

CISCO SYSTEMS

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

**2000 and 3000 Innovation Drive Kanata, Ottawa,
Ontario**

17 November 2025

Phase One ESA
2000 and 3000 Innovation Drive, Kanata, Ottawa, Ontario

Phase One ESA

2000 and 3000 Innovation Drive (Kanata), Ottawa, Ontario

17 November 2025

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Acronyms and Abbreviations

AEC	Areas of Environmental Concern
ANSI	Areas of Natural and Scientific Interest
APEC	Area of Potential Environmental Concern
Arcadis	Arcadis Professional Services (Canada) Inc.
AST	Aboveground Storage Tank
CA	Certificate of Approval
Cisco	Cisco Systems (Canada) Co.
COC	Contaminants of Concern
COPC	Contaminants of Potential Concern
CSA	Canadian Standards Association
ERMA	Environmental Risk Management Area
ESA	Environmental Site Assessment
FOI	Freedom of Information
HLUI	Historical Land Use Inventory
km	kilometres
kVA	kilo Volt Ampere
L	litres
m	metres
MECP	Ministry of the Environment, Conservation and Parks
MOECC	Ministry of the Environment and Climate Change
OC Transpo	Ottawa-Carleton Regional Transit Commission
OWS	Oil/water separator
PCA	Potentially Contaminating Activities
POSS	Potential Off-Site Source
QP	Qualified Person
RMS	Risk Management Services
RSC	Record of Site Condition
TSSA	Technical Standards and Safety Authority
UST	Underground Storage Tank

Executive Summary

Arcadis Professional Services (Canada) Inc. conducted a Phase One Environmental Site Assessment (ESA) for Cisco Systems (Canada) Co. (Cisco) for a property located at 2000 and 3000 Innovation Drive (Kanata), Ottawa, Ontario (the 'Phase One property' or the 'subject property'). The assessment was undertaken in support of a proposed development application for a new standalone infrastructure building and as part of the due diligence process under the City of Ottawa's development review framework.

The subject property occupies approximately 78,358 m² within the Kanata North Business Park, a prominent technology hub in Ottawa. The subject property consists of two interconnected, two-storey office and laboratory buildings developed in the late 1990s or early 2000s. The buildings are primarily used for office, research, and development functions, and include ancillary spaces such as computer laboratories, storage areas, and electrical and mechanical rooms. Exterior features include extensive asphalt-surfaced parking areas, landscaped grassed margins, and a sports field. The subject property is fully serviced by the City of Ottawa's municipal water, sanitary sewer, stormwater, hydro, and telecommunications infrastructure.

The Phase One ESA was carried out in accordance with Ontario Regulation 153/04 (O. Reg.153/04), as amended, and included a comprehensive records review, interviews with facility managers, and a detailed site reconnaissance which was conducted on September 10, 2025.

The Phase One ESA historical research included gathering and reviewing records that were related to both historical and current activities at the subject property and surrounding properties. This research included but was not limited to a review of fire insurance plans, topographic maps, city street directories, land titles information, and Ecolog ERIS environmental reporting which searches numerous federal, provincial, and private environmental databases. Arcadis also corresponded with the Ministry of the Environment, Conservation and Parks (MECP) and with the City of Ottawa for circulation of environmental information requests throughout various departments.

The Phase One ESA for 2000 and 3000 innovation Drive identified sixteen (16) Potential Contaminated Areas (PCAs) (14 on-site and 2 off-site), including use of salt on parking areas, presence of fill of unknown quality on the entire property, diesel-fueled generator, three above-ground diesel storage tanks (ASTs), hazardous waste generator records, hydraulic lifts, oil/water separator, transformers, historical on-site spills/leaks and the presence of a nearby former landfill. These PCAs resulted in fifteen (15) Areas of Potential Concern (APECs). Contaminants of Potential Concerns (COPCs) identified in soil and/or groundwater include one or more of: metals, benzene, toluene, ethylbenzene, xylene (BTEX), petroleum hydrocarbons (PHCs), Volatile Organic Compounds (VOCs/SVOCs), alcohols and glycols (methanol, isopropanol, ethylene glycol) and Polycyclic Aromatic Hydrocarbons (PAHs), Hydride-Forming Metals (Arsenic (As), Selenium (Se), and Antimony (Sb)), Hexavalent chromium (Cr VI), Hot Water Soluble – Boron (HWS-B), Mercury (Hg), Electrical Conductivity (EC), Sodium Absorption Ratio (SAR), and pH.

Based on the Phase One ESA historical review, interviews, background reporting, and the September 2025 Arcadis site reconnaissance, the following fifteen (15) Areas of Potential Environmental Concern (APECs) were identified:

APEC	PCA Code (O. Reg. 153/04)	Potentially Contaminating Activity (PCA)	Location on Site	Area of Potential Environmental Concern (APEC)	Potential Contaminants of Concern (COPCs)
1	30	Unknown fill material	Entire Phase I property	Entire Phase I property	metals, Hydride-Forming metals, HWS-B, Hg pH, VOCs, PHCs, PAHs
2	28	Standby diesel-fueled generator and associated AST	2000 Innovation Drive	East of building at 2000 Innovation Drive	metals, BTEX, PHCs, VOCs and PAHs

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3	28	Two standby diesel-fueled generator and associated ASTs	3000 Innovation Drive	Northwest of building at 3000 Innovation Drive	metals, BTEX, PHCs, VOCs and PAHs.
4	58	Hazardous Waste Generator	2000 Innovation Drive	East portion of the Phase I property	metals, BTEX, PHCs, VOCs/ SVOCs, alcohols and glycols and PAHs.
5	58	Hazardous Waste Generator	3000 Innovation Drive	West portion of the Phase I property	metals, BTEX, PHCs, VOCs/SVOCs, alcohols and glycols and PAHs.
6	NA	Hydraulic lift	East side of building at 2000 Innovation Drive	East side of building at 2000 Innovation Drive	metals, BTEX, PHCs, VOCs/SVOCs and PAHs
7	NA	Hydraulic lift	West side of building at 3000 Innovation Drive	West side of building at 3000 Innovation Drive	metals, BTEX, PHCs, VOCs/SVOCs and PAHs.
8	58	Oil/water separator	West side of building at 3000 Innovation Drive	West side of building at 3000 Innovation Drive	metals, BTEX, PHCs, VOCs/SVOCs and PAHs.
9	55	Transformers	West side of building at 3000 Innovation Drive	Northwest corner of building at 3000 Innovation Drive	Metals, BTEX, PHCs, PCBs and PAHs.
10	55	Transformer	East side of building at 2000 Innovation Drive	East side of building at 2000 Innovation Drive	Metals, BTEX, PHCs, PCBs and PAHs.
11	NA	Historical spill/leaks of 113 L of glycol (April 2024)	Roof drain at 3000 Innovation Drive	Western half of Phase I property	VOCs and glycols.
12	NA	Historical spill/leaks of 265L of glycol (December 2024)	On-Site location not provided	Entire Phase I property	VOCs and glycols.
13	NA	Historical spill/leaks of 100 L of glycol (November 2022)	Sanitary sewer at 3000 Innovation Drive	Entire Phase I property	VOCs and glycols.
14	NA	Historical spill/leaks of 120 L of non-PCB transformer oil (Feb. 2015)	Concrete pad and ground at 3000 Innovation Drive	Northwest of building at 3000 Innovation Drive	metals, PHCs, BTEX, PCBs and PAHs
15	58	Off-Site: Former City of Ottawa Facility Operations Service at 4101 Innovation Drive (southwest of Site)	Entire Phase I property	Entire Phase I property	metals (including iron, mercury, lead and zinc), BTEX, PHCs, VOCs/ SVOCs, phenols, cyanide, PCBs and PAHs
	58	Off-Site: Former March Landfill	Entire Phase I property	Entire Phase I property	Metals (including iron, mercury, lead and zinc), BTEX, PHCs, VOCs/ SVOCs, phenols, cyanide, PCBs and PAHs

NA = Not Available

As per O. Reg. 153/04, since on-site PCAs were identified which have resulted in APECs, intrusive investigation is mandatory. A Phase Two ESA is therefore recommended to assess the identified APECs through subsurface investigation, including soil and groundwater sampling in areas of known or potential contaminant sources.

Each potentially contaminating activity and, if deemed relevant, its subsequent APEC location, has been provided in Figure 4, the conceptual site model included at the rear of the report.

1 INTRODUCTION

Arcadis Professional Services Canada Inc. (Arcadis) was retained by Cisco Systems (Canada) Co. (Cisco) to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 2000 and 3000 Innovation Drive, Kanata, Ottawa, Canada (the 'Phase One property' or the 'subject property'). This work is being initiated in support of the proposed development application for a new standalone infrastructure building on the subject property, and forms part of the due diligence process under the City of Ottawa's development review framework. This Phase One ESA was prepared to meet the general requirements set out under Ontario Regulation 153/04 (O. Reg. 153/04).

1.1 Phase One Property Information

The subject property is comprised of two municipal addresses, 2000 Innovation Drive and 3000 Innovation Drive, which are owned and occupied by Cisco. These two addresses function as a unified property which is approximately 78,358 m² in size.

The subject property is occupied by two large commercial buildings and several smaller buildings, a sports field, asphalt-surfaced parking lots and landscaped areas.

The subject property is located in the Kanata North Business Park, a major technology hub in Ottawa, and is surrounded to the northwest by Mitel (a telecommunications service provider located at 4000 Innovation Drive), Solace (a software company located at 4000 Innovation Drive), followed by Innovation Drive, OC Transpo Park and Ride parking lot, and several restaurants (Starbucks, Burrito Gringo, St. Louis Bar and Grill); to the north by Ciena Corporation (383 and 385 Terry Fox Drive and 5050 Innovation Drive, a business networking company); to the northeast by Ross Video (office and warehouse located at 95 Hines Rd.), Daltco electric 1979 Ltd. (an electrical supply store located at 95 Hines Rd.), Crank Software/Crank AMETC (software company located at 1000 Innovation Drive), Ambrotek Corp (print shop located at 1000 Innovation Drive, Suite 500) and Hines Rd.; to the east by Innovation Drive, Signiant (software company located at 11 Hines Rd.), Skyworks Solutions, Inc. (corporate office located at 1135 Innovation Drive), Sectigo (corporate office located at 1125 Innovation Drive) and Hines Rd.; to the south by Innovation Drive, Monk Environmental Park, Richcraft Soccer Field and Basketball Court, Trillium Woods Park and railroad tracks; and to the west by Innovation Drive, Innovation Skate Park, Richcraft Recreation Complex, Trillium Woods Park and Terry Fox Drive.

The nearest water body to the subject property is Shirley's Brook which is found approximately 300 m to the east/southeast.

1.1.1 Objective

Cisco is proposing the construction of a new standalone building on the subject property with a total area of approximately 800 m². The primary purpose of the new facility is to accommodate essential cooling, mechanical, and electrical infrastructure that supports ongoing and future operations at the subject property.

Given the nature of the proposed development, including excavation and infrastructure installation for high capacity electrical and mechanical systems, it is essential to confirm that the environmental conditions of the subsurface are suitable for development. This Phase I ESA will ensure that potential contamination risks are identified and appropriately managed to safeguard both human health and the environment, and to satisfy municipal and provincial planning requirements.

1.2 Scope of Work

This Phase One ESA was prepared to meet the general requirements set out under O. Reg. 153/04. A Phase One ESA is a preliminary environmental screening tool designed to provide a qualitative assessment of the environmental condition of a site. The objectives of the Phase One ESA are to identify and document: areas of potential environmental concern (APECs), areas of environmental concern (AECs), and/or potential off-site sources (POSS) of contamination; and, contaminants of potential concern (COPCs) and/or contaminants of concern (COCs) that could be present at, or near, the subject property as a result of current or historical land uses or development activities.

Arcadis' scope of work included the following:

Review of User-provided Information: Arcadis requested and reviewed documents and information provided by the User.

- The User of this Phase One ESA is Cisco.

Review of Physical Setting Resources: Arcadis reviewed Ontario Geological Survey (OGS) surficial geology and bedrock maps to obtain information on soils and bedrock at the subject property, and the Ontario Make a Map website to determine if there are any wetlands on or in the vicinity of the subject property.

Review of Government Records: Arcadis submitted a Freedom of Information (FOI) request to the Ontario MECP for records that the MECP has on file for the subject property.

Review of Historical Records: Arcadis reviewed the subject property history through interviews and a review of aerial photographs, topographic maps, city directories, fire insurance plans (FIPs), ERIS databases, and ownership records (as available).

Site Reconnaissance: Arcadis completed a site reconnaissance to visually observe exterior areas and accessible interior common areas and representative occupant spaces. Arcadis did not look under floors, above ceilings, or behind walls. Adjacent properties and the surrounding area were viewed from the subject property and/or from publicly accessible properties or rights-of-way.

- Ms. Miracle Oyewale of Arcadis performed the site reconnaissance on September 10, 2025.

Interviews with Owners, Operators, and Occupants: Arcadis interviewed Mr. Jason Callery and Mr. Jody Pette, Facility Managers, during the site reconnaissance.

Interviews with Local Government Officials: Arcadis interviewed government officials via submission of a Freedom of Information (FOI) request regarding the subject property.

Evaluation and Report: This Phase I ESA Report summarizes and documents the Phase I ESA.

The scope of work for the Phase I ESA also included the following:

- A cursory visual observation for apparent wetland areas in accessible exterior areas of the subject property and review of readily available wetlands information to identify wetlands that have been previously delineated and/or reported to be present on the subject property.

A high-level assessment to identify current or historical use, storage, or disposal of PFAS at the subject property, and a review of the ERIS Report to identify known releases of PFAS at adjoining or surrounding properties that are likely to impact the subject property. Arcadis notes that the search radius of PFAS-related database information may not be suited to fully evaluate the potential for PFAS impacts from off-property sources.

The scope of work for this Phase One ESA did not include the collection or analysis of soil, water, air, other environmental media, transformer/electrical fluids, asbestos containing material (ACM), other building materials, or other samples.

2 Subject Property Setting and Description

The Phase One Property is currently occupied by two two-storey buildings that encompass two municipal addresses, 2000 and 3000 Innovation Drive. The buildings, believed to be constructed in the late 1990s or early 2000s, have a total area of approximately 10,000 m² and includes office spaces, storage rooms, computer laboratories, electrical and mechanical rooms, and several smaller structures including a concrete building, a gazebo and a gardening shed.

A number of transformers and a diesel generator with three diesel storage tanks (housed in the concrete building) were also observed on the property, located north of the building at 3000 Innovation Drive. A transformer was also noted east of the building at 2000 Innovation Drive.

Table 1: Property Information

Site Inquiry	Site Information
Municipal Address	2000 and 3000 Innovation Drive, Ottawa, ON
Current Zoning	Commercial/Industrial
Property Identifier Numbers (PIN)	04518-0077, 04518-0103, 04518-0104, 04518-0105, and 04518-0109
Legal Description	Block 3 and Part of Block 11, Registered Plan 4M-1075 and Part of Block 5, Registered Plan 4M-1104, City of Ottawa
Area	78,358 m ² (7.8358 ha)
Property Owner	Cisco
Contact Person for Owner	Mike Casey
Person Who Engaged Qualified Person	Susan Patrick (Cisco)

The location and outline of the subject property boundary is shown on the accompanying **Figure 1** (Site Location) and **Figure 2** (Site Plan). A list of Acronyms can be found on page (vii) for reference purposes.

The main contact for the subject property is:

Ms. Susan Patrick
Environmental Program Manager
CISCO
600 Vine Street, Suite 1400
Cincinnati, OH, 45202

2.1 Utilities

A. Water and Sewer Services

The Phase One Property is fully serviced by municipal infrastructure. Potable water is supplied through the City of Ottawa's municipal water distribution system, while wastewater is discharged to the municipal sanitary sewer. The subject property also includes stormwater management features, with runoff collected via surface storm receptors and catch basins distributed throughout the subject property. Collected stormwater is directed into the municipal storm sewer system.

B. Fuel and Storage Systems

The building at 3000 Innovation Drive is equipped with a standby diesel generator to maintain operations during electrical outages. Diesel fuel for the generator system is stored in three above-ground storage tanks (ASTs), each with a capacity of approximately 800 gallons. The ASTs are double-walled, steel-constructed units that were installed in 2001 by Touromont. At the time of the site reconnaissance, the tanks were observed to be in excellent condition, with no visible signs of leakage or deterioration.

C. Stormwater Management

Surface runoff at the subject property is managed through a stormwater collection network. Storm receptors and catch basins convey surface water to the municipal storm sewer system, reducing the potential for on-site ponding or uncontrolled discharge.

2.2 Heating and Cooling

Electrical power to the subject property is provided by several 2500 kilo Volt Ampere (kVA) pad-mounted on-site hydro transformers that distribute electricity throughout the buildings. At the time of the site reconnaissance, the property was undergoing significant heating system upgrades. Transformers were present north of the building at 3000 Innovation Drive and east of the building at 2000 Innovation Drive. Natural gas appliances, such as domestic water heaters, were being phased out and replaced with electrical alternatives, reflecting a transition toward more sustainable building systems.

Heating, ventilation, and air conditioning (HVAC) are provided by rooftop mechanical systems. Refrigerants confirmed within the equipment include chlorofluorocarbons (CFCs) and hydrofluorocarbons (HFCs), specifically R-134a, R-404, R-22, and R-12. Refrigerants such as CFCs and R-22 are an environmental concern due to their ozone-depleting potential.

2.3 Operations

No Site Operating Records related to Cisco's former or current operations at the Phase One Property were provided to Arcadis for review.

2.4 Physical Setting

2.4.1 Topography, Hydrogeology

The subject property is at an elevation of approximately 88 metres above sea level (m asl). During the site visit, the topography at the subject property was noted to be relatively flat. As the majority of the subject property is either paved or covered in grass and landscaped areas, it is expected that storm water accumulations on the subject

property would drain towards the grassed and landscaped areas as well as to stormwater drains in the paved parking lots. The nearest water body to the subject property is Shirley's Brook which is located approximately 300 m to the east/southeast. A review of The Atlas of Canada's Toporama online map for the subject site and surrounding area shows Shirley's Brook to the east/southeast of the subject property, as well as unnamed creeks to the north/northwest. The creeks flow in a northeasterly direction towards a wetland which eventually drains into Shirley's Bay and the Ottawa River located north of the subject property. It would be anticipated that local groundwater would flow to either to the southeast, east or north/northeast at the subject property towards these creeks. As stated in Section 4.9, the groundwater flow direction immediately west/northwest of the subject property has been reported to be to the north/northeast, ultimately towards Shirley's Bay, and a similar groundwater flow direction is anticipated for the subject property.

Based on the presence of the native silts and clays, groundwater flow rates would be expected to have a low hydraulic conductivity value approaching 10^{-6} cm/s.

2.4.2 Geology

The subject property is located in the March Township area of the Ottawa Valley. It is located in the physiographic region of Southern Ontario known as the St. Lawrence Lowlands, as delineated in The Atlas of Canada (Natural Resources Canada, atlas.gc.ca, 2006 – Canada Physiographic Regions Map). The Lowlands are characterized by plain-like areas. They were affected by the Pleistocene Glaciation and the subsequent Champlain Sea which was fed by the retreating glaciers. They are covered by surficial deposits, consisting mostly of pulverized rock and other fine geological material, and features associated with glaciers.

Based on the Ontario surficial geology map (Ontario Geological Survey (OGS)), surficial geology in the area of the subject property consists of fine-textured glaciomarine deposits of silt and clay, minor sand and gravel.

Based on the Ontario bedrock geological map (OGS) bedrock in the area of the subject property consists of dolostone and sandstone belonging to the Beekmantown Group.

Three water well records were found within March Township (Kanata), Lot 8 Concession 3, immediately south of the subject property. Entries indicate that brown and grey clay was found to a maximum depth of 5.2 m below grade with underlying bedrock comprising the Ottawa Formation limestone (with some shaly partings and some sandstone in the basal part), which is located at depths ranging between 5.2 to 24.4 m below grade in the vicinity of the subject property.

2.4.2.1 Surface Water

The Ministry of Natural Resources (MNR) Atlas of Canada's Toporama online map was reviewed for the subject property and surrounding area. The nearest water body to the subject property is Shirley's Brook, which is located approximately 300 m to the east/southeast. The Toporama shows additional unnamed creeks located to the north/northwest (less than 100 m from the subject property), however, these creeks were not observed during the site visit. It is possible that these creeks were redirected underground during development of the area. The surrounding creeks flow in a northeasterly direction towards a small wetland (approximately 500 m northeast of the subject property) which eventually drains into Shirley's Bay located north of the subject property. It is anticipated that local groundwater flow is either to the southeast, east or north/northeast at the subject property (towards these creeks).

2.4.2.2 Wetlands

A search was undertaken to determine the presence of any Areas of Natural and Scientific Interest (ANSI) on or in the vicinity of the subject property. The nearest ANSI is Shirley's Bay, a Provincially Significant ANSI located approximately 2 km northeast of the subject property. There are no ANSIs within 250 m of the subject property.

2.4.3 Hydrogeology

Groundwater flow is presumed to flow generally to the northeast towards Shirley's Bay and the Ottawa River. No previous environmental investigation reports were provided to confirm local groundwater flow direction, however, previous work undertaken at the former March Landfill located immediately west/northwest of the subject property reported groundwater flow to be to the north and northeast (Section 4.9). However, it should be noted that shallow ground water flow direction may be locally influenced by foundations, service trenches, and subsurface drainage conditions.

3 Subject Property History

3.1 First Developed Use Determination

Based on a review of the available aerial photographs, the subject property was historically used for agricultural purposes prior to at least 1994. Based on a review of the title search information, the PINs that comprise the subject property were transferred to Cisco in December 2000. A 2001 aerial photograph shows the presence of two large buildings on the subject property. These commercial buildings are in the same configuration as the buildings (2000 and 3000 Innovation Drive) that currently occupy the subject property. Based on the above information it is anticipated that the subject property was first developed for its current commercial use sometime between 1994 and 2001.

3.2 Historical Information Sources

A list of the sources reviewed is presented below. Additional details regarding the records (such as the names of the publishers, titles of the publications, and years of publication for city directories, business directories, and historical maps; the names of the entities that produced aerial photographs, and dates or years that the photographs were taken) are included in the appended documents.

A historical aerial photographs search was conducted by Ecolog ERIS for the subject property and adjacent properties for the years 1964, 1973, 1987, 1994, 2001, 2008 and 2025. The aerial photographs were reviewed and observations pertaining to current and historical land uses for the subject property and surrounding properties are summarized in Table 2 below. Copies of the aerial photographs are provided in **Appendix B**.

Table 2. Historical Information Sources Aerial Photographs and Satellite Imagery

Year	Source	Description
Aerial photographs and satellite imagery (Appendix B)		
1964	National Air Photo Library	<ul style="list-style-type: none"> - The subject property is vacant and appears to be used for agricultural purposes. - The surrounding lands to the north, east, south and west appear to comprise mainly farmed land. - A forested area is present to the south and west. - Railroad tracks (running east-west) are visible approximately 500 m south of the subject property, south of the forested area. - One building (possibly a farmhouse) and a few other small structures are visible southeast of the subject property.
1973	National Air Photo Library	<ul style="list-style-type: none"> - No significant changes to the subject property or surrounding properties were observed from the previous (1964) photograph, with the exception of some development (several buildings and roads) which has occurred approximately 400 m southeast of the subject property. - A creek is visible south of the subject property.

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1987	National Air Photo Library	<ul style="list-style-type: none"> - No significant changes to the subject property as it appears to continue to be used as agricultural land. - Surrounding properties appear to be in a similar configuration as in the 1973 photograph, with some additional development occurring 400 m south (a baseball diamond and some development south of the baseball diamond), 400 m southeast, and 300-400m north/northeast (some earth scraping and new roads) of the subject property.
1994	National Air Photo Library	<ul style="list-style-type: none"> - No significant changes to the subject property from the previous (1987) photograph. - A residential neighbourhood is present approximately 300 m north of the subject property and additional development (buildings and roads) has occurred northeast and southeast of the subject property.
2001	National Air Photo Library	<ul style="list-style-type: none"> - The subject property appears to be in a similar configuration to present conditions. Two large buildings are present and the surrounding paved lots to the south and east appear to be under construction. - The farmhouse southeast of the subject property does not appear to be present. - Additional development (buildings and roads) has occurred northeast, east and southeast of the subject property. - One large building (similar in size to the buildings on the subject property) is present immediately northwest of the subject property (at 4000 Innovation Drive). - The area immediately north of the subject property remains undeveloped.
2008	Government of Ontario	<ul style="list-style-type: none"> - The subject property appears to be in a similar configuration to present conditions. Paved parking areas are visible south and east of the two buildings and some additional parking and landscaping appears to be present immediately north of the eastern building. - The surrounding properties appear to be in a similar configuration as in the 2001 photograph.
2025	Maxar Technologies	<ul style="list-style-type: none"> - The subject property appears to be in a similar configuration to present conditions. - Development (buildings and roads) has occurred immediately north of the subject property. - The surrounding properties are observed to be relatively unchanged from the previous (2008) photograph other than commercial/industrial buildings that are now visible observed to the immediate north of the subject property.

Based on the aerial photograph review, no environmental concerns were observed in relation to the subject property.

Typical agricultural crops for eastern Ontario include soybeans, corn, oat, barley, alfalfa, hay, and mustard. It is not known which specific crops would have been grown at the subject property historically. It is likely that associated with any such crops, some variety of pesticide product may have historically been applied to prevent crop loss or damage. It would be expected that the heaviest usage of such chemicals would have occurred in the 1960s or 1970s. Typically, pesticides reside in the upper layers of topsoil following application, and it is anticipated that this layer was stripped during development of the subject property.

The following additional sources of historical and regulatory information were consulted to obtain information on areas of actual and/or potential environmental concern pertaining to the subject property:

- A Historic Land Use Inventory (HLUI) request was made by Arcadis to the City of Ottawa, to determine if the City of Ottawa has maintained a file with respect to the subject property. A response from the City dated was received on October 15, 2025, and the results are discussed in Section 4.8 and a copy of the information received is provided in **Appendix F**.
- Arcadis previously retained the services of ERIS to conduct a review of city directories to assess the occupancy history of the subject property and select surrounding properties. City directory listings for the subject property for the years 1991, 1993-94, 2000, 2006-07, 2012, 2017, 2021, and 2023 were reviewed. City directory listings are based on voluntary responses from property owners and/or occupants. As such, a non-response or non-listing of an address does not infer that the subject property was vacant or unoccupied at that time. The complete results of the search are presented in **Appendix H**.
- Arcadis retained the services of ERIS to obtain copies of FIPs, inspection reports and site plans related to the subject property. The results are discussed in Section 4.4 and a copy of the information received is provided in **Appendix C**.
- The FOI office of the MECP was contacted on September 30, 2025, to determine if the MECP has maintained a file with respect to the subject property. Specifically, the MECP was asked what information they had regarding historic spills, orders, investigations/prosecutions, complaints, and other environmental concerns (general correspondence, occurrence reports, abatements) with respect to the subject property. A response from the MECP was received on October 3, 2025 confirming that our request had been received. The results are discussed in Section 4.5 and a copy of any information received is provided in **Appendix E**.
- Various federal, provincial, and private databases were searched by ERIS. A summary of listings for the subject property and properties within 250 m from the centre of the subject property was provided to Arcadis. The results are discussed summarized in Table 2: Summary of ERIS Database Search Results at the rear of this report and the ERIS report is provided in **Appendix G**. It is noted that search results presented in Table 2 only include records that were deemed relevant to the subject property. Records that were deemed not to be relevant to the subject property, due to either distance from the subject property or location (i.e. downgradient), were not included in the Table 2 summary.

3.3 Prior Environmental Assessments, Investigations, and Events

Arcadis was not provided with any previous environmental reports for the subject property.

4 Subject Property Regulatory Database Information

4.1 Phase One ESA Study Area Determination

The Phase One ESA study area, as defined in O. Reg. 153/04, as amended, comprises lands that are located within 250 m of the subject property limits. These lands, due to their proximity to the subject property, were assessed to determine if PCAs have occurred or are currently occurring that may impact the subject property. APECs associated with the PCAs were then identified and documented. The Phase One ESA study area may be expanded beyond the 250 m limit at the discretion of the Qualified Person (QP) in accordance with O.Reg. 153/04, as amended, if the need is determined to include additional properties where a particular past or current site use represents a potentially contaminating activity or potential area of environmental concern to the subject property. O.Reg. 153/04, as amended, requires that the limits of the Phase One ESA study area be determined in regard to its interpreted limits beyond the 250 m distance to account for such circumstances.

The majority of the lands beyond the 250 m limit to the north, west and east of the subject property were and continue to comprise office buildings. Land to the south of the property comprises of a Hydro Ottawa easement and recreation complex.

The limits of the Phase One ESA study area are shown on **Figure 2** attached at the rear of the report.

A recent Plan of Survey was commissioned for the subject property, a copy of which is attached in **Appendix I**. The Surveyor's Real Property Report was prepared by Mr. Travis Hartwick for 2000 and 3000 Innovation Drive, Block 3 and Part of Block 11 and Part of Block 5, as completed on July 25, 2025. The boundary of the Phase One ESA study area is shown on the Plan of Survey.

4.2 City Directories

Arcadis retained the services of ERIS as part of the Phase One ESA to conduct a review of city directories to assess the occupancy history of the subject property and select surrounding properties. City directory listings for the years 1991, 1993-1994, 2000, 2006-2007, 2007, 2012, 2017, 2021 and 2023 were reviewed. City directory listings are based on voluntary responses from property owners and/or occupants. As such, a non-response or non-listing of an address does not infer that the subject property was vacant or unoccupied at that time.

Noteworthy information obtained from the 2025 city directory search are presented in **Appendix H**.

4.3 Land Title Information

Land title information for the subject property was obtained from an online database search of the READ Abstracts Limited system for data compiled using recorded plans and documents. A printout of the property identifier and legal description was obtained but does not constitute a full title search in the legal sense. The property is legally described as:

Block 3 and Part of Block 11, Registered Plan 4M1075 and Part of Block 5, Registered Plan 4M1104, City of Ottawa, being all of PINs 04518-0077, 04518-0103, 04518-0104, 04518-0105, and 04518-0109

PIN 04518-077 was transferred from the Crown to John B. Monk in 1832. This parcel was transferred privately numerous times until it was transferred to Fairfield Investments Limited in 1961. In 1964 the land was transferred to William Teron Limited (later became Kanata Developments Limited and later Campeau Corporation). Additional

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transfers occurred in 1989 (to Sils-Hines Developments Inc.), in 1997 (to 786473 Ontario Limited which became Northtech Land Development Inc. (Northtech) in 2000), and in 2000 (to Northtech CS Inc., which later changed its name back to Northtech Land Development Inc. in 2000). This parcel was leased by Northtech Land Development Inc. to Cisco Systems Co. (Cisco) in April 2000 and then transferred to Cisco in December 2000. In 2012 Cisco changed their name to Cisco Systems Canada Co./Les Systemes Cisco Canada Cie (Cisco).

PINs 04518-104 and 04518-105 (Lots 8 and 9, Concession 3) were transferred from the Crown to John B. Monk in 1832 (Lot 9, Conc. 3) and to George Morgan in 1837 (Lot 8, Concession 3). By 1897 George W. Monk owned both lots (Lots 8 and 9, Conc. 3). The land was transferred several more times privately before being owned by George B. Monk in 1960. George B. Monk then transferred a portion to Mic Mac Realty (Ottawa) Limited in 1960 and the other part was transferred to Fairfield Investments Limited in 1961. In 1963 Mic Mac Realty transferred their portion to James C. Samis and Clarence Kilgour who then transferred it privately to four individuals as a partnership property in 1971. In 1972 these four individuals transferred their part to South March Developments Limited, which went into trust in 1973 (Celso Grassone) and then in trust to Fussen Investment (Ontario) Inc. in 1974 until it was transferred to 786473 Ontario Limited in 1997. In 1964 Fairfield Investments Limited transferred their portion to William Teron Limited, which was transferred to the Corporation of the City of Kanata in 1966, to Campeau Corporation in 1979, to Sils-Hines Developments Inc. in 1989 and to 786473 Ontario Limited (later Northtech) in 1997. In December 2000 these PINs were transferred to Cisco.

PIN 04518-109 was transferred from the Crown to John B. Monk in 1832. This parcel was transferred privately numerous times until it was transferred to Fairfield Investments Limited in 1961. In 1964 the land was transferred to William Teron Limited (later became Kanata Developments Limited and later Campeau Corporation). In 1966 a portion was transferred to The Corporation of the City of Kanata, which was then transferred to 786473 Ontario Limited (later Northtech) in 1999. The other portion was transferred in 1989 (to Sils-Hines Developments Inc.), in 1997 (to 786473 Ontario Limited which became Northtech Land Development Inc. (Northtech) in 2000), and in 2000 (to Northtech CS Inc., which later changed its name back to Northtech Land Development Inc. in 2000). Northtech then transferred this PIN to Cisco in December 2000.

Based on the title search the current owner is Cisco Systems Canada Co./Les Systemes Cisco Canada Cie, and they have owned the entire property since December 2000. None of the previous owners or their related activities have been identified as PCAs.

Results of the historical land title search can be found in **Appendix F**.

4.4 Fire Insurance Plans, Inspection Reports & Subject Property Plans

ERIS was contacted and requested to review their files for any information available for the subject property located at 2000 and 3000 Innovation Drive. ERIS was unable to locate any fire insurance plans, sketches or reports with historical coverage for the subject property within their files. The response from ERIS to our inquiry into files related to the subject property can be found attached in **Appendix C**.

4.5 MECP – Freedom of Information Office

The FOI office of the MECP was contacted on September 30, 2025, to determine if the MECP has maintained a file with respect to the subject property. Specifically, the MECP was asked what information they had regarding historic spills, orders, investigations/prosecutions, complaints, and other environmental concerns (general correspondence, occurrence reports, abatements) with respect to the subject property. A response from the MECP dated October

31, 2025, was received and records related to the subject property provided. The records provided indicate the existence of one (1) standby diesel fuelled generator set at 2000 Innovation Drive and two (2) standby diesel fuelled generator sets at 3000 Innovation Drive. A copy of the correspondence is provided in **Appendix E**.

4.6 ERIS Database Report

Arcadis contracted the services of ERIS to conduct a search of their federal, provincial and private sector databases for information on the subject property and surrounding area (i.e. 250 m from the limits of the subject property). The complete ERIS report, including a brief description of each of the databases searched for this Phase I ESA, is included in **Appendix G**. A summary of the noteworthy findings (i.e., the subject property and inferred downgradient and adjacent properties) as identified during the review of the ERIS report is provided in Table 2 (rear of report).

Potentially contaminating activities (PCAs) on off-site properties inferred to be located downgradient and/or cross gradient to the subject property are not interpreted to represent a potential environmental concern to the subject property and are therefore not included in Table 2 (rear of report).

4.7 Brownfield Registry

The MECP Brownfields Registry was searched and all record of site conditions (RSC) located within one kilometer of the subject property were examined. No information was returned with environmental relevance to the subject property.

4.8 Historic Land Use Inventory (HLUI)

A Historic Land Use Inventory (HLUI) request was made by Arcadis to the City of Ottawa, to determine if the City of Ottawa has maintained a file with respect to the subject property. A response from the City was received on October 15, 2025. The letter indicated that no records were found in the Sewer Use Program, Solid Waste Services or at the City's Environmental Remediation Unit, however, it was noted that the subject property is near a former Environmental Risk Management Area (ERMA) for which an HLUI summary report and map was provided. The reference map shows that the northern portion the subject property is located within an ERMA and there is an HLUI Area Feature in the western half of the subject property. The following information was also provided:

"The historic March Landfill operated in this area from 1963 to 1974. There is known groundwater contamination (chlorinated solvents) that extends about 1.5 km from the former March Landfill. Special consideration should be given for projects involving management of groundwater (i.e. contact w/ groundwater, pumping and/or dewatering)."

The information obtained from the HLUI request is provided **Appendix F**.

4.9 Landfills

Arcadis reviewed information available from the City of Ottawa's Former Landfills online database (<https://open.ottawa.ca/datasets/former-landfills/explore>) to evaluate the presence of active and/or closed waste disposal sites located in the immediate vicinity of the subject site. One landfill, known as the March Landfill or 2nd Line Rd. Dump, was formerly present approximately 1.5 km west/northwest of the subject property. The following information was reported for this landfill:

- Operated from 1960 until 1973.

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- The landfill was separated into two parts: #A460301 (Class A6) and #X9010 (Class A8), where Class A sites are deemed to have the potential to impact human health.
- Accepted domestic, commercial, agricultural, industrial and other wastes.
- Covered in 1974.
- Waste thickness ranged from 1.5 to 2.3 m.
- Groundwater flow direction: north and northeast. Depth to groundwater is less than 4 m.
- Immediately adjacent to water on east, south and west sides. These areas drain into creeks which ultimately drain into Shirley's Bay.
- Residential neighborhood to the north/northeast.
- Groundwater impacts (trichloroethylene (TCE) and its related breakdown products) have been identified. Plume extends in a northeasterly direction and is estimated to have migrated 1.5 km and be 350 m wide in the bedrock.
- Depth to bedrock on-site is approximately 8 m, with bedrock at surface in some surrounding areas.
- Methane detected in winter in excess of the Lower Explosive Limit (LEL), however, the potential for off-site migration is considered to be low. New buildings in the vicinity of the landfill are not recommended.

4.10 Technical Standards and Safety Authority (TSSA) – Fuel Safety Division

The Ecolog ERIS included a search for the subject property and properties within the Phase One Study Area which have registered fuel storage tanks. No fuel related records were identified in the Ecolog ERIS report. The TSSA search is provided in **Appendix G**.

4.11 Fill Material

No records were available pertaining to the presence of fill material at the subject property. It is anticipated that fill material was brought to the Phase One Property during its construction and development. The source, quantity and quality of fill material is not known. The possible presence of fill material of unknown quality on the subject property is considered to be a PCA.

5 Site Reconnaissance

After reviewing available records, Arcadis completed a site reconnaissance on September 10th, 2025. The manager of the Phase One property granted Arcadis access to the entire property. The site reconnaissance was conducted by Ms. Miracle Oyewale from approximately 9:00 am to 2:00 pm. At the time of Arcadis' site reconnaissance, the weather was sunny and clear with temperatures ranging from approximately 15-22 degrees Celsius.

Arcadis conducted observations of the entire Phase One study area by walking through the entirety of the area.

Photographs of the Phase One property showing site features are presented in **Appendix A**.

5.1 Specific Observations at the Phase One Property

At the time of the site reconnaissance, the subject property was occupied by two large commercial buildings situated at 2000 and 3000 Innovation Drive, with a combined total floor area of approximately 10,000 m². These structures, anticipated to have been constructed in the late 1990s or early 2000s, have historically supported a range of technological functions. The internal building configuration consists of general office areas, conference rooms, computing and research laboratories, storage spaces, electrical and mechanical service rooms, as well as ancillary structures including a gardening and maintenance shed.

The exterior of the property is covered largely by asphalt-surfaced parking areas, and landscaped areas consisting of rock, grass and low-lying vegetation. Paved parking areas are maintained in the winter time using snow ploughs and de-icing salt. The ground surface at the subject property is relatively uniform and flat and vehicular and pedestrian access to the subject property is gained directly via three entrances from Innovation Drive. Innovation Drive ends at Terry Fox Drive to the northwest, a major arterial roadway within the Kanata North Business Park. The subject property is not gated or fenced and as such there is unrestricted access to the property by the general public.

The ground cover was noted to be primarily asphalt surfaced surrounding the subject property buildings with long grass and partially landscaped boundaries on the edges of the parking lot areas. A grass sports field is located in the northern corner of the subject property, north of the parking areas, and grass/treed landscaped areas with brick lined pathways are present north/northwest of the two on-site buildings. The surface of the parking lots appeared to be in good condition as at the time of visit. No evidence of stressed vegetation or significant staining was noted, and no unidentified substances were observed during the site reconnaissance. There were no exposed fill areas observed during the site reconnaissance. It is anticipated that fill material was brought to the subject property during construction and development. The source, quantity and quality of the fill material is, however, unknown.

5.1.1 Site Buildings and Structures

The Phase One Property is currently occupied by two two-storey buildings with the municipal addresses of 2000 and 3000 Innovation Drive. The buildings, believed to have been constructed in the late 1990s or early 2000s, are of similar shape and are constructed of precast concrete and glass. Both buildings are accessed via paved driveways from Innovation Drive, and each building has two loading docks which are operated using hydraulic lifts. The buildings are connected by a ground level bridge. The subject property occupies a total area of approximately 78,358 m² (7.8358 ha) and includes office spaces, storage rooms, computer laboratories, electrical and mechanical rooms, several smaller exterior buildings including a concrete building housing three diesel ASTs (northwest of the 3000 Innovation Drive building), a gardening shed (north of the building at 2000 Innovation Drive) and a gazebo, a sports field, paved parking areas and landscaped areas. The gardening shed is a metal building with a concrete slab floor. The shed is used for storage of various outdoor maintenance items, including a lawnmower, trimmer

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and a snowblower, as well as plant pots, hoses, various outdoor tools and small miscellaneous items. No staining or concerns were observed during the site reconnaissance.

Interior finishes consist of vinyl flooring in some sections and carpeting in others; no evidence of floor staining or surface deterioration was observed during the site visit. Lighting throughout the building is provided by LED fixtures operating on a 600-volt system. Heating, ventilation, and air conditioning (HVAC) are supplied through rooftop mechanical units.

Several transformers and a diesel generator area were also observed on the subject property. While no evidence of stressed or impacted vegetation was noted during the reconnaissance, the presence of this equipment may represent a potential source of environmental concern if leaks or spills were to occur.

At the time of the site visit two loading docks were observed at each building. The loading docks were located on the northeast side of 2000 Innovation Drive and on the northwest side of 3000 Innovation Drive. The loading docks were noted to be fitted with hydraulic lifts.

A sprinkler cage room located at the loading docks at 3000 Innovation Drive was observed to contain compressors utilizing oil for the dry sprinkler system. Arcadis noted that these compressors are situated in close proximity to a floor drain connected to the sewer.

5.1.2 Observations of Off-Site Properties within Phase One ESA Study Area

A description of properties surrounding the subject property is provided below:

- North: a row of trees followed by a parking area and several buildings associated with Ciena Corporation (383 and 385 Terry Fox Drive and 5050 Innovation Drive), a business networking company; Terry Fox Drive; residential neighborhood northwest of Terry Fox Drive.
- Northeast: Ross Video (office and warehouse located at 95 Hines Rd.); Daltco electric 1979 Ltd. (an electrical supply store located at 95 Hines Rd.); Crank Software/Crank AMETC (software company located at 1000 Innovation Drive); Ambrotek Corp (print shop located at 1000 Innovation Drive, Suite 500); Hines Rd.
- East: Innovation Drive; Signiant (software company located at 11 Hines Rd.); Skyworks Solutions, Inc. (corporate office located at 1135 Innovation Drive); Sectigo (corporate office located at 1125 Innovation Drive); Hines Rd.
- South: Innovation Drive; Monk Environmental Park; Richcraft Soccer Field and Basketball Court; Trillium Woods Park; railroad tracks.
- West: Innovation Drive; Innovation Skate Park; Richcraft Recreation Complex; Trillium Woods Park; Terry Fox Drive.
- Northwest: Mitel (a telecommunications service provider located at 4000 Innovation Drive); Solace (a software company located at 4000 Innovation Drive); followed by Innovation Drive; OC Transpo Park and Ride parking lot; and several restaurants (Starbucks, Burrito Gringo, St. Louis Bar and Grill).

PCAs identified on neighbouring properties include the application of road salt and potential presence/use/storage of hazardous materials, however, these could not be confirmed as all neighbouring properties were viewed from publicly accessible areas only.

6 Operational Environmental Matters

6.1 Material Handling and Storage

6.1.1 Aboveground Storage Tanks

Adjacent (north) of the building at 3000 Innovation Drive is a smaller building which contains three above-ground storage tanks (ASTs), each with a capacity of approximately 800 gallons. The tanks are used to store diesel fuel for the standby emergency generator system.

