank - Historic

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW	249.92	3
REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW	249.92	3

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2020 has found that there are 18 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW	249.92	<u>3</u>
City of Ottawa	1655 Maple Grove Rd Ottawa ON K2V 1B7	WNW	249.92	<u>3</u>
OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW	249.92	<u>3</u>
OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW	249.92	<u>3</u>
City of Ottawa	1655 Maplegrove Road Kanata ON K2V 1B7	WNW	249.92	<u>3</u>
OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON	WNW	249.92	<u>3</u>
OTTAWA-(SEE & USE ON0136225)ICIPALITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW	249.92	<u>3</u>
OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW	249.92	<u>3</u>
OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	1655 MAPLE GROVE KANATA ON K2V 1B7	WNW	249.92	<u>3</u>
OTTAWA-CALRLETON, REG. MUN. OF 29-602	1655 MAPLE GROVE, KANATA C/O 111 LISGAR ST., CARTIER SQUARE OTTAWA ON K2V 1B7	WNW	249.92	<u>3</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA-CARLETON, REG. MUN. OF	1655 MAPLE GROVE KANATA ON K2V 1B7	WNW	249.92	3
OTTAWA, CITY OF	1655 MAPLE ROAD KANATA ON K2V 1B7	WNW	249.92	3
OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON	WNW	249.92	3
OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW	249.92	3
OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW	249.92	3
OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW	249.92	3
OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW	249.92	3
OTTAWA, CITY OF	1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	WNW	249.92	3

NPRI - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-May 2017 has found that there are 1 NPRI site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CITY OF OTTAWA	1655 Maple Grove Road Ottawa ON K2V1B7	WNW	249.92	3

PRT - Private and Retail Fuel Storage Tanks

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : DO	1655 MAPLE GROVE RD KANATA ON K2V 1B7	WNW	249.92	3

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994-Apr 30, 2020 has found that there are 1 PTTW site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Richcraft Homes Ltd.	1620 Maple Grove Road Ottawa, ON K2V 1B7 Canada ON	-	0.00	1

SPL - Ontario Spills

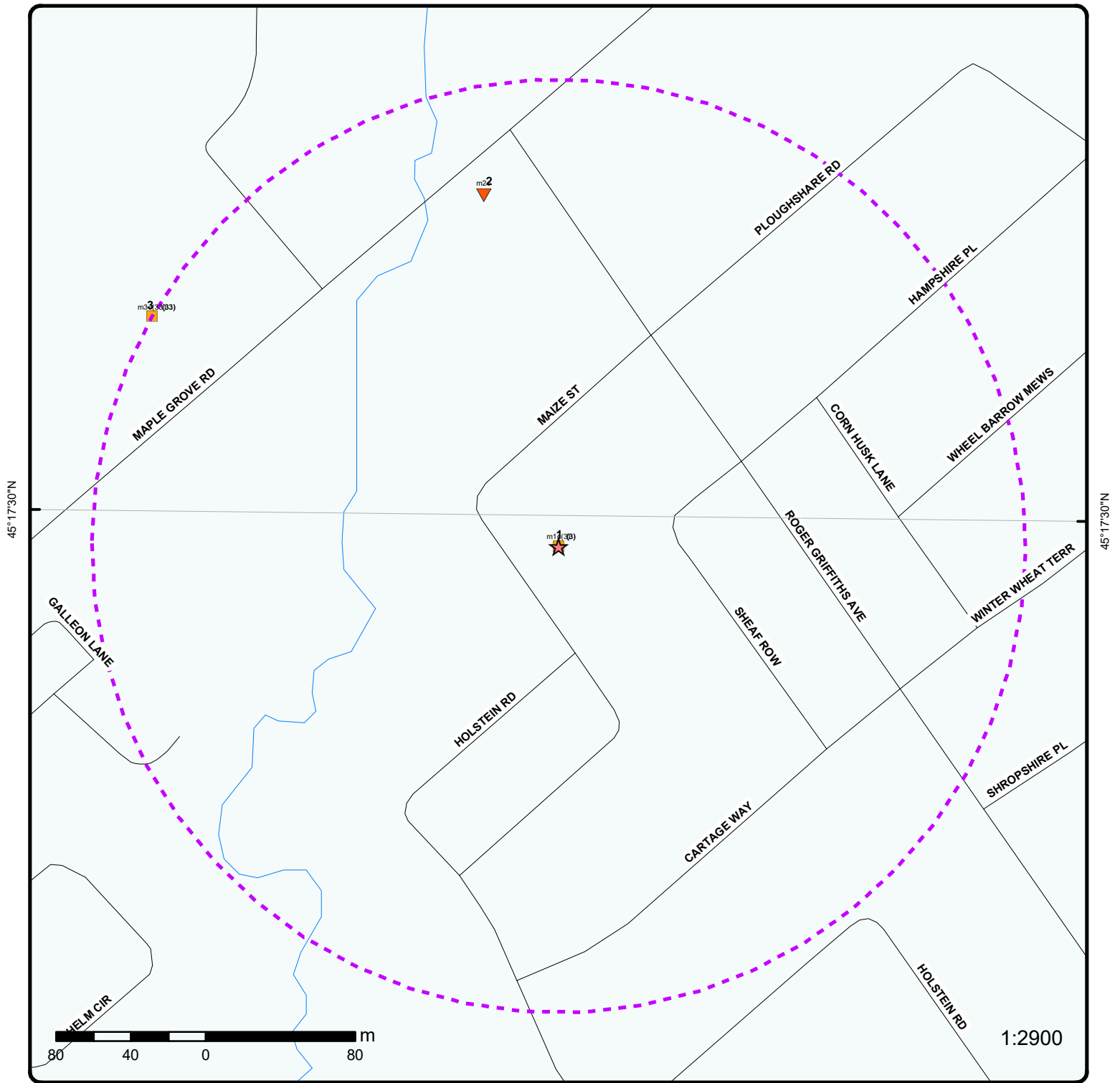
A search of the SPL database, dated 1988-Nov 2019 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	1655 Maplegrove Ave Ottawa ON	WNW	249.92	3

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 1 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 28 con 12 KANATA ON <i>Well ID: 7257399</i>	NNW	191.96	2