6.1.2 Underground Storage Tanks

There are no known active, inactive, or abandoned fuel underground-storage tanks (USTs) on the subject property.

6.1.3 Other Material Handling and Storage

The subject property contains a gardening shed used for the storage of small gas-powered maintenance equipment. In addition, a sprinkler cage room houses compressors utilizing oil for the dry sprinkler system. These compressors are situated in close proximity to a floor drain connected to the sewer, with an oil/water separator in service to manage potential discharges.

The presence of the oil/water separator and the ASTs/generator are considered to be PCAs for the subject property.

6.2 Solid Waste

6.2.1 Hazardous Material

Thomlinson Waste & Recycling Management collects on-site (hazardous) waste. No environmental concerns were noted during the site visit.

6.2.2 Non-Hazardous Waste

All domestic waste, recycling, wood, and cardboard is placed into designated waste lugger bins which is picked up and removed off-site by Thomlinson Waste & Recycling Management. No environmental concerns were noted during the site visit.

6.2.3 Solid Waste Disposal on the Subject Property

Solid waste is not reported to have been disposed on the subject property.

6.3 Water, Wastewater and Storm Water

The subject property is connected to the Ottawa Drinking Water System which sources potable water from the Ottawa River. No other sources of water are used at the subject property. Water use on the subject property was for domestic purposes. There are no other reported uses for water on the subject property.

6.3.1 Wastewater

Wastewater generated at the subject property includes discharges from domestic use and is released to the municipal sewer system. No environmental concerns were noted during the site visit.

6.3.1.1 Drains, Pits and Sumps

A sprinkler cage room is located at 3000 Innovation Drive which houses oil compressors used for the dry sprinkler system. Arcadis noted that there is an oil/water separator (OWS) in place to manage potential discharges from these compressors. No additional information was available pertaining to the OWS.

A sump pump was also noted at the loading dock area, designed to collect accumulated water.

6.3.1.2 Septic Systems and Cesspools

No septic systems and cesspools are located on the subject property.

6.3.1.3 Discharges to Publicly Owned Treatment Works

Wastewater is reported to be directed to the municipal sewer system. No environmental concerns were noted during the site visit.

6.3.1.4 Pits, Ponds and Lagoons

No pits, ponds, or lagoons are located at the subject property.

6.3.2 Storm Water

Storm water either infiltrates to the landscaped areas of the subject property or is directed to the on-site storm water catch basins and sewer system or drainage ditch bordering the property. No environmental concerns were noted during the site visit.

6.4 Hazardous Building Materials and Conditions

6.4.1 Hazardous Materials

Hazardous materials were observed to be stored at the Phase One Property in small quantities consistent with facility operations. These materials include flammable liquids and compressed gases such as ethylene glycol in the pump room and refrigerants associated with rooftop HVAC systems, small propane cylinders, spray cans, and portable gasoline containers. In addition, batteries were noted on-site, which may contain hazardous materials including lead and corrosive electrolytes.

The storage and use of these materials represent potential environmental and health and safety concerns if not managed properly. No evidence of significant spills, leaks, or improper storage practices was observed during the site reconnaissance, and their presence is acknowledged as part of the subject property's hazardous material inventory.

In addition, a janitor's room was identified within the building where hydrogen peroxide and other cleaning agents are stored. It was noted that wastewater and cleaning fluids from this room are discharged to floor drains, which may present a potential pathway for chemical migration if improper disposal or accidental releases occur.

6.5 Other Hazardous Substances and Emerging Contaminants

6.5.1 Polychlorinated Biphenyls

The past use of PCBs in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors was common. The federal Environmental Contaminants Act, (1976), prohibited the use of PCBs in heat transfer and electrical equipment installed after September 1, 1977, and in transformers and capacitors installed after July 1, 1980. In addition, storage and disposal of PCB waste materials is regulated.

Given the recent development of the subject property (late 1990s or early 2000s), the presence of PCBs on the subject property is not anticipated.

6.5.2 Lead

Lead is commonly found in paints, especially if they were produced before 1950. According to Health Canada, paints produced in the 1940s have the potential to contain up to 50% lead by dry weight. The use of lead in paint has decreased significantly since 1950, and in 1976 the lead content in interior paint was restricted to 0.5% by weight under the federal Hazardous Products Act. Subsequently, amendments to the Hazardous Products Act were made based on the Surface Coating Materials Regulations, which came into effect in October 2010, which limited the lead content of paints, enamels and other surface coating materials to 90 milligrams per kilogram (mg/kg) or 0.009 % total lead. Lead is also associated with other products such as plumbing solder, old utility pipes, wall shielding (x-ray rooms) and automobile batteries (i.e., lead acid).

Given the recent development of the subject property (late 1990s or early 2000s), the presence of paint at the subject property with lead concentrations greater than 90 mg/kg or 0.009% is not anticipated.

6.5.3 Per- and Polyfluoroalkyl Substances

PFAS are a large group of emerging contaminants of which Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS) currently are the two most widely regulated compounds. PFAS can be used in a variety of commercial, industrial, and fire-fighting applications and in medical and consumer products. Other potential sources of PFAS include landfills, biosolids, and pulp and paper mill residuals. PFAS have been manufactured and used in various industries around the world since the 1940s. PFOA and PFOS are no longer manufactured in Canada and the 2016 Toxic Substances Regulation prohibits PFAS from being manufactured, used, sold, offered for sale, or imported to Canada with a few exceptions for certain uses including fire-fighting foam, photolithography, and photographic film.

The past use of firefighting foams on the subject property is unknown. Based on Arcadis' review of the sources identified in Section 5, neither current nor historical subject property nor neighbouring property operations appear to include the use of PFAS.

6.6 Indicators of Environmental Impact

6.6.1 Odours

No unusual odours were noted during the site reconnaissance.

6.6.2 Stains and Corrosion

During the site reconnaissance, Arcadis representatives looked for stains and corrosion. No signs of significant staining or corrosion were observed during this assessment.

6.6.3 Stressed Vegetation

During the site reconnaissance, Arcadis representatives looked for areas of stressed vegetation (from other than insufficient water). No areas of stressed vegetation were observed during this assessment.

7 Interviews

As part of the Phase One ESA, interviews were conducted with people knowledgeable about the subject property. The interview process follows a standard procedure and is designed to obtain the information required. As indicated in the Regulation, a knowledgeable person is to be interviewed by a QP or persons working under the direction of the QP. During the interview process, questions concerning the present use of the property and past use, if known, are to be submitted. The following table provides information on the interviews conducted for the subject property and provides a determination of the validity of the information gathered during the process.

Table 3: Summary of Interviews - Mr. Callery

Property Address	2000-3000 Innovation Drive (Kanata), Ottawa, Ontario
Date of Interview	10 September 2025
Location of Interview	At the subject property
Method of Interview	In person
Name of Interviewee	Jason Callery
Relationship of Interviewee of Property	Facility Manager
Property Use	Cisco Systems Canada tech hub and development center
APECs Identified by Interviewer	Storage/handling and/or disposal of solvents, standby diesel generator and associated ASTs, HVAC systems using refrigerants that might pose environmental risks, janitor's room with disposal/drainage of cleaning agents, gardening shed storing petroleum-fueled equipment/products, mechanical and electrical rooms with environmental concerns.
Validity of Information Provided by Interviewee	Reliable – Mr. Callery has been working at the Site since 2003 but became Facility Manager in Feb. 2023.
Previous Site Use (including source of information)	N/A
Interview Summary	<p>Environmental concerns (PCAs) identified on- site during the site walkthrough with Mr. Callery's identified PCAs like:</p> <ul style="list-style-type: none"> - Use, storage, handling and/or disposal of solvent agents. - Maintenance or gardening shed - Use of refrigerants such as CFC 's, R404, R22 and R12 - Standby diesel generator area - Electrical rooms and mechanical rooms with some rusted pump equipment and use of chemicals (i.e. ethylene glycol).

Table 4: Summary of Interviews - Mr. Pette

Property Address	2000-3000 innovation drive, Kanata, Ottawa, Ontario
Date of Interview	10 September 2025
Location of Interview	At the subject property
Method of Interview	In person
Name of Interviewee	Mr. Jody Pette
Relationship of Interviewee of Property	Facility Manager
Property Use	Cisco Systems Canada tech hub and development centre
APECs Identified by Interviewer	Storage/handling and/or disposal of solvent agents, standby diesel generator, HVAC systems using refrigerants that might pose environmental risks, janitors room with disposal/drainage of cleaning agents, gardening shed storing petroleum products, mechanical and electrical rooms with environmental concerns etc..
Validity of Information Provided by Interviewee	Reliable - Mr. Pette has had knowledge of the Site dating back several years.
Previous Site Use (including source of information)	N/A
Interview Summary	<p>Environmental concerns (PCAs) identified on-site during the interview with Mr. Pette:</p> <ul style="list-style-type: none"> - Use, storage, handling and/or disposal of solvent agent. - Use of refrigerants such as CFC's, R404, R22 and R12 - Use of oil for servicing the compressor located adjacent to the floor drain.

8 Conclusions

8.1 Findings and Opinion

At the time of the Phase One Environmental Site Assessment, the subject property located at 2000 and 3000 Innovation Drive was actively occupied and operated by Cisco. The subject property is occupied by two two-storey buildings and is located in a technical hub area within the Kanata North Business Park, a prominent technology hub in Ottawa. The buildings are primarily used for office, research, and development activities, with supporting spaces such as computer laboratories, storage rooms, electrical and mechanical rooms, and ancillary facilities including a concrete AST building and gardening shed.

8.2 Potential Contaminating Activities

8.2.1 On-Site Potentially Contaminating Activities

The Phase One ESA has identified sixteen (16) PCAs associated with current or historical on-site operations at the Phase One Property which may have affected the Phase One Property. Each on-site PCA has resulted in an APEC on the Phase One Property. The on-site PCAs include:

PCA #1: Likely presence of fill material of unknown quality and quantity brought in during development of the subject property. MECP PCA #30: Importation of Fill Material of Unknown Quality.

PCA #2: Presence of one Standby diesel-fueled generator located east of the building at 2000 Innovation Drive. MECP PCA #28: Gasoline Storage in Fixed Tanks.

PCA #3: Presence of two Standby diesel-fueled generators located northwest of the building at 3000 Innovation Drive. MECP PCA #28: Gasoline Storage in Fixed Tanks.

PCA #4: Hazardous waste generator records identified for 2000 Innovation Drive (EcoLog ERIS) represent a potential environmental concern to soil and groundwater at the subject property. MECP PCA #58: Waste disposal and waste management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners.

PCA #5: Hazardous waste generator records identified for 3000 Innovation Drive (EcoLog ERIS) represent a potential environmental concern to soil and groundwater at the subject property. MECP PCA #58: Waste disposal and waste management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners.

PCA #6: Presence of two (2) hydraulic lifts located at the loading docks at the east side of the 2000 Innovation Drive building. MECP PCA # (no code).

PCA #7: Presence of two (2) hydraulic lifts located at the loading docks at the west side of the 3000 Innovation Drive building. MECP PCA # (no code).

PCA #8: Presence of an oil/water separator in the west portion of the building at 3000 Innovation Drive. MECP PCA #58: Waste disposal and waste management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners.

PCA #9: Presence of a number of transformers located north of the building at 3000 Innovation Drive. Potential for leaks and spills of transformer oil. MECP PCA #55: Transformer Manufacturing, Processing and Use.

Phase One ESA

2000 and 3000 Innovation Drive, Kanata, Ottawa, Ontario

PCA #10: Presence of a transformer located east of the building at 2000 Innovation Drive. Potential for leaks and spills of transformer oil. MECP PCA #55: Transformer Manufacturing, Processing and Use.

PCA #11: Historical onsite spill/leak of 113 L of glycol at 3000 Innovation Drive. MECP PCA # (no code).

PCA #12: Historical onsite spill/leak of 265 L of glycol at 3000 Innovation Drive. MECP PCA # (no code).

PCA #13: Historical onsite spill/leak of 100 L of ethylene glycol at the 3000 Innovation Drive. MECP PCA # (no code).

PCA #14: Historical onsite spill/leak of 120 L of non-PCB transformer oil at 3000 Innovation Drive. MECP PCA # (no code).

8.2.2 Off-Site Potentially Contaminating Activities

Off-site PCAs identified in the Phase One study area include:

PCA #15: Historical hazardous waste storage and disposal at 4101 Innovation Drive associated with the former City of Ottawa Facility Operations Services. MECP PCA #58: Waste disposal and waste management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners.

PCA #16: Former March Landfill located west/northwest of the Phase One property. MECP PCA #58: Waste disposal and waste management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners.

A summary of the APECs and potential contaminants resulting from the PCAs listed above is provided in Table 5: Summary of PCAs, APECs and Associated COCs, found in Section 8.3.

8.3 Areas of Potential Environmental Concern

APECs on the Phase One Property were identified as areas where PCAs have taken place or where the effects of off-site PCAs would most likely affect the Phase One Property.

This Phase One ESA identified fifteen (15) APECs relating to current and historical on-site and off-site PCAs. The nature and locations of these APECs are summarized in Table 5 and locations are shown on Figure 4. The APECs that attend the subject property are as follows:

APEC #1: (Entire Phase One Property):

APEC 1 is associated with PCA #1: Importation of fill material of unknown quality and quantity that was brought in during site development (MECP PCA #30). COPCs for soil and ground water include: Metals, Hydride-Forming Metals (Arsenic (As), Selenium (Se), and Antimony (Sb)), Hexavalent chromium (Cr VI), Hot Water Soluble - Boron (HWS-B), Mercury (Hg), Electrical Conductivity (EC), Sodium Absorption Ratio (SAR), pH, Sodium (Na), Chloride, Volatile Organic Compound (VOCs), Petroleum Hydrocarbon (PHCs), and Polycyclic Aromatic Hydrocarbon (PAHs).

APEC #2: (entire building at 2000 Innovation Drive):

APEC 2 is associated with PCA #2: Presence of one Standby diesel-fueled generator at 2000 Innovation Drive (MECP PCA #28). COPCs for soil and groundwater include: Metals, Benzene, Toluene, Ethyl benzene and Xylenes (BTEX), PHCs, VOCs and PAHs.

APEC #3: (entire building at 3000 Innovation Drive):

APEC 3 is associated with PCA #3: Presence of two Standby diesel-fueled generators at 3000 Innovation Drive (MECP PCA #28). COPCs for soil and groundwater include: Metals, Benzene, Toluene, Ethyl benzene and Xylenes (BTEX), PHCs, VOCs and PAHs.

APEC #4: (entire building at 2000 Innovation Drive):

APEC 4 is associated with PCA #4: Hazardous waste generator records at 2000 Innovation Drive (MECP PCA #58). COPCs for soil and groundwater include: Metals, BTEX, PHCs, VOCs/ Semi-Volatile Organic Compound (SVOCs), alcohols and glycols (methanol, isopropanol, ethylene glycol) and PAHs.

APEC #5: (entire building at 3000 Innovation Drive):

APEC 5 is associated with PCA #5: Hazardous waste generator records at 3000 Innovation Drive (MECP PCA #58). COPCs for soil and ground water include: Metals, BTEX, PHCs, VOCs/SVOCs, alcohols and glycols (methanol, isopropanol, ethylene glycol) and PAHs.

APEC #6: (east side of 2000 Innovation Drive building):

APEC 6 is associated with PCA #6: Presence of two (2) hydraulic lifts located at the loading docks at the east side of the 2000 Innovation Drive building (MECP PCA #: no code). COPCs for soil and groundwater include: Metals, BTEX, PHCs, VOCs/SVOCs and PAHs.

APEC #7: (northwest corner of 3000 Innovation Drive building):

APEC 7 is associated with PCA #7: Presence of two (2) hydraulic lifts located at the loading docks at the west side of the 3000 Innovation Drive building (MECP PCA #: no code). COPCs for soil and groundwater include: Metals, BTEX, PHCs, VOCs/SVOCs and PAHs.

APEC #8: (3000 Innovation Drive near loading docks at northwest corner of building):

APEC 8 is associated with PCA #8: presence of an oil/water separator in the vicinity of the hydraulic lifts at 3000 Innovation Drive. (MECP PCA #58). COPCs for soil and groundwater include: Metals, BTEX, PHCs, VOCs/SVOCs and PAHs.

APEC #9: (north of the building at 3000 Innovation Drive):

APEC 9 is associated with PCA #9, the presence of several transformers located north of the building at 3000 Innovation Drive (MECP PCA #55). COPCs for soil and groundwater include: Metals, BTEX, PHCs, PCBs and PAHs.

APEC #10: (east of the building at 2000 Innovation Drive):

APEC 10 is associated with PCA #10, presence of a transformer located east of the building at 2000 Innovation Drive. Potential for leaks and spills of transformer oil (MECP PCA #55). COPCs for soil and groundwater include: Metals, BTEX, PHCs, PCBs and PAHs.

APEC #11: (West Portion of Phase One Property):

APEC 11 is associated with PCA #11: Historical spill/leak of glycol from a roof drain associated with the 3000 Innovation Drive address (exact location not known) (MECP PCA #: no code). COPCs for soil and groundwater include: VOCs and glycols.

Phase One ESA

2000 and 3000 Innovation Drive, Kanata, Ottawa, Ontario

APEC #12: (West Portion of Phase One Property):

APEC 12 is associated with PCA #12: Historical spill/leak of glycol associated with the entire property (2000 & 3000 Innovation Drive address, exact location not known) (MECP PCA #: no code). COPCs for soil and groundwater include: VOCs and glycols.

APEC #13: (West Portion of Phase One Property):

APEC 13 is associated with PCA #13: Historical spill/leak of glycol into the sanitary sewer associated with the 3000 Innovation Drive address (MECP PCA #: no code). COPCs for soil and groundwater include: VOCs and glycols.

APEC #14: (West Portion of Phase One Property):

APEC 14 is associated with PCA #14: Historical spill/leak of non-PCB oil on a concrete pad and into the ground surface associated with the 3000 Innovation Drive address (exact location not known) (MECP PCA #: no code). COPCs for soil and groundwater include: Metals, PHCs, BTEX, PCBs and PAHs.

APEC #15: (entire Phase One Property):

APEC 15 is associated with PCAs #15 and 16: Hazardous waste generator record associated with the former City of Ottawa Facility Operations Service located at 4101 Innovation Drive located upgradient of the subject property (MECP PCA #58) and the presence of the former March Landfill located west/northwest of the Phase One property (MECP PCA # 58). COPCs for soil and groundwater for both PCAs include: metals (including iron, mercury, lead and zinc), BTEX, PHCs, VOCs/SVOCs, PAHs, phenols, cyanide, and PCBs.

Table 5: Summary of PCAs, APECs and Associated COCs

APEC	PCA Code (O. Reg. 153/04)	Potentially Contaminating Activity (PCA)	Location on Site	Area of Potential Environmental Concern (APEC)	Potential Contaminants of Concern (COPCs)
1	30	Unknown fill material	Entire Phase I property	Entire Phase I property	metals, Hydride-Forming metals, HWS-B, Hg pH, VOCs, PHCs, PAHs
2	28	Standby diesel-fueled generator and associated ASTs	2000 Innovation Drive	East of building at 2000 Innovation Drive	metals, BTEX, PHCs, VOCs and PAHs.
3	28	Two standby diesel-fueled generator and associated ASTs	3000 Innovation Drive	Northwest of building at 3000 Innovation Drive	metals, BTEX, PHCs, VOCs and PAHs.
4	58	Hazardous Waste Generator	2000 Innovation Drive	East portion of the Phase I property	metals, BTEX, PHCs, VOCs/ SVOCs, alcohols and glycols and PAHs.
5	58	Hazardous Waste Generator	3000 Innovation Drive	West portion of the Phase I property	metals, BTEX, PHCs, VOCs/SVOCs, alcohols and glycols and PAHs.
6	NA	Hydraulic lift	East side of building at 2000 Innovation Drive	East side of building at 2000 Innovation Drive	metals, BTEX, PHCs, VOCs/SVOCs and PAHs
7	NA	Hydraulic lift	West side of building at 3000 Innovation Drive	West side of building at 3000 Innovation Drive	metals, BTEX, PHCs, VOCs/SVOCs and PAHs.
8	58	Oil/water separator	West side of building at 3000 Innovation Drive	West side of building at 3000 Innovation Drive	metals, BTEX, PHCs, VOCs/SVOCs and PAHs.

Phase One ESA
2000 and 3000 Innovation Drive, Kanata, Ottawa, Ontario

9	55	Transformers	West side of building at 3000 Innovation Drive	Northwest corner of building at 3000 Innovation Drive	Metals, BTEX, PHCs, PCBs and PAHs.
10	55	Transformer	East side of building at 2000 Innovation Drive	East side of building at 2000 Innovation Drive	Metals, BTEX, PHCs, PCBs and PAHs.
11	NA	Historical spill/leaks of 113 L of glycol (April 2024)	Roof drain at 3000 Innovation Drive	Western half of Phase I property	VOCs and glycols.
12	NA	Historical spill/leaks of 265L of glycol (December 2024)	On-Site location not provided	Entire Phase I property	VOCs and glycols.
13	NA	Historical spill/leaks of 100 L of glycol (November 2022)	Sanitary sewer at 3000 Innovation Drive	Entire Phase I property	VOCs and glycols.
14	NA	Historical spill/leaks of 120 L of non-PCB transformer oil (Feb. 2015)	Concrete pad and ground at 3000 Innovation Drive	Northwest of building at 3000 Innovation Drive	metals, PHCs, BTEX, PCBs and PAHs
15	58	Off-Site: Former City of Ottawa Facility Operations Service at 4101 Innovation Drive (southwest of Site)	Entire Phase I property	Entire Phase I property	metals (including iron, mercury, lead and zinc), BTEX, PHCs, VOCs/SVOCs, phenols, cyanide, PCBs and PAHs
	58	Off-Site: Former March Landfill	Entire Phase I property	Entire Phase I property	Metals (including iron, mercury, lead and zinc), BTEX, PHCs, VOCs/SVOCs, phenols, cyanide, PCBs and PAHs

NA = Not Available

8.4 Phase One Conceptual Site Model

A CSM is attached as Figures 3 and 4 which portrays the subject property boundaries and locations of PCAs as well as APECs, respectively.

8.4.1 Validity of the Phase One Conceptual Model

A Phase One ESA was completed for the subject property and available information was collected and reviewed. The sources of this information included historical records (aerial photographs, fire insurance plans, land registry documents and historic environmental reports), accessing numerous public and private databases and interviews with persons knowledgeable of the property. All of the above information was reviewed and compiled in this report, and it is felt that the model is valid.

Some uncertainties exist as to the exact locations of PCAs identified on the subject property and within the Phase One Study Area, and APECs identified on the Phase One Property. Sources of uncertainty in the identification of these PCAs/APECs include:

- Gaps in records obtained during the records review and availability of records for the early years of site development;
- The extent of site knowledge of persons selected for the interviews; and

Phase One ESA

2000 and 3000 Innovation Drive, Kanata, Ottawa, Ontario

- The timing of the site reconnaissance, which provides a snapshot of the conditions of the site at the time of the visit

The sources of information contained in this Phase One ESA have been compiled from various reference materials, including information provided by private, federal and provincial government databases. Although Arcadis has endeavoured to present accurate information, Arcadis cannot and does not provide warranty that the information gathered from outside sources is either fully complete or accurate.

9 CONCLUSIONS AND RECOMMENDATIONS

The Phase One ESA for 2000 and 3000 Innovation Drive identified sixteen (16) PCAs (15 on-site and 2 off-site), including use of salt on parking areas, presence of fill of unknown quality on the entire property, diesel-fueled generator, three above-ground diesel storage tanks (ASTs), hazardous waste generator records, hydraulic lifts, oil/water separator, transformers, historical on-site spills/leaks and the presence of a nearby former landfill. These PCAs have resulted in fifteen (15) APECs. COPCs identified in soil and/or groundwater include one or more of: metals, BTEX, PHCs, VOCs/SVOCs, alcohols and glycols (methanol, isopropanol, ethylene glycol) and PAHs, Hydride-Forming Metals (Arsenic (As), Selenium (Se), and Antimony (Sb)), Hexavalent chromium (Cr VI), Hot Water Soluble - Boron (HWS-B), Mercury (Hg), Electrical Conductivity (EC), phenols, cyanide, Sodium Absorption Ratio (SAR), PCBs, and pH.

No evidence of major spills, staining, or stressed vegetation was observed, and the ASTs were noted to be in good condition.

It is recommended that a **Phase Two ESA** be undertaken to evaluate potential subsurface impacts.

10 References

Geological Survey of Canada map 1425A – Surficial Geology, Ottawa

Geological Survey of Canada map 1508A – Bedrock Geology, Ottawa

Lajoie, Paul G., Clay flows and the formation of bluffs and low terraces on the Ottawa and St-Lawrence ancient and actual river courses, First Edition, 25 March 2001.

Ontario Regulation 153/04 (as amended), Records of Site Condition- Part XV.1 of the Act

Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act- MOECC, 27 July 2009 (as amended 15 April 2011)

Appendices

The appendices can be found at the rear of this report.

Tables



**Table 1 Summary of City Directory Search Results
 2000 and 3000 Innovation Drive, Kanata, Ontario**

Record Address	Approximate Distance to the Site	Occupants	Years	Identified PCAs
SUBJECT PROPERTY				
2000 Innovation Drive	Site	CISCO SYSTEMS (2006-07); CISCO (2012); NO LISTING FOUND (2017-2023)	2006-07, 2012, 2017-2023	RESEARCH & DEVELOPMENT IN BIOTECHNOLOGY
3000 Innovation Drive	Site	ADDRESS NOT LISTED (2006-07); CISCO SYSTEMS (2012); CISCO SYATEMS CANADA CO (2017); CISCO SYSTEMS CANADA CO (2021-2023)	2006-07, 2012, 2017, 2021-2023	COMPUTERS-NETWORKING;OTHER MANAGEMENT CONSULTING SVCS;RESEARCH & DEVELOPMENT IN BIOTECHNOLOGY
Innovation Drive	Site	ADDRESS NOT LISTED	1991, 1993-94, 2000 (street not listed)	NA



Table 2

**Summary of ERIS Database Search Results
2000 and 3000 Innovation Drive, Kanata, Ontario**

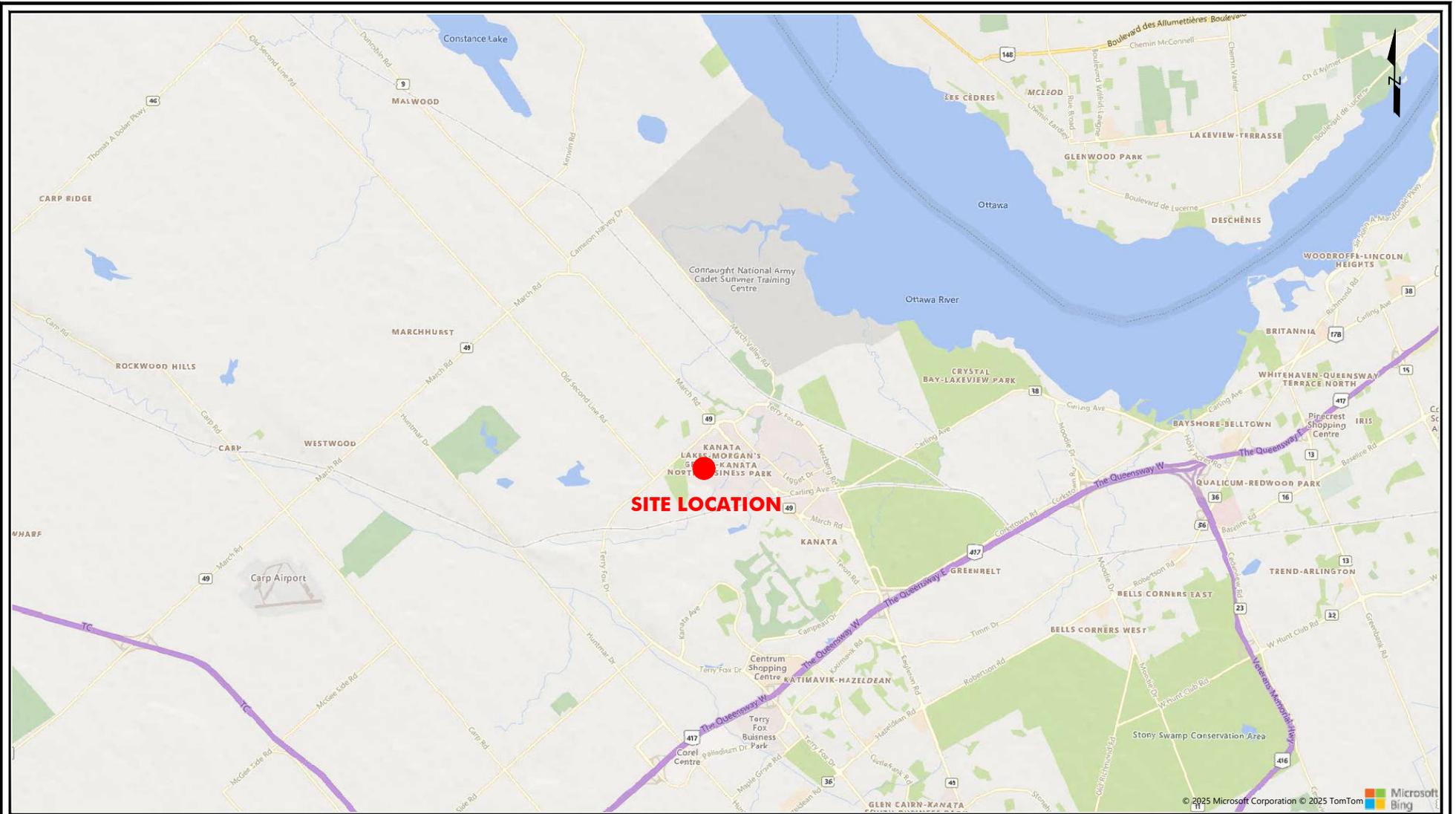
Record Address	Approximate Distance to the Subject Property	Database(s)	Description	Identified PCAs	Identified APECs
SUBJECT PROPERTY					
Cisco Systems Canada - 3000 Innovation Drive	On-Site	ERIS Ecolog	Spill Date: <u>April 2024</u> Details: 113 L Glycol release to roof drain and onto land, clean-up complete	PCA (no code): Spill(s) occurred when storing/handling liquids (glycol); exact location not provided	APEC # 11
			Spill Date: <u>December 2024</u> Details: 265L glycol (40%) from roof to city sewer	PCA (no code): Spill(s) occurred when storing/handling liquids (glycol); exact location not provided	APEC # 12
			Spill Date: <u>November 2022</u> Details: 100 L of ethylene glycol, unknown amount into sanitary sewer	PCA (no code): Spill(s) occurred when storing/handling liquids (glycol); exact location not provided	APEC # 13
			Spill Date: <u>February 2015</u> Details: 120 L of non-PCB transformer oil to concrete pad	PCA (no code): Spill(s) occurred when storing/handling liquids (oil); exact location not provided	APEC # 14
Cisco Systems Canada - 2000 Innovation Drive	On-Site	ERIS Ecolog	Historical and/or current waste generation of crankcase oils & lubricants, and paint/pigment/coating residues. First approval years was listed "as of 2009" and last approval years was listed "as of 2022"	PCA #58: Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	APEC # 4
Cisco Systems Canada - 3000 Innovation Drive	On-Site	ERIS Ecolog	Historical and/or current waste generation of crankcase oils & lubricants, and paint/pigment/coating residues.	PCA #58: Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	APEC # 5
SURROUNDING PROPERTIES					
City of Ottawa - 4101 Innovation Drive	97 m West/Southwest	EASR, GEN	Historical and/or current waste generation of crankcase oils & lubricants, and paint/pigment/coating residues. First approval years was listed "as of July 2020" and last approval years was listed "as of Oct. 2022"	PCA #58: Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners: Wastes generated are located up/crossgradient of the subject property	APEC # 15
Corporation of the City of Ottawa - Goulbourn Forced Rd. near Terry Fox Dr. Ottawa ON	97 m West/Southwest	SPL	210,000L of treated water was spilled to the storm system and ditch due to human error	None: treated water is not considered to have had an environmental impact on the subject property	None
Colonnade Bridgeport Realty Management - 4000 Innovation Drive	35 m to Northwest	CA, ECA, EHS, GEN	Historical uses appear to include telephone apparatus manufacturing involving the waste generation of crankcase oils & lubricants, aliphatic solvents & residues, acid solutions containing heavy metals, and misc. inorganic/organic chemicals.	None: Wastes generated are located downgradient of the subject property	None
Ciena Canada, ULC - 385 Terry Fox Drive	185 m Northwest	EASR, GEN	Historical uses appear to involve the waste generation of alkaline wastes - other metals, and misc. inorganic/organic laboratory chemicals.	None: Wastes generated are located downgradient of the subject property	None



**Table 3 Summary of Well Records Search
2000 and 3000 Innovation Drive, Kanata, Ontario**

Well Number	Approximate Distance from the Subject Property (m)	Construction Date	Use	Well Depth (m)	Geology (Depth to Base in m)	Approximate Depth to Water Table
1523444	5 m from South boundary	1989-05-04	Not Listed	Not Listed	clay from surface to 0.91 mbgs. followed by limestone and sandstone to 43 mbgs.	water at 39 mbgs
7218163	340 m northeast	2014-03-07	Monitoring and Test Hole	9.45	Brown top soil (0-0.30 m) Grey clay (0.30-2.13 m) Sandstone (2.13 - 9.45)	Not Listed
1525131	360 m Northwest	1990-10-24	Domestic Water Supply	Not Listed	Fill (0-0.20 m) Brown sandy silt (0.20-3.0 m) Grey granite (3.0-22.86 m)	water at 11 mbgs & water at 20 mbgs

Figures



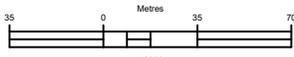
LEGEND

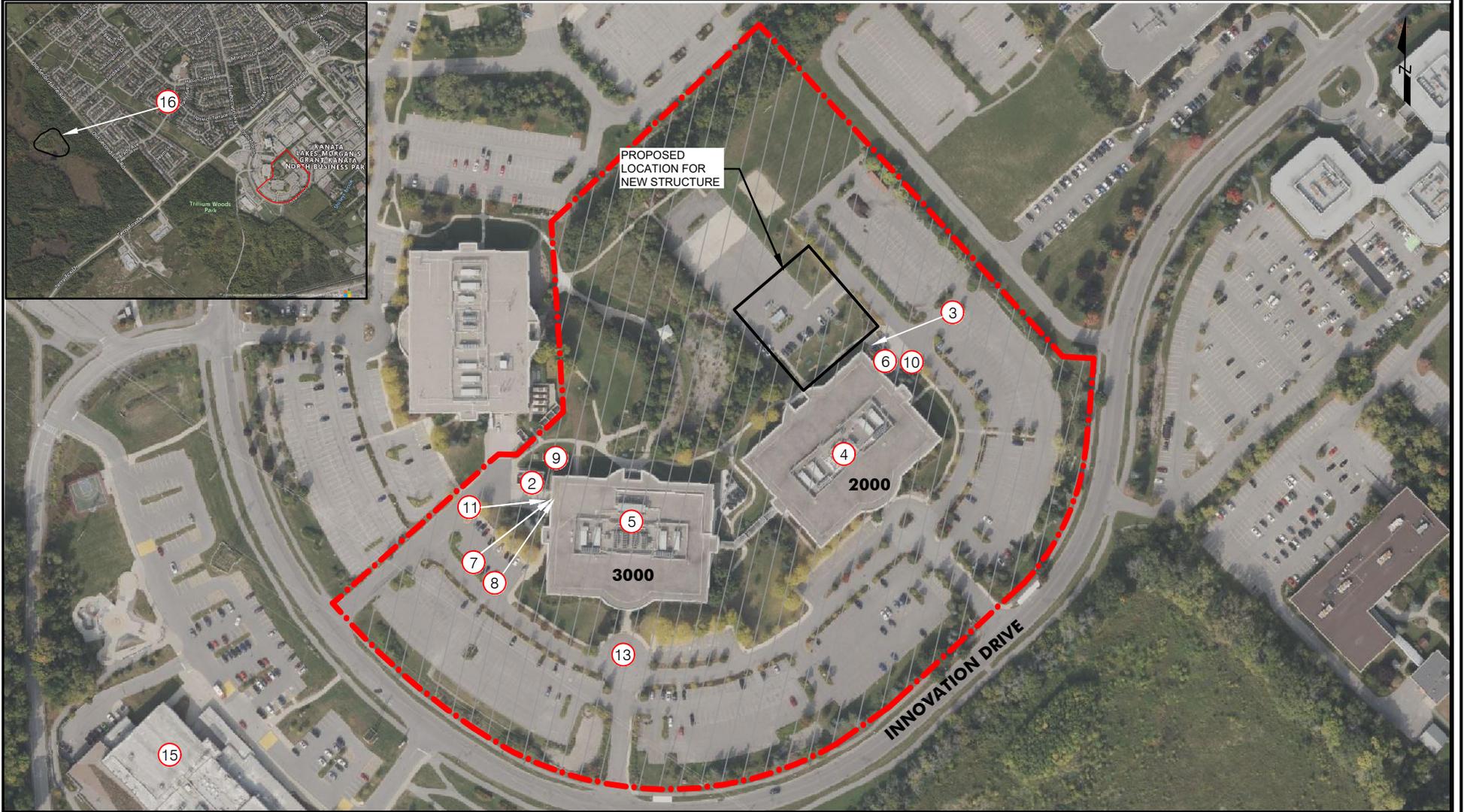
Title: SITE LOCATION	
	Project: PHASE I ENVIRONMENTAL SITE ASSESSMENT 2000 & 3000 INNOVATION DRIVE KANATA, ON
	Date: October 2025
Client: CISCO	
	
FIGURE 1	



LEGEND

 SITE BOUNDARY

Title: SITE PLAN	
	Project: PHASE I ENVIRONMENTAL SITE ASSESSMENT 2000 & 3000 INNOVATION DRIVE KANATA, ON
	Date: October 2025
Client: CISCO	
	
FIGURE 2	



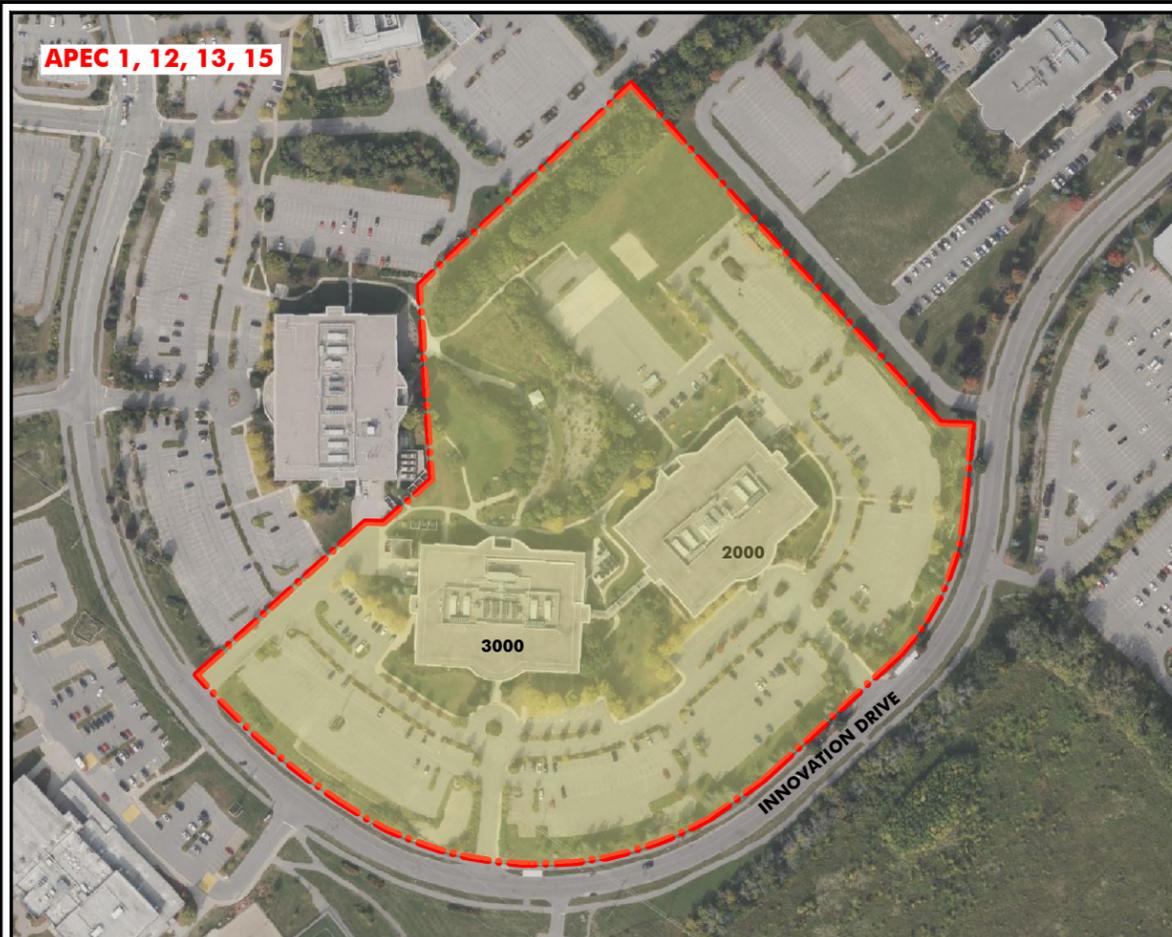
LEGEND

--- SITE BOUNDARY

POTENTIALLY CONTAMINATING ACTIVITIES

- ① PCA #1: Likely presence of fill material brought in during site development; placement of gravel fill of unknown origin across the site
- ② PCA #2: Standby diesel-fueled generator and associated ASTs at 2000 Innovation Drive
- ③ PCA #3: Standby diesel-fueled generator and associated ASTs at 3000 Innovation Drive
- ④ PCA #4: Hazardous Waste Generator at 2000 Innovation Drive
- ⑤ PCA #5: Hazardous Waste Generator at 3000 Innovation Drive
- ⑥ PCA #6: Presence of two (2) hydraulic lifts located at the loading docks at 2000 Innovation Drive
- ⑦ PCA #7: Presence of two (2) hydraulic lifts located at the loading docks at 3000 Innovation Drive
- ⑧ PCA #8: Presence of an oil/water separator
- ⑨ PCA #9: Presence of 3 transformers
- ⑩ PCA #10: Presence of a transformer located east of the building at 2000 Innovation Drive
- ⑪ PCA #11: Historical onsite spills/leaks of 113 L of suspected Glycol on the 3000 Innovation Drive property
- ⑫ PCA #12: Historical onsite spills/leaks of 265 L of suspected Glycol on the 3000 Innovation Drive property
- ⑬ PCA #13: Historical onsite spills/leaks of 100 L of suspected Glycol on the 3000 Innovation Drive property
- ⑭ PCA #14: Historical onsite spills/leaks of 120 L of suspected non PCB transformer oil on the 3000 Innovation Drive property
- ⑮ PCA #15: Historical hazardous waste storage and disposal at 4101 Innovation Drive
- ⑯ PCA #16: Former March Landfill

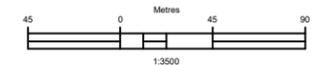
Title: POTENTIALLY CONTAMINATING ACTIVITIES - PCAs	
	Project: PHASE I ENVIRONMENTAL SITE ASSESSMENT 2000 & 3000 INNOVATION DRIVE KANATA, ON
Date: November 2025	Client: CISCO
	FIGURE 3



LEGEND

—●— SITE BOUNDARY

APEC	LOCATION OF APEC ON THE PHASE I PROPERTY	APEC DESCRIPTION	PCA #
APEC 1	Entire Ph I Property	Unknown fill material	1
APEC 2	East of building 2000 Innovation Drive	Standby diesel-fueled generator and associated ASTs	2
APEC 3	Northwest corner exterior at 3000 Innovation Drive	Two standby diesel-fueled generator and associated ASTs	3
APEC 4	East portion of the Phase I Property	Hazardous Waste Generator	4
APEC 5	West portion of the Phase I Property	Hazardous Waste Generator	5
APEC 6	East side of building at 2000 Innovation Drive	Hydraulic lift	6
APEC 7	West side of building at 3000 Innovation Drive	Hydraulic lift	7
APEC 8	West side of building at 3000 Innovation Drive	Oil/water separator	8
APEC 9	Northwest corner of 3000 Innovation Drive	Transformers	9
APEC 10	East side of building at 2000 Innovation Drive	Transformer	10
APEC 11	Western half of Phase I property	Historical spill/leaks	11
APEC 12	Entire Phase I property	Historical spill/leaks	12
APEC 13	Entire Phase I property	Historical spill/leaks	13
APEC 14	Northwest of building at 3000 Innovation Drive	Historical spill/leaks	14
APEC 15	Entire Ph I Property	Off-site: Former City of Ottawa Facility Operations Service at 4101 Innovation Drive Off-Site: Former March Landfill	15



Title: **AREAS OF POTENTIAL ENVIRONMENTAL CONCERN - APEC**

Project: **PHASE I ENVIRONMENTAL SITE ASSESSMENT
2000 & 3000 INNOVATION DRIVE
KANATA, ON**

Client: **CISCO**

Date: November 2025



FIGURE 4

Appendix A

Site Photolog

Project Photographs

Phase I ESA, 2000 & 3000 Innovation Drive,
Kanata, Ontario

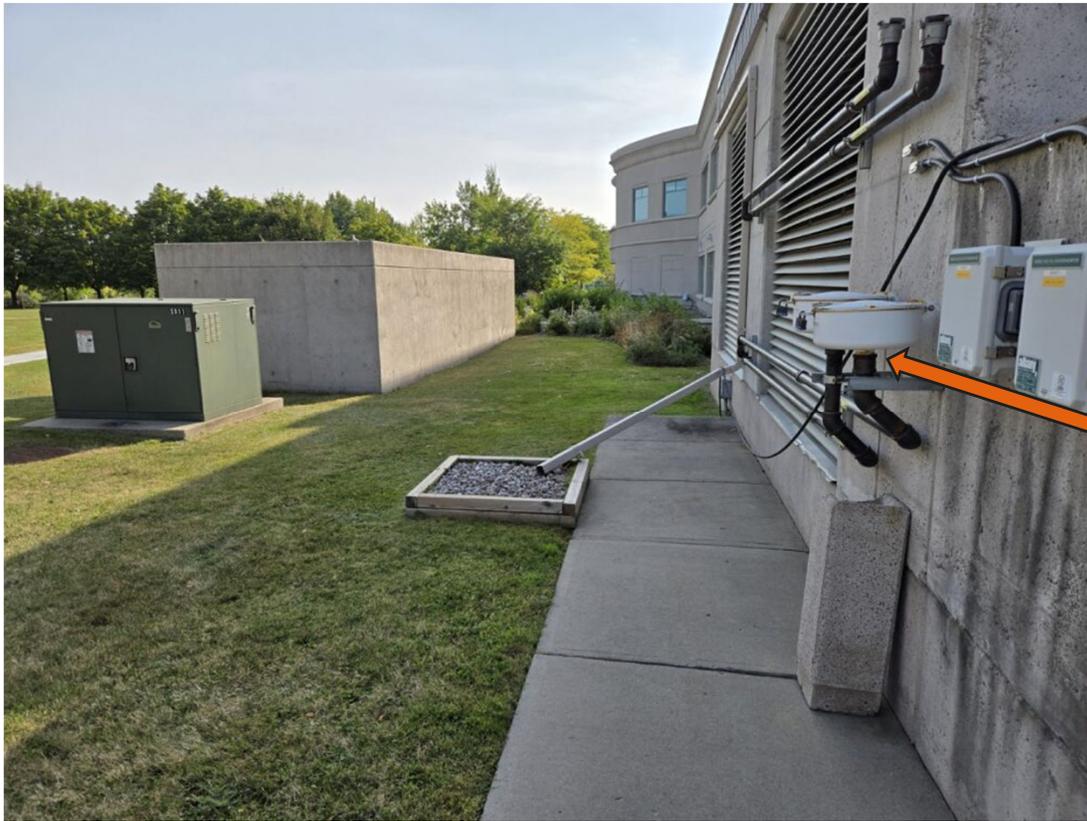


Photo: #1

Date:

September 10, 2025.

Description

View of the building on the right that houses the 3 Above Ground Tanks. The fill pipes to the tanks are attached to the wall (arrow).



Photo: #2

Date:

September 10, 2025.

Description

View of the 3 generators located north from the 3000 Innovation Road building.

Project Photographs

Phase I ESA, 2000 & 3000 Innovation Drive,
Kanata, Ontario



Photo: #3

Date:

September 10, 2025.

Description:

View of the two loading docks with hydraulic lift (arrow) at the 2000 Innovation Road building.



Photo: #4

Date:

September 10, 2025.

Description:

View of the two loading docks with hydraulic lift (arrow) at the 3000 Innovation Road building.

Appendix B

Aerial Photographs



HISTORICAL AERIALS

Project Property: CISCO
2000 and 3000 Innovation Drive
Ottawa ON K2K 3E8

Project No: 30270525-01

Requested By: Arcadis Canada Inc.

Order No: 25091500067

Date Completed: October 06,2025

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

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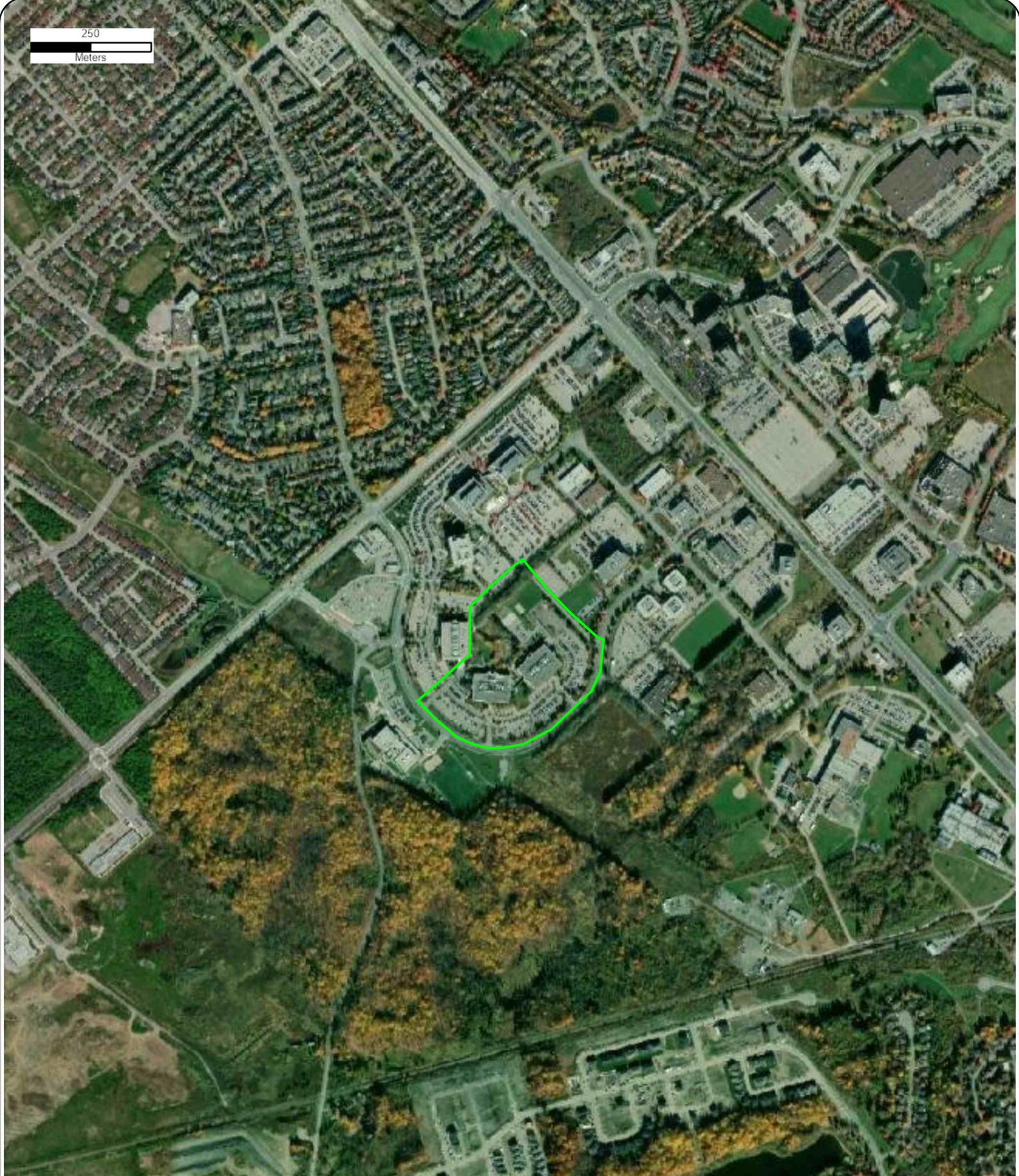
Date	Source	Scale	Comments
2025	Maxar Technologies	10,000	
2010	Decade Coverage Unavailable	10,000	
2008	Government of Ontario	10,000	Best Adjacent Decade Available
2001	National Air Photo Library	10,000	
1994	National Air Photo Library	10,000	
1987	National Air Photo Library	10,000	
1973	National Air Photo Library	10,000	
1964	National Air Photo Library	10,000	

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250
Meters



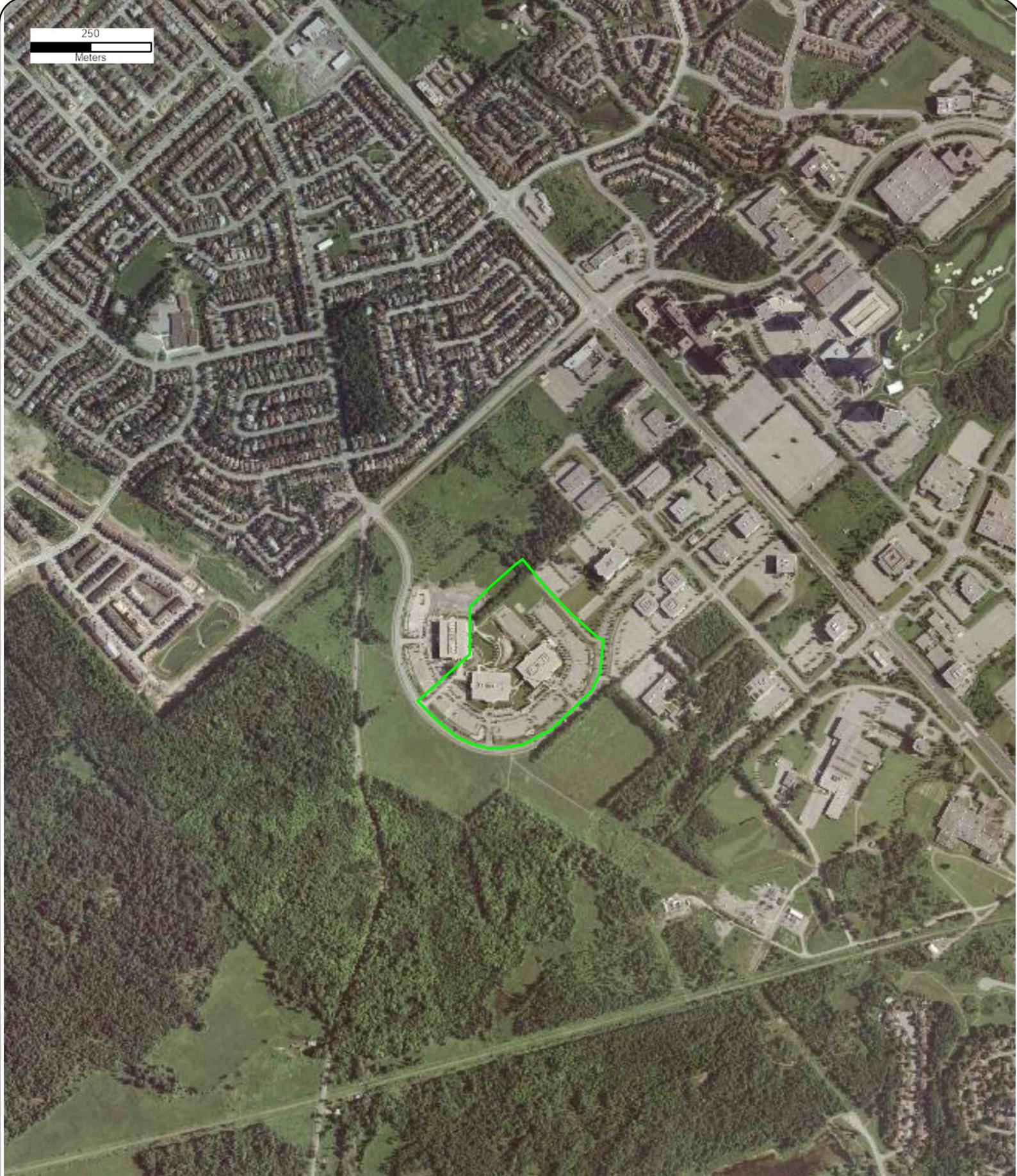
Year: 2025
Source: MAXAR
Scale: 10,000
Comment:

Address: 2000 and 3000 Innovation Drive, Ottawa, ON
Approx Center: -75.92707296,45.34201495

Order No: 25091500067



250
Meters



Year: 2008

Address: 2000 and 3000 Innovation Drive, Ottawa, ON

Order No: 25091500067

Source: GON

Approx Center: -75.92707296,45.34201495

Scale: 10,000

Comment: Best Adjacent Decade Available



250
Meters



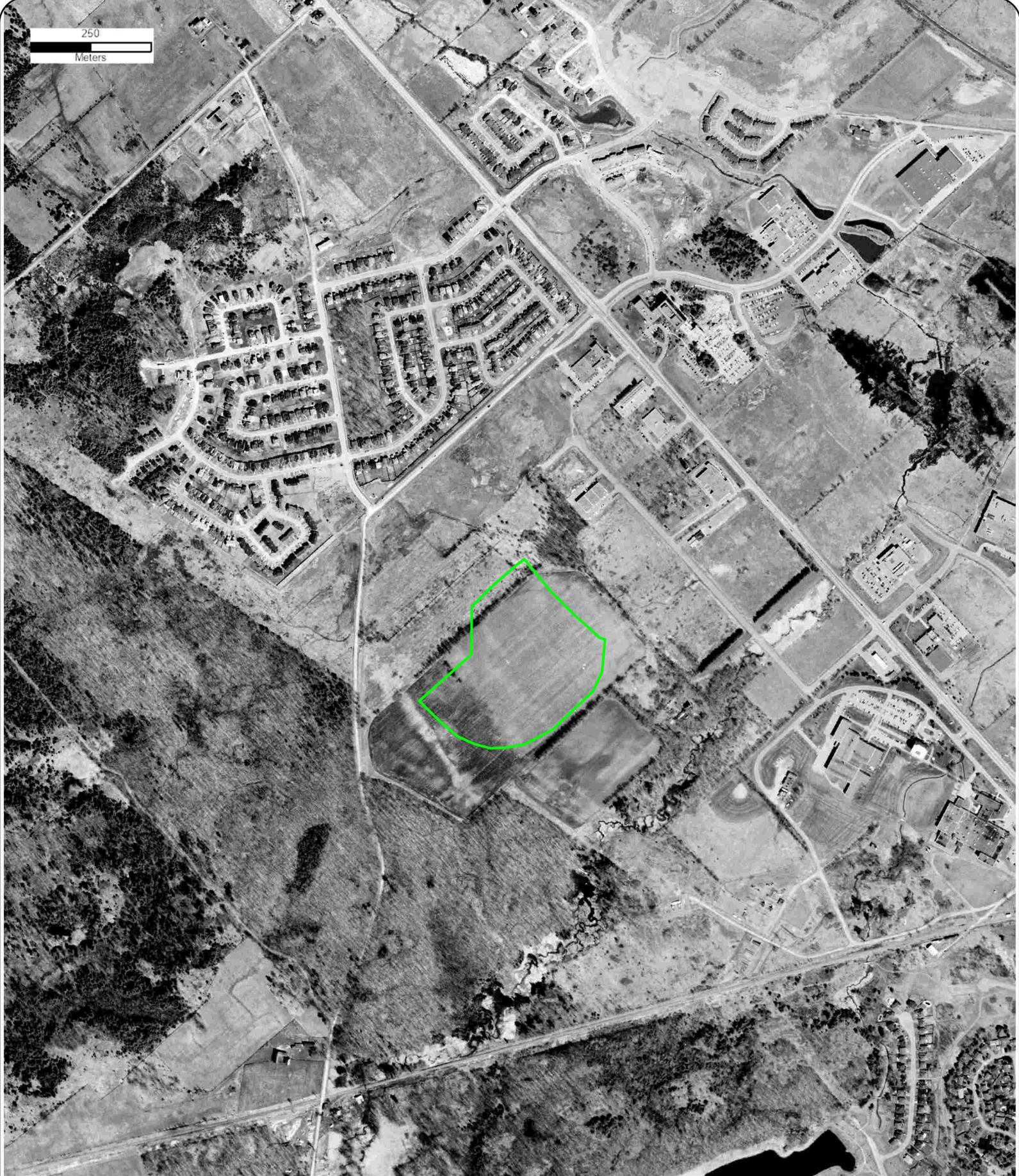
Year: 2001
Source: NAPL
Scale: 10,000
Comment:

Address: 2000 and 3000 Innovation Drive, Ottawa, ON
Approx Center: -75.92707296,45.34201495

Order No: 25091500067



250
Meters



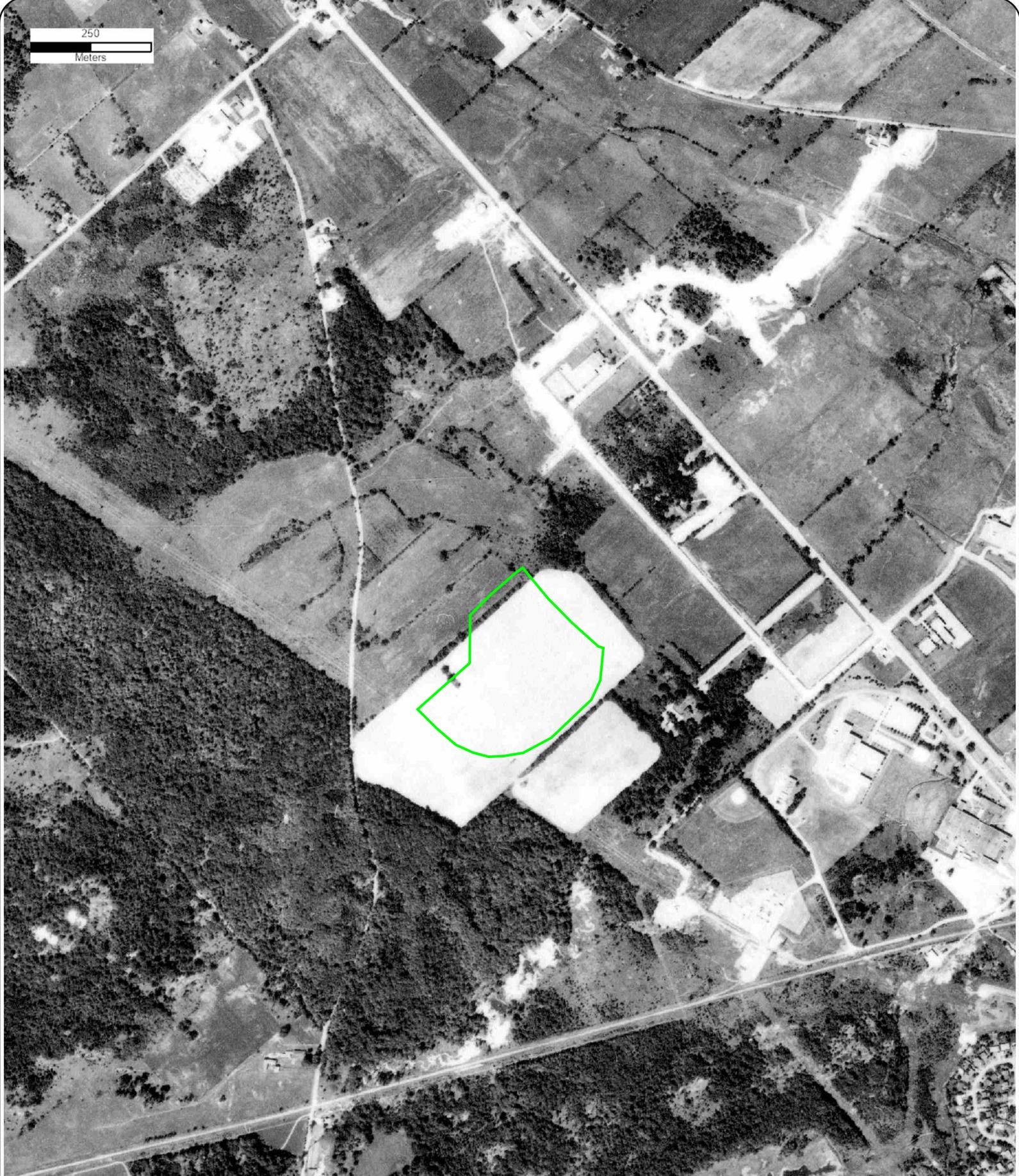
Year: 1994
Source: NAPL
Scale: 10,000
Comment:

Address: 2000 and 3000 Innovation Drive, Ottawa, ON
Approx Center: -75.92707296,45.34201495

Order No: 25091500067



250
Meters



Year: 1987
Source: NAPL
Scale: 10,000
Comment:

Address: 2000 and 3000 Innovation Drive, Ottawa, ON
Approx Center: -75.92707296,45.34201495

Order No: 25091500067





250
Meters

Year: 1973
Source: NAPL
Scale: 10,000
Comment:

Address: 2000 and 3000 Innovation Drive, Ottawa, ON
Approx Center: -75.92707296,45.34201495

Order No: 25091500067





250
Meters

Year: 1964
Source: NAPL
Scale: 10,000
Comment:

Address: 2000 and 3000 Innovation Drive, Ottawa, ON
Approx Center: -75.92707296,45.34201495

Order No: 25091500067



Appendix C

Fire Insurance Plans

Please select all Fire Insurance Plans and Inspection Reports that you would like to order. Fire Insurance Plans, if available, are listed on the left-hand sidebar, and priced according to Plan Number & Year. Inspection Reports, if available, are shown as blue flags on the map in their approximate location, and are pre-selected for you in the left-hand sidebar (feel free to de-select them). At the bottom left corner is your Order Summary.

Order Specifications
Search radius: 250m

Project Name	CISCO
Project Number	25091500067
P.O. Number	30253765

Fire Insurance Plans
No Fire Insurance Plan maps found in the Opta online inventory.

Inspection Reports
No inspection reports selected

Order Summary

Infrastructure Fee	\$ 100
Rush Fee	\$ 0
Sub-total before taxes	\$ 100

[Confirm Selection](#)

Map | Satellite

Toggle inspection markers @100m

Keyboard shortcuts | Map data ©2025 Google | Terms | Report a map error

Appendix D

Historical Land Title Search



READ Abstracts Limited

150 Isabella Street, Suite 1104, Ottawa, Ontario K1S 1V7

Email: search@readsearch.com

Tel.: 613-236-0664

Fax: 613-236-3677

ENVIRONMENTAL SEARCH

Arcadis

Attn: Stephanie Joyce

BRIEF DESCRIPTION OF LAND:

Block 3, Plan 4M1075

PIN: 04518-0077

Date title searched: Oct 14, 2025

LAST REGISTERED OWNER: CISCO SYSTEMS CANADA CO./LES SYSTEMES
CISCO CANADA CIE

CHAIN OF TITLE:

Patent dated Jan 17, 1832
From Crown to John B. Monk

Deed RO4729 registered Oct 9, 1850
From John B. Monk to Henry W. Monk

Deed RO6251 registered March 16, 1853
From Henry W. Monk to John B. Monk

Deed RO6365 registered April 27, 1853
From John B. Monk Jr. to John B. Monk Sr.

Deed RO26538 registered Sept 20, 1866
From John B. Monk to George W. Monk

Deed MH2633 registered Sept 5, 1918
From the Estate of George W. Monk to Walter D. Monk

Deed MH3470 registered Dec 13, 1939
From Walter D. Monk to George B. Monk

Deed MH4460 registered Oct 5, 1959
From George B. Monk to Ketih McMurtry and Archie McDonald

Deed MH4630 registered Nov 7, 1960
From Ketih McMurtry and Archie McDonald to George B. Monk

Deed MH4695 dated March 1, 1961
From George B. Monk to Fairfield Investments Limited

Deed MH5134 dated Oct 2, 1964
From Fairfield Investments Limited to William Teron Limited

Deed LT651957 dated Dec 21, 1989
From Campeau Corporation to Sils-Hines Developments Inc.

***William Teron Limited became Kanata Developments Limited by articles of amalgamation on Sept 14, 1960

***Kanata Developments Limited became Campeau Corporation by articles of amalgamation on Oct 1, 1973

Deed LT1097016 dated Dec 22, 1997
From Sils-Hines Developments Inc. to 786473 Ontario Limited

Name Change LT1259578 registered Jan 24, 2000
From 786473 Ontario Limited to Northtech Land Development Inc.

Deed LT1273321 registered March 31, 2000
From Northtech Land Development Inc. to Northtech CS Inc.

Lease LT1278218 registered April 27, 2000
From Northtech CS Inc to Cisco Systems Co.

Name Change LT1349556 registered Dec 19, 2000
From Northtech CS Inc to Northtech Land Development Inc.

Deed LT1349955 registered Dec 20, 2000
From Northtech Land Development Inc. to Cisco Systems Co.

Deed OC677510 registered Jan 11, 2007
From Cisco Systems Co. to Cisco Systems Co.

Name Change OC1415802 registered Oct 3, 2012
From Cisco Systems Co. to Cisco Systems Canada Co./Les Systems Cisco Canada Cie



READ Abstracts Limited

150 Isabella Street, Suite 1104, Ottawa, Ontario K1S 1V7

Email: search@readsearch.com

Tel.: 613-236-0664

Fax: 613-236-3677

ENVIRONMENTAL SEARCH

Arcadis

Attn: Stephanie Joyce

BRIEF DESCRIPTION OF LAND:

Part Block 5, Plan 4M1104, parts 10-13 on 4R21581

PIN: 04518-0104

Date title searched: Oct 14, 2025

LAST REGISTERED OWNER: CISCO SYSTEMS CANADA CO./LES SYSTEMES
CISCO CANADA CIE

CHAIN OF TITLE:

Patent dated Jan 21, 1837
From Crown to George Morgan (re: Lot 8, Con 3)

Patent dated Jan 17, 1832
From Crown to John B. Monk (re: Lot 9, Con 3)

Deed RO4729 registered Oct 9, 1850
From John B. Monk to Henry W. Monk

Deed RO6251 registered March 16, 1853
From Henry W. Monk to John B. Monk

Deed RO6365 registered April 27, 1853
From John B. Monk Jr. to John B. Monk Sr.

Deed RO6913 registered Jan 4, 1854
From George Morgan Sr to George Morgan Jr.

Deed RO9843 registered June 4, 1856
From George Morgan to George Morgan

Deed RO26538 registered Sept 20, 1866
From John B. Monk to George W. Monk

Deed MH491 registered Jan 9, 1880
From George Morgan Sr to George Morgan Jr.

Deed MH1322 registered March 6, 1897
From George Morgan to George William Monk

Deed MH2633 registered Sept 5, 1918
From the Estate of George W. Monk to Walter D. Monk

Deed MH3470 registered Dec 13, 1939
From Walter D. Monk to George B. Monk

Deed MH4460 registered Oct 5, 1959
From George B. Monk to Ketih McMurtry and Archie McDonald

Deed MH4630 registered Nov 7, 1960
From Ketih McMurtry and Archie McDonald to George B. Monk

Deed MH4632 registered Nov 7, 1960
From George B. Monk and Walter D. Monk to Mic Mac Realty (Ottawa) Limited

Deed MH4695 dated March 1, 1961
From George B. Monk to Fairfield Investments Limited

Deed MH5037 registered Dec 23, 1963
From Mic Mac Realty (Ottawa) Limited to Joseph C. Samis and Minnie A. Samis

Deed MH5142 registered April 29, 1964
From James C. Samis and Minnie A. Samis to James C. Samis and Clarence Kilgour

Deed MH5134 dated Oct 2, 1964
From Fairfield Investments Limited to William Teron Limited

Deed MH5714 registered Jan 31, 1966
From William Teron Limited to The Corporation of the City of Kanata

Deed CT146567 registered Dec 31, 1971
From James C. Samis and Clarence Kilgour to Paul Nash, Bruce Choron, George Fyffe,
Lorne V Ursel as partnership property

Deed CT155228 registered July 6, 1972
From Paul Nash, Bruce Choron, George Fyffe, Lorne V Ursel as partnership property to
South March Developments Limited

Deed CT178679 registered Aug 30, 1973
From South March Developments Limited to Celso Grassone in trust

Deed CT171901 registered May 6, 1974
From Celso Grassone in trust to Fussen Investment (Ontario) Inc.

Deed NS70534 registered Oct 17, 1979
From The Corporation of the City of Kanata to Campeau Corporation

Deed LT651957 dated Dec 21, 1989
From Campeau Corporation to Sils-Hines Developments Inc.

***William Teron Limited became Kanata Developments Limited by articles of
amalgamation on Sept 14, 1960

***Kanata Developments Limited became Campeau Corporation by articles of
amalgamation on Oct 1, 1973

Deed LT1097014 dated Dec 22, 1997
From Fussen Investment (Ontario) Inc. to 786473 Ontario Limited

Deed LT1097016 dated Dec 22, 1997
From Sils-Hines Developments Inc. to 786473 Ontario Limited

Deed LT1254491 registered Dec 22, 1999
From The Corporation of the City of Kanata to 786473 Ontario Limited

Name Change LT1259578 registered Jan 24, 2000
From 786473 Ontario Limited to Northtech Land Development Inc.

Deed LT1349976 registered Dec 20, 2000
From Northtech Land Development Inc. to Cisco Systems Co.

Deed OC677509 registered Jan 11, 2007
From Cisco Systems Co. to Cisco Systems Co.

Name Change OC1415802 registered Oct 3, 2012
From Cisco Systems Co. to Cisco Systems Canada Co./Les Systems Cisco Canada Cie



READ Abstracts Limited

150 Isabella Street, Suite 1104, Ottawa, Ontario K1S 1V7

Email: search@readsearch.com

Tel.: 613-236-0664

Fax: 613-236-3677

ENVIRONMENTAL SEARCH

Arcadis

Attn: Stephanie Joyce

BRIEF DESCRIPTION OF LAND:

Part Block 5, Plan 4M1104, part 14 on 4R21581

PIN: 04518-0105

Date title searched: Oct 14, 2025

LAST REGISTERED OWNER: CISCO SYSTEMS CANADA CO./LES SYSTEMES
CISCO CANADA CIE

CHAIN OF TITLE:

Patent dated Jan 21, 1837
From Crown to George Morgan (re: Lot 8, Con 3)

Patent dated Jan 17, 1832
From Crown to John B. Monk (re: Lot 9, Con 3)

Deed RO4729 registered Oct 9, 1850
From John B. Monk to Henry W. Monk

Deed RO6251 registered March 16, 1853
From Henry W. Monk to John B. Monk

Deed RO6365 registered April 27, 1853
From John B. Monk Jr. to John B. Monk Sr.

Deed RO6913 registered Jan 4, 1854
From George Morgan Sr to George Morgan Jr.

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From George Morgan to George Morgan

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Deed MH1322 registered March 6, 1897
From George Morgan to George William Monk

Deed MH2633 registered Sept 5, 1918
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Deed MH3470 registered Dec 13, 1939
From Walter D. Monk to George B. Monk

Deed MH4460 registered Oct 5, 1959
From George B. Monk to Ketih McMurtry and Archie McDonald

Deed MH4630 registered Nov 7, 1960
From Ketih McMurtry and Archie McDonald to George B. Monk

Deed MH4632 registered Nov 7, 1960
From George B. Monk and Walter D. Monk to Mic Mac Realty (Ottawa) Limited

Deed MH4695 dated March 1, 1961
From George B. Monk to Fairfield Investments Limited

Deed MH5037 registered Dec 23, 1963
From Mic Mac Realty (Ottawa) Limited to Joseph C. Samis and Minnie A. Samis

Deed MH5142 registered April 29, 1964
From James C. Samis and Minnie A. Samis to James C. Samis and Clarence Kilgour

Deed MH5134 dated Oct 2, 1964
From Fairfield Investments Limited to William Teron Limited

Deed MH5714 registered Jan 31, 1966
From William Teron Limited to The Corporation of the City of Kanata

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From James C. Samis and Clarence Kilgour to Paul Nash, Bruce Choron, George Fyffe,
Lorne V Ursel as partnership property

Deed CT155228 registered July 6, 1972
From Paul Nash, Bruce Choron, George Fyffe, Lorne V Ursel as partnership property to
South March Developments Limited

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From South March Developments Limited to Celso Grassone in trust

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Deed LT1254491 registered Dec 22, 1999
From The Corporation of the City of Kanata to 786473 Ontario Limited

Name Change LT1259578 registered Jan 24, 2000
From 786473 Ontario Limited to Northtech Land Development Inc.

Deed LT1349976 registered Dec 20, 2000
From Northtech Land Development Inc. to Cisco Systems Co.

Deed OC677510 registered Jan 11, 2007
From Cisco Systems Co. to Cisco Systems Co.

Name Change OC1415802 registered Oct 3, 2012
From Cisco Systems Co. to Cisco Systems Canada Co./Les Systems Cisco Canada Cie



READ Abstracts Limited

150 Isabella Street, Suite 1104, Ottawa, Ontario K1S 1V7

Email: search@readsearch.com

Tel.: 613-236-0664

Fax: 613-236-3677

ENVIRONMENTAL SEARCH

Arcadis

Attn: Stephanie Joyce

BRIEF DESCRIPTION OF LAND:

Part Block 11, Plan 4M1075, parts 20-38 on 4R21581

PIN: 04518-0109

Date title searched: Oct 14, 2025

LAST REGISTERED OWNER: CISCO SYSTEMS CANADA CO./LES SYSTEMES
CISCO CANADA CIE

CHAIN OF TITLE:

Patent dated Jan 17, 1832
From Crown to John B. Monk

Deed RO4729 registered Oct 9, 1850
From John B. Monk to Henry W. Monk

Deed RO6251 registered March 16, 1853
From Henry W. Monk to John B. Monk

Deed RO6365 registered April 27, 1853
From John B. Monk Jr. to John B. Monk Sr.

Deed RO26538 registered Sept 20, 1866
From John B. Monk to George W. Monk

Deed MH2633 registered Sept 5, 1918
From the Estate of George W. Monk to Walter D. Monk

Deed MH3470 registered Dec 13, 1939
From Walter D. Monk to George B. Monk

Deed MH4460 registered Oct 5, 1959
From George B. Monk to Ketih McMurtry and Archie McDonald

Deed MH4630 registered Nov 7, 1960
From Ketih McMurtry and Archie McDonald to George B. Monk

Deed MH4695 dated March 1, 1961
From George B. Monk to Fairfield Investments Limited

Deed MH5134 dated Oct 2, 1964
From Fairfield Investments Limited to William Teron Limited

Deed MH5714 registered Jan 31, 1966
From William Teron Limited to The Corporation of the City of Kanata

Deed LT651957 dated Dec 21, 1989
From Campeau Corporation to Sils-Hines Developments Inc.

***William Teron Limited became Kanata Developments Limited by articles of amalgamation on Sept 14, 1960

***Kanata Developments Limited became Campeau Corporation by articles of amalgamation on Oct 1, 1973

Name Change LT1179208 registered Feb 11, 1999
From The Corporation of the Township of March to The Corporation of the City of Kanata

Deed LT1097016 dated Dec 22, 1997
From Sils-Hines Developments Inc. to 786473 Ontario Limited

Deed LT1254491 registered Dec 22, 1999
From The Corporation of the City of Kanata to 786473 Ontario Limited

Name Change LT1259578 registered Jan 24, 2000
From 786473 Ontario Limited to Northtech Land Development Inc.

Deed LT1349976 registered Dec 20, 2000
From Northtech Land Development Inc. to Cisco Systems Co.

Deed OC677509 registered Jan 11, 2007
From Cisco Systems Co. to Cisco Systems Co.

Name Change OC1415802 registered Oct 3, 2012
From Cisco Systems Co. to Cisco Systems Canada Co./Les Systems Cisco Canada Cie

Appendix E

MECP Response

CERTIFICATE OF APPROVAL**AIR**

NUMBER 1958-8GSPLM

Issue Date: May 20, 2011

Cisco Systems Co.
2000 Innovation Dr Kanata
Ottawa, Ontario
K2K 3E8

Site Location: 2000 and 3000 Innovation Drive
City of Ottawa, Ontario
K2K 3E8

You have applied in accordance with Section 9 of the Environmental Protection Act for approval of:

- four (4) natural gas-fired rooftop heating/cooling units, two (2) natural gas-fired unit heaters and two (2) natural gas-fired water heaters, located at 2000 Innovation Drive, having a combined maximum thermal input of 2,691,000 kilojoules per hour;
- one (1) standby diesel-fuelled generator set, having a rating of 150 kilowatts, located at 2000 Innovation Drive, to provide power for the building during emergency situations;
- four (4) natural gas-fired rooftop heating/cooling units, two (2) natural gas-fired unit heaters and two (2) natural gas-fired water heaters, located at 3000 Innovation Drive, having a combined maximum thermal input of 2,691,000 kilojoules per hour; and
- two (2) standby diesel-fuelled generator sets, each having a rating of 1000 kilowatts, located at 3000 Innovation Drive, to provide power for the building during emergency situations,

all in accordance with the Application for Approval (Air & Noise) dated October 1, 2010 and signed by Ritch Dusome, Director of Product Marketing, Cisco Systems, Co., and all supporting information associated with the application including additional information provided by ERM Canada Corporation, dated October 1, 2010, and signed by Tara Weerasuriya, Ph.D.

For the purpose of this Certificate of Approval and the terms and conditions specified below, the following

definitions apply:

- (1) "Act" means the *Environmental Protection Act*;
- (2) "Certificate" means this Certificate of Approval issued in accordance with Section 9 of the Act;
- (3) "Equipment" means the diesel generator sets and combustion equipment described in the Owner's application, this Certificate and in the supporting documentation submitted with the application, to the extent approved by this Certificate;
- (4) "Generator Sets" means the diesel generator sets described in the Owner's application, this Certificate and in the supporting documentation submitted with the application, to the extent approved by this Certificate;
- (5) "Manual" means a document or a set of documents that provide written instructions to staff of the Owner;
- (6) "Ministry" means the Ontario Ministry of the Environment;
- (7) "Owner" means Cisco Systems Co., and includes its successors and assignees;
- (8) "Publication NPC-205" means Ministry Publication NPC-205, Sound Level Limits for Stationary Sources in Class 1 & 2 Areas (Urban), October, 1995; and
- (9) "Publication NPC-232" means Ministry Publication NPC-232, Sound Level Limits for Stationary Sources in Class 3 Areas (Rural), October, 1995.

You are hereby notified that this approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

GENERAL

1. Except as otherwise provided by these Conditions, the Owner shall design, build, install, operate and maintain the Equipment in accordance with the description given in this Certificate, application for approval of the Equipment and the submitted supporting documents and plans and specifications as listed in this Certificate.
2. Where there is a conflict between a provision of any submitted document referred to in this Certificate and the Conditions of this Certificate, the Conditions in this Certificate shall take precedence, and where there is a conflict between the listed submitted documents, the document bearing the most recent date shall prevail.

PERFORMANCE

3. The Owner shall ensure that the noise emissions from the Generator Sets comply with the limits set out

in Publication NPC-205 or NPC-232, as applicable.

OPERATION AND MAINTENANCE

4. The Owner shall restrict the periodic testing of the Generator Sets to the daytime hours from 7:00 am to 7:00 pm.
5. The Owner shall ensure that the Generator Sets are properly operated and maintained at all times. The Owner shall:
 - (1) prepare, not later than three (3) months after the date of this Certificate or the date of commissioning of the Generator Sets, and update, as necessary, a Manual outlining the operating procedures and a maintenance program for the Generator Sets, including:
 - (a) routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Generator Set suppliers;
 - (b) emergency procedures;
 - (c) procedures for any record keeping activities relating to operation and maintenance of the Generator Sets;
 - (d) all appropriate measures to minimize noise and odorous emissions from all potential sources;
 - (2) implement the recommendations of the Manual; and
 - (3) retain, for a minimum of two (2) years from the date of their creation, all records on the maintenance, repair and inspection of the Generator Sets, and make these records available for review by staff of the Ministry upon request.

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

1. Condition Nos. 1 and 2 are imposed to ensure that the Equipment is built and operated in the manner in which it was described for review and upon which approval was granted. These conditions are also included to emphasize the precedence of Conditions in the Certificate and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review.
2. Condition No. 3 is included to provide the minimum performance requirement considered necessary to prevent an adverse effect resulting from the operation of the Generator Sets.
3. Condition No. 4 is included to ensure that the proposed operation, excluding emergency situations, is not extended beyond specific daytime hours to prevent an adverse effect resulting from the operation of the Generator Sets.
4. Condition No. 5 is included to emphasize that the Generator Sets must be maintained and operated

according to a procedure that will result in compliance with the Act, the regulations and this Certificate. In addition the Owner is required to keep records and provide information to staff of the Ministry so that compliance with the Act, the regulations and this Certificate can be verified.

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

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

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the works are located;

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

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, 15th Floor
Toronto, Ontario
M5G 1E5

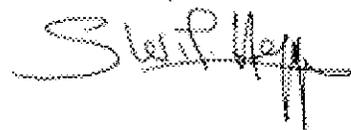
AND

The Director
Section 9, *Environmental Protection Act*
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca**

The above noted works are approved under Section 9 of the Environmental Protection Act.

DATED AT TORONTO this 20th day of May, 2011



Sherif Hegazy, P.Eng.
Director
Section 9, *Environmental Protection Act*

KB/

c: District Manager, MOE Ottawa District Office
Tara Weerasuriya, ERM Canada Corporation

COMMENT / MEMORANDUM TO FILE

Document Author:	Karen Barbara
Created On:	2011/05/05
C of A:	Air CofA
Client:	Cisco Systems Co.
Project Description:	
Reference Number:	2330-89XKGW
Subject:	New Technical Contact

Notes:

Tara Weerasuriya is no longer with ERM Canada Corp. The contact information for the new technical contact is:

Margot Yandle
Project Manager
Environmental Resources Management (ERM)
Direct Line (647) 288-8812
e-mail: margot.yandle@ERM.com

See email attached:

Document Links and Comments:	Insert Comments Here
Attachment Names:	New Technical Contact.msg

ENGINEERING ASSESSMENT

Reference No.:	2330-89XKGW
Company Name:	Cisco Systems Co.
Reviewer:	Karen Barbara

Technical Evaluation

1. Proposal

This application is for the approval of natural gas fired combustion equipment and a standby diesel generator set for commercial buildings, located in Ottawa (Kanata), Ontario.

The site consists of two 106,000 square foot buildings, listed as 2000 and 3000 Innovation Drive in the City of Ottawa owned and jointly operated by Cisco Systems Co.

The Kanata Cisco site is a Research & Development (R&D) Centre which focuses on developing leading edge networking equipment and software solutions. The building space is used primarily for administrative office space and laboratories where the computer hardware systems are tested for research and development activities related to software development for supporting hardware.