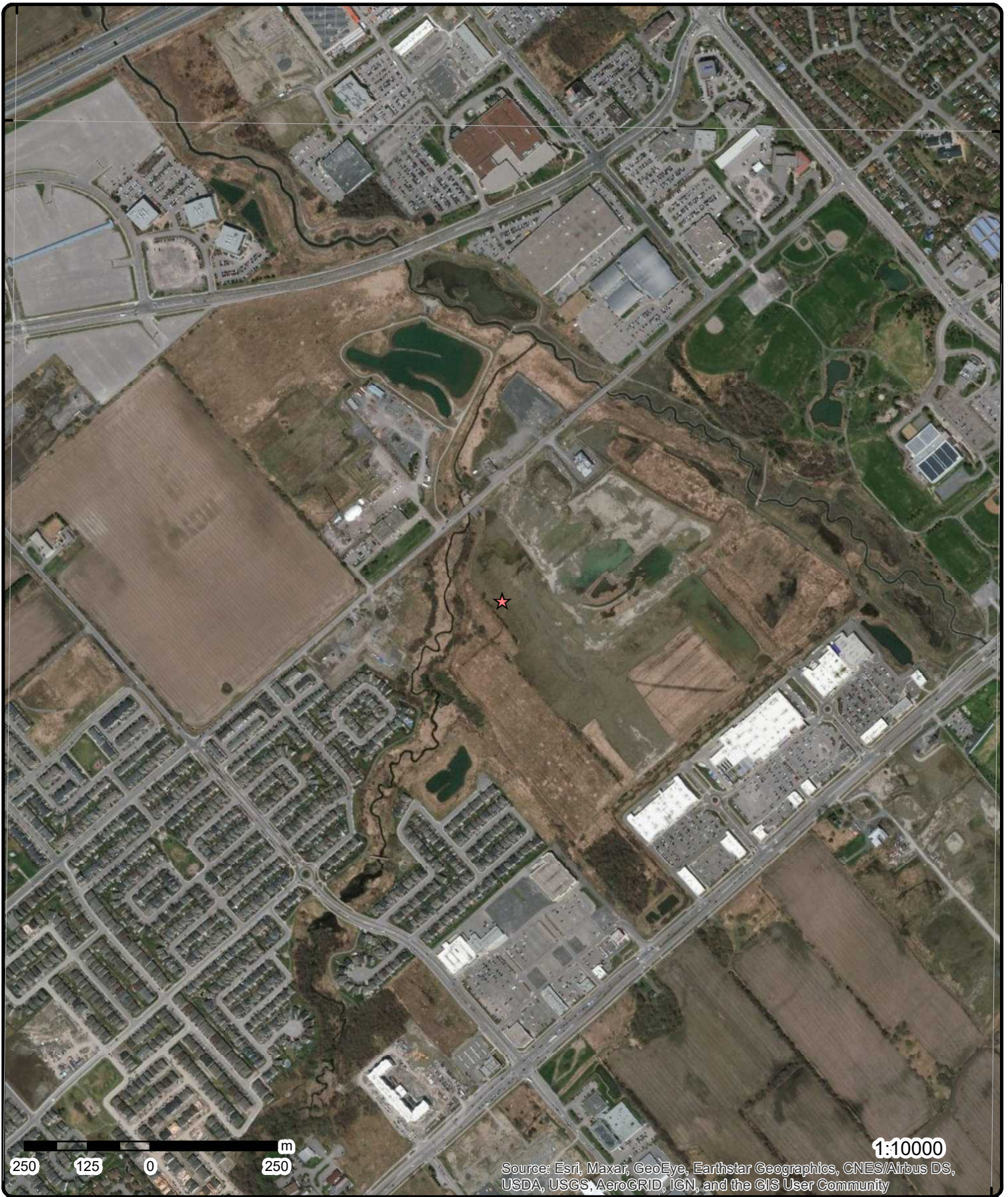
Map : 0.25 Kilometer Radius

Order Number: 20200617077

Address: PE3063 - Northwest section of 1620 Maple Grove Rd., Kanata, ON



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



250 125 0 250 m

1:10000

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Aerial Year: 2019

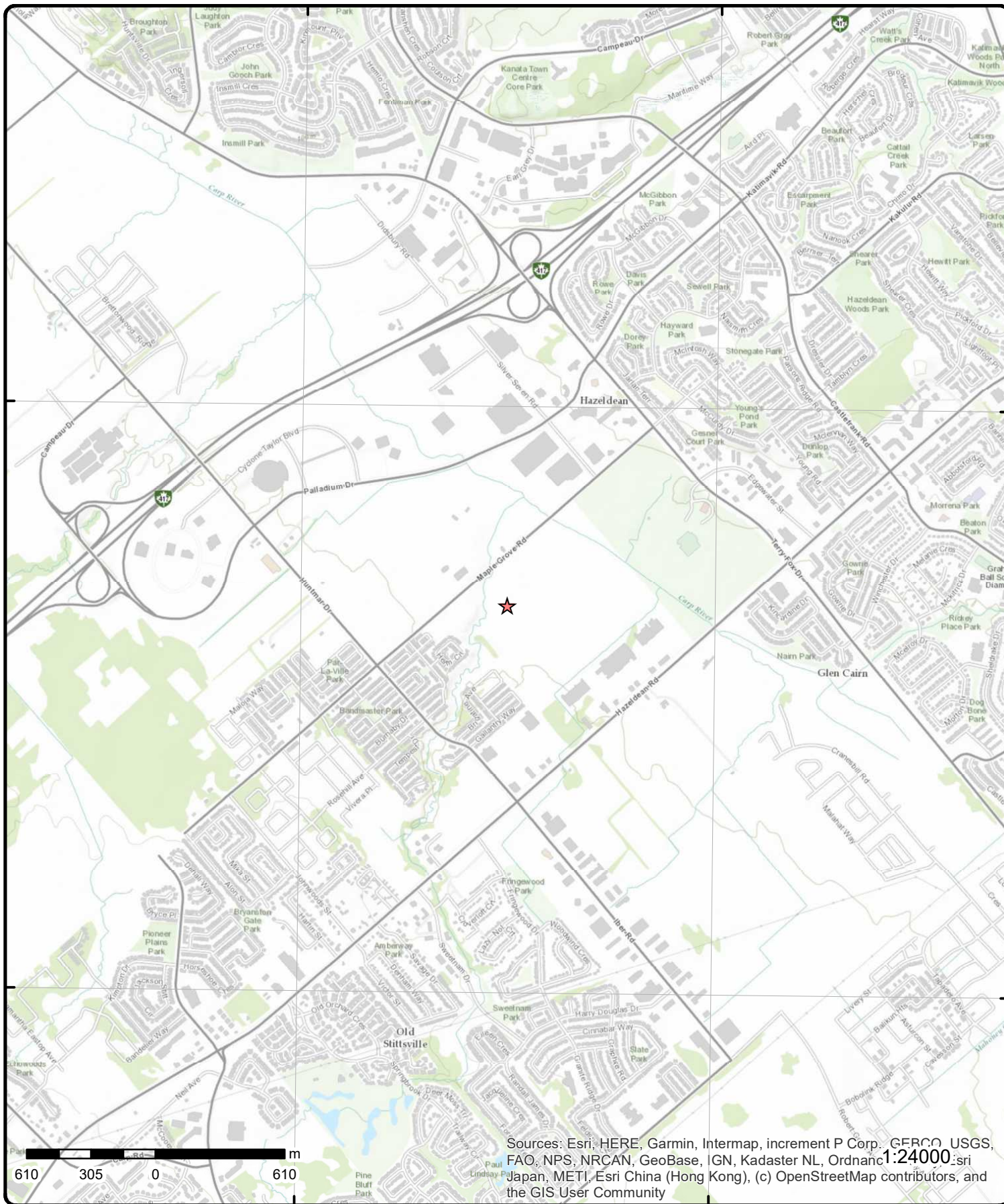
Order Number: 20200617077

Address: PE3063 - Northwest section of 1620 Maple Grove Rd., Kanat



Source: ESRI World Imagery

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Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Topographic Map

Address: PE3063 - Northwest section of 1620 Maple Grove Rd., ON

Source: ESRI World Topographic Map

Order Number: 20200617077



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>1</p> <p>Approval No: 0855-BFXPDL Approval Date: 2019-09-24 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: 1620 Maple Grove Rd Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8260-BFQRFP-14.pdf</p>	<p>1 of 3</p>	<p>-/0.0</p>	<p>98.9 / 0.00</p>	<p>Richcraft Homes Ltd. 1620 Maple Grove Rd Ottawa ON K1G 4K1</p>	<p>ECA</p>
<p>1</p> <p>EBR Registry No: 019-0832 Ministry Ref No: 3153-BHHJJV Notice Type: Instrument Notice Stage: Decision Notice Date: Proposal Date: November 5, 2019 Year: 2019 Instrument Type: Permit to Take Water (OWRA s. 34) Off Instrument Name: Permit to Take Water (OWRA s. 34) Posted By: Ministry of the Environment, Conservation and Parks Company Name: Site Address: 1620 Maple Grove Road Ottawa, ON K2V 1B7 Canada</p> <p>Location Other: Proponent Name: Richcraft Homes Ltd. Proponent Address: 2280 St. Laurent Boulevard Suite 201 Ottawa, ON K1G 4K1 Canada</p> <p>Comment Period: November 5, 2019 - December 5, 2019 (30 days) Closed URL: https://ero.ontario.ca/notice/019-0832</p> <p>Site Location Details:</p>	<p>2 of 3</p>	<p>-/0.0</p>	<p>98.9 / 0.00</p>	<p>Richcraft Homes Ltd. 1620 Maple Grove Road Ottawa, ON K2V 1B7 Canada ON</p>	<p>PTTW</p>
<p>1</p>	<p>3 of 3</p>	<p>-/0.0</p>	<p>98.9 / 0.00</p>	<p>Richcraft Homes Ltd.</p>	<p>ECA</p>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				1620 Maple Grove Rd Ottawa ON K1G 4K1	
Approval No:	9666-BMRG9Z			MOE District:	
Approval Date:	2020-04-01			City:	
Status:	Approved			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Address:	1620 Maple Grove Rd				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8163-BMFR5S-13.pdf				