2. Equipment

2000 Innovation Drive

- one (1) standby diesel generator set rated at 150 kW, located at 2000 Innovation Drive;
- four (4) natural gas fired rooftop heating/cooling units, two (2) natural gas fired unit heaters and two (2) natural gas-fired water heaters, located at 2000 Innovation Drive, having a combined maximum thermal input of 2,691,000 kilojoules per hour

3000 Innovation Drive

- two (2) standby diesel generator sets rated at 1000 kW, located at 3000 Innovation Drive;
- four (4) natural gas fired rooftop heating/cooling units, two (2) natural gas fired unit heaters and two (2) natural gas-fired water heaters, located at 3000 Innovation Drive, having a combined maximum thermal input of 2,691,000 kilojoules per hour

3. Anticipated Environmental Impact

Impact is anticipated as follows:

The site is a non-sensitive receptor.

- The scope of this application is limited to sources of nitrogen oxides only, as stated in the application documents, acknowledgement letter and reflected in the fees paid.

Emission Rate:

CRITERIA	PARAMETER	COMMENTS
Expected Emission Rates	NOx (1000 kW Standby Generator)	(g/s) Two (2) 1000 kW generators' emission rates are based on 2.55 manufacturer's specifications and

	NOx (1000 kW Standby Generator)	2.55	emission rates.
	NOx (150 kW Standby Generator)	0.785	One (1) 150 kW generator's emission rate is based on manufacturer's specifications and US EPA emission factors
	NOx (Combustion Equipment)	0.063	Combustion equipment emission rates are based on US EPA emission factors

Dispersion Modelling:

The applicant modelled the two buildings (2000 Innovation Drive and 3000 Innovation Drive) as two virtual sources within a common property boundary.

CRITERIA	PARAMETER	COMMENTS
Reg. 346 Virtual Source Calculations	NOx (Combustion Equipment)	(ug/m ³) 8.35 The calculated NOx concentration for the combustion equipment is acceptable since it complies with the half-hour average standard of 500 ug/m ³ .
	NOx (2x 1000 kW Standby Generators & 1x 150 kW Standby Generator + Combustion Equipment)	1115.7 The calculated NOx concentration for the standby generators for simultaneous testing is acceptable since it is below the half-hour average screening level of 1880 ug/m ³ for non-sensitive air receptors.

4. Noise

According to the information supplied in the application documents, the nearest noise sensitive receptor (residences) are located at a distance of greater than 500 metres from the site, to the northwest. The 150 kW generator set, used to provide emergency power for the building at 2000 Innovation Drive is located outdoors in an enclosure. The two (2) generator sets, each rated at 1000 kW, used to provide power for the building at 3000 Innovation Drive are located indoors in the generator room. The 3 generator sets may be tested simultaneously. Given that the nearest noise sensitive receptors are located at a distance of greater than 500 metres from the site, no adverse noise impacts are anticipated, however standard noise conditions will be recommended.

5. EBR

An EBR posting is not required for standby generator sets.

An EBR posting is not required for combustion equipment, where the equipment is not fired with fuel derived from waste, other than wood waste, and is not operated for the purpose of generating heat or electricity for sale.

6. District Comments

No comments were provided by the Ottawa District Office. Comments were due by Oct 22nd, 2010.

Recommendations

Issuance of an approval is recommended with standard noise conditions.

Document Links and Comments:	Insert Comments Here
Attachment Names:	

Ministry of the Environment
Environmental Assessment and
Approvals Branch
Floor 12A
2 St Clair Ave W
Toronto ON M4V 1L5
Fax: (416)314-8452
Telephone: (416)212-3678

Ministère de l'Environnement
Direction des évaluations et des
autorisations environnementales
Étage 12A
2 av St Clair O
Toronto ON M4V 1L5
Télécopieur : (416)314-8452
Téléphone : (416)212-3678



October 6, 2010

Ritch Dusome,
Director of Product Marketing
Cisco Systems Co.
2000 Innovation Dr Kanata
Ottawa, Ontario
K2K 3E8

Dear Mr Dusome:

**Re: Application for Approval of Air
Seek approval to vent emissions from three diesel generators and natural gas
combustion sources.
City of Ottawa**

MOE Reference Number 2330-89XKGW

We acknowledge receipt of your application for approval dated October 1, 2010 and received on October 4, 2010, and an application fee in the amount of \$600.00 for the following:

Approval Type: Air

Project Description: This proposal is for a Certificate of Approval (Air) for Cisco Systems at Kanata, Ottawa. Permission is requested for natural gas combustion sources for the purposes of comfort heating and three(3) diesel generators. Expected emissions to the environment include Nitrogen Oxides, Carbon Monoxide and particulate matter.

Site Location: 2000 Innovation Dr
Kanata, City of Ottawa

The Ministry's reference number for your application is 2330-89XKGW. Please quote this number in any correspondence or enquiries regarding this application.

Please note that your submission has only been screened with respect to the presence of the supporting documentation normally required for this type of application, and did not include any technical analysis of the documentation, and therefore you may still be requested to provide some additional information during our detailed technical review of the application. In such a case, the Reviewer will contact you and/or your identified Project Technical Information Contact at this time.

Also, please note that a duplicate copy of the application and all supporting information should have been sent to the local District Office of the Ministry. If this has not been done, please do so as soon as possible.

Should you have any questions related to your application, please contact me at the above phone number.

Sincerely,

Gail Narine
Application Assessment Officer

c: District Manager, MOE Ottawa
Tara Weerasuriya, ERM Canada Corporation Email: tara.weerasuriya@erm.com



Ministry of the Environment
Ministère de l'Environnement

CERTIFICATE OF APPROVAL
INDUSTRIAL SEWAGE WORKS
NUMBER 1397-7B5NP9
Issue Date: February 12, 2008

Cisco Systems Co.
2000 Innovation Dr
Ottawa, Ontario
K2K 3E8

Site Location: NorthTech Campus
2000 & 3000 Innovation Dr
Ottawa City,

You have applied in accordance with Section 53 of the Ontario Water Resources Act for approval of:

Stormwater management works to serve a Technology Campus Building at the above-referenced location and consisting of the following works outlined for each of the drainage area as shown in drawings 2694-SWM (Stormwater Management and Drainage Area Plan, REV 1, Nov.14, 2006), 2694-S1 (Cisco Building #1, Servicing and Grading Plan, REV 1, Nov. 14, 2006), 2694-S2 (Cisco Building #2, Servicing and Grading Plan, REV 1, Nov. 14, 2006), and 2694-S3 (Rearyard Amenity Area, Servicing and Grading Plan, REV 1, Nov. 14, 2006).

Drainage Area A1

- 16 roof drains with a combined rating 19 litres per second for a head of 3.6 centimetres, conveying run off to an existing 525 millimetre diameter sewer on Innovation Drive

Drainage Area A2

Quantity and Quality Storage

- parking lot, swale and pond storage of approximately 360 cubic metres above the top of the infiltration media;
- infiltration media with an effective storage volume of 217 cubic metres and consisting of 100 millimetre river stone over filter sand and geotextile fabric with an effective opening of 75 microns and two(2) 100 millimetre perforated drains at the subgrade level conveying the filtered run off to an existing 525 millimetre diameter sewer on Innovation Drive

Flow Control:

- 189 millimetre diameter orifice installed on the outlet of DICB rated to deliver approximately 108 litres per second for a head of 1.76 metres;

the run off from the DICB is conveyed to the existing 525 millimetre diameter sewer on Innovation Drive;

Drainage Area A3

Quantity Storage

- parking lot, swale and pond storage of approximately 150 cubic metres;

Flow Control:

- 123 millimetre diameter orifice installed on the outlet of a CBMH rated to deliver approximately 48 litres per second for a head of 1.81 metres to a stormwater interceptor

Quality Control:

a stormwater interceptor rated at 18 litres per second with a sediment storage capacity of 3000 litres and an oil storage capacity of 915 litres;

the run off from the stormwater interceptor is conveyed to the existing 750 millimetre diameter sewer on Innovation Drive;

Drainage Area A4

- 16 roof drains with a combined rating 19 litres per second for a head of 3.6 centimetres, conveying run off to an existing 1200 millimetre diameter sewer on Innovation Drive;

Drainage Area A5

Quantity and Quality Storage

- parking lot, swale and pond storage of approximately 155 cubic metres above the top of the infiltration media;
- infiltration media with an effective storage volume of 84 cubic metres and consisting of 100 millimetre river stone over filter sand and geotextile fabric with an effective opening of 75 microns and two(2) 100 millimetre perforated drains at the subgrade level conveying the filtered run off to an existing 750 millimetre diameter sewer on Innovation Drive

Flow Control:

- 114 millimetre diameter orifice installed on the outlet of DICB rated to deliver approximately 42 litres per second for a head of 2.09 metres;

the run off from the DICB is conveyed to the existing 750 millimetre diameter sewer on Innovation Drive;

Drainage Area A6

Quantity and Quality Storage

- parking lot, swale and pond storage of approximately 245 cubic metres above the top of the infiltration media;
- infiltration media with an effective storage volume of 120 cubic metres and consisting of 100 millimetre river stone over filter sand and geotextile fabric with an effective opening of 75 microns and two(2) 100 millimetre perforated drains at the subgrade level conveying the filtered run off to an existing 1200 millimetre diameter sewer on Innovation Drive;

Flow Control:

- 129 millimetre diameter orifice installed on the outlet of DICB rated to deliver approximately 60 litres per second for a head of 2.48 metres;

the run off from the DICB is eventually conveyed to the existing 1200 millimetre diameter sewer on Innovation Drive;

Drainage Area A7

- swale and pond storage of approximately 209 cubic metres above the top of the infiltration media;
- infiltration media with an effective storage volume of 231 cubic metres and consisting of 100 millimetre river stone over filter sand and geotextile fabric with an effective opening of 75 microns and two(2) 100 millimetre perforated drains at the subgrade level conveying the filtered run off to an existing 525 millimetre diameter sewer on Innovation Drive;

Flow Control:

- 300 millimetre diameter pipe installed at the outlet of DICB, rated to deliver approximately 115 litres per second at a hydraulic grade of 1.29 percent;

the run off from the DICB is eventually conveyed to the existing 525 millimetre diameter sewer on Innovation Drive;

all in accordance with the Application for the Approval of Industrial Sewage works submitted by Cisco Systems Co. and other supporting documents submitted by David McManus Engineering

For the purpose of this Certificate of Approval and the terms and conditions specified below, the following definitions apply:

"Certificate " means this entire certificate of approval document, issued in accordance with Section 53 of the Ontario Water Resources Act, and includes any schedules;

"Director " means any *Ministry* employee appointed by the Minister pursuant to section 5 of the Ontario Water

Resources Act;

"*District Manager* " means the District Manager of the Ottawa District Office of the *Ministry* ;

"*Ministry* " means the Ontario Ministry of the Environment;

"*Owner* " means Cisco Systems Co. and includes its successors and assignees;

"*Works* " means the sewage works described in the *Owner* 's application, this *Certificate* and in the supporting documentation referred to herein, to the extent approved by this *Certificate* .

You are hereby notified that this approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. GENERAL PROVISIONS

- (1) Except as otherwise provided by these Conditions, the *Owner* shall design, build, install, operate and maintain the *Works* in accordance with the description given in this *Certificate* , the application for approval of the works and the submitted supporting documents and plans and specifications as listed in this *Certificate* .
- (2) Where there is a conflict between a provision of any submitted document referred to in this *Certificate* and the Conditions of this *Certificate* , the Conditions in this *Certificate* shall take precedence, and where there is a conflict between the listed submitted documents, the document bearing the most recent date shall prevail.
- (3) Where there is a conflict between the listed submitted documents, and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.

2. EXPIRY OF APPROVAL

The approval issued by this *Certificate* will cease to apply to those parts of the *Works* which have not been constructed within five (5) years of the date of this *Certificate* .

3. CHANGE OF OWNER

The *Owner* shall notify the *District Manager* and the *Director* , in writing, of any of the following changes within thirty (30) days of the change occurring:

(a) change of *Owner* ;

(b) change of address of the *Owner* ;

(c) change of partners where the *Owner* is or at any time becomes a partnership, and a copy of the most recent declaration filed under the Business Names Act, R.S.O. 1990, c.B17 shall be included in

the notification to the *District Manager* ; and

(d) change of name of the corporation where the *Owner* is or at any time becomes a corporation, and a copy of the most current information filed under the Corporations Information Act, R.S.O. 1990, c. C39 shall be included in the notification to the *District Manager* .

4. OPERATION AND MAINTENANCE.

(1) The *Owner* shall inspect the *Works* at least once a year and, if necessary, clean and maintain the *Works* to prevent the excessive buildup of sediments and/or vegetation.

(2) The *Owner* shall maintain a logbook to record the results of these inspections and any cleaning and maintenance operations undertaken, and shall keep the logbook available for inspection by the *Ministry* . The logbook shall include the following:

(a) the name of the *Works* ; and

(b) the date and results of each inspection, maintenance and cleaning, including an estimate of the quantity of any materials removed.

5. RECORD KEEPING

The *Owner* shall retain for a minimum of five (5) years from the date of their creation, all records and information related to or resulting from the operation and maintenance activities required by this *Certificate* .

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

1. Condition 1 is imposed to ensure that the *Works* are built and operated in the manner in which they were described for review and upon which approval was granted. This condition is also included to emphasize the precedence of Conditions in the *Certificate* and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review.
2. Condition 2 is included to ensure that, when the *Works* are constructed, the *Works* will meet the standards that apply at the time of construction to ensure the ongoing protection of the environment..
3. Condition 3 is included to ensure that the Ministry records are kept accurate and current with respect to approved works and to ensure that subsequent owners of the works are made aware of the certificate and continue to operate the works in compliance with it.
4. Condition 4 is included to require that the *Works* be properly operated and maintained such that the environment is protected .
5. Condition 5 is included to require that all records are retained for a sufficient time period to adequately evaluate the long-term operation and maintenance of the *Works* .

In accordance with Section 100 of the Ontario Water Resources Act, R.S.O. 1990, Chapter 0.40, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 101 of the Ontario Water Resources Act, R.S.O. 1990, Chapter 0.40, provides that the Notice requiring the hearing shall state:

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

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the works are located;

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

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
2300 Yonge St., Suite 1700
P.O. Box 2382
Toronto, Ontario
M4P 1E4

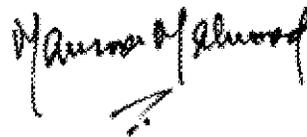
AND

The Director
Section 53, *Ontario Water Resources Act*
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca**

The above noted sewage works are approved under Section 53 of the Ontario Water Resources Act.

DATED AT TORONTO this 12th day of February, 2008



Mansoor Mahmood, P.Eng.
Director
Section 53, *Ontario Water Resources Act*

SK/

c: District Manager, MOE Ottawa
Sean Czaharynski, David McManus Engineering

Ministry of the Environment
Environmental Assessment and
Approvals Branch
Floor 12A
2 St Clair Ave W
Toronto ON M4V 1L5
Fax: (416)314-8452
Telephone: (416) 314-0614

Ministère de l'Environnement
Direction des évaluations et des
autorisations environnementales
Étage 12A
2 av St Clair O
Toronto ON M4V 1L5
Télécopieur : (416)314-8452
Téléphone : (416) 314-0614



February 20, 2007

Michael Polowin, Solicitor of Cisco Systems Co.
Cisco Systems Co.
2000 Innovation Dr
Ottawa, Ontario
K2K 3E8

Dear Sir/Madam:

**Re: Application for Approval of Industrial Sewage Works
Stormwater Management
Ottawa City
MOE Reference Number 4348-6YFRYT**

We acknowledge receipt of your application for approval dated November 20, 2006 and received on February 14, 2007, and an application fee in the amount of \$2200.00 for the following:

Approval Type: Industrial Sewage Works

Project Description: This application is for a stormwater management facilities for Cisco Systems Buildings (Northtech Campus) to control site run-off to 50 L/sec per ha, and to provide water quality treatment for 101 cubic meters per ha. The water quality has been addressed by using a filtration system in the dry ponds and a stormceptor.

Site Location: NorthTech Campus
2000 & 3000 Innovation Dr
Ottawa City, ON

The Ministry's reference number for your application is 4348-6YFRYT. Please quote this number in any correspondence or enquiries regarding this application.

Please note that your submission has only been screened with respect to the presence of the supporting documentation normally required for this type of application, and did not include any technical analysis of the documentation, and therefore you may still be requested to provide some additional information during our detailed technical review of the application. In such a case, the Reviewer will contact you and/or your identified Project Technical Information Contact at this time.

Also, please note that a duplicate copy of the application and all supporting information should have been sent to the local District Office of the Ministry. If this has not been done, please do so as soon as possible.

Should you have any questions related to your application, please contact me at the above phone number.

Sincerely,

Gabriela Pfenig
Application Processor

c: District Manager, MOE Ottawa
Sean Czaharynski, David McManus Engineering

**Ministry of the Environment and
Climate Change**
Operations Division
1st Floor
135 St Clair Ave W
Toronto ON M4V 1P5
Fax: (416) 314-8452
Telephone: (416) 314-7116

**Ministère de l'Environnement et de l'Action
en matière de changement climatique**
Division des Opérations
1er étage
135 av St Clair O
Toronto ON M4V 1P5
Télécopieur : (416) 314-8452
Téléphone : (416) 314-7116



December 17, 2015

Don R. Bird II, Workplace Resources Delivery Manager
Cisco Systems Co.
2000 Innovation Dr Kanata
Ottawa, Ontario
K2K 3E8

Dear Sir:

**Re: Application for Approval of Air
Amendment to ECA # 1958-8GSPLM
City of Ottawa
Reference Number 5521-A3QN36**

We acknowledge receipt of your application for approval dated October 6, 2015 and received on October 16, 2015, and an application fee in the amount of \$600.00 for the following:

Approval Type: Air
Project Description: This proposal is to amend the Environmental Compliance Approval (Air & Noise) No. 1958-8GSPLM for Cisco Systems Co., which operates an engineering office for supporting hardware and software development within two (2) adjacent buildings, located at 2000 and 3000 Innovation Drive in the City of Ottawa, Ontario. The primary activities at the facility include administrative office space and laboratories where computer hardware systems are tested. This application is for the update of the facility's three (3) diesel-powered generators, eight (8) natural gas-fired roof-top heating and cooling units, four (4) unit heaters and four (4) hot-water boilers. Contaminant emissions to the atmosphere include nitrogen oxide and carbon monoxide.

Site Location: 2000 and 3000 Innovation Drive, Kanata
City of Ottawa

The Ministry's reference number for your application is 5521-A3QN36. Please quote this number in any correspondence or enquiries regarding this application.

We have screened your submission for completeness and find that the following additional information/documentation is necessary for us to process your application:

EASR

As per Ontario Regulation 524/98, fuel burning equipment used to provide comfort heating in a building is exempt if the total thermal input of all the fuel burning equipment is less than 1.58 million kilojoules per hour. If the thermal input exceeds 1.58 million kilojoules the activity must be registered in the Environmental Activity and Sector Registry (EASR). Please provide proof of registration to the EASR (if applicable) or a copy of the Section 20.18 order.

Please be advised that should we not receive the above information/documentation or a response with explanations within two weeks of the date of this letter, we will consider your application withdrawn, and close your file accordingly. The submitted fee would then be refunded in the amount reduced by any applicable non-refundable fee.

Please note that your submission has only been screened with respect to the presence of the supporting documentation normally required for this type of application, and did not include any technical analysis of the documentation, and therefore you may still be requested to provide some additional information during our detailed technical review of the application. In such a case, the Reviewer will contact you and/or your identified Project Technical Information Contact at that time.

Also, please note that a duplicate copy of the application and all supporting information should have been sent to the local District Office of the Ministry. If this has not been done, please do so as soon as possible including the missing information/documentation identified above.

Should you have any questions related to your application, please contact me at the above phone number.

Sincerely,

Jennifer Hau
Application Assessment Officer

c: District Manager, MOECC Ottawa
Tara Weearsuriya, ERM Consultants Canada Ltd.; E-mail: tara.weearsuriya@erm.com

AMENDED ENVIRONMENTAL COMPLIANCE APPROVALNUMBER 9908-AC7NZP
Issue Date: July 26, 2016

Cisco Systems Co.
2000 Innovation Drive, Kanata
Ottawa, Ontario
K2K 3E8

Site Location: 2000 and 3000 Innovation Drive, Kanata
City of Ottawa

You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:

- four (4) natural gas-fired rooftop heating/cooling units, two (2) natural gas-fired unit heaters and two (2) natural gas-fired water heaters, located at 2000 Innovation Drive, having a maximum combined thermal input of 2,696,723 kilojoules per hour;
- one (1) standby diesel-fuelled generator set, having a rating of 150 kilowatts, located at 2000 Innovation Drive, to provide power for the building during emergency situations;
- four (4) natural gas-fired rooftop heating/cooling units, two (2) natural gas-fired unit heaters and two (2) natural gas-fired water heaters, located at 3000 Innovation Drive, having a maximum combined thermal input of 2,696,723 kilojoules per hour; and
- two (2) standby diesel-fuelled generator sets, each having a rating of 1,000 kilowatts, located at 3000 Innovation Drive, to provide power for the building during emergency situations;

all in accordance with the following:

1. Environmental Compliance Approval Application dated October 6, 2015 and signed by Don R. Bird II, Workplace Resources Delivery Manager, and all supporting information associated with the application, including the Emission Summary and Dispersion Modelling Report submitted by ERM Consultants Canada Ltd., dated October 9, 2015 and signed by Tara Weerasuriya.
2. Application for Approval (Air & Noise) dated October 1, 2010 and signed by Ritch Dusome,

Director of Product Marketing, and all supporting information associated with the application, including additional information provided by ERM Canada Corporation, dated October 1, 2010 and signed by Tara Weerasuriya.

For the purpose of this environmental compliance approval, the following definitions apply:

1. "Approval" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
2. "Company" means Cisco Systems Co., that is responsible for the construction or operation of the Facility and includes any successors and assigns;
3. "District Manager" means the District Manager of the appropriate local district office of the Ministry where the Facility is geographically located;
4. "EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;
5. "Equipment" means equipment described in the Company's application, this Approval and in the supporting documentation submitted with the application, to the extent approved by this Approval;
6. "Facility" means the entire operation located on the property where the Equipment is located;
7. "Generator Sets" means the emergency diesel generator sets described in the Company's application, this Approval and in the supporting documentation submitted with the application, to the extent approved by this Approval;
8. "Manual" means a document or set of documents that provide written instructions to staff of the Company;
9. "Ministry" means the Ministry of the Government of Ontario responsible for the EPA and includes all officials, employees or other persons acting on its behalf; and
10. "Publication NPC-300" means the Ministry Publication NPC-300, "Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning", August 2013, as amended.

You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

GENERAL

1. Except as otherwise provided by these Conditions, the Company shall design, build, install, operate and maintain the Equipment in accordance with the description given in this Approval,

application for approval of the Equipment and the submitted supporting documents and plans and specifications as listed in this Approval.

2. Where there is a conflict between a provision of any submitted document referred to in this Approval and the Conditions of this Approval, the Conditions in this Approval shall take precedence, and where there is a conflict between the listed submitted documents, the document bearing the most recent date shall prevail.

OPERATION AND MAINTENANCE

3. The Company shall restrict the periodic testing of the Generator Sets to the daytime hours from 7:00 am. to 7:00 pm.
4. The Company shall ensure that the Equipment is properly operated and maintained at all times. The Company shall:
 - (1) prepare, not later than three (3) months after the date of this Approval or the date of commissioning of the Equipment, and update, as necessary, a Manual outlining the operating procedures and a maintenance program for the Equipment, including:
 - (a) routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Equipment suppliers;
 - (b) emergency procedures;
 - (c) procedures for any record keeping activities relating to operation and maintenance of the Equipment; and
 - (d) all appropriate measures to minimize noise and odorous emissions from all potential sources;
 - (2) implement the recommendations of the Manual.

PERFORMANCE

5. The Company shall, at all times, ensure that the noise emissions from the Facility comply with the limits set out in Ministry Publication NPC-300.

RECORD RETENTION

6. The Company shall retain, for a minimum of two (2) years from the date of their creation, all records and information related to or resulting from the recording activities required by this Approval, and make these records available for review by staff of the Ministry upon request. The Company shall retain:

- (1) all records on the maintenance, repair and inspection of the Equipment; and
- (2) all records of any environmental complaints; including:
 - (a) a description, time and date of each incident to which the complaint relates;
 - (b) wind direction at the time of the incident to which the complaint relates; and
 - (c) a description of the measures taken to address the cause of the incident to which the complaint relates and to prevent a similar occurrence in the future.

NOTIFICATION OF COMPLAINTS

7. The Company shall notify the District Manager, in writing, of each environmental complaint within two (2) business days of the complaint. The notification shall include:
 - (1) a description of the nature of the complaint; and
 - (2) the time and date of the incident to which the complaint relates.

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

1. Conditions No. 1 and 2 are imposed to ensure that the Equipment is built and operated in the manner in which it was described for review and upon which approval was granted. These conditions are also included to emphasize the precedence of Conditions in the Approval and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review.
2. Condition No. 3 is included to ensure that the proposed operation, excluding emergency situations, is not extended beyond specific daytime hours to prevent an adverse effect resulting from the operation of the Generator Sets.
3. Condition No. 4 is included to emphasize that the Equipment must be maintained and operated according to a procedure that will result in compliance with the EPA, the regulations, and this Approval.
4. Condition No. 5 is included to provide the minimum performance requirement considered necessary to prevent an adverse effect resulting from the operation of the Equipment.
5. Condition No. 6 is included to require the Company to keep records and to provide information to staff of the Ministry so that compliance with the EPA, the regulations, and this Approval can be verified.
6. Condition No. 7 is included to require the Company to notify staff of the Ministry so as to assist the Ministry with the review of the site's compliance.

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s).
1958-8GSPLM issued on May 20, 2011**

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

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

Pursuant to subsection 139(3) of the Environmental Protection Act, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The environmental compliance approval number;
6. The date of the environmental compliance approval;
7. The name of the Director, and;
8. The municipality or municipalities within which the project is to be engaged in.

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

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

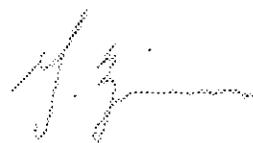
AND

The Director appointed for the purposes of Part II.1
of the Environmental Protection Act
Ministry of the Environment and Climate Change
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.gov.on.ca**

The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.

DATED AT TORONTO this 26th day of July, 2016



Gregory Zimmer, P.Eng.

Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

AD/

c: District Manager, MOECC Ottawa
Tara Weerasuriya, ERM Consultants Canada Ltd.



Subject Waste Generator Inspection Report

Client:	Cisco Systems Co. Mailing Address: 2000 Innovation Dr, Ottawa, Ontario, Canada, K2K 3E8 Physical Address: 2000 Innovation Dr, Ottawa, City, Ontario, Canada, K2K 3E8 Telephone: (613)254-3342 Client #: 3913-6YFRZ8, Client Type: Corporation, NAICS: 33411		
Inspection Site Address:	Cisco Systems Inc. Address: 2000 Innovation Dr, Ottawa, City, K2K 3E8 District Office: Ottawa GeoReference:		
Contact Name:	Michel Besner	Title:	Facilities Manager (CB Richard Ellis Inc.)
Contact Telephone:	(613)254-3521 ext	Contact Fax:	(613)254-3335
Last Inspection Date:			
Inspection Start Date:	2010/07/09	Inspection Finish Date:	2010/07/14
Region:	Eastern		

1.0 INTRODUCTION

Cisco Systems Inc. (the "Company") conducts research at the Site.

Research activities produce minor amounts of subject wastes.

All points within the Site that can produce subject wastes were inspected. The inspection will determine compliance with information filed by Company officials with the Hazardous Waste Information Network ("HWIN").

2.0 INSPECTION OBSERVATIONS

Generator Registration Report No(s)

ON5720990

Date of last registration

2008/03/18

2.1 REGISTERED WASTES

Has the generator, properly registered?

- Yes. The generator has properly registered.
- No. The generator is exempt from generator registration.
- No. The generator has not registered and is not exempt.
- No. The generator has incorrectly classified the subject waste.
- No. The generator is currently registered, but not for all applicable subject wastes.
- No. The generator has incorrectly registered by not completing other required information on HWIN, or by mail-in registration.
- No. The generator has not properly registered all land disposal restriction (LDR) wastes.

The following waste classes are produced under the generator registration number: 112C, 121C, 145H, 146T, 212L, 252L, 263I and

3311. The inspection indicated that no other subject wastes are produced at the Site.

2.2 DESCRIPTION OF PROCESS GENERATING WASTE MATERIALS

Waste automotive batteries constitute waste class 112C.

Waste alkaline batteries from equipment at the Company constitute waste class 121C.

Waste paints (that do not contain aromatic compounds such as toluene or benzene) are included in waste class 145H.

Waste fluorescent light bulbs constitute waste class 146T

Solvents such as isopropanol from cleaning of circuit boards is classified as waste class 212L

Waste compressor oils are classified as 252L.

Small quantities of miscellaneous organic compounds such as spray coating for pipes (containing petroleum distillates) or cans of anti-rust materials for plumbing are classified as waste class 263I.

Aerosol cans that contain gases such as butane or propane are disposed of as waste class 331I.

2.3 MANIFESTING

Has the generator, properly released and manifested all subject waste shipped off site for disposal or reclamation?

- Not applicable
- Yes. The generator has properly released and manifested all subject waste shipped off site for disposal and/or reclamation.
- No. The generator has transported subject waste itself, without a proper Certificate of Approval for the waste type(s).
- No. The generator has released subject waste to a carrier without a proper Certificate of Approval for the waste type(s).
- No. The generator has not completed, or properly completed manifest(s).
- No. The generator has not properly notified the Ministry of the waste shipped.
- No. The generator has used paper manifests and has not retained the green copies for two years.

At the time of inspection, Company officials had three manifests for disposal of subject waste during the last two years.

Company officials presented legible photocopies of manifests for the inspection. However, the photocopies of those manifests were Copy 3 (the yellow copy).

Copy 1 of the manifest was returned to the Ministry within three working days of the subject waste transfer. Company officials retained an electronic copy of each of Copy 1 of the manifests that were sent to the Ministry.

Copy 6 of the manifests (for the past two years) were not available at the time of inspection.

2.4 LAND DISPOSAL RESTRICTION (LDR)

Has the generator complied with the land disposal restriction requirements of Reg. 347?

- Not applicable
- Yes. The generator is in compliance with the applicable land disposal restriction requirements of Reg. 347.
- Yes. The generator is a small quantity generator.
- No. The generator is diluting wastes.
- No. The generator has shipped fully treated characteristic waste without providing a simple statement to the receiver.
- No. The generator has not notified the receiver of land disposal restriction waste shipments on or before the first shipment of the waste stream.
- No. The generator is mixing, blending or bulking waste not for the purposes of treating waste to land disposal restriction standards and does not have a Certificate of Approval that allows mixing, blending or bulking.

A licensed hauler retrieves the subject wastes from the Site.

No subject wastes are processed at the Site. All subject wastes are disposed outside Ontario.

Is treatment required to meet land disposal restriction standards?

- Yes No

2.5 ON-SITE STORAGE

Has the generator been storing all subject waste in accordance with Reg. 347 and in a secure manner as required by the Environmental Protection Act?

- Not applicable
- Yes. All subject wastes are stored in accordance with Reg. 347 and in a secure manner.
- No. The generator has not provided a notice to the Regional Director for subject waste stored for greater than 3 months.
- No. Wastes are stored in such a manner that there is a potential for fire, or explosions.
- No. Wastes are stored in such a manner that there is a potential for a spill that could adversely impact the natural environment.

- No. Wastes are not secured at the site and have been released to the natural environment.
- No. Wastes have been spilled from this site and have had, or are having an adverse impact on the natural environment.
- No. The generator has stored subject waste for a period greater than 24 months without applying for or not in accordance with a Certificate of Approval.

Some subject wastes were stored for more than 90 days and a Subject Waste Storage Report form for each of those subject wastes will be filed with the Ministry.

The area where subject wastes are stored is located within the building and access is restricted to Company employees.

There are no drains or catch-basins within the storage area. Spill clean-up kits are readily available.

2.6 OTHER PERTINENT CERTIFICATE(S) OF APPROVAL FOR THE SITE

There are no other pertinent Certificates of Approval for the Site.

Does on-site disposal of subject waste(s) occur at this site?

- Yes
- No

2.7 DISCHARGE OF WASTES TO MUNICIPAL SEWER(S)

Does the generator discharge subject waste to municipal sewers?

- No. Subject waste is not discharged to the municipal sewers.
- Yes. Subject waste is discharged to the municipal sewers, but the municipality is aware of this practise and the generator is properly registered for all hazardous waste.
- Yes. Subject waste is discharged to municipal sewers, but the municipality is not aware of this practise.
- Yes. Hazardous waste is discharged to municipal sewers, but is not registered.

No subject wastes or other wastes are discharged to municipal sanitary sewers.

3.0 REVIEW OF PREVIOUS NON-COMPLIANCE ISSUES

There are no previous non-compliance issues.

4.0 SUMMARY OF INSPECTION FINDINGS (HEALTH/ENVIRONMENTAL IMPACT)

Was there any indication of a known or anticipated human health impact during the inspection and/or review of relevant material, related to this Ministry's mandate ?

No

Specifics:

Was there any indication of a known or anticipated environmental impact during the inspection and/or review of relevant material ?

No

Specifics:

Was there any indication of a known or suspected violation of a legal requirement during the inspection and/or review of relevant material which could cause a human health impact or environmental impairment ?

Yes

Specifics: Copy 2 and Copy 6 of the manifests (or photocopies) were not retained at the Site or in the possession of Company officials. Please refer to Section 5.0 for required action.

Some subject wastes were stored at the Site for more than 90 days without a Subject Waste Storage Report form.

Was there any indication of a potential for environmental impairment during the inspection and/or the review

of relevant material ?

No

Specifics:

Was there any indication of minor administrative non-compliance?

No

Specifics:

5.0 ACTION(S) REQUIRED

Company officials must ensure that Copy 2 and Copy 6 of the manifests used within the past 24 months are available for inspection.

Company officials must contact the Ministry within 4 weeks if Copy 6 of a manifest is not returned to them.

Company officials cannot retain Copy 3 (the yellow copy). This must be used by the licensed hauler.

Subject Waste Storage Report forms must be filed with the Ministry after 90 days of storage at the Site.

6.0 OTHER INSPECTION FINDINGS

There are no other inspection findings.

7.0 INCIDENT REPORT

Applicable
3658-87BR66

8.0 ATTACHMENTS

PREPARED BY:
Environmental Officer:
Name:
District Office:
Date:
Signature

Tor Rustad
Ottawa District Office
2010/07/15



REVIEWED BY:
District Supervisor:
Name:
District Office:
Date:

Paul Kehoe
Ottawa District Office
2010/07/15

Signature:



File Storage Number: SI OC OT IN 700

Note:

"This inspection report does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they may apply to this facility. It is, and remains, the responsibility of the owner and/or the operating authority to ensure compliance with all applicable legislative and regulatory requirements"



Subject Waste Generator Inspection Report

Client:	Cisco Systems Co. Mailing Address: 2000 Innovation Dr Kanata, Ottawa, Ontario, Canada, K2K 3E8 Physical Address: 2000 Innovation Dr Kanata, Ottawa, City, Ontario, Canada, K2K 3E8 Telephone: (613)254-3497, FAX: (613)254-3717, email: rdusome@cisco.com Client #: 3913-6YFRZ8, Client Type: Corporation, NAICS: 33411 Additional Address Info: Kanata		
Inspection Site Address:	2000 and 3000 Innovation Drive Address: 2000 and 3000 Innovation Dr Kanata, Ottawa, City, K2K 3E8 District Office: Ottawa GeoReference: LIO GeoReference: Zone: 18, UTM Easting: 427421.94, UTM Northing: 5020952.0, Latitude: 45.33832, Longitude: -75.92633		
Contact Name:	Michael Besner	Title:	Facilities Manager, CB Richard Ellis
Contact Telephone:	(613)254-3521 ext	Contact Fax:	(613)254-3335
Last Inspection Date:	2010/07/13		
Inspection Start Date:	2011/10/24	Inspection Finish Date:	2011/10/31
Region:	Eastern		

1.0 INTRODUCTION

Cisco Systems Co. ("Cisco") conducts research at 2000 and 3000 Innovation Drive in the City of Ottawa (the "Site").

The inspection will determine compliance with Regulation 347 under the *Environmental Protection Act*.

2.0 INSPECTION OBSERVATIONS

Generator Registration Report No(s)

ON5720990

Date of last registration

2008/03/18

2.1 REGISTERED WASTES

Has the generator properly registered?

- Yes. The generator has properly registered.
- No. The generator is exempt from generator registration.
- No. The generator has not registered and is not exempt.
- No. The generator has incorrectly classified the subject waste.
- No. The generator is currently registered, but not for all applicable subject wastes.
- No. The generator has incorrectly registered by not completing other required information on HWIN, or by mail-in registration.
- No. The generator has not properly registered all land disposal restriction (LDR) wastes.

All waste streams produced at the Site are registered with the Ministry of the Environment's ("Ministry") Hazardous Waste Information Network ("HWIN").

2.2 DESCRIPTION OF PROCESS GENERATING WASTE MATERIALS

Waste automotive batteries constitute waste class 112C.
 Waste alkaline batteries from equipment at the Company constitute waste class 121C.
 Waste paints (that do not contain aromatic compounds such as toluene or benzene) are included in waste class 145H.
 Waste fluorescent light bulbs constitute waste class 146T
 Solvents such as isopropanol from cleaning of circuit boards is classified as waste class 212L
 Waste compressor oils are classified as 252L.
 Small quantities of miscellaneous organic compounds such as spray coating for pipes (containing petroleum distillates) or cans of anti-rust materials for plumbing are classified as waste class 263I.
 Aerosol cans that contain gases such as butane or propane are disposed of as waste class 331I.

2.3 MANIFESTING

Has the generator properly released and manifested all subject waste shipped off site for disposal or reclamation?

- Not applicable
- Yes. The generator has properly released and manifested all subject waste shipped off site for disposal and/or reclamation.
- No. The generator has transported subject waste itself, without a proper Certificate of Approval for the waste type(s).
- No. The generator has released subject waste to a carrier without a proper Certificate of Approval for the waste type(s).
- No. The generator has not completed, or properly completed manifest(s).
- No. The generator has not properly notified the Ministry of the waste shipped.
- No. The generator has used paper manifests and has not retained the green copies for two years.

Copy 2 and Copy 6 of the manifests for the past two years were available at the time of inspection.

Part A of the manifests were properly completed: the correct generator registration number and waste classes currently registered in HWIN were listed on the manifests. Part A of the manifest was signed by an official at the Company.

Part B of the manifests were completed by the driver who operated the vehicle that forms the certified waste management system.

Part C of Copy 6 of the manifests have been completed by the operator at the authorized waste disposal site.

2.4 LAND DISPOSAL RESTRICTION (LDR)

Has the generator complied with the land disposal restriction requirements of Reg. 347?

- Not applicable
- Yes. The generator is in compliance with the applicable land disposal restriction requirements of Reg. 347.
- Yes. The generator is a small quantity generator.
- No. The generator is diluting wastes.
- No. The generator has shipped fully treated characteristic waste without providing a simple statement to the receiver.
- No. The generator has not notified the receiver of land disposal restriction waste shipments on or before the first shipment of the waste stream.
- No. The generator is mixing, blending or bulking waste not for the purposes of treating waste to land disposal restriction standards and does not have a Certificate of Approval that allows mixing, blending or bulking.

Subject wastes from the Site are removed by a licensed hauler. The subject wastes are taken to an authorized waste disposal site where those subject wastes are transferred to another site in Ontario for treatment, or are sent outside of Ontario for final disposal.

Is treatment required to meet land disposal restriction standards?

- Yes No

2.5 ON-SITE STORAGE

Has the generator been storing all subject waste in accordance with Reg. 347 and in a secure manner as

required by the Environmental Protection Act?

- Not applicable
- Yes. All subject wastes are stored in accordance with Reg. 347 and in a secure manner.
- No. The generator has not provided a notice to the Regional Director for subject waste stored for greater than 3 months.
- No. Wastes are stored in such a manner that there is a potential for fire, or explosions.
- No. Wastes are stored in such a manner that there is a potential for a spill that could adversely impact the natural environment.
- No. Wastes are not secured at the site and have been released to the natural environment.
- No. Wastes have been spilled from this site and have had, or are having an adverse impact on the natural environment.
- No. The generator has stored subject waste for a period greater than 24 months without applying for or not in accordance with a Certificate of Approval.

All subject wastes are stored in a locked, fenced compound within the building at the shipping and receiving area at the Site. Only authorized personnel have access to this storage site. Containment basins prevent subject wastes (waste oil) from entering any drains at the Site.

2.6 OTHER PERTINENT CERTIFICATE(S) OF APPROVAL FOR THE SITE

There are no other pertinent Certificates of Approval.

Does on-site disposal of subject waste(s) occur at this site?

- Yes No

2.7 DISCHARGE OF WASTES TO MUNICIPAL SEWER(S)

Does the generator discharge subject waste to municipal sewers?

- No. Subject waste is not discharged to the municipal sewers.
- Yes. Subject waste is discharged to the municipal sewers, but the municipality is aware of this practise and the generator is properly registered for all hazardous waste.
- Yes. Subject waste is discharged to municipal sewers, but the municipality is not aware of this practise.
- Yes. Hazardous waste is discharged to municipal sewers, but is not registered.

Subject wastes are not discharged to municipal sanitary sewers. A sump area within the loading dock is connected to municipal sanitary sewers, but waste oil and waste oily water rarely enters the sump (and sanitary sewers).

3.0 REVIEW OF PREVIOUS NON-COMPLIANCE ISSUES

Copy 2 and 6 of the manifests were available for inspection. Copy 6 of any manifests were returned to Company officials within 4 weeks of a waste transfer. Company officials did not have in their possession any manifest copies that the carrier or receiver requires, such as Copy 3 or Copy 5.

Storage Report Forms for all subject wastes stored at the Site were previously filed with the Ministry.

4.0 SUMMARY OF INSPECTION FINDINGS (HEALTH/ENVIRONMENTAL IMPACT)

Was there any indication of a known or anticipated human health impact during the inspection and/or review of relevant material, related to this Ministry's mandate ?

No

Specifics:

Was there any indication of a known or anticipated environmental impact during the inspection and/or review of relevant material ?

No

Specifics:

Was there any indication of a known or suspected violation of a legal requirement during the inspection and/or review of relevant material which could cause a human health impact or environmental impairment ?

No

Specifics:

Was there any indication of a potential for environmental impairment during the inspection and/or the review of relevant material ?

No

Specifics:

Was there any indication of minor administrative non-compliance?

No

Specifics:

5.0 ACTION(S) REQUIRED

No further action is required.

6.0 OTHER INSPECTION FINDINGS

Unused refrigerant gases (and the metal containers) are returned to the manufacturer where it is wholly recycled.

7.0 INCIDENT REPORT

Not Applicable

8.0 ATTACHMENTS

PREPARED BY:

Environmental Officer:

Name:

Tor Rustad

District Office:

Ottawa District Office

Date:

2011/10/28

Signature



REVIEWED BY:

District Supervisor:

Name:

Tara MacDonald

District Office:

Ottawa District Office

Date:

2011/11/01

Signature:



File Storage Number:

SI OT KA CI 700

Note:

"This inspection report does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they may apply to this facility. It is, and remains, the responsibility of the owner and/or the operating authority to ensure compliance with all applicable legislative and regulatory requirements"

Appendix F

HLUI

October 15, 2025

Stephanie Joyce
WSP Canada

Sent via email Stephanie.Joyce@arcadis.com

Dear Stephanie Joyce,

**Re: Information Request
2000-3000 Innovation Drive, Ottawa, Ontario (“Subject Property”)**

Internal Department Circulation:

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Property:

- **Environmental Remediation Unit:** The City’s Environmental Remediation Unit (ERU) does not have any environmental records for this property.
- Please note the proximity to a former Environmental Risk Management Area whose information is attached within the HLUI Summary Report.
- **Ottawa Public Health - Environmental Health:** all public inspection results are publicly available on the Ottawa Public Health website:
<https://www.ottawapublichealth.ca/en/public-health-services/public-health-inspections.aspx>
- **Sewer Use Program:** No records found for this property
- **Solid Waste Services:** No records found for this property

Documents Provided:

HLUI Summary Report and HLUI Map

The HLUI Summary Report Excel spreadsheet identifies HLUI area, point and line features within 250 metres of the Subject Property, as shown on the provided HLUI Map PDF. Within 500 metres of the Subject Property, landfills and Environmental Risk Management Area (ERMA) are also identified if applicable.

For more information on how to interpret the HLUI data identified in the attached excel sheet (‘ADDRESS – HLUI Summary report.xlsx’), please refer to the [Overview and User Guide.](#)”

Additional information may be obtained by contacting:

Ontario's Environmental Registry

The Environmental Registry found at <https://ero.ontario.ca/> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using key words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

The Ontario Land Registry Office

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House
161 Elgin Street 4th Floor
Ottawa ON K2P 2K1
Tel: (613) 239-1230
Fax: (613) 239-1422

Ottawa Public Health

Ottawa Public Health inspects many different types of establishments. To view inspection results, please visit the Ottawa Public Health website: [Public Health Inspections - Ottawa Public Health](#)

Please note that Ottawa Public Health is not the lead agency on land use contamination in the City of Ottawa – contact the Ministry of Environment Conservation and Parks (MECP) for further information.

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an “as is” basis with no representation or warranty by the City with respect to the information’s accuracy or exhaustiveness in responding to the request.

Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.

Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.

If you have any further questions or comments, please contact HLUI@ottawa.ca.

Sincerely,

Evan Mathis

Student Planner

Development Review

Planning, Development and Building Services Department

Enclosures:

1. HLUI Map

cc: File no. D06-03-25-0102

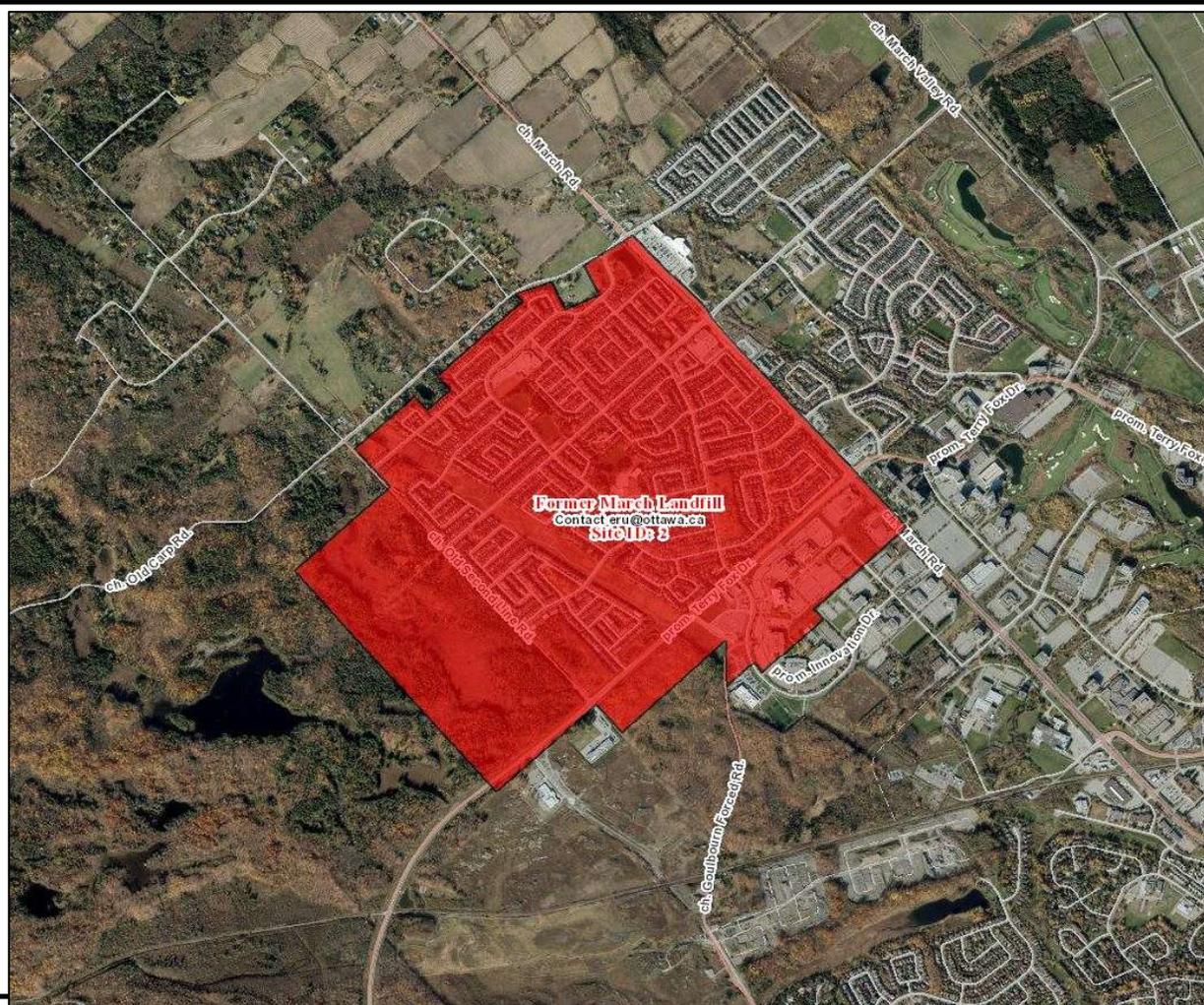
OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	ST_DIR	MUNICIPALITY	ST_NUM2017	ST_NAME2017	ST_SUFFIX2017	ST_DIR2017	POSTAL_CODE2017	PIN2017	MUNICIPALITY2017	NAICS	SIC	Shape_Length	Shape_Area
4886	DALTCO ELECTRIC 1979	Wholesale trade	2012-ES	1			93.0000000 00000000	HINES	RD			93	HINES	RD		K2K2M5	045180006	KANATA	416110		12134.052062379001654	441.644429860138018
9000	CISCO SYSTEMS INC	Wire and Wire Products Industries	2001-ES; 2016-PID	1	2001-2016	c. 2001	3000.00000 000000000 0	INNOVATION	DR		KANATA	3000	INNOVATION	DR		K2K3J9	045180109	KANATA	334512		35036.287935929896776	904.322951959615011
4884	RESEARCH IN MOTION	Manufacturing	2012-ES	1			5050.00000 000000000 0	INNOVATION	DR			5050	INNOVATION	DR		K2K0J2	045180123	KANATA	334290		31844.902860835602041	723.13677975949025
8328	DOW BUILDING CLEANERS	Service Industries Incidental to Air Transport	2001-ES; 2005-SelectPhone	1	2001-2005		93.0000000 00000000	HINES	RD			93	HINES	RD		K2K2M5	045180006	Kanata			12134.052062379001654	441.644429860138018
9126	RBR	Other-Manufacture	2012-ES	1	2012	ES 2012	95.0000000 00000000	HINES	RD			93	HINES	RD		K2K2M5	045180006	KANATA	336320; 339990		12134.052062379001654	441.644429860138018
9127	SECURE-T-BARS	Ornamental and Architectural Metal Products Industries	1998-SC	1	1998	c. 1998	95.0000000 00000000	HINES	RD		KANATA	93	HINES	RD		K2K2M5	045180006	KANATA	327215; 332321; 332329	303	12134.052062379001654	441.644429860138018
10677	ENTRUST LIMITED	Manufacturing	2006-ES; 2012-ES	1			1000.00000 000000000 0	INNOVATION	DR			1000	INNOVATION	DR		K2K3E7	045180076	KANATA	334290		35640.510481643003004	874.147424539924032
5610	MARCONI KANATA	Manufacturing	2006-ES	1			1125.00000 000000000 0	INNOVATION	DR			1125	INNOVATION	DR		K2K3G6	045180078	KANATA	334290		28364.168074848701508	748.007112523313026
9132	OMEGA TELEMUS INC	Communication and Other Electronic Equipment Industries	1998-KBD	1	1998	c. 1998	95.0000000 00000000	HINES	RD		KANATA	93	HINES	RD		K2K2M5	045180006	KANATA	334210; 334220; 334410; 334511	335	12134.052062379001654	441.644429860138018
5266	RESEARCH IN MOTION	Manufacturing	2012-ES	1			4000.00000 000000000 0	INNOVATION	DR			4000	INNOVATION	DR		K2K3K1	045180112	KANATA	334290		31020.017906791101268	742.756640838849080
7455	FORMER MARCH LANDFILL	Environmental Risk Assessment	2017-CityofOttawa-RemediationUnit; 2017-CityofOttawa-Landfill	1	2017																3227034.077872369904071	8320.620787405150622
4887	LASER LINE OPTICS CANADA	Manufacturing	2012-ES	1			93.0000000 00000000	HINES	RD			93	HINES	RD		K2K2M5	045180006	KANATA	326198		12134.052062379001654	441.644429860138018
5265	ENGINEERINGSHOCK	Manufacturing	2012-ES	1			4000.00000 000000000 0	INNOVATION	DR			4000	INNOVATION	DR		K2K3K1	045180112	KANATA	334410		31020.017906791101268	742.756640838849080
9130	BURNSCO TECHNOLOGIES	Other Machinery, Equipment and Supplies, Wholesale	1998-KBD	1	1998	c. 1998	93.0000000 00000000	HINES	RD		KANATA	93	HINES	RD		K2K2M5	045180006	KANATA	417990; 811420	579	12134.052062379001654	441.644429860138018
4888	L-D TOOL & DIE	Manufacturing	2001-ES	1			93.0000000 00000000	HINES	RD			93	HINES	RD		K2K2M5	045180006	KANATA	333220		12134.052062379001654	441.644429860138018

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	ST_DIR	MUNICIPALITY	ST_NUM2017	ST_NAME2017	ST_SUFFIX2017	ST_DIR2017	POSTAL_CODE2017	PIN2017	MUNICIPALITY2017	NAICS	SIC	Shape_Length	Shape_Area
7326	MOSAID TECHNOLOGIES INC	Office, Store and Business Machine Industries	1998-KBD-Addendum; 1999-TeleDirect; 2000-PID; 2004-GWStudy	1	1988-2000	c. 1998; c. 2000	11.00000000 00000000	HINES	RD		KANATA	11	HINES	RD		K2K2X1	045180052	KANATA	334110; 334210; 334220; 334410; 334511	335	19555.760523076201935	573.951234575292915
9133	CIMCO REFRIGERATION	Construction	2006-ES; 2016-PID	1	2016	PID2016	93.00000000 00000000	HINES	RD		KANATA	93	HINES	RD		K2K2M5	045180006	KANATA	238299		12134.052062379001654	441.644429860138018
8660	BLACKBERRY LIMITED	Telephone Equipment & Systems-Mfrs	2016-PID; 2017-SalesGenie	1	2016-2017	PID2016	4000.00000 000000000 0	INNOVATION	DR		KANATA	4000	INNOVATION	DR		K2K3K1	045180112	KANATA	334210		31020.017906791101268	742.756640838849080
9128	WESCAR CORPORATION	Interior and Finishing Work	2000-PID; 2001-ES; 2004-GWStudy; 2005-SelectPhone	1	1998-2000	c. 1998; c. 2000; c. 2001; c. 2005	95.00000000 00000000	HINES	RD		KANATA	93	HINES	RD		K2K2M5	045180006	KANATA	238210; 238220; 238320; 238910; 326130; 332314; 332611; 334210; 334220; 334410; 334511; 335120	309; 335	12134.052062379001654	441.644429860138018
9004	FLEXUS ELECTRONICS	Communication and Other Electronic Equipment Industries	2004-GWStudy; 2006-ES; 2012-ES; 2016-PID; 2017-SalesGenie	1	2012-2017	ES 2012	95.00000000 00000000	HINES	RD			93	HINES	RD		K2K2M5	045180006	KANATA	336320; 339990		12134.052062379001654	441.644429860138018
9129	VALUE ADDED SOLUTIONS INC	Leather and Allied Products Industries	2001-ES	1	2001	c. 2001	95.00000000 00000000	HINES	RD		KANATA	93	HINES	RD		K2K2M5	045180006	KANATA	332999		12134.052062379001654	441.644429860138018
9131	L D TOOL & DIE	Other Plastic Products Industries, Moulds (Injection), Plastic Products (Injection Moulded)	1998-KBD; 1998-SC; 2001-ES; 2004-GWStudy; 2005-SelectPhone	1	1998-2005	c. 1998; c. 2001; c. 2005	93.00000000 00000000	HINES	RD			93	HINES	RD		K2K2M5	045180006	KANATA	326140; 326150; 326198; 332510; 333220; 333511; 333519	161; 306	12134.052062379001654	441.644429860138018

Environmental Risk Management Area (ERMA)

Site ID: 2

TERRY FOX DRIVE AT MARCH ROAD – FORMER MARCH LANDFILL



The historic March Landfill operated in this area from 1963 to 1974. There is known groundwater contamination (chlorinated solvents) that extends about 1.5 km from the former March Landfill. Special consideration should be given for projects involving management of groundwater (i.e. contact w/ groundwater, pumping and/or dewatering).

For more information please contact the City's Environmental Remediation Unit (ERU) at ERU-UAE@ottawa.ca

Appendix G

ECOLOG ERIS



DATABASE REPORT

Project Property: CISCO
2000 and 3000 Innovation Drive
Ottawa ON K2K 3E8

Project No: 30270525-01

Report Type: RSC Report - Quote

Order No: 25091500067

Requested by: Arcadis Canada Inc.

Date Completed: October 1, 2025

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Executive Summary

Property Information:

Project Property: CISCO
2000 and 3000 Innovation Drive Ottawa ON K2K 3E8

Project No: 30270525-01

Order Information:

Order No: 25091500067
Date Requested: September 15, 2025
Requested by: Arcadis Canada Inc.
Report Type: RSC Report - Quote

Historical/Products:

Aerial Photographs Aerials - National Collection
City Directory Search CD - Subject Site
ERIS Xplorer [ERIS Xplorer](#)
Insurance Products Fire Insurance Maps/Inspection Reports/Site Plans
Land Title Search Historical Land Title Search
Topographic Map RSC Maps

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</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	2	5	7
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<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
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	2	2
EBR	<i>Environmental Registry</i>	Y	0	4	4
ECA	<i>Environmental Compliance Approval</i>	Y	3	21	24
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	21	21
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	0	0
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	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	14	76	90
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
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
NPR2	<i>National Pollutant Release Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory - Historic</i>	Y	0	0	0
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
PFAS	<i>Ontario PFAS Spills</i>	Y	0	0	0
PFCH	<i>NPRI Reporters - PFAS Substances</i>	Y	0	0	0
PFHA	<i>Potential PFAS Handlers from NPRI</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PPHA	<i>Potential PFAS Handlers from EASR</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
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	12	12
SPL	<i>Ontario Spills</i>	Y	4	10	14
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

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	8	8
<hr/>			Total:	23	159
					182

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	GEN	CISCO SYSTEMS	2000 INNOVATION DRIVE OTTAWA ON K2K 3E8	E/0.0	-1.08	44
1	GEN	Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K 3E8	E/0.0	-1.08	45
1	GEN	Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K 3E8	E/0.0	-1.08	45
1	GEN	Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K 3E8	E/0.0	-1.08	46
1	GEN	Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K 3E8	E/0.0	-1.08	47
1	GEN	Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K 3E8	E/0.0	-1.08	48
1	GEN	Cisco Systems Inc.	2000 Innovation Drive Kanata ON	E/0.0	-1.08	49
1	GEN	Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K3E8	E/0.0	-1.08	51

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	GEN	Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K3E8	E/0.0	-1.08	52
1	GEN	Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K3E8	E/0.0	-1.08	54
1	GEN	Cisco Systems Inc. Ottawa Campus	2000 Innovation Drive Kanata ON K2K3E8	E/0.0	-1.08	55
1	GEN	Cisco Systems Inc. Ottawa Campus	2000 Innovation Drive Kanata ON K2K3E8	E/0.0	-1.08	57
1	GEN	Cisco Systems Inc. Ottawa Campus	2000 Innovation Drive Kanata ON K2K3E8	E/0.0	-1.08	58
1	GEN	Cisco Systems Inc.	2000 Innovation Drive Kanata ON	E/0.0	-1.08	60
2	CA	Cisco Systems Co.	2000 & 3000 Innovation Dr Ottawa ON	WSW/0.0	2.00	65
2	CA	Cisco Systems Co.	2000 and 3000 Innovation Dr Kanata Ottawa ON	WSW/0.0	2.00	65
2	ECA	Cisco Systems Co.	2000 and 3000 Innovation Dr Kanata Ottawa ON K2K 3E8	WSW/0.0	2.00	66
2	ECA	Cisco Systems Co.	2000 & 3000 Innovation Dr Ottawa ON K2K 3E8	WSW/0.0	2.00	66

<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>
2	ECA	Cisco Systems Co.	2000 and 3000 Innovation Dr Kanata Ottawa ON K2K 3E8	WSW/0.0	2.00	66
2	SPL	Hydro Ottawa Limited	3000 Innovation Dr. Ottawa ON	WSW/0.0	2.00	67
2	SPL		3000 Innovation Drive Kanata, ON K2K 3E8 OTTAWA ON	WSW/0.0	2.00	67
2	SPL		3000 Innovation Drive, Ottawa OTTAWA ON	WSW/0.0	2.00	68
3	SPL		OTTAWA ON	ENE/0.0	-4.00	69

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	WWIS		lot 8 con 3 ON Well ID: 1519892	SSE/26.4	2.00	70
4	WWIS		lot 8 con 3 ON Well ID: 1520590	SSE/26.4	2.00	73
4	WWIS		lot 8 con 3 ON Well ID: 1523444	SSE/26.4	2.00	77
5	CA	2113007 Ontario Inc.	4000 Innovation Dr Ottawa ON	WNW/35.2	2.00	80
5	ECA	2113007 Ontario Inc.	4000 Innovation Dr Ottawa ON N2L 3W8	WNW/35.2	2.00	80
5	EHS		4000 Innovation Drive Ottawa ON Kanata ON K2K 3K1	WNW/35.2	2.00	81
5	GEN	Research In Motions Limited	4000 Innovation Drive Kanata ON K2K 3K1	WNW/35.2	2.00	81
5	GEN	Research In Motions Limited	4000 Innovation Drive Kanata ON K2K 3K1	WNW/35.2	2.00	81
5	GEN	Research In Motions Limited	4000 Innovation Drive Kanata ON K2K 3K1	WNW/35.2	2.00	82
5	GEN	Research In Motions Limited	4000 Innovation Drive Kanata ON K2K 3K1	WNW/35.2	2.00	82
5	GEN	BlackBerry Limited	4000 Innovation Drive Kanata ON	WNW/35.2	2.00	83
5	GEN	BlackBerry Limited	4000 Innovation Drive Kanata ON K2K 3K1	WNW/35.2	2.00	84

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>5</u>	GEN	BlackBerry Limited	4000 Innovation Drive Kanata ON K2K 3K1	WNW/35.2	2.00	<u>85</u>
<u>5</u>	GEN	BlackBerry Limited	4000 Innovation Drive Kanata ON K2K 3K1	WNW/35.2	2.00	<u>86</u>
<u>5</u>	GEN	BlackBerry Limited	4000 Innovation Drive Kanata ON K2K 3K1	WNW/35.2	2.00	<u>86</u>
<u>5</u>	GEN	BlackBerry Limited	4000 Innovation Drive Kanata ON K2K 3K1	WNW/35.2	2.00	<u>88</u>
<u>5</u>	GEN	Colonnade Bridgeport Realty Management	4000 Innovation Drive Ottawa ON	WNW/35.2	2.00	<u>91</u>
<u>6</u>	EBR	2118777 Ontario Inc.	5050 Innovation Drive Ottawa K2K 3K1 CITY OF OTTAWA ON	NW/58.8	0.69	<u>92</u>
<u>6</u>	ECA	2118777 Ontario Inc.	5050 Innovation Drive City of Ottawa ON	NW/58.8	0.69	<u>92</u>
<u>6</u>	ECA	Innovation Blvd. I, LLC	5050 Innovation Dr Ottawa ON 19801	NW/58.8	0.69	<u>92</u>
<u>6</u>	ECA	2118777 Ontario Inc.	5050 Innovation Dr Ottawa ON K2K 3K1	NW/58.8	0.69	<u>93</u>
<u>6</u>	ECA	2118777 Ontario Inc.	5050 Innovation Dr Ottawa ON K2K 3K1	NW/58.8	0.69	<u>93</u>
<u>6</u>	EHS		5050 Innovation Drive And 96 Hines Road Ottawa ON	NW/58.8	0.69	<u>93</u>
<u>6</u>	GEN	Research In Motion Limited	5050 Innovation Drive Kanata ON	NW/58.8	0.69	<u>94</u>
<u>6</u>	GEN	BlackBerry Limited	5050 Innovation Drive Kanata ON	NW/58.8	0.69	<u>94</u>

<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>
6	GEN	BlackBerry Limited	5050 Innovation Drive Kanata ON K2K 3K1	NW/58.8	0.69	94
6	SPL		5050 Innovation Drive Ottawa ON	NW/58.8	0.69	95
6	SPL		5050 Innovation Drive, Ottawa Ottawa ON K2K 0J2	NW/58.8	0.69	95
6	SPL		5050 Innovation Drive, Ottawa OTTAWA ON	NW/58.8	0.69	96
6	SPL		5050 Innovation Drive, Ottawa OTTAWA ON	NW/58.8	0.69	97
7	EHS		2101 Innovation Dr Ottawa ON	ESE/59.4	-0.69	98
8	EHS		Conc III, Lot 8,9 Ottawa ON	WSW/70.5	5.86	98
9	EASR	CITY OF OTTAWA	4101 Innovation DR Ottawa ON K4A 0X3	WSW/96.9	6.02	98
9	GEN	City Of Ottawa RCFS/FOS	4101 Innovation Drive Kanata ON K2K0J3	WSW/96.9	6.02	99
9	GEN	City Of Ottawa RCFS/FOS	4101 Innovation Drive Kanata ON K2K0J3	WSW/96.9	6.02	99
9	GEN	City of Ottawa Facility Operations Service	4101 Innovation Drive Ottawa ON	WSW/96.9	6.02	100
10	EHS		119 Hines Road Kanata ON	NNW/109.0	-1.81	101
11	EHS		4000 Innovation Dr Ottawa ON K2K3K1	NNW/113.2	-1.81	102

<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>
12	GEN	GAN SYSTEMS	1145 INNOVATION DRIVE OTTAWA ON K2K 3G8	ENE/118.7	-6.05	102
13	EHS		1125 Innovation Dr Kanata ON K2K 3G6	ENE/124.6	-6.00	104
14	EHS		1145 Innovation Drive Ottawa ON	ENE/129.6	-6.17	104
14	GEN	SKYWAVE MOBILE COMMUNICATIONS	1145 INNOVATION DRIVE SUITE 288 KANATA ON K2K 3G8	ENE/129.6	-6.17	105
14	GEN	SKYWAVE MOBILE COMMUNICATIONS	1145 INNOVATION DRIVE SUITE 288 KANATA ON K2K 3G8	ENE/129.6	-6.17	105
14	GEN	GAN SYSTEMS	1145 INNOVATION DRIVE OTTAWA ON K2K 3G8	ENE/129.6	-6.17	105
14	GEN	GAN SYSTEMS	1145 INNOVATION DRIVE OTTAWA ON K2K 3G8	ENE/129.6	-6.17	106
14	GEN	GAN SYSTEMS	1145 INNOVATION DRIVE OTTAWA ON K2K 3G8	ENE/129.6	-6.17	106
14	GEN	GAN SYSTEMS	1145 INNOVATION DRIVE OTTAWA ON K2K 3G8	ENE/129.6	-6.17	106
14	SCT	SkyWave Mobile Communications	1145 Innovation Dr Suite 288 Kanata ON K2K 3G8	ENE/129.6	-6.17	107
15	CA	GE Canada Real Estate Equity Company	1000 Innovation Dr Ottawa ON	NE/138.1	-3.97	107
15	EBR	GE Canada Real Estate Equity Company	1000 Innovation Drive Ottawa K2K 3E7 CITY OF OTTAWA ON	NE/138.1	-3.97	107
15	ECA	Innovation Blvd. I, LLC	1000 Innovation Dr Ottawa ON 19801	NE/138.1	-3.97	108

<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>
15	ECA	GE Canada Real Estate Equity Company	1000 Innovation Dr Ottawa ON K1P 5V9	NE/138.1	-3.97	108
15	EHS		1000 Innovation Drive Ottawa ON	NE/138.1	-3.97	108
15	EHS		1000 Innovation Drive Kanata (Ottawa) ON K2K 3E7	NE/138.1	-3.97	109
15	EHS		1000 Innovation Drive Ottawa ON	NE/138.1	-3.97	109
15	EHS		1000 Innovation Drive Ottawa ON	NE/138.1	-3.97	109
15	EHS		1000 Innovation Dr Ottawa ON K2K3E7	NE/138.1	-3.97	109
15	EHS		1000 Innovation Drive Kanata ON K2K 3E7	NE/138.1	-3.97	109
15	GEN	Entrust	1000 Innovation Drive Ottawa ON K2K 3E7	NE/138.1	-3.97	110
15	GEN	COMINAR REAL ESTATE INVESTMENT TRUST	1000 Innovation Dr Ottawa ON K2K 3E7	NE/138.1	-3.97	110
15	GEN	Juniper Networks Canada Inc	1000 Innovation Drive Kanata ON K2K 3E7	NE/138.1	-3.97	111
15	GEN	Juniper Networks Canada Inc	1000 Innovation Drive Kanata ON K2K 3E7	NE/138.1	-3.97	111
15	GEN	Juniper Networks Canada Inc	1000 Innovation Drive Kanata ON K2K 3E7	NE/138.1	-3.97	112
15	SCT	Plasco Energy Group Inc.	1000 Innovation Dr Suite 400 Kanata ON K2K 3E7	NE/138.1	-3.97	114

<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>
16	CA	MOSAID TECHNOLOGIES INC.	11 HINES ROAD KANATA CITY ON K2K 2X1	E/153.5	-5.00	115
16	EBR	Mosaid Technologies Inc.	11 Hines Road, Plan 4M-417, Block 2 Kanata ON	E/153.5	-5.00	115
16	GEN	MOSAID TECHNOLOGIES INCORPORATED	11 HINES ROAD KANATA ON K2K 2M5	E/153.5	-5.00	115
16	GEN	Ranovus	11 Hines Road Ottawa ON	E/153.5	-5.00	116
16	SCT	MOSAID Technologies Inc.	11 Hines Rd Suite 203 Ottawa ON K2K 2X1	E/153.5	-5.00	117
16	SCT	TenXc Wireless Inc.	11 Hines Rd Suite 200 Kanata ON K2K 2X1	E/153.5	-5.00	117
17	EHS		1125 Innovation Drive Ottawa ON	ENE/163.9	-6.00	117
18	GEN	Skyworks Solutions	1135 Innovation Drive Ottawa ON K2K 3G7	ENE/166.6	-6.00	117
18	GEN	Skyworks Solutions	1135 Innovation Drive Ottawa ON K2K 3G7	ENE/166.6	-6.00	118
18	GEN	Skyworks Solutions	1135 Innovation Drive Ottawa ON	ENE/166.6	-6.00	118
19	EHS		1125-35-45 Innovation Drive Ottawa ON	ENE/175.0	-5.43	121
20	EASR	CIENA CANADA, INC.	385 TERRY FOX DR KANATA ON K2K 0L1	NNW/178.7	0.00	121
21	GEN	Ciena Canada, ULC	385 Terry Fox Drive Ottawa ON	NNW/185.2	0.00	122

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
22	WWIS		TERRY FOX/ INNOVATION DRIVE #1 lot 9 con 3 KANATA ON Well ID: 7270151	W/185.6	3.69	126
23	GEN	Ciena Corporation	385 Terry Fox Drive Ottawa ON K2K 0L1	NNW/189.4	0.00	128
23	GEN	Ciena Corporation	385 Terry Fox Drive Ottawa ON K2K 0L1	NNW/189.4	0.00	129
23	GEN	Ciena Corporation	385 Terry Fox Drive Ottawa ON K2K 0L1	NNW/189.4	0.00	130
24	EHS		1145 Innovation Drive Ottawa (Kanata) ON K2K 3G8	ENE/206.3	-4.95	131
25	GEN	L-D TOOL & DIE.	93 HINES ROAD KANATA ON K2K 2M5	NNE/207.6	-1.55	131
25	GEN	L-D TOOL & DIE	93 HINES ROAD KANATA ON K2K 2M5	NNE/207.6	-1.55	131
25	GEN	Madix Engineering Inc	93 HINES ROAD KANATA ON K2K 2M5	NNE/207.6	-1.55	132
25	GEN	Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	NNE/207.6	-1.55	132
25	GEN	Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	NNE/207.6	-1.55	132
25	GEN	Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	NNE/207.6	-1.55	133
25	GEN	Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	NNE/207.6	-1.55	133
25	GEN	Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	NNE/207.6	-1.55	133

<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>
25	GEN	Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON	NNE/207.6	-1.55	134
25	GEN	Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	NNE/207.6	-1.55	134
25	GEN	Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	NNE/207.6	-1.55	135
25	GEN	Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	NNE/207.6	-1.55	135
25	GEN	Cimco Refrigeration Toromont Industries	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	NNE/207.6	-1.55	136
25	GEN	Cimco Refrigeration Toromont Industries	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	NNE/207.6	-1.55	136
25	GEN	Cimco Refrigeration Toromont Industries	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	NNE/207.6	-1.55	137
25	GEN	Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	NNE/207.6	-1.55	137
25	GEN	Cimco Refrigeration	93 Hines Road Kanata ON	NNE/207.6	-1.55	141
25	SCT	L-D TOOL & DIE	93 HINES RD UNIT 1 KANATA ON K2K 2M5	NNE/207.6	-1.55	141
25	SCT	L-D TOOL & DIE	93 HINES RD KANATA ON K2K 2M5	NNE/207.6	-1.55	141
25	SCT	L-D Tool & Die Inc.	93 Hines Rd Kanata ON K2K 2M5	NNE/207.6	-1.55	142
25	SCT	L-D Tool & Die Inc. - Div. of Madix Engineering Inc.	93 Hines Rd Unit 1 Kanata ON K2K 2M5	NNE/207.6	-1.55	142

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
25	SCT	CIMCO Refrigeration	93 Hines Rd Unit 7 Kanata ON K2K 2M5	NNE/207.6	-1.55	142
25	SCT	Daltco Electric & Supply	93 Hines Rd Kanata ON K2K 2M5	NNE/207.6	-1.55	142
25	SPL	Cimco Refrigeration<UNOFFICIAL>	93 Hines Rd Ottawa ON	NNE/207.6	-1.55	143
26	EBR	Wescar Corp.	93 & 95 Hines Rd Ottawa Ontario K2K 2M5 Ottawa ON	NNE/215.0	-1.69	144
26	ECA	Wescar Corp.	93 & 95 Hines Rd Ottawa ON K2K 2M5	NNE/215.0	-1.69	144
26	EHS		95 Hines Road Ottawa ON	NNE/215.0	-1.69	144
26	GEN	WESCAR CORPORATION	95 HINES ROAD KANATA ON K2K 2M5	NNE/215.0	-1.69	145
26	GEN	WESCAR CORP.	95 Hines Road KANATA ON K2K 2M5	NNE/215.0	-1.69	145
26	GEN	WESCAR CORP.	95 Hines Road KANATA ON K2K 2M5	NNE/215.0	-1.69	146
26	GEN	WESCAR CORP.	95 Hines Road KANATA ON K2K 2M5	NNE/215.0	-1.69	147
26	GEN	WESCAR CORP.	95 Hines Road KANATA ON K2K 2M5	NNE/215.0	-1.69	148
26	GEN	954050 ONTARIO INC.	95HINES RD KANATA ON	NNE/215.0	-1.69	149
26	GEN	Flexus Electronics	95 Hines rd Kanata ON	NNE/215.0	-1.69	150

<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>
26	GEN	954050 ONTARIO INC.	95HINES RD KANATA ON	NNE/215.0	-1.69	150
26	GEN	Flexus Electronics	95 Hines rd Kanata ON	NNE/215.0	-1.69	151
26	GEN	Flexus Electronics	95 Hines rd Kanata ON K2K 2M5	NNE/215.0	-1.69	151
26	GEN	Flexus Electronics	95 Hines rd Kanata ON K2K 2M5	NNE/215.0	-1.69	152
26	GEN	Flexus Electronics	95 Hines rd Kanata ON K2K 2M5	NNE/215.0	-1.69	152
26	GEN	Flexus Electronics	95 Hines rd Kanata ON K2K 2M5	NNE/215.0	-1.69	153
26	GEN	Flexus Electronics	95 Hines rd Kanata ON K2K 2M5	NNE/215.0	-1.69	153
26	GEN	RBR Limited	95 Hines Road, Unit 5 Kanata ON K2K 2M5	NNE/215.0	-1.69	154
26	GEN	Flexus Electronics	95 Hines rd Kanata ON K2K 2M5	NNE/215.0	-1.69	154
26	SCT	WESCAR	95 HINES RD KANATA ON K2K 2M5	NNE/215.0	-1.69	155
26	SCT	Wescar Corp.	95 Hines Rd Kanata ON K2K 2M5	NNE/215.0	-1.69	155
26	SPL		95 Hines Rd, Kanata, ON K2K 2M5 OTTAWA ON	NNE/215.0	-1.69	155
27	GEN	FLEXUS ELECTRONICS INC.	95 Hines Road Ottawa ON	NNE/219.0	-1.69	156

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
28	SPL	Corporation of the City of Ottawa	Goulbourn Forced Rd. near Terry Fox Dr. Ottawa ON	WSW/221.1	8.00	160
29	ECA	Innovation Blvd. I, LLC	383 Terry Fox Dr Ottawa ON 19801	N/226.8	-0.85	161
29	ECA	Innovation Blvd. I, LLC	5050 Innovation Dr 383/385 Terry Fox Drive Ottawa ON 19801	N/226.8	-0.85	161
29	ECA	Innovation Blvd. I, LLC	383 Terry Fox Dr Ottawa ON 19801	N/226.8	-0.85	161
29	EHS		383 Terry Fox Dr Ottawa ON K2K0L1	N/226.8	-0.85	161
30	EHS		Innovation Drive and Terry Fox Ottawa ON	WNW/257.5	1.28	162
31	GEN	Kanata Highlands Vet Hospital	5035 Innovation Dr, unit 300 Kanata ON	WNW/264.0	1.31	162
32	CA	COLONNADE DEVELOPMENT INC.	60 HINES RD., PH. 1, SWM KANATA ON K2K 2M5	ENE/267.5	-6.00	164
32	CA	COLONNADE DEVELOPMENT INC.	SWM-60 HINES RD.PH.2 KANATA ON K2K 2M5	ENE/267.5	-6.00	164
33	SPL		OTTAWA ON	WNW/270.2	1.92	165
34	GEN	OC Transpo	5025 Innovation Drive Ottawa ON	WNW/270.2	1.92	165
34	SPL	City of Ottawa	5025 Innovation Dr. Ottawa ON	WNW/270.2	1.92	166
34	SPL		5025 Innovation Drive, Ottawa OTTAWA ON	WNW/270.2	1.92	167

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
35	EHS		5035 Innovation Drive Ottawa ON K2K 0L5	WNW/273.9	1.31	168
35	GEN	Kanata Highlands Vet Hospital	5035 Innovation Dr, unit 300 Kanata ON K2K 0L5	WNW/273.9	1.31	168
35	GEN	Kanata Highlands Vet Hospital	5035 Innovation Dr, unit 300 Kanata ON K2K 0L5	WNW/273.9	1.31	168
36	WWIS		lot 9 con 3 ON Well ID: 1519733	WNW/289.5	1.30	169
36	WWIS		lot 9 con 3 ON Well ID: 1520041	WNW/289.5	1.30	172
36	WWIS		lot 9 con 3 ON Well ID: 1524429	WNW/289.5	1.30	177
36	WWIS		lot 9 con 3 ON Well ID: 1525131	WNW/289.5	1.30	181
37	ECA	City of Ottawa	Ottawa ON K1J 8G8	WNW/292.6	1.30	185
37	ECA	Minto Developments Inc.	Ottawa ON K1R 7Y2	WNW/292.6	1.30	186
37	ECA	City of Ottawa	Terry Fox Drive from Statewood Drive to Second Line Ottawa ON K2G 6J8	WNW/292.6	1.30	186
37	ECA	Minto Developments Inc.	Ottawa ON K1R 7Y2	WNW/292.6	1.30	186
37	ECA	City of Ottawa	Terry Fox Drive from Statewood Drive to Second Line Ottawa ON K2G 6J8	WNW/292.6	1.30	187

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
37	ECA	City of Ottawa	Terry Fox Drive from Statewood Drive to Second Line Ottawa ON K2G 6J8	WNW/292.6	1.30	187
37	ECA	City of Ottawa	Terry Fox Drive from Statewood Drive to Second Line Ottawa ON K2G 6J8	WNW/292.6	1.30	187
37	ECA	Minto Developments Inc.	Ottawa ON K1R 7Y2	WNW/292.6	1.30	188
37	ECA	Minto Developments Inc.	Ottawa ON K1R 7Y2	WNW/292.6	1.30	188
37	ECA	Minto Developments Inc.	Ottawa ON K1R 7Y2	WNW/292.6	1.30	188

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 7 CA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Cisco Systems Co.	2000 & 3000 Innovation Dr Ottawa ON	0.0	<u>2</u>
Cisco Systems Co.	2000 and 3000 Innovation Dr Kanata Ottawa ON	0.0	<u>2</u>
2113007 Ontario Inc.	4000 Innovation Dr Ottawa ON	35.2	<u>5</u>
GE Canada Real Estate Equity Company	1000 Innovation Dr Ottawa ON	138.1	<u>15</u>
MOSAID TECHNOLOGIES INC.	11 HINES ROAD KANATA CITY ON K2K 2X1	153.5	<u>16</u>
COLONNADE DEVELOPMENT INC.	60 HINES RD., PH. 1, SWM KANATA ON K2K 2M5	267.5	<u>32</u>
COLONNADE DEVELOPMENT INC.	SWM-60 HINES RD.PH.2 KANATA ON K2K 2M5	267.5	<u>32</u>

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011 - Jul 31, 2025 has found that there are 2 EASR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CITY OF OTTAWA	4101 Innovation DR Ottawa ON K4A 0X3	96.9	<u>9</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CIENA CANADA, INC.	385 TERRY FOX DR KANATA ON K2K 0L1	178.7	20

EBR - Environmental Registry

A search of the EBR database, dated 1994 - Jul 31, 2025 has found that there are 4 EBR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
2118777 Ontario Inc.	5050 Innovation Drive Ottawa K2K 3K1 CITY OF OTTAWA ON	58.8	6
GE Canada Real Estate Equity Company	1000 Innovation Drive Ottawa K2K 3E7 CITY OF OTTAWA ON	138.1	15
Mosaid Technologies Inc.	11 Hines Road, Plan 4M-417, Block 2 Kanata ON	153.5	16
Wescar Corp.	93 & 95 Hines Rd Ottawa Ontario K2K 2M5 Ottawa ON	215.0	26

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011 - Jul 31, 2025 has found that there are 24 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Cisco Systems Co.	2000 and 3000 Innovation Dr Kanata Ottawa ON K2K 3E8	0.0	2
Cisco Systems Co.	2000 & 3000 Innovation Dr Ottawa ON K2K 3E8	0.0	2
Cisco Systems Co.	2000 and 3000 Innovation Dr Kanata Ottawa ON K2K 3E8	0.0	2

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
2113007 Ontario Inc.	4000 Innovation Dr Ottawa ON N2L 3W8	35.2	<u>5</u>
2118777 Ontario Inc.	5050 Innovation Dr Ottawa ON K2K 3K1	58.8	<u>6</u>
2118777 Ontario Inc.	5050 Innovation Dr Ottawa ON K2K 3K1	58.8	<u>6</u>
Innovation Blvd. I, LLC	5050 Innovation Dr Ottawa ON 19801	58.8	<u>6</u>
2118777 Ontario Inc.	5050 Innovation Drive City of Ottawa ON	58.8	<u>6</u>
GE Canada Real Estate Equity Company	1000 Innovation Dr Ottawa ON K1P 5V9	138.1	<u>15</u>
Innovation Blvd. I, LLC	1000 Innovation Dr Ottawa ON 19801	138.1	<u>15</u>
Wescar Corp.	93 & 95 Hines Rd Ottawa ON K2K 2M5	215.0	<u>26</u>
Innovation Blvd. I, LLC	383 Terry Fox Dr Ottawa ON 19801	226.8	<u>29</u>
Innovation Blvd. I, LLC	5050 Innovation Dr 383/385 Terry Fox Drive Ottawa ON 19801	226.8	<u>29</u>
Innovation Blvd. I, LLC	383 Terry Fox Dr Ottawa ON 19801	226.8	<u>29</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Minto Developments Inc.	Ottawa ON K1R 7Y2	292.6	<u>37</u>
Minto Developments Inc.	Ottawa ON K1R 7Y2	292.6	<u>37</u>
Minto Developments Inc.	Ottawa ON K1R 7Y2	292.6	<u>37</u>
City of Ottawa	Terry Fox Drive from Statewood Drive to Second Line Ottawa ON K2G 6J8	292.6	<u>37</u>
City of Ottawa	Terry Fox Drive from Statewood Drive to Second Line Ottawa ON K2G 6J8	292.6	<u>37</u>
City of Ottawa	Terry Fox Drive from Statewood Drive to Second Line Ottawa ON K2G 6J8	292.6	<u>37</u>
Minto Developments Inc.	Ottawa ON K1R 7Y2	292.6	<u>37</u>
City of Ottawa	Terry Fox Drive from Statewood Drive to Second Line Ottawa ON K2G 6J8	292.6	<u>37</u>
Minto Developments Inc.	Ottawa ON K1R 7Y2	292.6	<u>37</u>
City of Ottawa	Ottawa ON K1J 8G8	292.6	<u>37</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Apr 30, 2025 has found that there are 21 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	4000 Innovation Drive Ottawa ON Kanata ON K2K 3K1	35.2	<u>5</u>
	5050 Innovation Drive And 96 Hines Road Ottawa ON	58.8	<u>6</u>
	2101 Innovation Dr Ottawa ON	59.4	<u>7</u>
	Conc III, Lot 8,9 Ottawa ON	70.5	<u>8</u>
	119 Hines Road Kanata ON	109.0	<u>10</u>
	4000 Innovation Dr Ottawa ON K2K3K1	113.2	<u>11</u>
	1125 Innovation Dr Kanata ON K2K 3G6	124.6	<u>13</u>
	1145 Innovation Drive Ottawa ON	129.6	<u>14</u>
	1000 Innovation Drive Kanata ON K2K 3E7	138.1	<u>15</u>
	1000 Innovation Dr Ottawa ON K2K3E7	138.1	<u>15</u>
	1000 Innovation Drive Ottawa ON	138.1	<u>15</u>
	1000 Innovation Drive Ottawa ON	138.1	<u>15</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1000 Innovation Drive Kanata (Ottawa) ON K2K 3E7	138.1	15
	1000 Innovation Drive Ottawa ON	138.1	15
	1125 Innovation Drive Ottawa ON	163.9	17
	1125-35-45 Innovation Drive Ottawa ON	175.0	19
	1145 Innovation Drive Ottawa (Kanata) ON K2K 3G8	206.3	24
	95 Hines Road Ottawa ON	215.0	26
	383 Terry Fox Dr Ottawa ON K2K0L1	226.8	29
	Innovation Drive and Terry Fox Ottawa ON	257.5	30
	5035 Innovation Drive Ottawa ON K2K 0L5	273.9	35