2	1 of 1	NNW/192.0	97.9 / -1.00	lot 28 con 12 KANATA ON	WWIS
Well ID:	7257399			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	2/5/2016
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	4875
Casing Material:				Form Version:	7
Audit No:	Z220168			Owner:	
Tag:	A192929			Street Name:	MAPLE GROVE
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	KANATA WEST PUMP STN
Depth to Bedrock:				Lot:	028
Well Depth:				Concession:	12
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1005880748			Elevation:	94.675979
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428404
Code OB Desc:				North83:	5015928
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	1/21/2016			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005969672				
Layer:	2				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		9.15			
Formation End Depth:		11.9			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005969673			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		11.9			
Formation End Depth:		15.86			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005969675			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		18.61			
Formation End Depth:		18.6			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005969674			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		29			
Other Materials:		FINE GRAVEL			
Mat3:		10			
Other Materials:		COARSE SAND			
Formation Top Depth:		15.86			
Formation End Depth:		18.61			
Formation End Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005969671			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		9.15			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005969708			
Layer:		1			
Plug From:		0			
Plug To:		6			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005969669			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005969678			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.6			
Depth To:		17.39			
Casing Diameter:		15.88			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005969679			
Layer:		1			
Slot:		20			
Screen Top Depth:		17.39			
Screen End Depth:		18.61			
Screen Material:		8			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		13.97			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1005969670			
Pump Set At:		16.8			
Static Level:		1.54			
Final Level After Pumping:		4.69			
Recommended Pump Depth:		15.3			
Pumping Rate:		22			
Flowing Rate:					
Recommended Pump Rate:		45			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969682			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		3.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969694			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		4.68			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969702			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		4.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969680			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969697			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		1.66			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1005969698			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		4.69			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1005969700			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		4.69			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1005969685			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		2.69			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1005969686			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		3.98			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1005969696			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		4.69			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1005969704			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		4.69			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1005969683			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		3.13			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1005969687			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		2.47			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969695			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		1.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969703			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		1.61			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969690			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		4.57			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969684			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		3.7			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969693			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		1.74			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969701			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		1.62			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969681			
Test Type:		Recovery			
Test Duration:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		3.7			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969689			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		2.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969692			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		4.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969699			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		1.64			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969688			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		4.15			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969691			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		1.85			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005969705			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		1.6			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1005969677			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		17			
Water Found Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1005969676			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>3</u>	1 of 33	WNW/249.9	98.9 / 0.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : DO 1655 MAPLE GROVE RD KANATA ON K2V 1B7	PRT
Location ID:		19972			
Type:		private			
Expiry Date:					
Capacity (L):		50000.00			
Licence #:		0076359371			
<u>3</u>	2 of 33	WNW/249.9	98.9 / 0.00	OTTAWA, CITY OF 1655 MAPLE ROAD KANATA ON K2V 1B7	GEN
Generator No:	ON0136225			PO Box No:	
Status:				Country:	
Approval Years:	00,01,02			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8373				
SIC Description:		ENVIRON. ADMIN.			
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		269			
Waste Class Desc:		NON-HALOGENATED PESTICIDES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		331			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
3	3 of 33	WNW/249.9	98.9 / 0.00	OTTAWA-CARLETON, REG. MUN. OF 1655 MAPLE GROVE KANATA ON K2V 1B7	GEN
Generator No:	ON0303121			PO Box No:	
Status:				Country:	
Approval Years:	92,93,96,97			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8371				
SIC Description:	TRANSPORTATION ADMIN				
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
3	4 of 33	WNW/249.9	98.9 / 0.00	OTTAWA-CALRLETON, REG. MUN. OF 29-602 1655 MAPLE GROVE, KANATA C/O 111 LISGAR ST., CARTIER SQUARE OTTAWA ON K2V 1B7	GEN
Generator No:	ON0303121			PO Box No:	
Status:				Country:	
Approval Years:	94,95			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8371				
SIC Description:	TRANSPORTATION ADMIN				
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
3	5 of 33	WNW/249.9	98.9 / 0.00	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF 1655 MAPLE GROVE KANATA ON K2V 1B7	GEN
Generator No:	ON0303121			PO Box No:	
Status:				Country:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	98 8371	TRANSPORTATION ADMIN.		Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
3	6 of 33	WNW/249.9	98.9 / 0.00	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF 1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0303121 99 8371	TRANSPORTATION ADMIN.		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		269			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		NON-HALOGENATED PESTICIDES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
3	7 of 33	WNW/249.9	98.9 / 0.00	OTTAWA-(SEE & USE ON0136225)CIPALITY OF 1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	GEN
Generator No:		ON0303121		PO Box No:	
Status:				Country:	
Approval Years:		00,01		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		8371			
SIC Description:		TRANSPORTATION ADMIN.			
<u>Detail(s)</u>					
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		269			
Waste Class Desc:		NON-HALOGENATED PESTICIDES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
3	8 of 33	WNW/249.9	98.9 / 0.00	OTTAWA, CITY OF 1655 MAPLE GROVE ROAD	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
KANATA ON					
Generator No:	ON0136225			PO Box No:	
Status:				Country:	
Approval Years:	03,04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913910				
SIC Description:	Other Municipal Public Administration				
<u>Detail(s)</u>					
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	242				
Waste Class Desc:	HALOGENATED PESTICIDES				
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	269				
Waste Class Desc:	NON-HALOGENATED PESTICIDES				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	254				
Waste Class Desc:	TRANSFER STATION OILS WASTES				
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	133				
Waste Class Desc:	BRINES, CHLOR-ALKALI WASTES				
3	9 of 33	WNW/249.9	98.9 / 0.00	City of Ottawa 1655 Maplegrove Road Kanata ON K2V 1B7	GEN
Generator No:	ON8761705			PO Box No:	
Status:				Country:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	05,06 913910			Choice of Contact: Co Admin: Phone No Admin: Other Local Municipal and Regional Public Administration	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		312		PATHOLOGICAL WASTES	
Waste Class: Waste Class Desc:		262		DETERGENTS/SOAPS	
Waste Class: Waste Class Desc:		112		ACID WASTE - HEAVY METALS	
Waste Class: Waste Class Desc:		122		ALKALINE WASTES - OTHER METALS	
Waste Class: Waste Class Desc:		145		PAINT/PIGMENT/COATING RESIDUES	
Waste Class: Waste Class Desc:		147		CHEMICAL FERTILIZER WASTES	
Waste Class: Waste Class Desc:		148		INORGANIC LABORATORY CHEMICALS	
Waste Class: Waste Class Desc:		212		ALIPHATIC SOLVENTS	
Waste Class: Waste Class Desc:		213		PETROLEUM DISTILLATES	
Waste Class: Waste Class Desc:		221		LIGHT FUELS	
Waste Class: Waste Class Desc:		241		HALOGENATED SOLVENTS	
Waste Class: Waste Class Desc:		242		HALOGENATED PESTICIDES	
Waste Class: Waste Class Desc:		252		WASTE OILS & LUBRICANTS	
Waste Class: Waste Class Desc:		261		PHARMACEUTICALS	
Waste Class: Waste Class Desc:		263		ORGANIC LABORATORY CHEMICALS	
Waste Class: Waste Class Desc:		331		WASTE COMPRESSED GASES	
Waste Class: Waste Class Desc:		269		NON-HALOGENATED PESTICIDES	
3	10 of 33	WNW/249.9	98.9 / 0.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE 1655 MAPLE GROVE RD KANATA ON K2V 1B7	FSTH

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
License Issue Date:		3/19/1992			
Tank Status:		Licensed			
Tank Status As Of:		August 2007			
Operation Type:		Private Fuel Outlet			
Facility Type:		Gasoline Station - Self Serve			
--Details--					
Status:		Active			
Year of Installation:		1992			
Corrosion Protection:					
Capacity:		25000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1992			
Corrosion Protection:					
Capacity:		25000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Diesel			

<u>3</u>	11 of 33	WNW/249.9	98.9 / 0.00	City of Ottawa 1655 Maplegrove Ave Ottawa ON	SPL
Ref No:		2732-6A4MKW		Discharger Report:	0
Site No:				Material Group:	Oil
Incident Dt:		3/2/2005		Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:		Pipe Or Hose Leak		Sector Type:	Storage Depot
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:		DIESEL FUEL		Site Address:	
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:		Possible		Site Municipality:	Ottawa
Nature of Impact:		Soil Contamination		Site Lot:	
Receiving Medium:		Land		Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:		3/2/2005		Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Spills
Incident Reason:		Equipment Failure		Source Type:	
Site Name:		Maintenance Garage<UNOFFICIAL>			
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:		Maplegrove Ave - diesel to grd			
Contaminant Qty:					

<u>3</u>	12 of 33	WNW/249.9	98.9 / 0.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE 1655 MAPLE GROVE RD KANATA ON K2V 1B7	FSTH
License Issue Date:		3/19/1992			
Tank Status:		Licensed			
Tank Status As Of:		December 2008			
Operation Type:		Private Fuel Outlet			
Facility Type:		Gasoline Station - Self Serve			

--Details--

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status:		Active			
Year of Installation:		1992			
Corrosion Protection:					
Capacity:		25000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1992			
Corrosion Protection:					
Capacity:		25000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Diesel			
3	13 of 33	WNW/249.9	98.9 / 0.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE 1655 MAPLE GROVE RD KANATA ON K2V 1B7	EXP
Instance No:		11112268			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		12/30/2008			
3	14 of 33	WNW/249.9	98.9 / 0.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE 1655 MAPLE GROVE RD KANATA ON K2V 1B7	EXP
Instance No:		11112239			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		12/30/2008			
3	15 of 33	WNW/249.9	98.9 / 0.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE 1655 MAPLE GROVE RD KANATA ON	EXP
Instance No:		11112284			
Instance ID:		69244			
Instance Type:		FS Piping			
Description:		FS Piping			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
3	16 of 33	WNW/249.9	98.9 / 0.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	EXP

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				1655 MAPLE GROVE RD KANATA ON	
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		11112254 70274 FS Piping FS Piping EXPIRED			

3	17 of 33	WNW/249.9	98.9 / 0.00	OTTAWA, CITY OF 1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON0136225 2009 913910 Other Local Municipal and Regional Public Administration			
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					

Detail(s)

Waste Class: Waste Class Desc:	133 BRINES, CHLOR-ALKALI WASTES
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES
Waste Class: Waste Class Desc:	148 INORGANIC LABORATORY CHEMICALS
Waste Class: Waste Class Desc:	212 ALIPHATIC SOLVENTS
Waste Class: Waste Class Desc:	213 PETROLEUM DISTILLATES
Waste Class: Waste Class Desc:	251 OIL SKIMMINGS & SLUDGES
Waste Class: Waste Class Desc:	252 WASTE OILS & LUBRICANTS
Waste Class: Waste Class Desc:	254 TRANSFER STATION OILS WASTES
Waste Class: Waste Class Desc:	263 ORGANIC LABORATORY CHEMICALS
Waste Class: Waste Class Desc:	331 WASTE COMPRESSED GASES
Waste Class: Waste Class Desc:	221 LIGHT FUELS