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Mar 31, 2025 has found that there are 90 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
CISCO SYSTEMS	2000 INNOVATION DRIVE OTTAWA ON K2K 3E8	0.0	1
Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K 3E8	0.0	1
Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K 3E8	0.0	1
Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K 3E8	0.0	1
Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K 3E8	0.0	1
Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K 3E8	0.0	1
Cisco Systems Inc.	2000 Innovation Drive Kanata ON	0.0	1
Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K3E8	0.0	1
Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K3E8	0.0	1
Cisco Systems Inc.	2000 Innovation Drive Kanata ON K2K3E8	0.0	1
Cisco Systems Inc. Ottawa Campus	2000 Innovation Drive Kanata ON K2K3E8	0.0	1
Cisco Systems Inc. Ottawa Campus	2000 Innovation Drive Kanata ON K2K3E8	0.0	1

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Cisco Systems Inc. Ottawa Campus	2000 Innovation Drive Kanata ON K2K3E8	0.0	<u>1</u>
Cisco Systems Inc.	2000 Innovation Drive Kanata ON	0.0	<u>1</u>
Research In Motions Limited	4000 Innovation Drive Kanata ON K2K 3K1	35.2	<u>5</u>
Research In Motions Limited	4000 Innovation Drive Kanata ON K2K 3K1	35.2	<u>5</u>
Research In Motions Limited	4000 Innovation Drive Kanata ON K2K 3K1	35.2	<u>5</u>
Research In Motions Limited	4000 Innovation Drive Kanata ON K2K 3K1	35.2	<u>5</u>
BlackBerry Limited	4000 Innovation Drive Kanata ON	35.2	<u>5</u>
BlackBerry Limited	4000 Innovation Drive Kanata ON K2K 3K1	35.2	<u>5</u>
BlackBerry Limited	4000 Innovation Drive Kanata ON K2K 3K1	35.2	<u>5</u>
BlackBerry Limited	4000 Innovation Drive Kanata ON K2K 3K1	35.2	<u>5</u>
BlackBerry Limited	4000 Innovation Drive Kanata ON K2K 3K1	35.2	<u>5</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
BlackBerry Limited	4000 Innovation Drive Kanata ON K2K 3K1	35.2	<u>5</u>
Colonnade Bridgeport Realty Management	4000 Innovation Drive Ottawa ON	35.2	<u>5</u>
Research In Motion Limited	5050 Innovation Drive Kanata ON	58.8	<u>6</u>
BlackBerry Limited	5050 Innovation Drive Kanata ON	58.8	<u>6</u>
BlackBerry Limited	5050 Innovation Drive Kanata ON K2K 3K1	58.8	<u>6</u>
City Of Ottawa RCFS/FOS	4101 Innovation Drive Kanata ON K2K0J3	96.9	<u>9</u>
City Of Ottawa RCFS/FOS	4101 Innovation Drive Kanata ON K2K0J3	96.9	<u>9</u>
City of Ottawa Facility Operations Service	4101 Innovation Drive Ottawa ON	96.9	<u>9</u>
GAN SYSTEMS	1145 INNOVATION DRIVE OTTAWA ON K2K 3G8	118.7	<u>12</u>
SKYWAVE MOBILE COMMUNICATIONS	1145 INNOVATION DRIVE SUITE 288 KANATA ON K2K 3G8	129.6	<u>14</u>
SKYWAVE MOBILE COMMUNICATIONS	1145 INNOVATION DRIVE SUITE 288 KANATA ON K2K 3G8	129.6	<u>14</u>
GAN SYSTEMS	1145 INNOVATION DRIVE OTTAWA ON K2K 3G8	129.6	<u>14</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
GAN SYSTEMS	1145 INNOVATION DRIVE OTTAWA ON K2K 3G8	129.6	<u>14</u>
GAN SYSTEMS	1145 INNOVATION DRIVE OTTAWA ON K2K 3G8	129.6	<u>14</u>
GAN SYSTEMS	1145 INNOVATION DRIVE OTTAWA ON K2K 3G8	129.6	<u>14</u>
Entrust	1000 Innovation Drive Ottawa ON K2K 3E7	138.1	<u>15</u>
COMINAR REAL ESTATE INVESTMENT TRUST	1000 Innovation Dr Ottawa ON K2K 3E7	138.1	<u>15</u>
Juniper Networks Canada Inc	1000 Innovation Drive Kanata ON K2K 3E7	138.1	<u>15</u>
Juniper Networks Canada Inc	1000 Innovation Drive Kanata ON K2K 3E7	138.1	<u>15</u>
Juniper Networks Canada Inc	1000 Innovation Drive Kanata ON K2K 3E7	138.1	<u>15</u>
MOSAID TECHNOLOGIES INCORPORATED	11 HINES ROAD KANATA ON K2K 2M5	153.5	<u>16</u>
Ranovus	11 Hines Road Ottawa ON	153.5	<u>16</u>
Skyworks Solutions	1135 Innovation Drive Ottawa ON K2K 3G7	166.6	<u>18</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Skyworks Solutions	1135 Innovation Drive Ottawa ON K2K 3G7	166.6	<u>18</u>
Skyworks Solutions	1135 Innovation Drive Ottawa ON	166.6	<u>18</u>
Ciena Canada, ULC	385 Terry Fox Drive Ottawa ON	185.2	<u>21</u>
Ciena Corporation	385 Terry Fox Drive Ottawa ON K2K 0L1	189.4	<u>23</u>
Ciena Corporation	385 Terry Fox Drive Ottawa ON K2K 0L1	189.4	<u>23</u>
Ciena Corporation	385 Terry Fox Drive Ottawa ON K2K 0L1	189.4	<u>23</u>
L-D TOOL & DIE.	93 HINES ROAD KANATA ON K2K 2M5	207.6	<u>25</u>
L-D TOOL & DIE	93 HINES ROAD KANATA ON K2K 2M5	207.6	<u>25</u>
Madix Engineering Inc	93 HINES ROAD KANATA ON K2K 2M5	207.6	<u>25</u>
Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	207.6	<u>25</u>
Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	207.6	<u>25</u>
Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	207.6	<u>25</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	207.6	<u>25</u>
Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	207.6	<u>25</u>
Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON	207.6	<u>25</u>
Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	207.6	<u>25</u>
Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	207.6	<u>25</u>
Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	207.6	<u>25</u>
Cimco Refrigeration Toromont Industries	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	207.6	<u>25</u>
Cimco Refrigeration Toromont Industries	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	207.6	<u>25</u>
Cimco Refrigeration Toromont Industries	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	207.6	<u>25</u>
Cimco Refrigeration	93 Hines Road, Unit # 7 Kanata ON K2K 2M5	207.6	<u>25</u>
Cimco Refrigeration	93 Hines Road Kanata ON	207.6	<u>25</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
WESCAR CORPORATION	95 HINES ROAD KANATA ON K2K 2M5	215.0	<u>26</u>
WESCAR CORP.	95 Hines Road KANATA ON K2K 2M5	215.0	<u>26</u>
WESCAR CORP.	95 Hines Road KANATA ON K2K 2M5	215.0	<u>26</u>
WESCAR CORP.	95 Hines Road KANATA ON K2K 2M5	215.0	<u>26</u>
WESCAR CORP.	95 Hines Road KANATA ON K2K 2M5	215.0	<u>26</u>
954050 ONTARIO INC.	95HINES RD KANATA ON	215.0	<u>26</u>
Flexus Electronics	95 Hines rd Kanata ON	215.0	<u>26</u>
954050 ONTARIO INC.	95HINES RD KANATA ON	215.0	<u>26</u>
Flexus Electronics	95 Hines rd Kanata ON	215.0	<u>26</u>
Flexus Electronics	95 Hines rd Kanata ON K2K 2M5	215.0	<u>26</u>
Flexus Electronics	95 Hines rd Kanata ON K2K 2M5	215.0	<u>26</u>
Flexus Electronics	95 Hines rd Kanata ON K2K 2M5	215.0	<u>26</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Flexus Electronics	95 Hines rd Kanata ON K2K 2M5	215.0	26
Flexus Electronics	95 Hines rd Kanata ON K2K 2M5	215.0	26
RBR Limited	95 Hines Road, Unit 5 Kanata ON K2K 2M5	215.0	26
Flexus Electronics	95 Hines rd Kanata ON K2K 2M5	215.0	26
FLEXUS ELECTRONICS INC.	95 Hines Road Ottawa ON	219.0	27
Kanata Highlands Vet Hospital	5035 Innovation Dr, unit 300 Kanata ON	264.0	31
OC Transpo	5025 Innovation Drive Ottawa ON	270.2	34
Kanata Highlands Vet Hospital	5035 Innovation Dr, unit 300 Kanata ON K2K 0L5	273.9	35
Kanata Highlands Vet Hospital	5035 Innovation Dr, unit 300 Kanata ON K2K 0L5	273.9	35

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 12 SCT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SkyWave Mobile Communications	1145 Innovation Dr Suite 288 Kanata ON K2K 3G8	129.6	<u>14</u>
Plasco Energy Group Inc.	1000 Innovation Dr Suite 400 Kanata ON K2K 3E7	138.1	<u>15</u>
TenXc Wireless Inc.	11 Hines Rd Suite 200 Kanata ON K2K 2X1	153.5	<u>16</u>
MOSAID Technologies Inc.	11 Hines Rd Suite 203 Ottawa ON K2K 2X1	153.5	<u>16</u>
L-D Tool & Die Inc.	93 Hines Rd Kanata ON K2K 2M5	207.6	<u>25</u>
L-D TOOL & DIE	93 HINES RD KANATA ON K2K 2M5	207.6	<u>25</u>
L-D TOOL & DIE	93 HINES RD UNIT 1 KANATA ON K2K 2M5	207.6	<u>25</u>
L-D Tool & Die Inc. - Div. of Madix Engineering Inc.	93 Hines Rd Unit 1 Kanata ON K2K 2M5	207.6	<u>25</u>
Daltco Electric & Supply	93 Hines Rd Kanata ON K2K 2M5	207.6	<u>25</u>
CIMCO Refrigeration	93 Hines Rd Unit 7 Kanata ON K2K 2M5	207.6	<u>25</u>
Wescar Corp.	95 Hines Rd Kanata ON K2K 2M5	215.0	<u>26</u>
WESCAR	95 HINES RD KANATA ON K2K 2M5	215.0	<u>26</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2024; Aug 2024; Oct-May 2025 has found that there are 14 SPL site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	3000 Innovation Drive, Ottawa OTTAWA ON	0.0	<u>2</u>
Hydro Ottawa Limited	3000 Innovation Dr. Ottawa ON	0.0	<u>2</u>
	3000 Innovation Drive Kanata, ON K2K 3E8 OTTAWA ON	0.0	<u>2</u>
	OTTAWA ON	0.0	<u>3</u>
	5050 Innovation Drive, Ottawa OTTAWA ON	58.8	<u>6</u>
	5050 Innovation Drive, Ottawa OTTAWA ON	58.8	<u>6</u>
	5050 Innovation Drive, Ottawa Ottawa ON K2K 0J2	58.8	<u>6</u>
	5050 Innovation Drive Ottawa ON	58.8	<u>6</u>
Cimco Refrigeration<UNOFFICIAL>	93 Hines Rd Ottawa ON	207.6	<u>25</u>

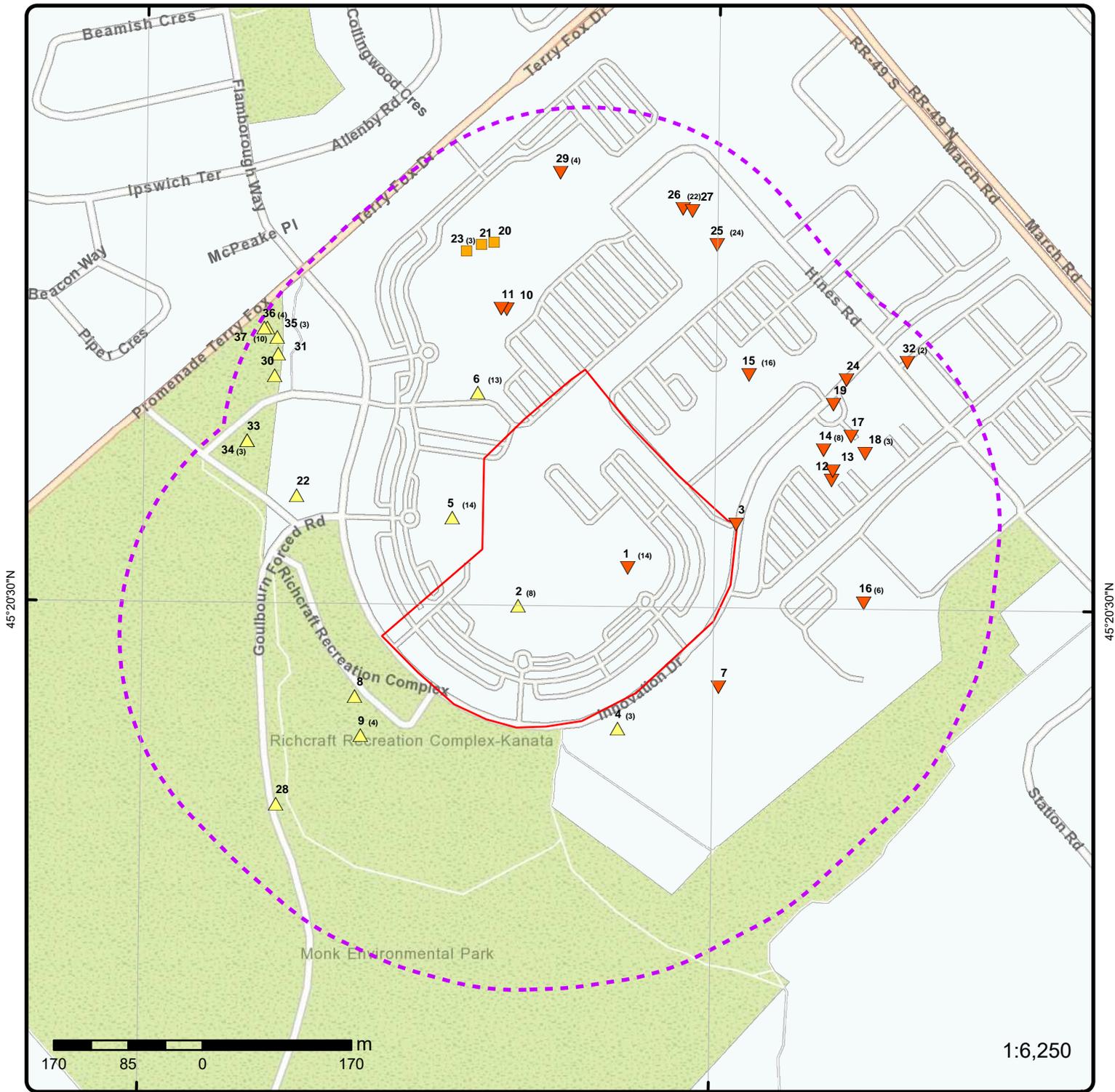
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	95 Hines Rd, Kanata, ON K2K 2M5 OTTAWA ON	215.0	26
Corporation of the City of Ottawa	Goulbourn Forced Rd. near Terry Fox Dr. Ottawa ON	221.1	28
	OTTAWA ON	270.2	33
	5025 Innovation Drive, Ottawa OTTAWA ON	270.2	34
City of Ottawa	5025 Innovation Dr. Ottawa ON	270.2	34

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 8 WWIS site(s) within approximately 0.30 kilometers of the project property.

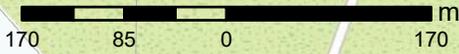
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 8 con 3 ON <i>Well ID:</i> 1519892	26.4	4
	lot 8 con 3 ON <i>Well ID:</i> 1520590	26.4	4
	lot 8 con 3 ON <i>Well ID:</i> 1523444	26.4	4
	TERRY FOX/ INNOVATION DRIVE #1 lot 9 con 3 KANATA ON <i>Well ID:</i> 7270151	185.6	22
	lot 9 con 3 ON	289.5	36

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 1524429		
	lot 9 con 3 ON	289.5	36
	<i>Well ID:</i> 1520041		
	lot 9 con 3 ON	289.5	36
	<i>Well ID:</i> 1525131		
	lot 9 con 3 ON	289.5	36
	<i>Well ID:</i> 1519733		



45°20'30"N

45°20'30"N



1:6,250

Map: 0.3 Kilometer Radius

Order Number: 25091500067

Address: 2000 and 3000 Innovation Drive, Ottawa, ON



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

75°56'W

75°55'30"W

75°55'W

45°21'N

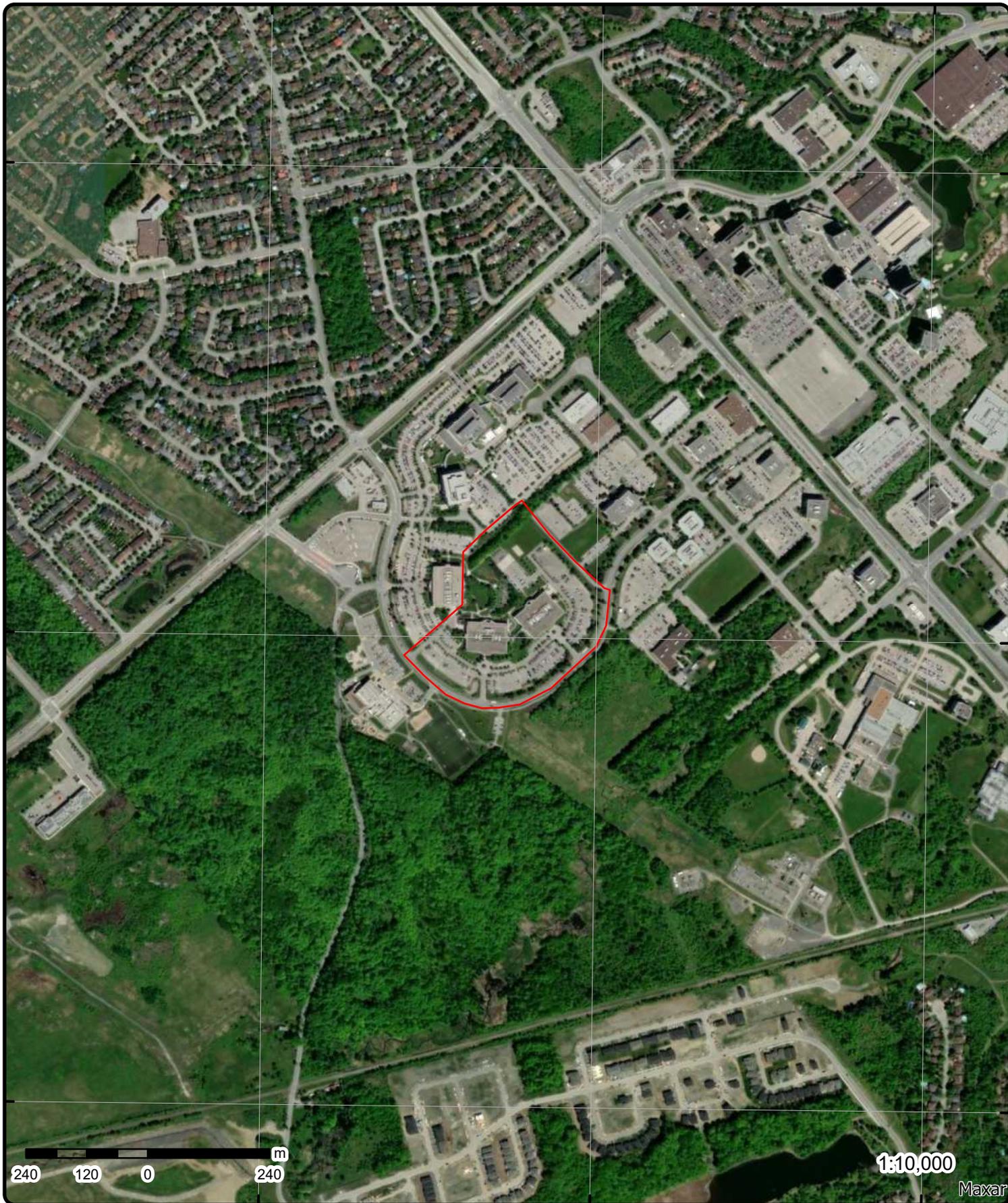
45°21'N

45°20'30"N

45°20'30"N

45°20'N

45°20'N



Aerial Year: 2025

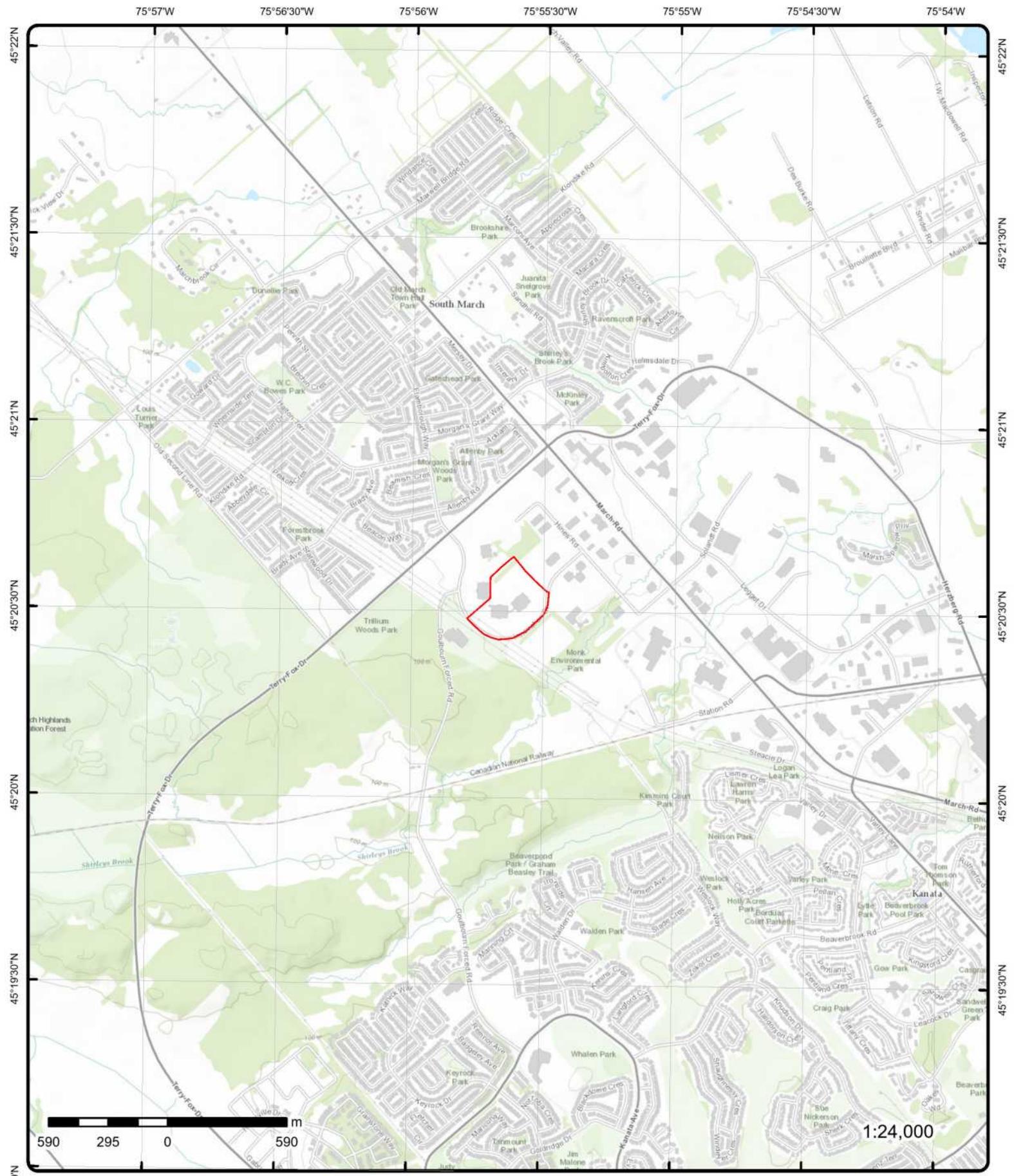
Order Number: 25091500067

Address: 2000 and 3000 Innovation Drive, Ottawa, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Address: 2000 and 3000 Innovation Drive, ON

Source: ESRI World Topographic Map

Order Number: 25091500067



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 14	E/0.0	88.8 / -1.08	CISCO SYSTEMS 2000 INNOVATION DRIVE OTTAWA ON K2K 3E8	GEN

Generator Info

<p>Generator No: ON2660300 Approval Years: 01 Status: PO Box No: Country: Co Admin: Phone No Admin: SIC Description: OTHER COMMUN. & ELE.</p>	<p>Choice of Contact: Contaminated Fac: MHSW Facility: SIC Code: 3359</p>
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Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 122

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		ALKALINE WASTES - OTHER METALS			

<u>1</u>	2 of 14	E/0.0	88.8 / -1.08	Cisco Systems Inc. 2000 Innovation Drive Kanata ON K2K 3E8	GEN
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Generator Info

Generator No:	ON5720990	Choice of Contact:	
Approval Years:	05,06,07,08	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	334290
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Other Communications Equipment Manufacturing		

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

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

Waste Detail(s)

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

<u>1</u>	3 of 14	E/0.0	88.8 / -1.08	Cisco Systems Inc. 2000 Innovation Drive Kanata ON K2K 3E8	GEN
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Generator Info

Generator No:	ON5720990	Choice of Contact:	
Approval Years:	2009	Contaminated Fac:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: PO Box No: Country: Co Admin: Phone No Admin: SIC Description:		MHSW Facility: SIC Code: 541710		Research and Development in the Physical Engineering and Life Sciences	
<u>Waste Detail(s)</u>					
Waste Class:		121			
Waste Class Name:		ALKALINE WASTES - HEAVY METALS			
<u>Waste Detail(s)</u>					
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
<u>Waste Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
<u>Waste Detail(s)</u>					
Waste Class:		146			
Waste Class Name:		OTHER SPECIFIED INORGANICS			
<u>Waste Detail(s)</u>					
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
<u>Waste Detail(s)</u>					
Waste Class:		331			
Waste Class Name:		WASTE COMPRESSED GASES			
<u>Waste Detail(s)</u>					
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			

<u>1</u>	4 of 14	E/0.0	88.8 / -1.08	Cisco Systems Inc. 2000 Innovation Drive Kanata ON K2K 3E8	GEN
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Generator Info

Generator No:	ON5720990	Choice of Contact:	
Approval Years:	2010	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	541710
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Research and Development in the Physical Engineering and Life Sciences		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Waste Detail(s)</u>					
Waste Class:			252		
Waste Class Name:			WASTE OILS & LUBRICANTS		
<u>Waste Detail(s)</u>					
Waste Class:			212		
Waste Class Name:			ALIPHATIC SOLVENTS		
<u>Waste Detail(s)</u>					
Waste Class:			263		
Waste Class Name:			ORGANIC LABORATORY CHEMICALS		
<u>Waste Detail(s)</u>					
Waste Class:			331		
Waste Class Name:			WASTE COMPRESSED GASES		
<u>Waste Detail(s)</u>					
Waste Class:			145		
Waste Class Name:			PAINT/PIGMENT/COATING RESIDUES		
<u>Waste Detail(s)</u>					
Waste Class:			122		
Waste Class Name:			ALKALINE WASTES - OTHER METALS		
<u>Waste Detail(s)</u>					
Waste Class:			112		
Waste Class Name:			ACID WASTE - HEAVY METALS		
<u>Waste Detail(s)</u>					
Waste Class:			121		
Waste Class Name:			ALKALINE WASTES - HEAVY METALS		
<u>Waste Detail(s)</u>					
Waste Class:			146		
Waste Class Name:			OTHER SPECIFIED INORGANICS		

<u>1</u>	5 of 14	E/0.0	88.8 / -1.08	Cisco Systems Inc. 2000 Innovation Drive Kanata ON K2K 3E8	GEN
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Generator Info

Generator No:	ON5720990	Choice of Contact:	
Approval Years:	2011	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	541710

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

Co Admin:

Phone No Admin:

SIC Description:

Research and Development in the Physical Engineering and Life Sciences

Waste Detail(s)

Waste Class:

145

Waste Class Name:

PAINT/PIGMENT/COATING RESIDUES

Waste Detail(s)

Waste Class:

331

Waste Class Name:

WASTE COMPRESSED GASES

Waste Detail(s)

Waste Class:

146

Waste Class Name:

OTHER SPECIFIED INORGANICS

Waste Detail(s)

Waste Class:

121

Waste Class Name:

ALKALINE WASTES - HEAVY METALS

Waste Detail(s)

Waste Class:

263

Waste Class Name:

ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class:

252

Waste Class Name:

WASTE OILS & LUBRICANTS

Waste Detail(s)

Waste Class:

122

Waste Class Name:

ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class:

212

Waste Class Name:

ALIPHATIC SOLVENTS

Waste Detail(s)

Waste Class:

112

Waste Class Name:

ACID WASTE - HEAVY METALS

1

6 of 14

E/0.0

88.8 / -1.08

Cisco Systems Inc.
2000 Innovation Drive
Kanata ON K2K 3E8

GEN

Generator Info

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Generator No: ON5720990
Approval Years: 2012
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: Research and Development in the Physical Engineering and Life Sciences

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 541710

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

Waste Class: 121
Waste Class Name: ALKALINE WASTES - HEAVY METALS

Waste Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

<u>1</u>	7 of 14	E/0.0	88.8 / -1.08	Cisco Systems Inc. 2000 Innovation Drive	GEN
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Kanata ON

Generator Info

Generator No:	ON5720990	Choice of Contact:	
Approval Years:	2013	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	541710
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING AND LIFE SCIENCES		

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Detail(s)

Waste Class: 231
Waste Class Name: LATEX WASTES

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 121
Waste Class Name: ALKALINE WASTES - HEAVY METALS

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

Waste Class: 263

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
<u>Waste Detail(s)</u>					
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
<u>Waste Detail(s)</u>					
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			

<u>1</u>	8 of 14	E/0.0	88.8 / -1.08	Cisco Systems Inc. 2000 Innovation Drive Kanata ON K2K3E8	GEN
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Generator Info

Generator No:	ON5720990	Choice of Contact:	CO_ADMIN
Approval Years:	2016	Contaminated Fac:	No
Status:		MHSW Facility:	No
PO Box No:		SIC Code:	541710
Country:	Canada		
Co Admin:	Rosanne Camacho		
Phone No Admin:	647-288-8816 Ext.		
SIC Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING AND LIFE SCIENCES		

Waste Detail(s)

Waste Class: 231
Waste Class Name: LATEX WASTES

Waste Detail(s)

Waste Class: 269
Waste Class Name: NON-HALOGENATED PESTICIDES

Waste Detail(s)

Waste Class: 121
Waste Class Name: ALKALINE WASTES - HEAVY METALS

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Waste Detail(s)</u>					
	Waste Class:		148		
	Waste Class Name:		INORGANIC LABORATORY CHEMICALS		
<u>Waste Detail(s)</u>					
	Waste Class:		122		
	Waste Class Name:		ALKALINE WASTES - OTHER METALS		
<u>Waste Detail(s)</u>					
	Waste Class:		263		
	Waste Class Name:		ORGANIC LABORATORY CHEMICALS		
<u>Waste Detail(s)</u>					
	Waste Class:		145		
	Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES		
<u>Waste Detail(s)</u>					
	Waste Class:		212		
	Waste Class Name:		ALIPHATIC SOLVENTS		
<u>Waste Detail(s)</u>					
	Waste Class:		331		
	Waste Class Name:		WASTE COMPRESSED GASES		
<u>Waste Detail(s)</u>					
	Waste Class:		252		
	Waste Class Name:		WASTE OILS & LUBRICANTS		

<u>1</u>	9 of 14	E/0.0	88.8 / -1.08	Cisco Systems Inc. 2000 Innovation Drive Kanata ON K2K3E8	GEN
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Generator Info

Generator No:	ON5720990	Choice of Contact:	CO_ADMIN
Approval Years:	2015	Contaminated Fac:	No
Status:		MHSW Facility:	No
PO Box No:		SIC Code:	541710
Country:	Canada		
Co Admin:	Rosanne Camacho		
Phone No Admin:	647-288-8816 Ext.		
SIC Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING AND LIFE SCIENCES		

Waste Detail(s)

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

<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>
<u>Waste Detail(s)</u>					
Waste Class:			212		
Waste Class Name:			ALIPHATIC SOLVENTS		
<u>Waste Detail(s)</u>					
Waste Class:			145		
Waste Class Name:			PAINT/PIGMENT/COATING RESIDUES		
<u>Waste Detail(s)</u>					
Waste Class:			331		
Waste Class Name:			WASTE COMPRESSED GASES		
<u>Waste Detail(s)</u>					
Waste Class:			148		
Waste Class Name:			INORGANIC LABORATORY CHEMICALS		
<u>Waste Detail(s)</u>					
Waste Class:			121		
Waste Class Name:			ALKALINE WASTES - HEAVY METALS		
<u>Waste Detail(s)</u>					
Waste Class:			252		
Waste Class Name:			WASTE OILS & LUBRICANTS		
<u>Waste Detail(s)</u>					
Waste Class:			112		
Waste Class Name:			ACID WASTE - HEAVY METALS		
<u>Waste Detail(s)</u>					
Waste Class:			269		
Waste Class Name:			NON-HALOGENATED PESTICIDES		
<u>Waste Detail(s)</u>					
Waste Class:			231		
Waste Class Name:			LATEX WASTES		
<u>Waste Detail(s)</u>					
Waste Class:			263		
Waste Class Name:			ORGANIC LABORATORY CHEMICALS		
<u>Waste Detail(s)</u>					
Waste Class:			146		
Waste Class Name:			OTHER SPECIFIED INORGANICS		
<u>Waste Detail(s)</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			

<u>1</u>	10 of 14	E/0.0	88.8 / -1.08	Cisco Systems Inc. 2000 Innovation Drive Kanata ON K2K3E8	GEN
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Generator Info

Generator No:	ON5720990	Choice of Contact:	CO_ADMIN
Approval Years:	2014	Contaminated Fac:	No
Status:		MHSW Facility:	No
PO Box No:		SIC Code:	541710
Country:	Canada		
Co Admin:	Daryl Beardsley		
Phone No Admin:	978-936-0558 Ext.		
SIC Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING AND LIFE SCIENCES		

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Detail(s)

Waste Class: 231
Waste Class Name: LATEX WASTES

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
<u>Waste Detail(s)</u>					
Waste Class:		263			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
<u>Waste Detail(s)</u>					
Waste Class:		331			
Waste Class Name:		WASTE COMPRESSED GASES			
<u>Waste Detail(s)</u>					
Waste Class:		121			
Waste Class Name:		ALKALINE WASTES - HEAVY METALS			

1	11 of 14	E/0.0	88.8 / -1.08	Cisco Systems Inc. Ottawa Campus 2000 Innovation Drive Kanata ON K2K3E8	GEN
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Generator Info

Generator No:	ON5720990	Choice of Contact:
Approval Years:	As of Dec 2018	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	252 L
Waste Class Name:	Waste crankcase oils and lubricants

Waste Detail(s)

Waste Class:	121 C
Waste Class Name:	Alkaline slutions - containing heavy metals

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	269 B
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		Organic non-halogenated pesticide and herbicide wastes			
<u>Waste Detail(s)</u>					
Waste Class:		146 T			
Waste Class Name:		Other specified inorganic sludges, slurries or solids			
<u>Waste Detail(s)</u>					
Waste Class:		148 B			
Waste Class Name:		Misc. wastes and inorganic chemicals			
<u>Waste Detail(s)</u>					
Waste Class:		212 L			
Waste Class Name:		Aliphatic solvents and residues			
<u>Waste Detail(s)</u>					
Waste Class:		331 I			
Waste Class Name:		Waste compressed gases including cylinders			
<u>Waste Detail(s)</u>					
Waste Class:		148 C			
Waste Class Name:		Misc. wastes and inorganic chemicals			
<u>Waste Detail(s)</u>					
Waste Class:		148 R			
Waste Class Name:		Misc. wastes and inorganic chemicals			
<u>Waste Detail(s)</u>					
Waste Class:		331 L			
Waste Class Name:		Waste compressed gases including cylinders			
<u>Waste Detail(s)</u>					
Waste Class:		263 I			
Waste Class Name:		Misc. waste organic chemicals			
<u>Waste Detail(s)</u>					
Waste Class:		231 L			
Waste Class Name:		Latex wastes			
<u>Waste Detail(s)</u>					
Waste Class:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
<u>Waste Detail(s)</u>					
Waste Class:		112 C			
Waste Class Name:		Acid solutions - containing heavy metals			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	12 of 14	E/0.0	88.8 / -1.08	Cisco Systems Inc. Ottawa Campus 2000 Innovation Drive Kanata ON K2K3E8	GEN

Generator Info

Generator No:	ON5720990	Choice of Contact:
Approval Years:	As of Jul 2020	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 331 I
Waste Class Name: Waste compressed gases including cylinders

Waste Detail(s)

Waste Class: 331 L
Waste Class Name: Waste compressed gases including cylinders

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 269 B
Waste Class Name: Organic non-halogenated pesticide and herbicide wastes

Waste Detail(s)

Waste Class: 121 C
Waste Class Name: Alkaline slutions - containing heavy metals

Waste Detail(s)

Waste Class: 252 L
Waste Class Name: Waste crankcase oils and lubricants

Waste Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Waste Detail(s)</u>					
Waste Class:			112 C		
Waste Class Name:			Acid solutions - containing heavy metals		
<u>Waste Detail(s)</u>					
Waste Class:			148 B		
Waste Class Name:			Misc. wastes and inorganic chemicals		
<u>Waste Detail(s)</u>					
Waste Class:			263 I		
Waste Class Name:			Misc. waste organic chemicals		
<u>Waste Detail(s)</u>					
Waste Class:			148 R		
Waste Class Name:			Misc. wastes and inorganic chemicals		
<u>Waste Detail(s)</u>					
Waste Class:			145 H		
Waste Class Name:			Wastes from the use of pigments, coatings and paints		
<u>Waste Detail(s)</u>					
Waste Class:			212 L		
Waste Class Name:			Aliphatic solvents and residues		
<u>Waste Detail(s)</u>					
Waste Class:			231 L		
Waste Class Name:			Latex wastes		
<u>Waste Detail(s)</u>					
Waste Class:			148 C		
Waste Class Name:			Misc. wastes and inorganic chemicals		

<u>1</u>	13 of 14	E/0.0	88.8 / -1.08	Cisco Systems Inc. Ottawa Campus 2000 Innovation Drive Kanata ON K2K3E8	GEN
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Generator Info

Generator No:	ON5720990	Choice of Contact:
Approval Years:	As of Nov 2021	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:			148 R		
Waste Class Name:			Misc. wastes and inorganic chemicals		
<u>Waste Detail(s)</u>					
Waste Class:			112 C		
Waste Class Name:			Acid solutions - containing heavy metals		
<u>Waste Detail(s)</u>					
Waste Class:			231 L		
Waste Class Name:			Latex wastes		
<u>Waste Detail(s)</u>					
Waste Class:			122 C		
Waste Class Name:			Alkaline slutions - containing other metals and non-metals (not cyanide)		
<u>Waste Detail(s)</u>					
Waste Class:			146 T		
Waste Class Name:			Other specified inorganic sludges, slurries or solids		
<u>Waste Detail(s)</u>					
Waste Class:			263 I		
Waste Class Name:			Misc. waste organic chemicals		
<u>Waste Detail(s)</u>					
Waste Class:			251 L		
Waste Class Name:			Waste oils/sludges (petroleum based)		
<u>Waste Detail(s)</u>					
Waste Class:			331 L		
Waste Class Name:			Waste compressed gases including cylinders		
<u>Waste Detail(s)</u>					
Waste Class:			269 B		
Waste Class Name:			Organic non-halogenated pesticide and herbicide wastes		
<u>Waste Detail(s)</u>					
Waste Class:			145 H		
Waste Class Name:			Wastes from the use of pigments, coatings and paints		
<u>Waste Detail(s)</u>					
Waste Class:			212 L		
Waste Class Name:			Aliphatic solvents and residues		
<u>Waste Detail(s)</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		331 I			
Waste Class Name:		Waste compressed gases including cylinders			
<u>Waste Detail(s)</u>					
Waste Class:		148 B			
Waste Class Name:		Misc. wastes and inorganic chemicals			
<u>Waste Detail(s)</u>					
Waste Class:		148 C			
Waste Class Name:		Misc. wastes and inorganic chemicals			
<u>Waste Detail(s)</u>					
Waste Class:		252 L			
Waste Class Name:		Waste crankcase oils and lubricants			
<u>Waste Detail(s)</u>					
Waste Class:		121 C			
Waste Class Name:		Alkaline slutions - containing heavy metals			

<u>1</u>	14 of 14	E/0.0	88.8 / -1.08	Cisco Systems Inc. 2000 Innovation Drive Kanata ON	GEN
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Generator Info

Generator No: ON5720990
Approval Years: As of Oct 2022
Status: Registered
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description:

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

Waste Detail(s)

Waste Class: 212 L
Waste Class Name: ALIPHATIC SOLVENTS

Waste Detail(s)

Waste Class: 231 L
Waste Class Name: LATEX WASTES

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 148 B

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
<u>Waste Detail(s)</u>					
Waste Class:		112 C			
Waste Class Name:		ACID WASTE - HEAVY METALS			
<u>Waste Detail(s)</u>					
Waste Class:		331 I			
Waste Class Name:		WASTE COMPRESSED GASES			
<u>Waste Detail(s)</u>					
Waste Class:		252 L			
Waste Class Name:		WASTE OILS & LUBRICANTS			
<u>Waste Detail(s)</u>					
Waste Class:		146 T			
Waste Class Name:		OTHER SPECIFIED INORGANICS			
<u>Waste Detail(s)</u>					
Waste Class:		331 L			
Waste Class Name:		WASTE COMPRESSED GASES			
<u>Waste Detail(s)</u>					
Waste Class:		148 C			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
<u>Waste Detail(s)</u>					
Waste Class:		148 R			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
<u>Waste Detail(s)</u>					
Waste Class:		122 C			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
<u>Waste Detail(s)</u>					
Waste Class:		251 L			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
<u>Waste Detail(s)</u>					
Waste Class:		121 C			
Waste Class Name:		ALKALINE WASTES - HEAVY METALS			
<u>Waste Detail(s)</u>					
Waste Class:		145 H			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			

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

Waste Class: 269 B
Waste Class Name: NON-HALOGENATED PESTICIDES

Generator Info (as of Dec 2024)

Generator No: ON5720990
Generator Company Name: Cisco Systems Inc.
Street: 2000 Innovation Drive
City: Kanata
Province State: Ontario
Country: Canada
Postal Code: K2K3E8
Waste Class: 145 I, 148 T, 146 T, 145 I, 331 I, 122 C, 145 H, 252 L, 212 L, 121 C, 263 I, 112 C, 251 L, 231 L, 148 R, 269 B, 148 C, 331 L, 148 B

Waste Class Decoded:

145 - PAINT/PIGMENT/COATING RESIDUES; 148 - INORGANIC LABORATORY CHEMICALS; 146 - OTHER SPECIFIED INORGANICS; 145 - PAINT/PIGMENT/COATING RESIDUES; 331 - WASTE COMPRESSED GASES; 122 - ALKALINE WASTES - OTHER METALS; 145 - PAINT/PIGMENT/COATING RESIDUES; 252 - WASTE OILS & LUBRICANTS; 212 - ALIPHATIC SOLVENTS; 121 - ALKALINE WASTES - HEAVY METALS; 263 - ORGANIC LABORATORY CHEMICALS; 112 - ACID WASTE - HEAVY METALS; 251 - OIL SKIMMINGS & SLUDGES; 231 - LATEX WASTES; 148 - INORGANIC LABORATORY CHEMICALS; 269 - NON-HALOGENATED PESTICIDES; 148 - INORGANIC LABORATORY CHEMICALS; 331 - WASTE COMPRESSED GASES; 148 - INORGANIC LABORATORY CHEMICALS

Generator Info (as of Dec 2024)