3	18 of 33	WNW/249.9	98.9 / 0.00	OTTAWA, CITY OF 1655 MAPLE GROVE ROAD	GEN
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
KANATA ON K2V 1B7					
Generator No:	ON0136225			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913910				
SIC Description:	Other Local Municipal and Regional Public Administration				
<u>Detail(s)</u>					
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	135				
Waste Class Desc:	REACTIVE ANION WASTES				
Waste Class:	133				
Waste Class Desc:	BRINES, CHLOR-ALKALI WASTES				
Waste Class:	262				
Waste Class Desc:	DETERGENTS/SOAPS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	254				
Waste Class Desc:	TRANSFER STATION OILS WASTES				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
3	19 of 33	WNW/249.9	98.9 / 0.00	City of Ottawa 1655 Maple Grove Rd Ottawa ON K2V 1B7	GEN
Generator No:	ON8083606			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913150				
SIC Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	20 of 33	WNW/249.9	98.9 / 0.00	OTTAWA, CITY OF 1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	GEN
Generator No:	ON0136225			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913910				
SIC Description:	Other Local Municipal and Regional Public Administration				
<u>Detail(s)</u>					
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	133				
Waste Class Desc:	BRINES, CHLOR-ALKALI WASTES				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	262				
Waste Class Desc:	DETERGENTS/SOAPS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	135				
Waste Class Desc:	REACTIVE ANION WASTES				
Waste Class:	254				
Waste Class Desc:	TRANSFER STATION OILS WASTES				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				

3	21 of 33	WNW/249.9	98.9 / 0.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON 1655 MAPLE GROVE RD KANATA ON K2V 1B7	FST
Instance No:	60508340				
Cont Name:					
Instance Type:	FS Liquid Fuel Tank				
Fuel Type:	Other				
Status:	Active				
Capacity:	9176				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tank Material: Corrosion Protection: Tank Type: Install Year: Parent Facility Type: Facility Type:		Steel NULL Double Wall Horizontal AST 2005 Fuels Safety Private Fuel Outlet - Self Serve FS Liquid Fuel Tank			
3	22 of 33	WNW/249.9	98.9 / 0.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON 1655 MAPLE GROVE RD KANATA ON K2V 1B7	FST
Instance No: Cont Name: Instance Type: Fuel Type: Status: Capacity: Tank Material: Corrosion Protection: Tank Type: Install Year: Parent Facility Type: Facility Type:		60508341 FS Liquid Fuel Tank Diesel Active 4682 Steel NULL Double Wall Horizontal AST 2005 Fuels Safety Private Fuel Outlet - Self Serve FS Liquid Fuel Tank			
3	23 of 33	WNW/249.9	98.9 / 0.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON 1655 MAPLE GROVE RD KANATA ON K2V 1B7	FST
Instance No: Cont Name: Instance Type: Fuel Type: Status: Capacity: Tank Material: Corrosion Protection: Tank Type: Install Year: Parent Facility Type: Facility Type:		60508339 FS Liquid Fuel Tank Diesel Active 23021 Steel NULL Double Wall Horizontal AST 2005 Fuels Safety Private Fuel Outlet - Self Serve FS Liquid Fuel Tank			
3	24 of 33	WNW/249.9	98.9 / 0.00	OTTAWA, CITY OF 1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON0136225 2012 913910 Other Local Municipal and Regional Public Administration		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: Waste Class Desc:		133 BRINES, CHLOR-ALKALI WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Desc:		251 OIL SKIMMINGS & SLUDGES			
Waste Class: Waste Class Desc:		145 PAINT/PIGMENT/COATING RESIDUES			
Waste Class: Waste Class Desc:		213 PETROLEUM DISTILLATES			
Waste Class: Waste Class Desc:		252 WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Desc:		331 WASTE COMPRESSED GASES			
Waste Class: Waste Class Desc:		212 ALIPHATIC SOLVENTS			
Waste Class: Waste Class Desc:		262 DETERGENTS/SOAPS			
Waste Class: Waste Class Desc:		254 TRANSFER STATION OILS WASTES			
Waste Class: Waste Class Desc:		135 REACTIVE ANION WASTES			
Waste Class: Waste Class Desc:		148 INORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Desc:		263 ORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Desc:		221 LIGHT FUELS			

<u>3</u>	25 of 33	WNW/249.9	98.9 / 0.00	CITY OF OTTAWA 1655 Maple Grove Road Ottawa ON K2V1B7	NPRI
NPRI ID:	8800001997			Org ID:	
Other ID:				Submit Date:	
No Other ID:				Last Modified:	
Track ID:				Contact ID:	
Report ID:				Cont Type:	MED
Report Type:				Contact Title:	Mr.
Rpt Type ID:				Cont First Name:	Bill
Report Year:	2004			Cont Last Name:	Falls
Not-Current Rpt?:				Contact Position:	Property Manager
Yr of Last Filed Rpt:				Contact Fax:	
Fac ID:				Contact Ph.:	
Fac Name:	MAPLE GROVE DEPOT			Cont Area Code:	613
Fac Address1:				Contact Tel.:	5802424
Fac Address2:				Contact Ext.:	33560
Fac Postal Zip:				Cont Fax Area Cde:	
Facility Lat:				Contact Fax:	
Facility Long:				Contact Email:	
DLS (Last Filed Rpt):				Latitude:	
Facility DLS:				Longitude:	
Datum:				UTM Zone:	
Facility Cmnts:				UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	25			Waste Streams:	
Parent Co.:				No Streams:	
No Parent Co.:				Waste Off Sites:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pollut Prev Cmnts:				No Off Sites:	
Stacks:				Shutdown:	
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):				53	
NAICS 2 Description:				Real Estate and Rental and Leasing	
NAICS Code (4 digit):				5311	
NAICS 4 Description:				Lessors of Real Estate	
NAICS Code (6 digit):				531120	
NAICS 6 Description:				Lessors of Non-Residential Buildings (except Mini-Warehouses)	

Substance Release Report

CAS No: 630-08-0

Report ID:

Rpt Period: 2004

Subst Released: Carbon monoxide

Air:

Water:

Land:

Total Releases:

Units: tonnes

CAS No: 811-97-2

Report ID:

Rpt Period: 2004

Subst Released: HFC-134a Hydrofluorocarbon

Air:

Water:

Land:

Total Releases:

Units: tonnes

CAS No: NA - M08

Report ID:

Rpt Period: 2004

Subst Released: PM - Total Particulate Matter

Air:

Water:

Land:

Total Releases:

Units: tonnes

CAS No: 10024-97-2

Report ID:

Rpt Period: 2004

Subst Released: Nitrous oxide

Air:

Water:

Land:

Total Releases:

Units: tonnes

CAS No: 7446-09-5

Report ID:

Rpt Period: 2004

Subst Released: Sulphur dioxide

Air:

Water:

Land:

Total Releases:

Units: tonnes

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
CAS No:		74-82-8			
Report ID:					
Rpt Period:		2004			
Subst Released:		Methane			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		11104-93-1			
Report ID:					
Rpt Period:		2004			
Subst Released:		Nitrogen oxides (expressed as NO2)			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		124-38-9			
Report ID:					
Rpt Period:		2004			
Subst Released:		Carbon dioxide			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		NA - M09			
Report ID:					
Rpt Period:		2004			
Subst Released:		PM10 - Particulate Matter <= 10 Microns			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		NA - M16			
Report ID:					
Rpt Period:		2004			
Subst Released:		Volatile Organic Compounds (VOCs)			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		NA - M10			
Report ID:					
Rpt Period:		2004			
Subst Released:		PM2.5 - Particulate Matter <= 2.5 Microns			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			

[3](#)

26 of 33

WNW/249.9

98.9 / 0.00

1635-1655 Maple Grove Road
Ottawa ON

EHS

Order No:

20140605074

Nearest Intersection:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status:	C			Municipality: March Township (now Ottawa)	
Report Type:	Standard Report			Client Prov/State: ON	
Report Date:	13-JUN-14			Search Radius (km): .25	
Date Received:	05-JUN-14			X: -75.91534	
Previous Site Name:	Unknown			Y: 45.294058	
Lot/Building Size:	~30 ha				
Additional Info Ordered:					

<u>3</u>	27 of 33	WNW/249.9	98.9 / 0.00	OTTAWA, CITY OF 1655 MAPLE GROVE ROAD KANATA ON	GEN
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Generator No:	ON0136225	PO Box No:	
Status:		Country:	
Approval Years:	2013	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	913910		
SIC Description:			

Detail(s)

Waste Class:	135
Waste Class Desc:	REACTIVE ANION WASTES
Waste Class:	262
Waste Class Desc:	DETERGENTS/SOAPS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	133
Waste Class Desc:	BRINES, CHLOR-ALKALI WASTES
Waste Class:	254
Waste Class Desc:	TRANSFER STATION OILS WASTES
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	28 of 33	WNW/249.9	98.9 / 0.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON 1655 MAPLE GROVE RD KANATA ON K2V 1B7	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		11112268 FS Liquid Fuel Tank Fuels Safety Private Fuel Outlet - Self Serve EXPIRED FS Liquid Fuel Tank 12/30/2008			
3	29 of 33	WNW/249.9	98.9 / 0.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON 1655 MAPLE GROVE RD KANATA ON K2V 1B7	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		11112239 FS Liquid Fuel Tank Fuels Safety Private Fuel Outlet - Self Serve EXPIRED FS Liquid Fuel Tank 12/30/2008			
3	30 of 33	WNW/249.9	98.9 / 0.00	OTTAWA, CITY OF 1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON0136225 2016 No No 913910 913910		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		133			
Waste Class Desc:		BRINES, CHLOR-ALKALI WASTES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		135			
Waste Class Desc:		REACTIVE ANION WASTES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		254			
Waste Class Desc:		TRANSFER STATION OILS WASTES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			