Generator No: ON5720990
Generator Company Name: Cisco Systems Inc.
Street: 2000 Innovation Drive
City: Kanata
Province State: Ontario
Country: Canada
Postal Code: K2K3E8
Waste Class: 145 I, 212 L, 148 T, 212 I, 146 T, 145 I, 331 I, 122 C, 145 H, 252 L, 121 C, 263 I, 112 C, 251 L, 231 L, 148 R, 269 B, 148 C, 331 L, 148 B

Waste Class Decoded:

145 - PAINT/PIGMENT/COATING RESIDUES; 212 - ALIPHATIC SOLVENTS; 148 - INORGANIC LABORATORY CHEMICALS; 212 - ALIPHATIC SOLVENTS; 146 - OTHER SPECIFIED INORGANICS; 145 - PAINT/PIGMENT/COATING RESIDUES; 331 - WASTE COMPRESSED GASES; 122 - ALKALINE WASTES - OTHER METALS; 145 - PAINT/PIGMENT/COATING RESIDUES; 252 - WASTE OILS & LUBRICANTS; 121 - ALKALINE WASTES - HEAVY METALS; 263 - ORGANIC LABORATORY CHEMICALS; 112 - ACID WASTE - HEAVY METALS; 251 - OIL SKIMMINGS & SLUDGES; 231 - LATEX WASTES; 148 - INORGANIC LABORATORY CHEMICALS; 269 - NON-HALOGENATED PESTICIDES; 148 - INORGANIC LABORATORY CHEMICALS; 331 - WASTE COMPRESSED GASES; 148 - INORGANIC LABORATORY CHEMICALS

Generator Info (as of Apr 2025)

Generator Company Name: Cisco Systems Inc.
Generator Site Address: 2000 Innovation Drive
City: Kanata
Province State: Ontario
Country: Canada
Postal Code: K2K3E8
Waste Class: 212 L, 212 I, 145 I, 148 T, 146 T, 331 I, 122 C, 145 H, 252 L, 121 C, 263 I, 112 C, 251 L, 231 L, 148 R, 269 B, 148 C, 331 L, 148 B

Waste Class Decoded:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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212 - ALIPHATIC SOLVENTS; 212 - ALIPHATIC SOLVENTS; 145 - PAINT/PIGMENT/COATING RESIDUES; 148 - INORGANIC LABORATORY CHEMICALS; 146 - OTHER SPECIFIED INORGANICS; 331 - WASTE COMPRESSED GASES; 122 - ALKALINE WASTES - OTHER METALS; 145 - PAINT/PIGMENT/COATING RESIDUES; 252 - WASTE OILS & LUBRICANTS; 121 - ALKALINE WASTES - HEAVY METALS; 263 - ORGANIC LABORATORY CHEMICALS; 112 - ACID WASTE - HEAVY METALS; 251 - OIL SKIMMINGS & SLUDGES; 231 - LATEX WASTES; 148 - INORGANIC LABORATORY CHEMICALS; 269 - NON-HALOGENATED PESTICIDES; 148 - INORGANIC LABORATORY CHEMICALS; 331 - WASTE COMPRESSED GASES; 148 - INORGANIC LABORATORY CHEMICALS

Waste Characteristic Decoded:

L - Liquid Industrial Waste; I - Ignitable; I - Ignitable; T - Leachate Toxic; T - Leachate Toxic; I - Ignitable; C - Corrosive; H - Hazardous Industrial Waste; L - Liquid Industrial Waste; C - Corrosive; I - Ignitable; C - Corrosive; L - Liquid Industrial Waste; L - Liquid Industrial Waste; R - Reactive; B - Hazardous Waste Chemical; C - Corrosive; L - Liquid Industrial Waste; B - Hazardous Waste Chemical

2017 Generator Info

Gen No:	ON5720990	Choice of Contact:	CO_ADMIN
ID:	22593	Phone No Official:	613-254-3421 Ext.
Contaminated Fac:	N	Phone No Admin:	647-288-8816 Ext.
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	541710	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	Cisco Systems Inc.		
Gen Div:	Ottawa Campus		
Gen Op Name:	Cisco Systems Inc.		
Gen Op Div:	Ottawa Campus		
Site Adrs1:	2000 Innovation Drive		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Kanata		
Province Out:			
Site Postal Code:	K2K3E8		
Site Country:	Canada		
Co Official:	Allen F Mackinder		
Co Admin:	Rosanne Camacho		

2017 Generator Manifest

ID:	47448	Sum Received Qty:	3500.0
Generator No:	ON5720990	Waste Class Name:	OIL SKIMMINGS & SLUDGES
Receiver Type:	035	Count Manifests:	1
Waste Char:	L	District:	402
Waste Code:	251		

2018 Generator Info

Gen No:	ON5720990	Choice of Contact:	CO_ADMIN
ID:	22815	Phone No Official:	613-254-3327 Ext.
Contaminated Fac:	N	Phone No Admin:	4379953094 Ext.
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	541710	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	Cisco Systems Inc.		
Gen Div:	Ottawa Campus		
Gen Op Name:	Cisco Systems Inc.		
Gen Op Div:	Ottawa Campus		
Site Adrs1:	2000 Innovation Drive		
Site Bldg:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Pobox:					
Province In:		ONTARIO			
Site Adrs2:		Kanata			
Province Out:					
Site Postal Code:		K2K3E8			
Site Country:		Canada			
Co Official:		Brian Williams			
Co Admin:		Amanda Juric			

2019 Generator Info

Gen No:	ON5720990	Choice of Contact:	CO_OFFICIAL
ID:	22896	Phone No Official:	613-254-3327 Ext.
Contaminated Fac:	N	Phone No Admin:	6472888805 Ext.
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	541710	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	Cisco Systems Inc.		
Gen Div:	Ottawa Campus		
Gen Op Name:	Cisco Systems Inc.		
Gen Op Div:	Ottawa Campus		
Site Adrs1:	2000 Innovation Drive		
Site Bldg:			
Site Pobox:			
Province In:		ONTARIO	
Site Adrs2:		Kanata	
Province Out:			
Site Postal Code:		K2K3E8	
Site Country:		Canada	
Co Official:		Brian Williams	
Co Admin:		Samantha Tu	

2020 Generator Info

Gen No:	ON5720990	Choice of Contact:	CO_OFFICIAL
ID:	22622	Phone No Official:	613-254-3327 Ext.
Contaminated Fac:	N	Phone No Admin:	6472888805 Ext.
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	541710	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	Cisco Systems Inc.		
Gen Div:	Ottawa Campus		
Gen Op Name:	Cisco Systems Inc.		
Gen Op Div:	Ottawa Campus		
Site Adrs1:	2000 Innovation Drive		
Site Bldg:			
Site Pobox:			
Province In:		ONTARIO	
Site Adrs2:		Kanata	
Province Out:			
Site Postal Code:		K2K3E8	
Site Country:		Canada	
Co Official:		Brian Williams	
Co Admin:		Samantha Tu	

2021 Generator Info

Gen No:	ON5720990	Choice of Contact:	CO_OFFICIAL
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
ID:	22909			Phone No Official: 613 274 3327 Ext.	
Contaminated Fac:	N			Phone No Admin: 6472888805 Ext.	
MHSW Facility:	N			County Ont: OTTAWA CARLTON (RM)	
NAICS Code1:	541710			County Out:	
NAICS Code2:				District: 402	
NAICS Code3:					
Gen Name:		Cisco Systems Inc.			
Gen Div:		Ottawa Campus			
Gen Op Name:		Cisco Systems Inc.			
Gen Op Div:		Ottawa Campus			
Site Adrs1:		2000 Innovation Drive			
Site Bldg:					
Site Pobox:					
Province In:		ONTARIO			
Site Adrs2:					
Site City:		Kanata			
Province Out:					
Site Postal Code:		K2K3E8			
Site Country:		Canada			
Co Official:		Brian Williams			
Co Admin:		Samantha Tu			

2021 Generator Manifest

ID:	45279	Sum Received Qty:	4500.0
Generator No:	ON5720990	Waste Class Name:	OIL SKIMMINGS & SLUDGES
Receiver Type:	035	Count Manifests:	1
Waste Char:	L	District:	402
Waste Code:	251		

2 1 of 8 WSW/0.0 91.9 / 2.00 Cisco Systems Co.
2000 & 3000 Innovation Dr CA
Ottawa ON

Certificate #: 1397-7B5NP9
Application Year: 2008
Issue Date: 2/12/2008
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

2 2 of 8 WSW/0.0 91.9 / 2.00 Cisco Systems Co.
2000 and 3000 Innovation Dr Kanata CA
Ottawa ON

Certificate #: 1958-8GSPLM
Application Year: 2011
Issue Date: 5/20/2011
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Description:					
Contaminants:					
Emission Control:					
<u>2</u>	3 of 8	WSW/0.0	91.9 / 2.00	Cisco Systems Co. 2000 and 3000 Innovation Dr Kanata Ottawa ON K2K 3E8	ECA
Approval No:	9908-AC7NZP			MOE District:	Ottawa
Approval Date:	2016-07-26			City:	
Status:	Approved			Longitude:	-75.92633
Record Type:	ECA			Latitude:	45.33832
Link Source:	IDS			Geometry X:	
SWP Area Name:	Mississippi Valley			Geometry Y:	
Approval Type:	ECA-AIR				
Project Type:	AIR				
Business Name:	Cisco Systems Co.				
Address:	2000 and 3000 Innovation Dr Kanata				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5521-A3QN36-14.pdf				
PDF Site Location:					
<u>2</u>	4 of 8	WSW/0.0	91.9 / 2.00	Cisco Systems Co. 2000 & 3000 Innovation Dr Ottawa ON K2K 3E8	ECA
Approval No:	1397-7B5NP9			MOE District:	Ottawa
Approval Date:	2008-02-12			City:	
Status:	Approved			Longitude:	-75.9264
Record Type:	ECA			Latitude:	45.3404
Link Source:	IDS			Geometry X:	
SWP Area Name:	Mississippi Valley			Geometry Y:	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS				
Project Type:	INDUSTRIAL SEWAGE WORKS				
Business Name:	Cisco Systems Co.				
Address:	2000 & 3000 Innovation Dr				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4348-6YFRYT-14.pdf				
PDF Site Location:					
<u>2</u>	5 of 8	WSW/0.0	91.9 / 2.00	Cisco Systems Co. 2000 and 3000 Innovation Dr Kanata Ottawa ON K2K 3E8	ECA
Approval No:	1958-8GSPLM			MOE District:	Ottawa
Approval Date:	2011-05-20			City:	
Status:	Revoked and/or Replaced			Longitude:	-75.92633
Record Type:	ECA			Latitude:	45.33832
Link Source:	IDS			Geometry X:	
SWP Area Name:	Mississippi Valley			Geometry Y:	
Approval Type:	ECA-AIR				
Project Type:	AIR				
Business Name:	Cisco Systems Co.				
Address:	2000 and 3000 Innovation Dr Kanata				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2330-89XKGW-14.pdf				
PDF Site Location:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	6 of 8	WSW/0.0	91.9 / 2.00	Hydro Ottawa Limited 3000 Innovation Dr. Ottawa ON	SPL
<p> Ref No: 3017-9TYLXL Year: Incident Dt: 2/22/2015 Dt MOE Arvl on Scn: MOE Reported Dt: 2/22/2015 Dt Document Closed: 5/5/2015 Site No: NA MOE Response: N Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: 3000 Innovation Dr.<UNOFFICIAL> Site Address: 3000 Innovation Dr. Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Entity Operating Name: Client Name: Hydro Ottawa Limited Client Type: Source Type: Incident Cause: Collision/Accident Incident Preceding Spill: Incident Reason: Operator/Human Error Incident Summary: Hydro Ottawa: 120 L of non-PCB transformer oil to concrete pad, snow Environment Impact: Health Env Consequence: Nature of Impact: Land Contaminant Qty: 120 L Contaminant Qty 1: 120 Contaminant Unit: L Contaminant Code: 15 Contaminant Name: TRANSFORMER OIL (N.O.S.) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Land Spills Call Report Locatn Geodata: Time Reported: System Facility Address: </p>					
2	7 of 8	WSW/0.0	91.9 / 2.00	3000 Innovation Drive Kanata, ON K2K 3E8 OTTAWA ON	SPL
<p> Ref No: 1-2ARJ4Z Year: Incident Dt: 11/30/2022 12:26:17 PM Dt MOE Arvl on Scn: MOE Reported Dt: 12/5/2022 12:26:17 PM Dt Document Closed: 12/5/2022 2:59:03 PM Municipality No: Nature of Damage: Discharger Report: Material Group: Impact to Health: 0 No Impact Agency Involved: </p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site No: MOE Response: Desktop Response Site County/District: Site Geo Ref Meth: Site District Office: Ottawa District Office Nearest Watercourse: Site Name: Site Address: 3000 Innovation Drive Kanata, ON K2K 3E8 Site Region: Site Municipality: OTTAWA Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Entity Operating Name: Client Name: Client Type: Source Type: Incident Cause: Incident Preceding Spill: Incident Reason: Incident Summary: Cisco Systems Inc: 40% ethylene glycol, unknown amount into sanitary - Nov 30 Environment Impact: 1 Minor Impact Health Env Consequence: Nature of Impact: Contaminant Qty: 100 litre (L) Contaminant Qty 1: Contaminant Unit: Contaminant Code: Contaminant Name: GLYCOL/WATER SOLUTION Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Land Activity Preceding Spill: Property 2nd Watershed: Lower Ottawa Property Tertiary Watershed: 02KE - Lower Madawaska Sector Type: SAC Action Class: Call Report Locatn Geodata: {"integration_ids":["PR00004017255"],"wkts":["POINT (-75.9278680000 45.3415677000)","creation_date":"2022-12-05"} Time Reported: System Facility Address:					

2	8 of 8	WSW/0.0	91.9 / 2.00	3000 Innovation Drive, Ottawa OTTAWA ON	SPL
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Ref No:	1-5LQV66	Municipality No:	
Year:		Nature of Damage:	
Incident Dt:	Apr 08,2024 09:00:53 AM	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	Apr 10,2024 10:25:53 AM	Impact to Health:	
Dt Document Closed:	Apr 11,2024 03:13:19 PM	Agency Involved:	
Site No:			
MOE Response:	Desktop Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa District Office		
Nearest Watercourse:			
Site Name:			
Site Address:	3000 Innovation Drive, Ottawa		
Site Region:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Municipality:		OTTAWA			
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Entity Operating Name:					
Client Name:					
Client Type:					
Source Type:		Other (specify)			
Incident Cause:					
Incident Preceding Spill:		Leak/Break			
Incident Reason:		Equipment failure/malfunction			
Incident Summary:		City of Ottawa: Glycol release to roof drain, clean-up complete.			
Environment Impact:					
Health Env Consequence:		Low			
Nature of Impact:					
Contaminant Qty:		113 litre (L)			
Contaminant Qty 1:					
Contaminant Unit:					
Contaminant Code:					
Contaminant Name:		GLYCOLS; TOTAL			
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:		Land			
Activity Preceding Spill:		Normal operations			
Property 2nd Watershed:		Lower Ottawa			
Property Tertiary Watershed:		02KE - Lower Madawaska			
Sector Type:		STEAM AND AIR-CONDITIONING SUPPLY			
SAC Action Class:					
Call Report Locatn Geodata:		{ "integration_ids": ["PR00004017255"], "wkts": ["POINT (-75.9278680000 45.3415677000)"], "creation_date": "2024-04-10" }			
Time Reported:					
System Facility Address:					

3 1 of 1 ENE/0.0 85.9 / -4.00 OTTAWA ON SPL

Ref No:	1-EL90KD	Municipality No:	
Year:		Nature of Damage:	
Incident Dt:	Dec 11,2024 11:00:00 AM	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	Dec 11,2024 12:25:18 PM	Impact to Health:	
Dt Document Closed:	Dec 13,2024 10:20:51 AM	Agency Involved:	
Site No:			
MOE Response:	Desktop Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa District Office		
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	OTTAWA		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Client Type: Source Type: Container/Drum/Tote Incident Cause: Incident Preceding Spill: Leak/Break Incident Reason: Improper spill containment Incident Summary: O311 ~ 70gals / 270L glycol (40%) from roof to city sewer, investigating Environment Impact: Health Env Consequence: Low Nature of Impact: Contaminant Qty: 265 litre (L) Contaminant Qty 1: Contaminant Unit: Contaminant Code: Contaminant Name: ETHYLENE GLYCOL DIETHYL ETHER Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Surface Water Activity Preceding Spill: Loading and Unloading Property 2nd Watershed: 02K Central Ottawa River Property Tertiary Watershed: 02KF Mississippi River - Central Ottawa River Sector Type: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING AND LIFE SCIENCES SAC Action Class: Call Report Locatn Geodata: {"integration_ids":["PR00004315494"],"wkts":["POINT (-75.9246852000 45.3425273000)"],"creation_date":"2024-12-11"} Time Reported: System Facility Address:					

<u>4</u>	1 of 3	SSE/26.4	91.9 / 2.00	lot 8 con 3 ON	WWIS
Well ID: 1519892 Construction Date: Use 1st: Domestic Use 2nd: Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: MARCH TOWNSHIP Site Info: PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519892.pdf					

Additional Detail(s) (Map)

Well Completed Date:	08/02/1985
Year Completed:	1985
Depth (m):	15.24
Latitude:	45.3404087688788
Longitude:	-75.9263818431198
X:	-75.92638168132108
Y:	45.34040876238565

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Path:		151\1519892.pdf			

Bore Hole Information

Bore Hole ID:	10041745	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	427420.60
Code OB Desc:		North83:	5021184.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	08/02/1985	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931043070
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	8.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931043071
Layer:	3
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	78
Material 2 Desc:	MEDIUM-GRAINED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	17.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931043069
Layer:	1
Color:	6
General Color:	BROWN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		79			
Material 2 Desc:		PACKED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		8.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961519892			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10590315			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930072883			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		50.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930072882			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991519892			
Pump Set At:					
Static Level:		13.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		30.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934376150				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	20.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934654340				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	20.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934109766				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	20.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934895237				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	20.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933476991				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	45.0				
Water Found Depth UOM:	ft				

4 2 of 3 **SSE/26.4** 91.9 / 2.00 lot 8 con 3
ON **WWIS**

Well ID:	1520590	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	07/21/1986
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	NA	Contractor:	5222
Tag:		Form Version:	1
Constructn Method:		Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931045240			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		01			
Material 2 Desc:		FILL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		7.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933109160			
Layer:		1			
Plug From:		0.0			
Plug To:		27.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961520590			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10591002			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930074060			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		21.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930074061			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		55.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991520590			
Pump Set At:					
Static Level:		5.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		20.0			
Pumping Rate:		100.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934648363			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934906145			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934112477			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934387340			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933477874			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		37.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Details					
Water ID:		933477875			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		46.0			
Water Found Depth UOM:		ft			

4	3 of 3	SSE/26.4	91.9 / 2.00	lot 8 con 3 ON	WWIS
Well ID:	1523444			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	06/23/1989
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	17804			Contractor:	1504
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	008
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	MARCH TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1523444.pdf				

Additional Detail(s) (Map)

Well Completed Date:	05/04/1989
Year Completed:	1989
Depth (m):	43.2816
Latitude:	45.3404087688788
Longitude:	-75.9263818431198
X:	-75.92638168132108
Y:	45.34040876238565
Path:	152\1523444.pdf

Bore Hole Information

Bore Hole ID:	10045219	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	427420.60
Code OB Desc:		North83:	5021184.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	05/04/1989	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Improvement Location Method:
Source Revision Comment:
Supplier Comment:

**Overburden and Bedrock
Materials Interval**

Formation ID: 931054640
Layer: 1
Color: 5
General Color: YELLOW
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931054641
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931054642
Layer: 3
Color: 1
General Color: WHITE
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 80.0
Formation End Depth: 142.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961523444
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

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

Pipe ID: 10593789
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079131
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 142.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930079130
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991523444
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 140.0
Recommended Pump Depth: 130.0
Pumping Rate: 50.0
Flowing Rate:
Recommended Pump Rate: 50.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934389200
Test Type: Recovery
Test Duration: 30
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934907385					
Test Type: Recovery					
Test Duration: 60					
Test Level: 10.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934104971					
Test Type: Recovery					
Test Duration: 15					
Test Level: 10.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934650181					
Test Type: Recovery					
Test Duration: 45					
Test Level: 10.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933481708					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 130.0					
Water Found Depth UOM: ft					
5	1 of 14	WNW/35.2	91.9 / 2.00	2113007 Ontario Inc. 4000 Innovation Dr Ottawa ON	CA
Certificate #: 0832-7JEHDX					
Application Year: 2008					
Issue Date: 9/17/2008					
Approval Type: Air					
Status: Approved					
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
5	2 of 14	WNW/35.2	91.9 / 2.00	2113007 Ontario Inc. 4000 Innovation Dr Ottawa ON N2L 3W8	ECA
Approval No: 0832-7JEHDX					
Approval Date: 2008-09-17					
Status: Approved					
Record Type: ECA					
Link Source: IDS					
SWP Area Name: Mississippi Valley					
Approval Type: ECA-AIR					
MOE District: Ottawa					
City:					
Longitude: -75.92633					
Latitude: 45.33832					
Geometry X:					
Geometry Y:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Type:		AIR			
Business Name:		2113007 Ontario Inc.			
Address:		4000 Innovation Dr			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/6480-7GUQ3R-14.pdf			
PDF Site Location:					

5	3 of 14	WNW/35.2	91.9 / 2.00	4000 Innovation Drive Ottawa ON Kanata ON K2K 3K1	EHS
Order No:		22112400092		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		29-NOV-22		Search Radius (km): .25	
Date Received:		24-NOV-22		X: -75.9288278	
Previous Site Name:				Y: 45.3425651	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			

5	4 of 14	WNW/35.2	91.9 / 2.00	Research In Motions Limited 4000 Innovation Drive Kanata ON K2K 3K1	GEN
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Generator Info

Generator No:		ON7018372		Choice of Contact:	
Approval Years:		2009		Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code: 334210	
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:		Telephone Apparatus Manufacturing			

Waste Detail(s)

Waste Class:	112
Waste Class Name:	ACID WASTE - HEAVY METALS

Waste Detail(s)

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

5	5 of 14	WNW/35.2	91.9 / 2.00	Research In Motions Limited 4000 Innovation Drive Kanata ON K2K 3K1	GEN
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Generator Info

Generator No:		ON7018372		Choice of Contact:	
Approval Years:		2010		Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code: 334210	
Country:					
Co Admin:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Phone No Admin:					
SIC Description:		Telephone Apparatus Manufacturing			
<u>Waste Detail(s)</u>					
Waste Class:		148			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
<u>Waste Detail(s)</u>					
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
<u>Waste Detail(s)</u>					
Waste Class:		112			
Waste Class Name:		ACID WASTE - HEAVY METALS			

<u>5</u>	6 of 14	WNW/35.2	91.9 / 2.00	Research In Motions Limited 4000 Innovation Drive Kanata ON K2K 3K1	GEN
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Generator Info

Generator No:	ON7018372	Choice of Contact:	
Approval Years:	2011	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	334210
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Telephone Apparatus Manufacturing		

Waste Detail(s)

Waste Class:	112
Waste Class Name:	ACID WASTE - HEAVY METALS

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	148
Waste Class Name:	INORGANIC LABORATORY CHEMICALS

<u>5</u>	7 of 14	WNW/35.2	91.9 / 2.00	Research In Motions Limited 4000 Innovation Drive Kanata ON K2K 3K1	GEN
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Generator Info

Generator No:	ON7018372	Choice of Contact:	
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Approval Years:	2012			Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code:	334210
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:		Telephone Apparatus Manufacturing			
 <u>Waste Detail(s)</u>					
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
 <u>Waste Detail(s)</u>					
Waste Class:		112			
Waste Class Name:		ACID WASTE - HEAVY METALS			
 <u>Waste Detail(s)</u>					
Waste Class:		148			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
<hr/>					
<u>5</u>	8 of 14	WNW/35.2	91.9 / 2.00	BlackBerry Limited 4000 Innovation Drive Kanata ON	GEN
 <u>Generator Info</u>					
Generator No:	ON7018372			Choice of Contact:	
Approval Years:	2013			Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code:	334210
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:		TELEPHONE APPARATUS MANUFACTURING			
 <u>Waste Detail(s)</u>					
Waste Class:		263			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
 <u>Waste Detail(s)</u>					
Waste Class:		112			
Waste Class Name:		ACID WASTE - HEAVY METALS			
 <u>Waste Detail(s)</u>					
Waste Class:		148			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
 <u>Waste Detail(s)</u>					
Waste Class:		146			
Waste Class Name:		OTHER SPECIFIED INORGANICS			

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

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

5	9 of 14	WNW/35.2	91.9 / 2.00	BlackBerry Limited 4000 Innovation Drive Kanata ON K2K 3K1	GEN
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Generator Info

Generator No:	ON7018372	Choice of Contact:	CO_OFFICIAL
Approval Years:	2016	Contaminated Fac:	No
Status:		MHSW Facility:	No
PO Box No:		SIC Code:	334210
Country:	Canada		
Co Admin:	Laura Beattie		
Phone No Admin:	5198887465 Ext.70454		
SIC Description:	TELEPHONE APPARATUS MANUFACTURING		

Waste Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Waste Detail(s)</u>					
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
<u>Waste Detail(s)</u>					
Waste Class:		148			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			

<u>5</u>	10 of 14	WNW/35.2	91.9 / 2.00	BlackBerry Limited 4000 Innovation Drive Kanata ON K2K 3K1	GEN
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Generator Info

Generator No:	ON7018372	Choice of Contact:	CO_OFFICIAL
Approval Years:	2015	Contaminated Fac:	No
Status:		MHSW Facility:	No
PO Box No:		SIC Code:	334210
Country:	Canada		
Co Admin:	Laura Beattie		
Phone No Admin:	5198887465 Ext.70454		
SIC Description:	TELEPHONE APPARATUS MANUFACTURING		

Waste Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Detail(s)

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

<u>5</u>	11 of 14	WNW/35.2	91.9 / 2.00	BlackBerry Limited 4000 Innovation Drive Kanata ON K2K 3K1	GEN
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Generator Info

Generator No:	ON7018372	Choice of Contact:	CO_OFFICIAL
Approval Years:	2014	Contaminated Fac:	No
Status:		MHSW Facility:	No
PO Box No:		SIC Code:	334210
Country:	Canada		
Co Admin:	Jennifer McLaughlin		
Phone No Admin:	5198887465 Ext.76749		
SIC Description:	TELEPHONE APPARATUS MANUFACTURING		

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

<u>5</u>	12 of 14	WNW/35.2	91.9 / 2.00	BlackBerry Limited 4000 Innovation Drive	GEN
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Kanata ON K2K 3K1

Generator Info

Generator No:	ON7018372	Choice of Contact:
Approval Years:	As of Dec 2018	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

Waste Class: 252 L
Waste Class Name: Waste crankcase oils and lubricants

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 112 C
Waste Class Name: Acid solutions - containing heavy metals

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 331 I

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		Waste compressed gases including cylinders			
<u>Waste Detail(s)</u>					
Waste Class:		145 L			
Waste Class Name:		Wastes from the use of pigments, coatings and paints			
<u>Waste Detail(s)</u>					
Waste Class:		148 L			
Waste Class Name:		Misc. wastes and inorganic chemicals			
<u>Waste Detail(s)</u>					
Waste Class:		212 B			
Waste Class Name:		Aliphatic solvents and residues			

<u>5</u>	13 of 14	WNW/35.2	91.9 / 2.00	BlackBerry Limited 4000 Innovation Drive Kanata ON K2K 3K1	GEN
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Generator Info

Generator No:	ON7018372	Choice of Contact:
Approval Years:	As of Oct 2019	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	212 B
Waste Class Name:	Aliphatic solvents and residues

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	112 C
Waste Class Name:	Acid solutions - containing heavy metals

<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>
<u>Waste Detail(s)</u>					
Waste Class:		148 C			
Waste Class Name:		Misc. wastes and inorganic chemicals			
<u>Waste Detail(s)</u>					
Waste Class:		263 L			
Waste Class Name:		Misc. waste organic chemicals			
<u>Waste Detail(s)</u>					
Waste Class:		252 L			
Waste Class Name:		Waste crankcase oils and lubricants			
<u>Waste Detail(s)</u>					
Waste Class:		263 I			
Waste Class Name:		Misc. waste organic chemicals			
<u>Waste Detail(s)</u>					
Waste Class:		331 I			
Waste Class Name:		Waste compressed gases including cylinders			
<u>Waste Detail(s)</u>					
Waste Class:		146 T			
Waste Class Name:		Other specified inorganic sludges, slurries or solids			
<u>Waste Detail(s)</u>					
Waste Class:		145 L			
Waste Class Name:		Wastes from the use of pigments, coatings and paints			
<u>2017 Generator Info</u>					
Gen No:	ON7018372			Choice of Contact:	CO_OFFICIAL
ID:	27566			Phone No Official:	5198887465 Ext.76749
Contaminated Fac:	N			Phone No Admin:	5198887465 Ext.70454
MHSW Facility:	N			County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	334210			County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:	BlackBerry Limited				
Gen Div:					
Gen Op Name:	BlackBerry Limited				
Gen Op Div:					
Site Adrs1:	4000 Innovation Drive				
Site Bldg:	4000 Innovation				
Site Pobox:					
Province In:	ONTARIO				
Site Adrs2:					
Site City:	Kanata				
Province Out:					
Site Postal Code:	K2K 3K1				
Site Country:	Canada				
Co Official:	Jennifer McLaughlin				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Co Admin: Laura Beattie

2018 Generator Info

Gen No:	ON7018372	Choice of Contact:	CO_OFFICIAL
ID:	27993	Phone No Official:	5198887465 Ext.76749
Contaminated Fac:	N	Phone No Admin:	5198887465 Ext.70454
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	334210	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	BlackBerry Limited		
Gen Div:			
Gen Op Name:	BlackBerry Limited		
Gen Op Div:			
Site Adrs1:	4000 Innovation Drive		
Site Bldg:	4000 Innovation		
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Kanata		
Province Out:			
Site Postal Code:	K2K 3K1		
Site Country:	Canada		
Co Official:	Jennifer McLaughlin		
Co Admin:	Laura Beattie		

2018 Generator Manifest

ID:	53780	Sum Received Qty:	40.0
Generator No:	ON7018372	Waste Class Name:	INORGANIC LABORATORY CHEMICALS
Receiver Type:	035	Count Manifests:	1
Waste Char:	C	District:	306
Waste Code:	148		

2018 Generator Manifest

ID:	53781	Sum Received Qty:	1.0
Generator No:	ON7018372	Waste Class Name:	ORGANIC LABORATORY CHEMICALS
Receiver Type:	035	Count Manifests:	1
Waste Char:	C	District:	306
Waste Code:	263		

2018 Generator Manifest

ID:	53782	Sum Received Qty:	40.0
Generator No:	ON7018372	Waste Class Name:	ORGANIC LABORATORY CHEMICALS
Receiver Type:	035	Count Manifests:	1
Waste Char:	I	District:	306
Waste Code:	263		

2018 Generator Manifest

ID:	53783	Sum Received Qty:	660.0
Generator No:	ON7018372	Waste Class Name:	ORGANIC LABORATORY CHEMICALS
Receiver Type:	035	Count Manifests:	1
Waste Char:	L	District:	306
Waste Code:	263		

2018 Generator Manifest

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
ID:	53784			Sum Received Qty: 20.0	
Generator No:	ON7018372			Waste Class Name: WASTE COMPRESSED GASES	
Receiver Type:	035			Count Manifests: 1	
Waste Char:	I			District: 306	
Waste Code:	331				

2019 Generator Info

Gen No:	ON7018372	Choice of Contact:	CO_OFFICIAL
ID:	28267	Phone No Official:	5198887465 Ext.76749
Contaminated Fac:	N	Phone No Admin:	5198887465 Ext.70454
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	334210	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	BlackBerry Limited		
Gen Div:			
Gen Op Name:	BlackBerry Limited		
Gen Op Div:			
Site Adrs1:	4000 Innovation Drive		
Site Bldg:	4000 Innovation		
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Kanata		
Province Out:			
Site Postal Code:	K2K 3K1		
Site Country:	Canada		
Co Official:	Jennifer McLaughlin		
Co Admin:	Laura Beattie		

5	14 of 14	WNW/35.2	91.9 / 2.00	Colonnade Bridgeport Realty Management 4000 Innovation Drive Ottawa ON	GEN
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Generator Info (as of Dec 2024)

Generator No:	ON001058479
Generator Company Name:	Colonnade Bridgeport Realty Management
Street:	4000 Innovation Drive
City:	Ottawa
Province State:	Ontario
Country:	Canada
Postal Code:	K2K 3K1
Waste Class:	150 L

Waste Class Decoded:

150 - INERT INORGANIC WASTES

Generator Info (as of Apr 2025)

Generator Company Name:	Colonnade Bridgeport Realty Management
Generator Site Address:	4000 Innovation Drive
City:	Ottawa
Province State:	Ontario
Country:	Canada
Postal Code:	K2K 3K1
Waste Class:	150 L

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Waste Class Decoded:

150 - INERT INORGANIC WASTES

Waste Characteristic Decoded:

L - Liquid Industrial Waste

6	1 of 13	NW/58.8	90.6 / 0.69	2118777 Ontario Inc. 5050 Innovation Drive Ottawa K2K 3K1 CITY OF OTTAWA ON	EBR
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EBR Registry No: 011-8064
Ministry Ref No: 5070-93SMM4
Notice Type: Instrument Decision
Notice Stage:
Notice Date: June 06, 2013
Proposal Date: January 28, 2013
Year: 2013
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Instrument Type: (EPA Part II.1-air) - Environmental Compliance Approval (project type: air)
Off Instrument Name:
Posted By:
Company Name: 2118777 Ontario Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 295 Phillip Street, Waterloo Ontario, Canada N2L 3W8
Comment Period:
URL:
Summary:

Site Location Details:

5050 Innovation Drive Ottawa K2K 3K1 CITY OF OTTAWA

6	2 of 13	NW/58.8	90.6 / 0.69	2118777 Ontario Inc. 5050 Innovation Drive City of Ottawa ON	ECA
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Approval No: 8725-9MJTGK
Approval Date: 7/31/14
Status: Approved
Record Type:
Link Source:
SWP Area Name:
Approval Type:
Project Type: Air/Noise
Business Name: 2118777 Ontario Inc.
Address:
Full Address: 5050 Innovation Drive City of Ottawa
Full PDF Link:
PDF Site Location:

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

6	3 of 13	NW/58.8	90.6 / 0.69	Innovation Blvd. I, LLC 5050 Innovation Dr Ottawa ON 19801	ECA
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Approval No: 2024-A6BMUK
MOE District:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Date:	2016-02-01			City:	
Status:	Revoked and/or Replaced			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	Innovation Blvd. I, LLC				
Address:	5050 Innovation Dr				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6382-A5FKSW-14.pdf				
PDF Site Location:					

[6](#) 4 of 13 NW/58.8 90.6 / 0.69 2118777 Ontario Inc.
5050 Innovation Dr
Ottawa ON K2K 3K1 ECA

Approval No: 8725-9MJTGK **MOE District:**
Approval Date: 2014-07-31 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-AIR
Project Type: AIR
Business Name: 2118777 Ontario Inc.
Address: 5050 Innovation Dr
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/2160-9FVRU7-14.pdf>
PDF Site Location:

[6](#) 5 of 13 NW/58.8 90.6 / 0.69 2118777 Ontario Inc.
5050 Innovation Dr
Ottawa ON K2K 3K1 ECA

Approval No: 2358-9873XR **MOE District:**
Approval Date: 2013-05-31 **City:**
Status: Revoked and/or Replaced **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-AIR
Project Type: AIR
Business Name: 2118777 Ontario Inc.
Address: 5050 Innovation Dr
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5070-93SMM4-14.pdf>
PDF Site Location:

[6](#) 6 of 13 NW/58.8 90.6 / 0.69 5050 Innovation Drive And 96 Hines Road
Ottawa ON EHS

Order No: 20140711019 **Nearest Intersection:**
Status: C **Municipality:**
Report Type: Custom Report **Client Prov/State:** ON
Report Date: 17-JUL-14 **Search Radius (km):** .25
Date Received: 11-JUL-14 **X:** -75.927842
Previous Site Name: **Y:** 45.345276
Lot/Building Size:
Additional Info Ordered: City Directory

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	7 of 13	NW/58.8	90.6 / 0.69	Research In Motion Limited 5050 Innovation Drive Kanata ON	GEN

Generator Info

Generator No:	ON9079498	Choice of Contact:	
Approval Years:	2012	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	334210
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Telephone Apparatus Manufacturing		

6	8 of 13	NW/58.8	90.6 / 0.69	BlackBerry Limited 5050 Innovation Drive Kanata ON	GEN
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Generator Info

Generator No:	ON9079498	Choice of Contact:	
Approval Years:	2013	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	334210
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	TELEPHONE APPARATUS MANUFACTURING		

Waste Detail(s)

Waste Class:	312
Waste Class Name:	PATHOLOGICAL WASTES

6	9 of 13	NW/58.8	90.6 / 0.69	BlackBerry Limited 5050 Innovation Drive Kanata ON K2K 3K1	GEN
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Generator Info

Generator No:	ON9079498	Choice of Contact:	CO_OFFICIAL
Approval Years:	2014	Contaminated Fac:	No
Status:		MHSW Facility:	No
PO Box No:		SIC Code:	334210
Country:	Canada		
Co Admin:	Paul Allen		
Phone No Admin:	5198887465 Ext.77201		
SIC Description:	TELEPHONE APPARATUS MANUFACTURING		

Waste Detail(s)

Waste Class:	312
Waste Class Name:	PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>6</u>	10 of 13	NW/58.8	90.6 / 0.69	5050 Innovation Drive Ottawa ON	SPL
Ref No:	6070-A7PTMZ			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	2016/03/02			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	2016/03/03			Impact to Health:	
Dt Document Closed:				Agency Involved:	
Site No:	NA				
MOE Response:	No				
Site County/District:					
Site Geo Ref Meth:					
Site District Office:					
Nearest Watercourse:					
Site Name:	Broccolini<UNOFFICIAL>				
Site Address:	5050 Innovation Drive				
Site Region:					
Site Municipality:	Ottawa				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Entity Operating Name:					
Client Name:					
Client Type:					
Source Type:					
Incident Cause:					
Incident Preceding Spill:	Leak/Break				
Incident Reason:	Equipment Failure				
Incident Summary:	Broccolini 150 L of sewage to ground, cleaning				
Environment Impact:					
Health Env Consequence:					
Nature of Impact:					
Contaminant Qty:	150 L				
Contaminant Qty 1:	150				
Contaminant Unit:	L				
Contaminant Code:	44				
Contaminant Name:	SEWAGE,RAW UNCHLORINATED				
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:	Land				
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:	Miscellaneous Industrial				
SAC Action Class:	Land Spills				
Call Report Locatn Geodata:					
Time Reported:					
System Facility Address:					

<u>6</u>	11 of 13	NW/58.8	90.6 / 0.69	5050 Innovation Drive, Ottawa Ottawa ON K2K 0J2	SPL
Ref No:	7215-BTFPUH			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	2020/09/14			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	2020/09/14			Impact to Health:	0 - No Impact

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Dt Document Closed:				Agency Involved:	
Site No:		NA			
MOE Response:		No			
Site County/District:					
Site Geo Ref Meth:					
Site District Office:		Ottawa			
Nearest Watercourse:					
Site Name:		Ciena Ottawa<UNOFFICIAL>			
Site Address:		5050 Innovation Drive, Ottawa			
Site Region:		Eastern			
Site Municipality:		Ottawa			
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Entity Operating Name:					
Client Name:					
Client Type:					
Source Type:		Valve/Fitting/Piping			
Incident Cause:					
Incident Preceding Spill:		Leak/Break			
Incident Reason:		Equipment Failure			
Incident Summary:		Ciena Ottawa: 427 kg R134A to atmosphere			
Environment Impact:					
Health Env Consequence:					
Nature of Impact:					
Contaminant Qty:		427 kg			
Contaminant Qty 1:		427			
Contaminant Unit:		kg			
Contaminant Code:		38			
Contaminant Name:		REFRIGERANT GAS, N.O.S.			
Contaminant Limit 1:					
Contam Limit Freq 1:		n/a			
Contaminant UN No 1:		1078			
Receiving Medium:		Air			
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:		Miscellaneous Industrial			
SAC Action Class:		Air Spills - Gases and Vapours			
Call Report Locatn Geodata:					
Time Reported:					
System Facility Address:					

6	12 of 13	NW/58.8	90.6 / 0.69	5050 Innovation Drive, Ottawa OTTAWA ON	SPL
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Ref No:	1-F35XS	Municipality No:	
Year:		Nature of Damage:	
Incident Dt:	5/7/2021 11:00:14 AM	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	5/7/2021 12:40:11 PM	Impact to Health:	0 No Impact
Dt Document Closed:	5/11/2021 8:05:45 AM	Agency Involved:	
Site No:			
MOE Response:	Desktop Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa District Office		
Nearest Watercourse:			
Site Name:			
Site Address:	5050 Innovation Drive, Ottawa		
Site Region:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Municipality: Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Entity Operating Name: Client Name: Client Type: Source Type: Incident Cause: Incident Preceding Spill: Incident Reason: Incident Summary: Environment Impact: Health Env Consequence: Nature of Impact: Contaminant Qty: Contaminant Qty 1: Contaminant Unit: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Call Report Locatn Geodata: Time Reported: System Facility Address:		OTTAWA		Gal Power: 1L Diesel Indoor Spill (FSB Notification) 0 No Impact	
		1 litre (L)		DIESEL FUEL	
		Land		Central Ottawa 02KF-Central Ottawa - Mississippi FOSSIL-FUEL ELECTRIC POWER GENERATION	
				{"integration_ids":["PR00004274332"],"wks":["POINT (-75.9290237000 45.3442754000)],"creation_date":"2021-05-07"}	

<u>6</u>	13 of 13	NW/58.8	90.6 / 0.69	5050 Innovation Drive, Ottawa OTTAWA ON	SPL
Ref No:	1-3EN70D			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	4/5/2023 1:00:00 PM			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	4/13/2023 8:04:06 AM			Impact to Health:	0 No Impact
Dt Document Closed:	7/6/2023 11:01:29 AM			Agency Involved:	
Site No:					
MOE Response:	Desktop Response				
Site County/District:					
Site Geo Ref Meth:					
Site District Office:	Ottawa District Office				
Nearest Watercourse:					
Site Name:					
Site Address:	5050 Innovation Drive, Ottawa				
Site Region:					
Site Municipality:	OTTAWA				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Entity Operating Name:					
Client Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Client Type: Source Type: Container/Drum/Tote Incident Cause: Incident Preceding Spill: Incident Reason: Incident Summary: Ciena - 241.3 kg of R134A to atmosphere Environment Impact: 1 Minor Impact Health Env Consequence: Nature of Impact: Contaminant Qty: 241.3 kilogram (kg) Contaminant Qty 1: Contaminant Unit: Contaminant Code: Contaminant Name: REFRIGERANT GASES (N.O.S.) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Air Activity Preceding Spill: Property 2nd Watershed: Central Ottawa Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi Sector Type: COMMUNICATION AND ENERGY WIRE AND CABLE MANUFACTURING SAC Action Class: Call Report Locatn Geodata: {"integration_ids":["PR00004274332"],"wks":["POINT (-75.9289907000 45.3442606000)"],"creation_date":"2023-04-13"} Time Reported: System Facility Address:					

<u>7</u>	1 of 1	ESE/59.4	89.2 / -0.69	2101 Innovation Dr Ottawa ON	EHS
Order No:	20130313019	Nearest Intersection:			
Status:	C	Municipality:	Ottawa		
Report Type:	Standard Report	Client Prov/State:	ON		
Report Date:	22-MAR-13	Search Radius (km):	.25		
Date Received:	13-MAR-13	X:	0		
Previous Site Name:		Y:	0		
Lot/Building Size:	8.33 acres and 8.34 acres				
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Title Searches				