<u>3</u>	31 of 33	WNW/249.9	98.9 / 0.00	OTTAWA, CITY OF 1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	GEN
Generator No:	ON0136225			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	913910				
SIC Description:	913910				

Detail(s)

Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	135
Waste Class Desc:	REACTIVE ANION WASTES
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		133			
Waste Class Desc:		BRINES, CHLOR-ALKALI WASTES			
Waste Class:		254			
Waste Class Desc:		TRANSFER STATION OILS WASTES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			

<u>3</u>	32 of 33	WNW/249.9	98.9 / 0.00	OTTAWA, CITY OF 1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	GEN
Generator No:	ON0136225			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	913910				
SIC Description:	913910				

Detail(s)

Waste Class:	262
Waste Class Desc:	DETERGENTS/SOAPS
Waste Class:	254
Waste Class Desc:	TRANSFER STATION OILS WASTES
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	135
Waste Class Desc:	REACTIVE ANION WASTES
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	133

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		BRINES, CHLOR-ALKALI WASTES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

3	33 of 33	WNW/249.9	98.9 / 0.00	OTTAWA, CITY OF 1655 MAPLE GROVE ROAD KANATA ON K2V 1B7	GEN
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Generator No:	ON0136225	PO Box No:	
Status:	Registered	Country:	Canada
Approval Years:	As of Dec 2018	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	122 C
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	133 L
Waste Class Desc:	Brine, chlor-alkali sludges
Waste Class:	135 C
Waste Class Desc:	Wastes containing other reactive anions
Waste Class:	145 B
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	145 I
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	145 L
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	148 C
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	212 L
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	213 I
Waste Class Desc:	Petroleum distillates
Waste Class:	221 I
Waste Class Desc:	Light fuels
Waste Class:	251 L
Waste Class Desc:	Waste oils/sludges (petroleum based)
Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	254 L
Waste Class Desc:	Oily water/waste oil from waste transfer/processing sites
Waste Class:	262 L
Waste Class Desc:	Detergents and soaps

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Class:</i>		263 I			
<i>Waste Class Desc:</i>		Misc. waste organic chemicals			
<i>Waste Class:</i>		331 I			
<i>Waste Class Desc:</i>		Waste compressed gases including cylinders			

Unplottable Summary

Total: 12 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	KANATA HYDRO	MAPLE GROVE ROAD	KANATA CITY ON	
CA	KANATA HYDRO	MAPLE GROVE ROAD	KANATA CITY ON	
CA	Taggart Construction Limited	Mobile Facility	Ottawa ON	
CONV	Taggart Construction Limited		Ottawa ON	
SPL	Taggart Construction Limited		Ottawa ON	
SPL	Taggart Construction Limited	Findlay Creek Subdivision	Ottawa ON	
SPL	Taggart Construction Limited	Maple Grove Rd	Ottawa ON	
WWIS		lot 28	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		lot 28	ON	
WWIS		con 1	ON	

Unplottable Report

Site: KANATA HYDRO
MAPLE GROVE ROAD KANATA CITY ON

Database:
CA

Certificate #: 7-0345-86-
Application Year: 86
Issue Date: 6/9/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KANATA HYDRO
MAPLE GROVE ROAD KANATA CITY ON

Database:
CA

Certificate #: 3-0477-86-
Application Year: 86
Issue Date: 9/8/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Taggart Construction Limited
Mobile Facility Ottawa ON

Database:
CA

Certificate #: 0636-7KEL2F
Application Year: 2008
Issue Date: 11/19/2008
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Taggart Construction Limited
Ottawa ON

Database:
CONV

File No: 012802
Crown Brief No:

Location:
Region:

Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description:

Ministry District:

Taggart Construction Limited, Paterson Group Inc. and Robert Passmore have been fined \$5,000 each, totalling \$15,000 plus a victim fine surcharge, after pleading guilty on January 15, 2009 to violations under the Ontario Water Resources Act. Taggart Construction Limited and Paterson Group Inc. were convicted of failing to comply with a Provincial Officer Order by taking more than 50,000 litres of water per day, and Mr. Passmore was convicted of giving false or misleading information to the ministry. The parties were given six months to pay the fine. The Court heard that Taggart Construction Limited was contracted by a developer to install municipal services at a subdivision in Ottawa which required dewatering activities. After being issued a Provincial Officer Order to restrict water taking activities to below 50,000 litres per day until a permit had been obtained, Taggart hired Paterson Group Inc. to submit an application for the permit. Taggart then pumped over 50,000 litres of water based on information provided by Paterson Group employee, Mr. Passmore, that the go ahead to pump had been given when a permit had yet to be issued. In an interview with ministry investigators, Mr. Passmore denied giving Taggart verbal approval to pump in excess of 50,000 litres per day. Taggart Construction Limited, Paterson Group Inc. and Mr. Passmore were charged following an investigation by the Ministry of the Environment's Investigations and Enforcement Branch.

Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section:
Act/Regulation/Section: OWRA
Date of Offence:
Date of Conviction:
Date Charged: January 15, 2009
Charge Disposition: fine, victim fine surcharge
Fine: \$5,000
Synopsis:

Site: Taggart Construction Limited
Ottawa ON

Database:
SPL

Ref No: 7584-BB3KRQ
Site No: NA
Incident Dt: 4/4/2019
Year:
Incident Cause:
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response:
Dt MOE Arvl on Scrn:
MOE Reported Dt: 4/9/2019
Dt Document Closed:
Incident Reason:
Site Name: 1896 John Quinn rd, Metcalfe<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Mobile Crusher Relocation - 2019

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type: Corporation
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Contaminant Qty:

Site: Taggart Construction Limited
Findlay Creek Subdivision Ottawa ON

Database:
SPL

Ref No: 4066-82SU3T
Site No:
Incident Dt:
Year:
Incident Cause: Discharge Or Bypass To A Watercourse
Incident Event:
Contaminant Code: 43
Contaminant Name: SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)

Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response: Planned Field Response
Dt MOE Arvl on Scn: 2/19/2010
MOE Reported Dt: 2/18/2010
Dt Document Closed:

Incident Reason: Overstress/Pressure - Any form of overloading wherein the design strength of the container was exceeded

Site Name: Findlay Creek<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Taggart Construction: sediment to Findlay Creek
Contaminant Qty: 90 min (duration)

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:

Site District Office:
Site Postal Code:
Site Region:
Site Municipality:
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:

Environment Canada - Spills at Federal Facilities & Spills of National Interest

Source Type:

Site: Taggart Construction Limited
Maple Grove Rd Ottawa ON

Database:
SPL

Ref No: 3642-AGCRUN
Site No: NA
Incident Dt: 2016/12/01
Year:
Incident Cause:
Incident Event: Other
Contaminant Code: 43
Contaminant Name: SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)

Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Surface Water
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 2016/12/05
Dt Document Closed:

Incident Reason: Weather Conditions
Site Name: Pool Creek<UNOFFICIAL>

Site County/District:
Site Geo Ref Meth:
Incident Summary: Taggart Construction - Sediment to Poole Creek
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse:
Site Address: Maple Grove Rd
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: 5016168
Easting: 428634
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Watercourse Spills
Source Type:

Site:
lot 28 ON

Database:
WWIS

Well ID: 1527753
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 110435
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 4/5/1994
Selected Flag: Yes
Abandonment Rec:
Contractor: 5222
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: MARCH TOWNSHIP
Site Info:
Lot: 028
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049352
DP2BR: 10
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 8/30/1991
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931067560
Layer: 2
Color: 1
General Color: WHITE
Mat1: 20
Most Common Material: QUARTZITE
Mat2: 90
Other Materials: VERY
Mat3: 73
Other Materials: HARD
Formation Top Depth: 10
Formation End Depth: 75
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931067559
Layer: 1
Color: 2
General Color: GREY
Mat1: 05

Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933112681
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID: 10597922
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086204
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 75
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930086203
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991527753
Pump Set At:
Static Level: 15
Final Level After Pumping: 65
Recommended Pump Depth: 65
Pumping Rate: 18

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

Draw Down & Recovery

Pump Test Detail ID: 934386575
Test Type: Draw Down
Test Duration: 30
Test Level: 65
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111764
Test Type: Draw Down
Test Duration: 15
Test Level: 65
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904275
Test Type: Draw Down
Test Duration: 60
Test Level: 65
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655904
Test Type: Draw Down
Test Duration: 45
Test Level: 65
Test Level UOM: ft

Water Details

Water ID: 933487275
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 70
Water Found Depth UOM: ft

Water Details

Water ID: 933487274
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 35
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1518121
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/26/1983
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: MARCH TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10039992
DP2BR: 3
Spatial Status:
Code OB: v
Code OB Desc: Overburden below Bedrock
Open Hole:
Cluster Kind:
Date Completed: 12/6/1982
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

Materials Interval

Formation ID: 931037421
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931037422
Layer: 2
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 90
Other Materials: VERY

Mat3: 73
Other Materials: HARD
Formation Top Depth: 3
Formation End Depth: 40
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931037423
Layer: 3
Color: 7
General Color: RED
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth:
Formation End Depth:
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID: 10588562
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930069859
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 28
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930069860
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 754
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991518121

Pump Set At:
Static Level: 10
Final Level After Pumping: 40
Recommended Pump Depth:
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934103441
Test Type: Draw Down
Test Duration: 15
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934377777
Test Type: Draw Down
Test Duration: 30
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934639257
Test Type: Draw Down
Test Duration: 45
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934897301
Test Type: Draw Down
Test Duration: 60
Test Level: 40
Test Level UOM: ft

Water Details

Water ID: 933474767
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70
Water Found Depth UOM: ft

Site: con 1 ON

Database:
WWIS

Well ID: 1520316
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply

Data Entry Status:
Data Src: 1
Date Received: 1/9/1986
Selected Flag: Yes
Abandonment Rec:

Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Contractor: 3323
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: MARCH TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042159
DP2BR: 5
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 4/19/1984
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

Materials Interval

Formation ID: 931044375
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 5
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931044376
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 5
Formation End Depth: 205
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10590729
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930073579
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930073578
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991520316
Pump Set At:
Static Level: 30
Final Level After Pumping: 160
Recommended Pump Depth: 160
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR:
Pumping Duration MIN:
Flowing: N

Water Details

Water ID: 933477526
Layer: 1
Kind Code: 1
Kind: FRESH

Water Found Depth:
Water Found Depth UOM: ft

Site:
lot 28 ON

Database:
WWIS

Well ID: 1527752
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 110434
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 4/5/1994
Selected Flag: Yes
Abandonment Rec:
Contractor: 5222
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: MARCH TOWNSHIP
Site Info:
Lot: 028
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049351
DP2BR: 5
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 8/30/1991
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931067558
Layer: 2
Color: 1
General Color: WHITE
Mat1: 20
Most Common Material: QUARTZITE
Mat2: 90
Other Materials: VERY
Mat3: 73
Other Materials: HARD
Formation Top Depth: 5
Formation End Depth: 75
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931067557
Layer: 1

Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 5
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933112680
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID: 10597921
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086202
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930086201
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991527752
Pump Set At:
Static Level: 18

Final Level After Pumping: 65
Recommended Pump Depth: 65
Pumping Rate: 15
Flowing Rate:
Recommended Pump Rate: 12
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934904274
Test Type: Draw Down
Test Duration: 60
Test Level: 65
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655903
Test Type: Draw Down
Test Duration: 45
Test Level: 65
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386574
Test Type: Draw Down
Test Duration: 30
Test Level: 65
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111763
Test Type: Draw Down
Test Duration: 15
Test Level: 65
Test Level UOM: ft

Water Details

Water ID: 933487273
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 68
Water Found Depth UOM: ft

Water Details

Water ID: 933487272
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1532041
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 230148
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 7/18/2001
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: MARCH TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10516491
DP2BR: 7
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/27/2001
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 932831645
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 7
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932831647
Layer: 3
Color: 2
General Color: GREY
Mat1: 21

Most Common Material: GRANITE
Mat2: 74
Other Materials: LAYERED
Mat3:
Other Materials:
Formation Top Depth: 45
Formation End Depth: 150
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932831646
Layer: 2
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 7
Formation End Depth: 45
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933219499
Layer: 1
Plug From: 0
Plug To: 21
Plug Depth UOM: ft

Method of Construction & Well
Use

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

Pipe Information

Pipe ID: 11065061
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930093964
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930093963

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

Results of Well Yield Testing

Pump Test ID: 991532041
Pump Set At:
Static Level: 7
Final Level After Pumping: 65
Recommended Pump Depth: 90
Pumping Rate: 30
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934398270
Test Type: Draw Down
Test Duration: 30
Test Level: 125
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934916651
Test Type: Draw Down
Test Duration: 60
Test Level: 65
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934659764
Test Type: Draw Down
Test Duration: 45
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934115211
Test Type: Draw Down
Test Duration: 15
Test Level: 148
Test Level UOM: ft

Water Details

Water ID: 934008115
Layer: 1
Kind Code: 5

Kind: Not stated
Water Found Depth: 40
Water Found Depth UOM: ft

Water Details

Water ID: 934008116
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 143
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Sep 2019

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

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-Jan 31, 2020

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:

Provincial CFOT

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, 2017

Chemical Register:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 - Feb 2020

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-Dec 2019

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-Apr 30, 2020

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 - Sep 2019

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-May 31, 2020

Environmental Registry:

Provincial [EBR](#)

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

Government Publication Date: 1994-Apr 30, 2020

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-May 31, 2020

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-Jan 31, 2020

Environmental Issues Inventory System:

Federal [EIS](#)

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 EIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial [EMHE](#)

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial [EPAR](#)

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2019

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, 2017

Federal Convictions:

Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal FCS

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

Government Publication Date: Jun 2000-Apr 2020

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, 2017

Fuel Storage Tank - Historic:

Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial GEN

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

Government Publication Date: 1986-Jan 31, 2020

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Jan 2020

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, 2018

National Defense & Canadian Forces Fuel Tanks:Federal [NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:Federal [NDSP](#)

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:Federal [NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:Federal [NEBI](#)

Locations of pipeline incidents from 2008 to present, made available by the 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-Mar 31, 2020

National Energy Board Wells:Federal [NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):Federal [NEES](#)

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

Government Publication Date: 1974-2003*

National PCB Inventory:Federal [NPCB](#)

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:Federal [NPRI](#)

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

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

Government Publication Date: 1988-Feb 29, 2020

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-Jun 2019

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

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

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

Orders:

Provincial

[ORD](#)

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

Government Publication Date: 1994-Apr 30, 2020

Canadian Pulp and Paper:

Private

[PAP](#)

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

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

Parks Canada Fuel Storage Tanks:

Federal

[PCFT](#)

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

[PES](#)

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

Government Publication Date: 1988 - May 2020

Pipeline Incidents:

Provincial

[PINC](#)

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing 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, 2017

Private and Retail Fuel Storage Tanks:

Provincial

[PRT](#)

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

[PTTW](#)

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

Government Publication Date: 1994-Apr 30, 2020

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-2016

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 clean-up 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-Mar 2020

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-Jan 31, 2020

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Nov 2019

Wastewater Discharger Registration Database:

Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

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-Aug 2018

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, 2017

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-May 31, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Feb 28, 2019

Definitions

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

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

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

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

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

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

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

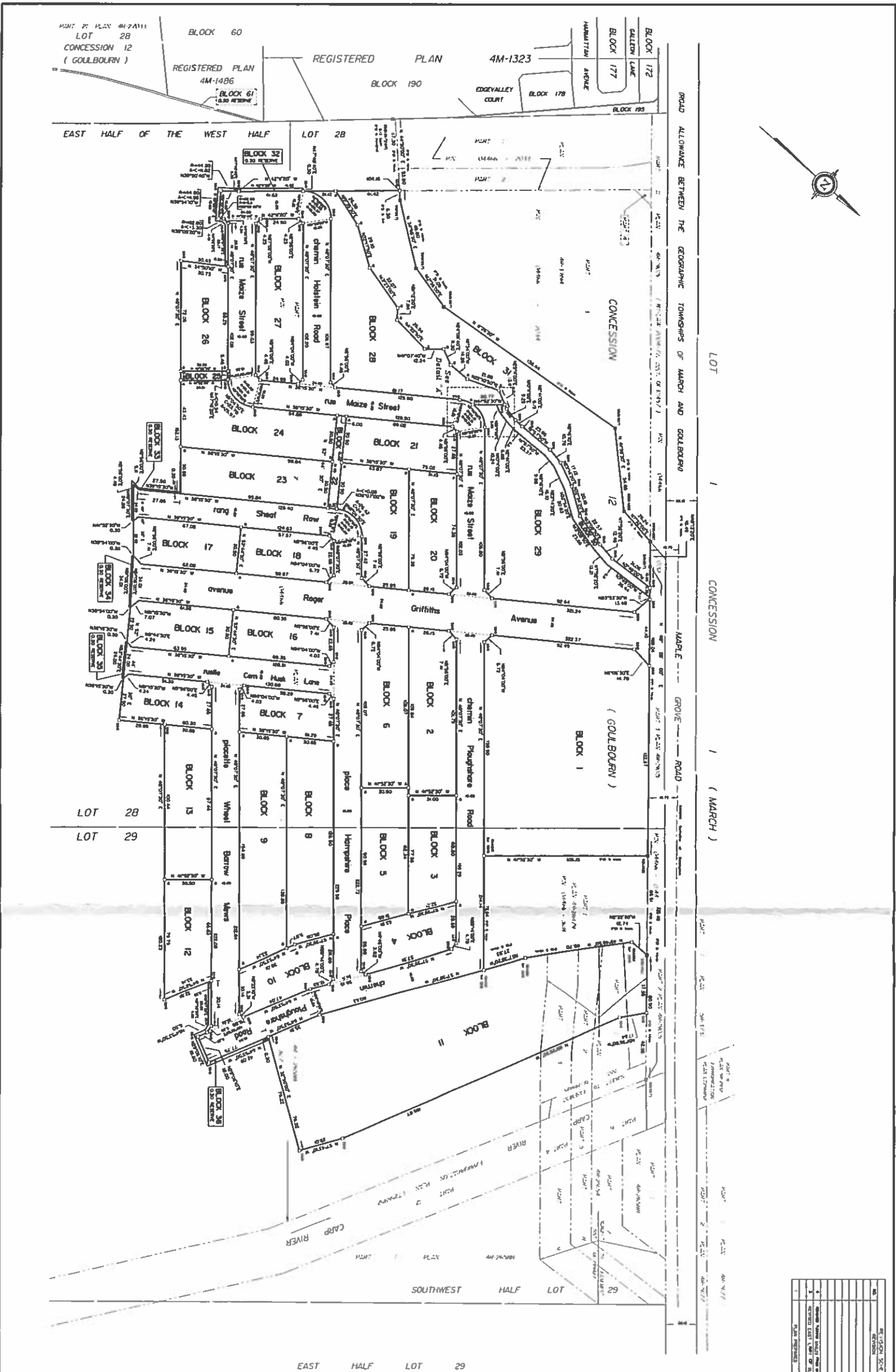
'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

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

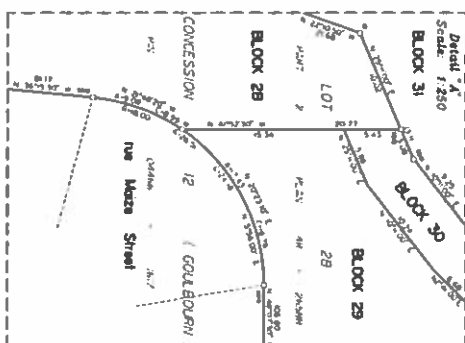
Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number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

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

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



NO.	DESCRIPTION	DATE
1	REGISTERED PLAN 4M-1323	1971
2	REGISTERED PLAN 4M-1486	1971
3	REGISTERED PLAN 4M-1487	1971
4	REGISTERED PLAN 4M-1488	1971
5	REGISTERED PLAN 4M-1489	1971
6	REGISTERED PLAN 4M-1490	1971
7	REGISTERED PLAN 4M-1491	1971
8	REGISTERED PLAN 4M-1492	1971
9	REGISTERED PLAN 4M-1493	1971
10	REGISTERED PLAN 4M-1494	1971
11	REGISTERED PLAN 4M-1495	1971
12	REGISTERED PLAN 4M-1496	1971
13	REGISTERED PLAN 4M-1497	1971
14	REGISTERED PLAN 4M-1498	1971
15	REGISTERED PLAN 4M-1499	1971
16	REGISTERED PLAN 4M-1500	1971
17	REGISTERED PLAN 4M-1501	1971
18	REGISTERED PLAN 4M-1502	1971
19	REGISTERED PLAN 4M-1503	1971
20	REGISTERED PLAN 4M-1504	1971
21	REGISTERED PLAN 4M-1505	1971
22	REGISTERED PLAN 4M-1506	1971
23	REGISTERED PLAN 4M-1507	1971
24	REGISTERED PLAN 4M-1508	1971
25	REGISTERED PLAN 4M-1509	1971
26	REGISTERED PLAN 4M-1510	1971
27	REGISTERED PLAN 4M-1511	1971
28	REGISTERED PLAN 4M-1512	1971
29	REGISTERED PLAN 4M-1513	1971
30	REGISTERED PLAN 4M-1514	1971
31	REGISTERED PLAN 4M-1515	1971
32	REGISTERED PLAN 4M-1516	1971
33	REGISTERED PLAN 4M-1517	1971
34	REGISTERED PLAN 4M-1518	1971
35	REGISTERED PLAN 4M-1519	1971
36	REGISTERED PLAN 4M-1520	1971



APPROVED FOR THE PLAN BY THE CITY OF OTTAWA
 DATE: _____
 PROJECT NO. 4M-1520
 DRAWN BY: _____
 CHECKED BY: _____
 DATE: _____

PLAN 4M-
 PART OF SUBDIVISION OF
 PART OF LOTS 28 AND 29
 CONCESSION 12
 Geographic Township of
 Goulbourn
 City of Ottawa
 Surveyed by Anne, O'Sullivan, Vollebæk Ltd.
 Scale: 1:1000
 Date: _____

OWNER'S CERTIFICATE
 I, the undersigned, being the owner of the land shown on this plan, do hereby certify that the same is as shown on this plan and that I have no objection to the same being registered as shown on this plan.
 Date: _____
 Signature: _____
 Name: _____

NOTES AND LEGEND
 1. The boundaries shown on this plan are as shown on the registered plans mentioned in the legend.
 2. The bearings and distances are as shown on the registered plans mentioned in the legend.
 3. The area shown on this plan is as shown on the registered plans mentioned in the legend.
 4. The area shown on this plan is as shown on the registered plans mentioned in the legend.
 5. The area shown on this plan is as shown on the registered plans mentioned in the legend.
 6. The area shown on this plan is as shown on the registered plans mentioned in the legend.
 7. The area shown on this plan is as shown on the registered plans mentioned in the legend.
 8. The area shown on this plan is as shown on the registered plans mentioned in the legend.
 9. The area shown on this plan is as shown on the registered plans mentioned in the legend.
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 10. The area shown on this plan is as shown on the registered plans mentioned in the legend.

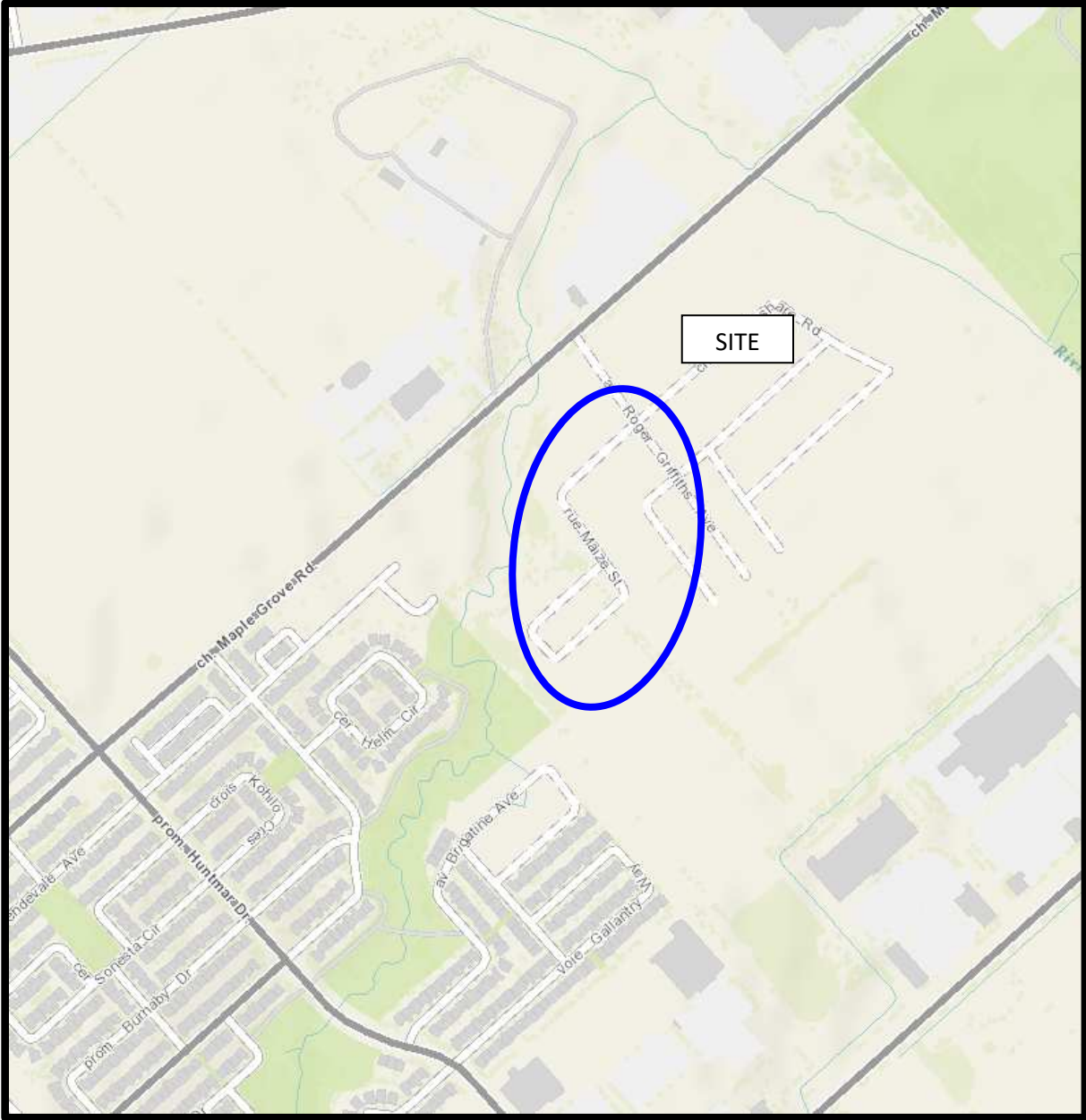


FIGURE 1
KEY PLAN

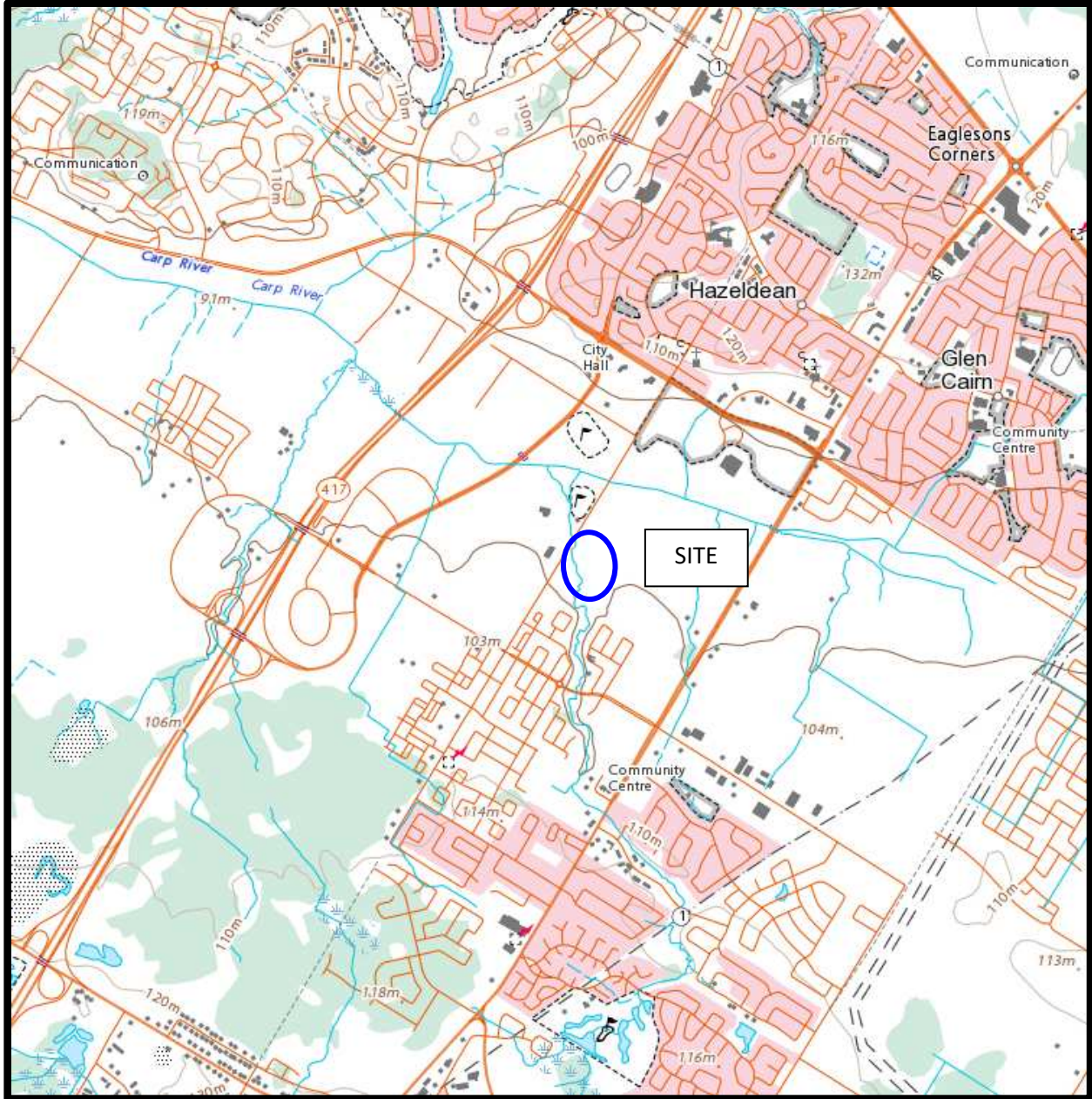


FIGURE 2
TOPOGRAPHIC MAP

#1635-1655 MAPLE GROVE ROAD
CITY OF OTTAWA
MUNICIPAL WORKS

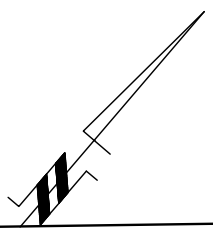
#1625 MAPLE GROVE ROAD
RIGHT-OF-WAY ELECTRIC

MAPLE GROVE ROAD

ROAD WIDENING

POOLE CREEK

POOLE CREEK



VACANT FIELD

VACANT FIELD

**PART OF 1620 MAPLE GROVE ROAD (BLOCK 29)
VACANT**

VACANT FIELD

VACANT FIELD

BH 2-13

BH 4-13

patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

RICHCRAFT GROUP OF COMPANIES

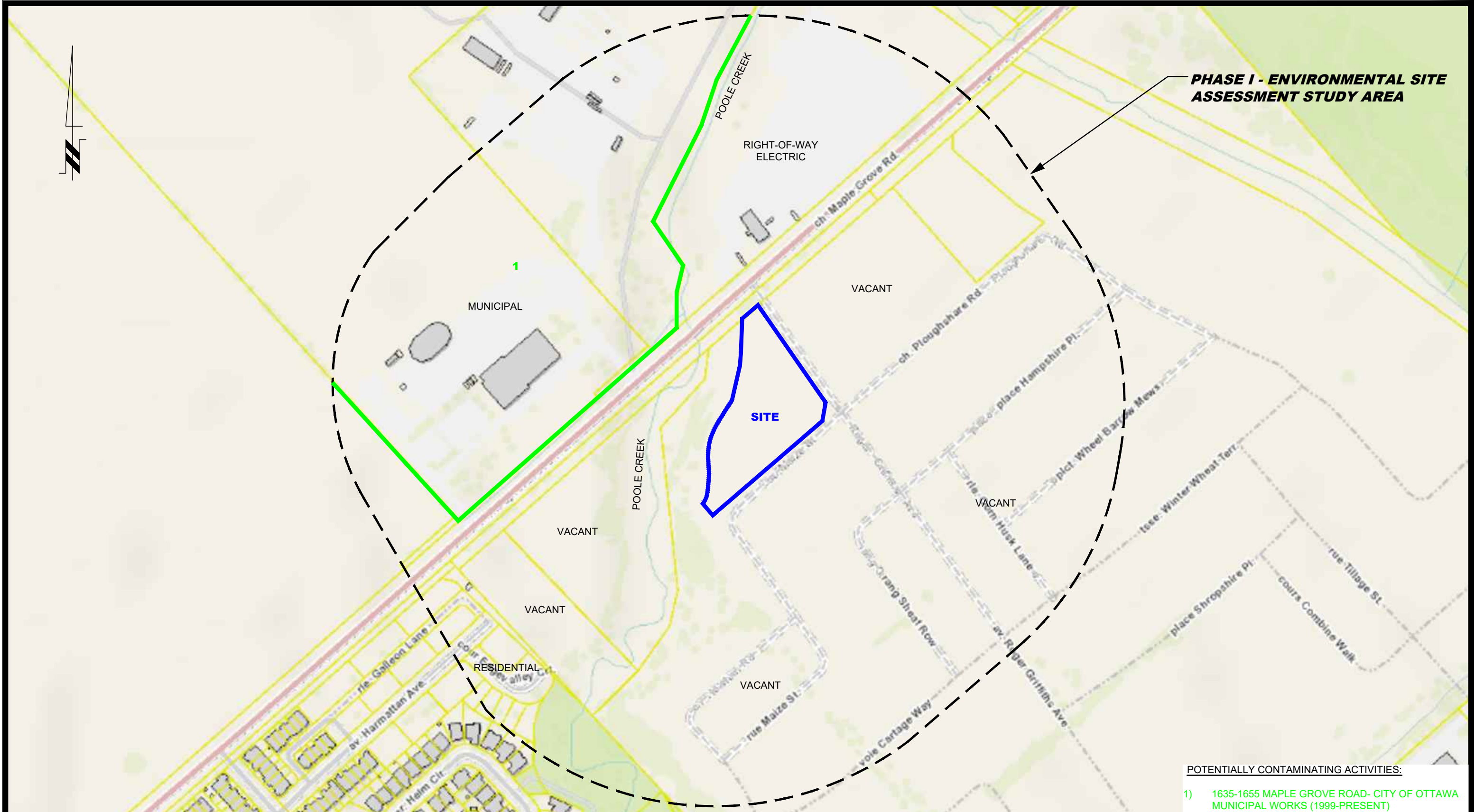
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT UPDATE
KANATA WEST - 1620 MAPLE GROVE ROAD - BLOCK 29**

OTTAWA, ONTARIO

SITE PLAN

Scale:	1:1000	Date:	07/2020
Drawn by:	YA	Report No.:	PE3063-LET.02
Checked by:	MW	Dwg. No.:	PE3063-3
Approved by:	MSD	Revision No.:	

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PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA

- POTENTIALLY CONTAMINATING ACTIVITIES:
- 1) 1635-1655 MAPLE GROVE ROAD- CITY OF OTTAWA MUNICIPAL WORKS (1999-PRESENT)

patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

RICHCRAFT GROUP OF COMPANIES
PHASE I - ENVIRONMENTAL SITE ASSESSMENT UPDATE
KANATA WEST - 1620 MAPLE GROVE ROAD - BLOCK 29
 OTTAWA, ONTARIO
 Title: **SURROUNDING LAND USE PLAN**

Scale:	1:3000	Date:	06/2020
Drawn by:	YA	Report No.:	PE3063-LET.02
Checked by:	MW	Dwg. No.:	PE3063-4
Approved by:	MSD	Revision No.:	

p:\autocad\drawings\environmental\pe3063\pe3063-4 surrounding land use.dwg