<u>8</u>	1 of 1	WSW/70.5	95.7 / 5.86	Conc III, Lot 8,9 Ottawa ON	EHS
Order No:	20070801049	Nearest Intersection:			
Status:	C	Municipality:			
Report Type:	CAN - Complete Report	Client Prov/State:			
Report Date:	8/8/2007	Search Radius (km):	0.25		
Date Received:	8/1/2007	X:	-75.93022		
Previous Site Name:		Y:	45.340712		
Lot/Building Size:					
Additional Info Ordered:					

<u>9</u>	1 of 4	WSW/96.9	95.9 / 6.02	CITY OF OTTAWA 4101 Innovation DR Ottawa ON K4A 0X3	EASR
Approval No:	R-002-8384082968	MOE District:			
Status:	REGISTERED	Municipality:	Ottawa		
Date:	2013-10-31	Latitude:	75.92916667		
Record Type:	EASR	Longitude:	45.34		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Link Source: Project Type: Full Address: Approval Type: SWP Area Name: PDF NAICS Code: PDF URL: PDF Site Location:	MOFA Standby Power System	EASR-Standby Power System		Geometry X: Geometry Y:	

<u>9</u>	2 of 4	WSW/96.9	95.9 / 6.02	City Of Ottawa RCFS/FOS 4101 Innovation Drive Kanata ON K2K0J3	GEN
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Generator Info

Generator No: Approval Years: Status: PO Box No: Country: Co Admin: Phone No Admin: SIC Description:	ON5969641 As of Jul 2020 Registered Canada	Choice of Contact: Contaminated Fac: MHSW Facility: SIC Code:
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Waste Detail(s)

Waste Class: Waste Class Name:	252 L Waste crankcase oils and lubricants
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Waste Detail(s)

Waste Class: Waste Class Name:	145 L Wastes from the use of pigments, coatings and paints
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<u>9</u>	3 of 4	WSW/96.9	95.9 / 6.02	City Of Ottawa RCFS/FOS 4101 Innovation Drive Kanata ON K2K0J3	GEN
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Generator Info

Generator No: Approval Years: Status: PO Box No: Country: Co Admin: Phone No Admin: SIC Description:	ON5969641 As of Nov 2021 Registered Canada	Choice of Contact: Contaminated Fac: MHSW Facility: SIC Code:
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Waste Detail(s)

Waste Class: Waste Class Name:	252 L Waste crankcase oils and lubricants
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Waste Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		145 L			
Waste Class Name:		Wastes from the use of pigments, coatings and paints			

9	4 of 4	WSW/96.9	95.9 / 6.02	City of Ottawa Facility Operations Service 4101 Innovation Drive Ottawa ON	GEN
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Generator Info

Generator No:	ON5969641	Choice of Contact:
Approval Years:	As of Oct 2022	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

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

Waste Detail(s)

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

Generator Info (as of Dec 2024)

Generator No:	ON5969641
Generator Company Name:	City of Ottawa Facility Operations Service
Street:	4101 Innovation Drive
City:	Ottawa
Province State:	Ontario
Country:	Canada
Postal Code:	K2K 0J3
Waste Class:	252 L, 145 L

Waste Class Decoded:

252 - WASTE OILS & LUBRICANTS; 145 - PAINT/PIGMENT/COATING RESIDUES

Generator Info (as of Apr 2025)

Generator Company Name:	City of Ottawa Facility Operations Service
Generator Site Address:	4101 Innovation Drive
City:	Ottawa
Province State:	Ontario
Country:	Canada
Postal Code:	K2K 0J3
Waste Class:	252 L, 145 L

Waste Class Decoded:

252 - WASTE OILS & LUBRICANTS; 145 - PAINT/PIGMENT/COATING RESIDUES

Waste Characteristic Decoded:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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L - Liquid Industrial Waste; L - Liquid Industrial Waste

2020 Generator Info

Gen No:	ON5969641	Choice of Contact:	CO_OFFICIAL
ID:	23645	Phone No Official:	6135802400 Ext.30316
Contaminated Fac:	N	Phone No Admin:	613-229-7954 Ext.
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	913910	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	City Of Ottawa		
Gen Div:	RCFS/FOS		
Gen Op Name:	City Of Ottawa		
Gen Op Div:	RCFS/FOS		
Site Adrs1:	4101 Innovation Drive		
Site Bldg:	Richcraft Recreation Complx		
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Kanata		
Province Out:			
Site Postal Code:	K2K0J3		
Site Country:	Canada		
Co Official:	Scott D Watson		
Co Admin:	Brian D Boyd		

2021 Generator Info

Gen No:	ON5969641	Choice of Contact:	CO_OFFICIAL
ID:	23997	Phone No Official:	6135802400 Ext.30316
Contaminated Fac:	N	Phone No Admin:	613-229-7954 Ext.
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	913910	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	City Of Ottawa		
Gen Div:	RCFS/FOS		
Gen Op Name:	City Of Ottawa		
Gen Op Div:	RCFS/FOS		
Site Adrs1:	4101 Innovation Drive		
Site Bldg:	Richcraft Recreation Complx		
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Kanata		
Province Out:			
Site Postal Code:	K2K0J3		
Site Country:	Canada		
Co Official:	Scott D Watson		
Co Admin:	Brian D Boyd		

10	1 of 1	NNW/109.0	88.1 / -1.81	119 Hines Road Kanata ON	EHS
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Order No:	20140908006	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Custom Report	Client Prov/State:	ON
Report Date:	12-SEP-14	Search Radius (km):	0
Date Received:	08-SEP-14	X:	-75.928064
Previous Site Name:		Y:	45.344716

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Lot/Building Size:
Additional Info Ordered:

11	1 of 1	NNW/113.2	88.1 / -1.81	4000 Innovation Dr Ottawa ON K2K3K1	EHS
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Order No:	20131201001	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Custom Report	Client Prov/State:	ON
Report Date:	10-DEC-13	Search Radius (km):	0
Date Received:	01-DEC-13	X:	-75.928145
Previous Site Name:		Y:	45.344717
Lot/Building Size:			
Additional Info Ordered:			

12	1 of 1	ENE/118.7	83.8 / -6.05	GAN SYSTEMS 1145 INNOVATION DRIVE OTTAWA ON K2K 3G8	GEN
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Generator Info

Generator No:	ON5466624	Choice of Contact:	
Approval Years:	As of Nov 2021	Contaminated Fac:	
Status:	Registered	MHSW Facility:	
PO Box No:		SIC Code:	
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

Waste Class:	212 I
Waste Class Name:	Aliphatic solvents and residues

2017 Generator Info

Gen No:	ON5466624	Choice of Contact:	CO_OFFICIAL
ID:	21606	Phone No Official:	613-627-2012 Ext.138
Contaminated Fac:	N	Phone No Admin:	613-226-9125 Ext.
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	335990	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	GAN SYSTEMS		
Gen Div:			
Gen Op Name:	GAN SYSTEMS		
Gen Op Div:			
Site Adrs1:	1145 INNOVATION DRIVE		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	OTTAWA		
Province Out:			
Site Postal Code:	K2K 3G8		
Site Country:	Canada		
Co Official:	Cameron McKnight- MacNeil		
Co Admin:	James Rourke		

<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>
<u>2018 Generator Info</u>					
Gen No:	ON5466624			Choice of Contact:	CO_ADMIN
ID:	21778			Phone No Official:	613-627-2012 Ext.138
Contaminated Fac:	N			Phone No Admin:	613-226-9125 Ext.
MHSW Facility:	N			County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	335990			County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:	GAN SYSTEMS				
Gen Div:					
Gen Op Name:	GAN SYSTEMS				
Gen Op Div:					
Site Adrs1:	1145 INNOVATION DRIVE				
Site Bldg:					
Site Pobox:					
Province In:	ONTARIO				
Site Adrs2:					
Site City:	OTTAWA				
Province Out:					
Site Postal Code:	K2K 3G8				
Site Country:	Canada				
Co Official:	Cameron McKnight- MacNeil				
Co Admin:	James Rourke				
<u>2019 Generator Info</u>					
Gen No:	ON5466624			Choice of Contact:	CO_ADMIN
ID:	21836			Phone No Official:	613-627-2012 Ext.138
Contaminated Fac:	N			Phone No Admin:	613-226-9125 Ext.
MHSW Facility:	N			County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	335990			County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:	GAN SYSTEMS				
Gen Div:					
Gen Op Name:	GAN SYSTEMS				
Gen Op Div:					
Site Adrs1:	1145 INNOVATION DRIVE				
Site Bldg:					
Site Pobox:					
Province In:	ONTARIO				
Site Adrs2:					
Site City:	OTTAWA				
Province Out:					
Site Postal Code:	K2K 3G8				
Site Country:	Canada				
Co Official:	Cameron McKnight- MacNeil				
Co Admin:	James Rourke				
<u>2020 Generator Info</u>					
Gen No:	ON5466624			Choice of Contact:	CO_ADMIN
ID:	21568			Phone No Official:	613-627-2012 Ext.138
Contaminated Fac:	N			Phone No Admin:	613-226-9125 Ext.
MHSW Facility:	N			County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	335990			County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:	GAN SYSTEMS				
Gen Div:					
Gen Op Name:	GAN SYSTEMS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Gen Op Div:					
Site Adrs1:		1145 INNOVATION DRIVE			
Site Bldg:					
Site Pobox:					
Province In:		ONTARIO			
Site Adrs2:					
Site City:		OTTAWA			
Province Out:					
Site Postal Code:		K2K 3G8			
Site Country:					
Co Official:		Cameron McKnight- MacNeil			
Co Admin:		James Rourke			

2021 Generator Info

Gen No:	ON5466624	Choice of Contact:	CO_ADMIN
ID:	21787	Phone No Official:	613-627-2012 Ext.138
Contaminated Fac:	N	Phone No Admin:	6136861996 Ext.
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	335990	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	GAN SYSTEMS		
Gen Div:			
Gen Op Name:	GAN SYSTEMS		
Gen Op Div:			
Site Adrs1:	1145 INNOVATION DRIVE		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	OTTAWA		
Province Out:			
Site Postal Code:	K2K 3G8		
Site Country:	Canada		
Co Official:	Cameron McKnight- MacNeil		
Co Admin:	Susan Cavanagh		

[13](#) 1 of 1 **ENE/124.6** **83.9 / -6.00** **1125 Innovation Dr
Kanata ON K2K 3G6** **EHS**

Order No:	21070700496	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Custom Report	Client Prov/State:	ON
Report Date:	12-JUL-21	Search Radius (km):	.25
Date Received:	07-JUL-21	X:	-75.92328459
Previous Site Name:		Y:	45.34308362
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

[14](#) 1 of 8 **ENE/129.6** **83.7 / -6.17** **1145 Innovation Drive
Ottawa ON** **EHS**

Order No:	20110125030	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Site Report	Client Prov/State:	DC
Report Date:	1/26/2011	Search Radius (km):	0.25
Date Received:	1/25/2011 4:06:27 PM	X:	-75.923488
Previous Site Name:		Y:	45.343515
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	2 of 8	ENE/129.6	83.7 / -6.17	SKYWAVE MOBILE COMMUNICATIONS 1145 INNOVATION DRIVE SUITE 288 KANATA ON K2K 3G8	GEN

Generator Info

Generator No:	ON5792229	Choice of Contact:	
Approval Years:	2010	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	517910
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Other Telecommunications		

Waste Detail(s)

Waste Class:	146
Waste Class Name:	OTHER SPECIFIED INORGANICS

14	3 of 8	ENE/129.6	83.7 / -6.17	SKYWAVE MOBILE COMMUNICATIONS 1145 INNOVATION DRIVE SUITE 288 KANATA ON K2K 3G8	GEN
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Generator Info

Generator No:	ON5792229	Choice of Contact:	
Approval Years:	2011	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	517910
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Other Telecommunications		

Waste Detail(s)

Waste Class:	146
Waste Class Name:	OTHER SPECIFIED INORGANICS

14	4 of 8	ENE/129.6	83.7 / -6.17	GAN SYSTEMS 1145 INNOVATION DRIVE OTTAWA ON K2K 3G8	GEN
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Generator Info

Generator No:	ON5466624	Choice of Contact:	CO_OFFICIAL
Approval Years:	2016	Contaminated Fac:	No
Status:		MHSW Facility:	No
PO Box No:		SIC Code:	335990
Country:	Canada		
Co Admin:	James Rourke		
Phone No Admin:	613-226-9125 Ext.		
SIC Description:	ALL OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Waste Detail(s)</u>					
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			

14	5 of 8	ENE/129.6	83.7 / -6.17	GAN SYSTEMS 1145 INNOVATION DRIVE OTTAWA ON K2K 3G8	GEN
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Generator Info

Generator No:	ON5466624	Choice of Contact:	CO_OFFICIAL
Approval Years:	2015	Contaminated Fac:	No
Status:		MHSW Facility:	No
PO Box No:		SIC Code:	335990
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:	ALL OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING		

Waste Detail(s)

Waste Class:	212
Waste Class Name:	ALIPHATIC SOLVENTS

14	6 of 8	ENE/129.6	83.7 / -6.17	GAN SYSTEMS 1145 INNOVATION DRIVE OTTAWA ON K2K 3G8	GEN
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Generator Info

Generator No:	ON5466624	Choice of Contact:	
Approval Years:	As of Dec 2018	Contaminated Fac:	
Status:	Registered	MHSW Facility:	
PO Box No:		SIC Code:	
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

Waste Class:	212 I
Waste Class Name:	Aliphatic solvents and residues

14	7 of 8	ENE/129.6	83.7 / -6.17	GAN SYSTEMS 1145 INNOVATION DRIVE OTTAWA ON K2K 3G8	GEN
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Generator Info

Generator No:	ON5466624	Choice of Contact:	
Approval Years:	As of Jul 2020	Contaminated Fac:	
Status:	Registered	MHSW Facility:	
PO Box No:		SIC Code:	
Country:	Canada		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Co Admin: Phone No Admin: SIC Description:					
Waste Detail(s)					
Waste Class:		212 I			
Waste Class Name:		Aliphatic solvents and residues			
14	8 of 8	ENE/129.6	83.7 / -6.17	SkyWave Mobile Communications 1145 Innovation Dr Suite 288 Kanata ON K2K 3G8	SCT
Established:		01-AUG-97			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing			
SIC/NAICS Code:		334220			
Description:		Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing			
SIC/NAICS Code:		334220			
15	1 of 16	NE/138.1	85.9 / -3.97	GE Canada Real Estate Equity Company 1000 Innovation Dr Ottawa ON	CA
Certificate #:		3393-7N3SYQ			
Application Year:		2009			
Issue Date:		1/9/2009			
Approval Type:		Air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
15	2 of 16	NE/138.1	85.9 / -3.97	GE Canada Real Estate Equity Company 1000 Innovation Drive Ottawa K2K 3E7 CITY OF OTTAWA ON	EBR
EBR Registry No:		010-4989		Decision Posted:	
Ministry Ref No:		7356-7JTKTN		Exception Posted:	
Notice Type:		Instrument Decision		Section:	
Notice Stage:				Act 1:	
Notice Date:		January 19, 2009		Act 2:	
Proposal Date:		October 22, 2008		Site Location Map:	
Year:		2008			
Instrument Type:		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
Off Instrument Name:					
Posted By:					
Company Name:		GE Canada Real Estate Equity Company			
Site Address:					
Location Other:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Proponent Name: Proponent Address: 222 Queen Street , Suite 300, Ottawa Ontario, Canada K1P 5V9 Comment Period: URL: Summary:					
Site Location Details: 1000 Innovation Drive Ottawa K2K 3E7 CITY OF OTTAWA					
15	3 of 16	NE/138.1	85.9 / -3.97	Innovation Blvd. I, LLC 1000 Innovation Dr Ottawa ON 19801	ECA
Approval No: 1068-A9UNQH Approval Date: 2016-08-21 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Mississippi Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Innovation Blvd. I, LLC Address: 1000 Innovation Dr Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1592-A59QZK-14.pdf PDF Site Location:					
15	4 of 16	NE/138.1	85.9 / -3.97	GE Canada Real Estate Equity Company 1000 Innovation Dr Ottawa ON K1P 5V9	ECA
Approval No: 3393-7N3SYQ Approval Date: 2009-01-09 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Mississippi Valley Approval Type: ECA-AIR Project Type: AIR Business Name: GE Canada Real Estate Equity Company Address: 1000 Innovation Dr Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7356-7JTKTN-14.pdf PDF Site Location:					
15	5 of 16	NE/138.1	85.9 / -3.97	1000 Innovation Drive Ottawa ON	EHS
Order No: 20040506006 Status: C Report Type: Complete Report Report Date: 5/10/04 Date Received: 5/6/04 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.92365 Y: 45.343907					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	6 of 16	NE/138.1	85.9 / -3.97	1000 Innovation Drive Kanata (Ottawa) ON K2K 3E7	EHS
Order No:	20051121023			Nearest Intersection:	March Road and Solandt Road
Status:	C			Municipality:	Ottawa-Carleton
Report Type:	Complete Report			Client Prov/State:	ON
Report Date:	11/30/2005			Search Radius (km):	0.25
Date Received:	11/21/2005			X:	-75.924803
Previous Site Name:				Y:	45.343036
Lot/Building Size:	14.2 acres				
Additional Info Ordered:	City Directory				
15	7 of 16	NE/138.1	85.9 / -3.97	1000 Innovation Drive Ottawa ON	EHS
Order No:	20080905014			Nearest Intersection:	Hines Road
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	9/15/2008			Search Radius (km):	0.25
Date Received:	9/5/2008			X:	-75.92447
Previous Site Name:				Y:	45.343309
Lot/Building Size:	8.8 acres				
Additional Info Ordered:	City Directory				
15	8 of 16	NE/138.1	85.9 / -3.97	1000 Innovation Drive Ottawa ON	EHS
Order No:	20110125031			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Site Report			Client Prov/State:	DC
Report Date:	1/26/2011			Search Radius (km):	0.25
Date Received:	1/25/2011 4:07:29 PM			X:	-75.924079
Previous Site Name:				Y:	45.34367
Lot/Building Size:					
Additional Info Ordered:					
15	9 of 16	NE/138.1	85.9 / -3.97	1000 Innovation Dr Ottawa ON K2K3E7	EHS
Order No:	20161101036			Nearest Intersection:	
Status:	C			Municipality:	City of Ottawa
Report Type:	Standard Select Report			Client Prov/State:	QC
Report Date:	07-NOV-16			Search Radius (km):	.25
Date Received:	01-NOV-16			X:	-75.924817
Previous Site Name:				Y:	45.344594
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
15	10 of 16	NE/138.1	85.9 / -3.97	1000 Innovation Drive Kanata ON K2K 3E7	EHS
Order No:	22011700061			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	QC
Report Date:	24-JAN-22			Search Radius (km):	.25
Date Received:	17-JAN-22			X:	-75.9245213
Previous Site Name:				Y:	45.344066
Lot/Building Size:					
Additional Info Ordered:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	11 of 16	NE/138.1	85.9 / -3.97	Entrust 1000 Innovation Drive Ottawa ON K2K 3E7	GEN

Generator Info

Generator No:	ON4613717	Choice of Contact:	
Approval Years:	04	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	541510
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Computer Systems Design and Related Services		

15	12 of 16	NE/138.1	85.9 / -3.97	COMINAR REAL ESTATE INVESTMENT TRUST 1000 Innovation Dr Ottawa ON K2K 3E7	GEN
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Generator Info

Generator No:	ON5667479	Choice of Contact:	
Approval Years:	As of Dec 2017	Contaminated Fac:	
Status:	Registered	MHSW Facility:	
PO Box No:		SIC Code:	
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

Waste Class:	212 L
Waste Class Name:	Aliphatic solvents and residues

2017 Generator Info

Gen No:	ON5667479	Choice of Contact:	CO_OFFICIAL
ID:	22401	Phone No Official:	613-294-4862 Ext.
Contaminated Fac:	N	Phone No Admin:	
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	531310	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	COMINAR REAL ESTATE INVESTMENT TRUST		
Gen Div:			
Gen Op Name:	COMINAR REAL ESTATE INVESTMENT TRUST		
Gen Op Div:			
Site Adrs1:	1000 Innovation Dr		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Ottawa		
Province Out:			
Site Postal Code:	K2K 3E7		
Site Country:	Canada		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Co Official:		Marc Farley			
Co Admin:					
<u>2017 Generator Manifest</u>					
ID:	47199			Sum Received Qty:	515.0
Generator No:	ON5667479			Waste Class Name:	ALIPHATIC SOLVENTS
Receiver Type:	035			Count Manifests:	2
Waste Char:	L			District:	402
Waste Code:	212				

15	13 of 16	NE/138.1	85.9 / -3.97	Juniper Networks Canada Inc 1000 Innovation Drive Kanata ON K2K 3E7	GEN
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Generator Info

Generator No:	ON7551418	Choice of Contact:
Approval Years:	As of Dec 2018	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 331 I
Waste Class Name: Waste compressed gases including cylinders

Waste Detail(s)

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

Waste Detail(s)

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

15	14 of 16	NE/138.1	85.9 / -3.97	Juniper Networks Canada Inc 1000 Innovation Drive Kanata ON K2K 3E7	GEN
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Generator Info</u>					
Generator No:	ON7551418			Choice of Contact:	
Approval Years:	As of Jul 2020			Contaminated Fac:	
Status:	Registered			MHSW Facility:	
PO Box No:				SIC Code:	
Country:	Canada				
Co Admin:					
Phone No Admin:					
SIC Description:					
<u>Waste Detail(s)</u>					
Waste Class:	331 I				
Waste Class Name:	Waste compressed gases including cylinders				
<u>Waste Detail(s)</u>					
Waste Class:	148 C				
Waste Class Name:	Misc. wastes and inorganic chemicals				
<u>Waste Detail(s)</u>					
Waste Class:	263 I				
Waste Class Name:	Misc. waste organic chemicals				
<u>Waste Detail(s)</u>					
Waste Class:	145 H				
Waste Class Name:	Wastes from the use of pigments, coatings and paints				
<u>Waste Detail(s)</u>					
Waste Class:	148 I				
Waste Class Name:	Misc. wastes and inorganic chemicals				

<u>15</u>	15 of 16	NE/138.1	85.9 / -3.97	Juniper Networks Canada Inc 1000 Innovation Drive Kanata ON K2K 3E7	GEN
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Generator Info

Generator No:	ON7551418	Choice of Contact:
Approval Years:	As of Jan 2021	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

Waste Class:	331 I
Waste Class Name:	Waste compressed gases including cylinders

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

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

2018 Generator Info

Gen No:	ON7551418	Choice of Contact:	CO_ADMIN
ID:	30087	Phone No Official:	4089361964 Ext.
Contaminated Fac:	N	Phone No Admin:	2086839000 Ext.
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	541519	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	Juniper Networks Canada Inc		
Gen Div:			
Gen Op Name:	Juniper Networks Canada Inc		
Gen Op Div:			
Site Adrs1:	1000 Innovation Drive		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Kanata		
Province Out:			
Site Postal Code:	K2K 3E7		
Site Country:	Canada		
Co Official:	David Asplund		
Co Admin:	Douglas Douglas Murdock		

2018 Generator Manifest

ID:	56496	Sum Received Qty:	10.0
Generator No:	ON7551418	Waste Class Name:	INORGANIC LABORATORY CHEMICALS
Receiver Type:	040	Count Manifests:	1
Waste Char:	C	District:	805
Waste Code:	148		

2018 Generator Manifest

ID:	56498	Sum Received Qty:	6.0
Generator No:	ON7551418	Waste Class Name:	WASTE COMPRESSED GASES
Receiver Type:	040	Count Manifests:	1
Waste Char:	I	District:	805
Waste Code:	331		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>2018 Generator Manifest</u>					
ID:	56497			Sum Received Qty:	40.0
Generator No:	ON7551418			Waste Class Name:	ORGANIC LABORATORY CHEMICALS
Receiver Type:	040			Count Manifests:	1
Waste Char:	I			District:	805
Waste Code:	263				
<u>2019 Generator Info</u>					
Gen No:	ON7551418			Choice of Contact:	CO_ADMIN
ID:	30422			Phone No Official:	4089361964 Ext.
Contaminated Fac:	N			Phone No Admin:	2086839000 Ext.
MHSW Facility:	N			County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	541519			County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:		Juniper Networks Canada Inc			
Gen Div:					
Gen Op Name:		Juniper Networks Canada Inc			
Gen Op Div:					
Site Adrs1:		1000 Innovation Drive			
Site Bldg:					
Site Pobox:					
Province In:		ONTARIO			
Site Adrs2:					
Site City:		Kanata			
Province Out:					
Site Postal Code:		K2K 3E7			
Site Country:		Canada			
Co Official:		David Asplund			
Co Admin:		Douglas Douglas Murdock			
<u>2020 Generator Info</u>					
Gen No:	ON7551418			Choice of Contact:	CO_ADMIN
ID:	30113			Phone No Official:	4089361964 Ext.
Contaminated Fac:	N			Phone No Admin:	2086839000 Ext.
MHSW Facility:	N			County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	541519			County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:		Juniper Networks Canada Inc			
Gen Div:					
Gen Op Name:		Juniper Networks Canada Inc			
Gen Op Div:					
Site Adrs1:		1000 Innovation Drive			
Site Bldg:					
Site Pobox:					
Province In:		ONTARIO			
Site Adrs2:					
Site City:		Kanata			
Province Out:					
Site Postal Code:		K2K 3E7			
Site Country:		Canada			
Co Official:		David Asplund			
Co Admin:		Douglas Douglas Murdock			
15	16 of 16	NE/138.1	85.9 / -3.97	Plasco Energy Group Inc. 1000 Innovation Dr Suite 400 Kanata ON K2K 3E7	SCT
Established:		01-NOV-86			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Plant Size (ft²):
Employment:

--Details--

Description: Waste Treatment and Disposal
SIC/NAICS Code: 562210

16	1 of 6	E/153.5	84.9 / -5.00	MOSAID TECHNOLOGIES INC. 11 HINES ROAD KANATA CITY ON K2K 2X1	CA
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Certificate #: 8-4102-99-
Application Year: 99
Issue Date: 10/19/1999
Approval Type: Industrial air
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: REFLOW OVEN, BOARD BATH, SOLDER STATION
Contaminants:
Emission Control:

16	2 of 6	E/153.5	84.9 / -5.00	Mosaïd Technologies Inc. 11 Hines Road, Plan 4M-417, Block 2 Kanata ON	EBR
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EBR Registry No: IA9E1046
Ministry Ref No: 8410299
Notice Type: Instrument Decision
Notice Stage:
Notice Date: August 23, 2001
Proposal Date: September 10, 1999
Year: 1999
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: Mosaid Technologies Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 11 Hines Road, Kanata Ontario, K2K 2X1
Comment Period:
URL:
Summary:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

11 Hines Road, Plan 4M-417, Block 2 Kanata

16	3 of 6	E/153.5	84.9 / -5.00	MOSAID TECHNOLOGIES INCORPORATED 11 HINES ROAD KANATA ON K2K 2M5	GEN
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Generator Info

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: ON2104401 Approval Years: 97,98,99,00,01,02,03,04,05,06 Status: PO Box No: Country: Co Admin: Phone No Admin: SIC Description: ELECT. COMP. & PERI.					
Choice of Contact: Contaminated Fac: MHSW Facility: SIC Code: 3361					
<u>Waste Detail(s)</u>					
Waste Class: 212 Waste Class Name: ALIPHATIC SOLVENTS					
<u>Waste Detail(s)</u>					
Waste Class: 264 Waste Class Name: PHOTOPROCESSING WASTES					

<u>16</u>	4 of 6	E/153.5	84.9 / -5.00	Ranovus 11 Hines Road Ottawa ON	GEN
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Generator Info (as of Dec 2024)

Generator No: ON001069908
Generator Company Name: Ranovus
Street: 11 Hines Road
City: Ottawa
Province State: Ontario
Country: Canada
Postal Code: K2K 2X1
Waste Class: 312 P,212 I,212 I,331 I,232 L

Waste Class Decoded:

312 - PATHOLOGICAL WASTES; 212 - ALIPHATIC SOLVENTS; 212 - ALIPHATIC SOLVENTS; 331 - WASTE COMPRESSED GASES; 232 - POLYMERIC RESINS

Generator Info (as of Apr 2025)

Generator Company Name: Ranovus
Generator Site Address: 11 Hines Road
City: Ottawa
Province State: Ontario
Country: Canada
Postal Code: K2K 2X1
Waste Class: 312 P, 212 I, 331 I, 232 L

Waste Class Decoded:

312 - PATHOLOGICAL WASTES; 212 - ALIPHATIC SOLVENTS; 331 - WASTE COMPRESSED GASES; 232 - POLYMERIC RESINS

Waste Characteristic Decoded:

P - Pathological; I - Ignitable; I - Ignitable; L - Liquid Industrial Waste

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	5 of 6	E/153.5	84.9 / -5.00	MOSAID Technologies Inc. 11 Hines Rd Suite 203 Ottawa ON K2K 2X1	SCT
Established:		01-DEC-75			
Plant Size (ft²):		15500			
Employment:					
--Details--					
Description:		Other Legal Services			
SIC/NAICS Code:		541190			
16	6 of 6	E/153.5	84.9 / -5.00	TenXc Wireless Inc. 11 Hines Rd Suite 200 Kanata ON K2K 2X1	SCT
Established:		01-AUG-02			
Plant Size (ft²):		2000			
Employment:					
--Details--					
Description:		Engineering Services			
SIC/NAICS Code:		541330			
Description:		Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing			
SIC/NAICS Code:		334220			
17	1 of 1	ENE/163.9	83.9 / -6.00	1125 Innovation Drive Ottawa ON	EHS
Order No:		20160112072		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		19-JAN-16		Search Radius (km): .25	
Date Received:		12-JAN-16		X: -75.923022	
Previous Site Name:				Y: 45.343442	
Lot/Building Size:					
Additional Info Ordered:		Aerial Photos			
18	1 of 3	ENE/166.6	83.9 / -6.00	Skyworks Solutions 1135 Innovation Drive Ottawa ON K2K 3G7	GEN
Generator Info					
Generator No:		ON5772044		Choice of Contact:	
Approval Years:		As of Jul 2020		Contaminated Fac:	
Status:		Registered		MHSW Facility:	
PO Box No:				SIC Code:	
Country:		Canada			
Co Admin:					
Phone No Admin:					
SIC Description:					
Waste Detail(s)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		267 L			
Waste Class Name:		Organic acids			
<u>Waste Detail(s)</u>					
Waste Class:		232 B			
Waste Class Name:		Polymeric resins			
<u>Waste Detail(s)</u>					
Waste Class:		212 I			
Waste Class Name:		Aliphatic solvents and residues			
<u>Waste Detail(s)</u>					
Waste Class:		270 B			
Waste Class Name:		Other specified organic sludges, slurries or solids			
18	2 of 3	ENE/166.6	83.9 / -6.00	Skyworks Solutions 1135 Innovation Drive Ottawa ON K2K 3G7	GEN
<u>Generator Info</u>					
Generator No:		ON5772044		Choice of Contact:	
Approval Years:		As of Nov 2021		Contaminated Fac:	
Status:		Registered		MHSW Facility:	
PO Box No:				SIC Code:	
Country:		Canada			
Co Admin:					
Phone No Admin:					
SIC Description:					
<u>Waste Detail(s)</u>					
Waste Class:		232 B			
Waste Class Name:		Polymeric resins			
<u>Waste Detail(s)</u>					
Waste Class:		212 I			
Waste Class Name:		Aliphatic solvents and residues			
<u>Waste Detail(s)</u>					
Waste Class:		270 B			
Waste Class Name:		Other specified organic sludges, slurries or solids			
<u>Waste Detail(s)</u>					
Waste Class:		267 L			
Waste Class Name:		Organic acids			
18	3 of 3	ENE/166.6	83.9 / -6.00	Skyworks Solutions 1135 Innovation Drive	GEN

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

Generator Info

Generator No:	ON5772044	Choice of Contact:
Approval Years:	As of Oct 2022	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

Waste Class: 212 I
Waste Class Name: ALIPHATIC SOLVENTS

Waste Detail(s)

Waste Class: 270 B
Waste Class Name: OTHER SPECIFIED ORGANICS

Waste Detail(s)

Waste Class: 267 L
Waste Class Name: ORGANIC ACIDS

Waste Detail(s)

Waste Class: 232 B
Waste Class Name: POLYMERIC RESINS

Generator Info (as of Dec 2024)

Generator No: ON5772044
Generator Company Name: Skyworks Solutions
Street: 1135 Innovation Drive
City: Ottawa
Province State: Ontario
Country: Canada
Postal Code: K2K3G7
Waste Class: 212 I, 232 B, 270 B, 267 L

Waste Class Decoded:

212 - ALIPHATIC SOLVENTS; 232 - POLYMERIC RESINS; 270 - OTHER SPECIFIED ORGANICS; 267 - ORGANIC ACIDS

Generator Info (as of Dec 2024)

Generator No: ON5772044
Generator Company Name: Skyworks Solutions
Street: 1135 Innovation Drive
City: Ottawa
Province State: Ontario
Country: Canada
Postal Code: K2K3G7

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Waste Class: 212 I,232 B,270 B,267 L,148 C,148 C

Waste Class Decoded:

212 - ALIPHATIC SOLVENTS; 232 - POLYMERIC RESINS; 270 - OTHER SPECIFIED ORGANICS; 267 - ORGANIC ACIDS; 148 - INORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS

Generator Info (as of Apr 2025)

Generator Company Name: Skyworks Solutions
Generator Site Address: 1135 Innovation Drive
City: Ottawa
Province State: Ontario
Country: Canada
Postal Code: K2K3G7
Waste Class: 212 I, 232 B, 270 B, 267 L, 148 C

Waste Class Decoded:

212 - ALIPHATIC SOLVENTS; 232 - POLYMERIC RESINS; 270 - OTHER SPECIFIED ORGANICS; 267 - ORGANIC ACIDS; 148 - INORGANIC LABORATORY CHEMICALS

Waste Characteristic Decoded:

I - Ignitable; B - Hazardous Waste Chemical; B - Hazardous Waste Chemical; L - Liquid Industrial Waste; C - Corrosive

2020 Generator Info

Gen No:	ON5772044	Choice of Contact:	CO_OFFICIAL
ID:	22823	Phone No Official:	613-287-4959 Ext.
Contaminated Fac:	N	Phone No Admin:	
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	417310	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	Skyworks Solutions		
Gen Div:			
Gen Op Name:	Skyworks Solutions		
Gen Op Div:			
Site Adrs1:	1135 Innovation Drive		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Ottawa		
Province Out:			
Site Postal Code:	K2K 3G7		
Site Country:	Canada		
Co Official:	Jean-Rene Cliche		
Co Admin:			

2020 Generator Manifest

ID:	43880	Sum Received Qty:	80.0
Generator No:	ON5772044	Waste Class Name:	ALIPHATIC SOLVENTS
Receiver Type:	040	Count Manifests:	1
Waste Char:	I	District:	805
Waste Code:	212		

2020 Generator Manifest

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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ID: 43881
Generator No: ON5772044
Receiver Type: 040
Waste Char: L
Waste Code: 267

Sum Received Qty: 40.0
Waste Class Name: ORGANIC ACIDS
Count Manifests: 1
District: 805

2021 Generator Info

Gen No: ON5772044
ID: 23133
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 417310
NAICS Code2:
NAICS Code3:
Gen Name: Skyworks Solutions
Gen Div:
Gen Op Name: Skyworks Solutions
Gen Op Div:
Site Adrs1: 1135 Innovation Drive
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Ottawa
Province Out:
Site Postal Code: K2K 3G7
Site Country: Canada
Co Official: Jean-Rene Cliche
Co Admin:

Choice of Contact: CO_OFFICIAL
Phone No Official: 613-287-4959 Ext.
Phone No Admin:
County Ont: OTTAWA CARLTON (RM)
County Out:
District: 402

[19](#) 1 of 1 **ENE/175.0** **84.4 / -5.43** **1125-35-45 Innovation Drive**
Ottawa ON **EHS**

Order No: 20040506007
Status: C
Report Type: Complete Report
Report Date: 5/10/04
Date Received: 5/6/04
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.923285
Y: 45.343769

[20](#) 1 of 1 **NNW/178.7** **89.9 / 0.00** **CIENA CANADA, INC.**
385 TERRY FOX DR
KANATA ON K2K 0L1 **EASR**

Approval No: R-010-5111232610
Status: REGISTERED
Date: 2019-04-23
Record Type: EASR
Link Source: MOFA
Project Type: Air Emissions
Full Address:
Approval Type: EASR-Air Emissions
SWP Area Name: Mississippi Valley
PDF NAICS Code: 334110
PDF URL:
PDF Site Location:

MOE District: Ottawa
Municipality: KANATA
Latitude: 45.34583333
Longitude: -75.92805556
Geometry X:
Geometry Y:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	1 of 1	NNW/185.2	89.9 / 0.00	Ciena Canada, ULC 385 Terry Fox Drive Ottawa ON	GEN

Generator Info

Generator No:	ON8868469	Choice of Contact:
Approval Years:	As of Oct 2022	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 331 I
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

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

Generator Info (as of Dec 2024)

Generator No: ON8868469
Generator Company Name: Ciena Canada, ULC
Street: 385 Terry Fox Drive
City: Ottawa

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Province State: Ontario
Country: Canada
Postal Code: K2K0L1
Waste Class: 148 L,122 C,146 T,263 I,148 C,148 I,331 I

Waste Class Decoded:

148 - INORGANIC LABORATORY CHEMICALS; 122 - ALKALINE WASTES - OTHER METALS; 146 - OTHER SPECIFIED INORGANICS; 263 - ORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 331 - WASTE COMPRESSED GASES

Generator Info (as of Apr 2025)

Generator Company Name: Ciena Canada, ULC
Generator Site Address: 385 Terry Fox Drive
City: Ottawa
Province State: Ontario
Country: Canada
Postal Code: K2K0L1
Waste Class: 148 L, 122 C, 146 T, 263 I, 148 C, 148 I, 331 I

Waste Class Decoded:

148 - INORGANIC LABORATORY CHEMICALS; 122 - ALKALINE WASTES - OTHER METALS; 146 - OTHER SPECIFIED INORGANICS; 263 - ORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 331 - WASTE COMPRESSED GASES

Waste Characteristic Decoded:

L - Liquid Industrial Waste; C - Corrosive; T - Leachate Toxic; I - Ignitable; C - Corrosive; I - Ignitable; I - Ignitable

2018 Generator Info

Gen No:	ON8868469	Choice of Contact:	CO_OFFICIAL
ID:	35328	Phone No Official:	613-617-5251 Ext.
Contaminated Fac:	N	Phone No Admin:	
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	517910	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	Ciena Corporation		
Gen Div:			
Gen Op Name:	Ciena Canada		
Gen Op Div:			
Site Adrs1:	385 Terry Fox Drive		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Ottawa		
Province Out:			
Site Postal Code:	K2K 0L1		
Site Country:	Canada		
Co Official:	Kevin Hickey		
Co Admin:			

2018 Generator Manifest

ID:	63046	Sum Received Qty:	4.0
Generator No:	ON8868469	Waste Class Name:	INORGANIC LABORATORY CHEMICALS

<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>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	148				
<u>2018 Generator Manifest</u>					
<i>ID:</i>	63045			<i>Sum Received Qty:</i>	1.0
<i>Generator No:</i>	ON8868469			<i>Waste Class Name:</i>	INORGANIC LABORATORY CHEMICALS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	C			<i>District:</i>	402
<i>Waste Code:</i>	148				
<u>2018 Generator Manifest</u>					
<i>ID:</i>	63047			<i>Sum Received Qty:</i>	80.0
<i>Generator No:</i>	ON8868469			<i>Waste Class Name:</i>	ORGANIC LABORATORY CHEMICALS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	263				
<u>2018 Generator Manifest</u>					
<i>ID:</i>	63048			<i>Sum Received Qty:</i>	8.0
<i>Generator No:</i>	ON8868469			<i>Waste Class Name:</i>	WASTE COMPRESSED GASES
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	331				
<u>2018 Generator Manifest</u>					
<i>ID:</i>	63043			<i>Sum Received Qty:</i>	100.0
<i>Generator No:</i>	ON8868469			<i>Waste Class Name:</i>	ALKALINE WASTES - OTHER METALS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	C			<i>District:</i>	402
<i>Waste Code:</i>	122				
<u>2018 Generator Manifest</u>					
<i>ID:</i>	63044			<i>Sum Received Qty:</i>	30.0
<i>Generator No:</i>	ON8868469			<i>Waste Class Name:</i>	OTHER SPECIFIED INORGANICS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	T			<i>District:</i>	402
<i>Waste Code:</i>	146				
<u>2019 Generator Info</u>					
<i>Gen No:</i>	ON8868469			<i>Choice of Contact:</i>	CO_OFFICIAL
<i>ID:</i>	35813			<i>Phone No Official:</i>	613-617-5251 Ext.
<i>Contaminated Fac:</i>	N			<i>Phone No Admin:</i>	
<i>MHSW Facility:</i>	N			<i>County Ont:</i>	OTTAWA CARLTON (RM)
<i>NAICS Code1:</i>	517910			<i>County Out:</i>	
<i>NAICS Code2:</i>				<i>District:</i>	402
<i>NAICS Code3:</i>					
<i>Gen Name:</i>		Ciena Corporation			
<i>Gen Div:</i>					
<i>Gen Op Name:</i>		Ciena Canada			
<i>Gen Op Div:</i>					
<i>Site Adrs1:</i>		385 Terry Fox Drive			
<i>Site Bldg:</i>					
<i>Site Pobox:</i>					
<i>Province In:</i>		ONTARIO			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Adrs2:					
Site City:		Ottawa			
Province Out:					
Site Postal Code:		K2K 0L1			
Site Country:					
Co Official:		Kevin Hickey			
Co Admin:					
<u>2019 Generator Manifest</u>					
ID:		62996		Sum Received Qty:	260.0
Generator No:		ON8868469		Waste Class Name:	INORGANIC LABORATORY CHEMICALS
Receiver Type:		035		Count Manifests:	2
Waste Char:		C		District:	402
Waste Code:		148			
<u>2020 Generator Info</u>					
Gen No:		ON8868469		Choice of Contact:	CO_OFFICIAL
ID:		35538		Phone No Official:	613-617-5251 Ext.
Contaminated Fac:		N		Phone No Admin:	
MHSW Facility:		N		County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:		517910		County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:		Ciena Corporation			
Gen Div:					
Gen Op Name:		Ciena Canada			
Gen Op Div:					
Site Adrs1:		385 Terry Fox Drive			
Site Bldg:					
Site Pobox:					
Province In:		ONTARIO			
Site Adrs2:					
Site City:		Ottawa			
Province Out:					
Site Postal Code:		K2K 0L1			
Site Country:		Canada			
Co Official:		Kevin Hickey			
Co Admin:					
<u>2021 Generator Info</u>					
Gen No:		ON8868469		Choice of Contact:	CO_OFFICIAL
ID:		36429		Phone No Official:	613-617-5251 Ext.
Contaminated Fac:		N		Phone No Admin:	
MHSW Facility:		N		County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:		517910		County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:		Ciena Corporation			
Gen Div:					
Gen Op Name:		Ciena Canada			
Gen Op Div:					
Site Adrs1:		385 Terry Fox Drive			
Site Bldg:					
Site Pobox:					
Province In:		ONTARIO			
Site Adrs2:					
Site City:		Ottawa			
Province Out:					
Site Postal Code:		K2K 0L1			
Site Country:		Canada			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Co Official:		Kevin Hickey			
Co Admin:					
<u>2021 Generator Manifest</u>					
ID:	61841			Sum Received Qty:	200.0
Generator No:	ON8868469			Waste Class Name:	INORGANIC LABORATORY CHEMICALS
Receiver Type:	035			Count Manifests:	1
Waste Char:	C			District:	402
Waste Code:	148				

22	1 of 1	W/185.6	93.6 / 3.69	TERRY FOX/ INNOVATION DRIVE #1 lot 9 con 3 KANATA ON	WWIS
Well ID:	7270151			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Abandoned-Other			Date Received:	08/29/2016
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	Yes
Audit No:	Z226781			Contractor:	1558
Tag:				Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	009
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	MARCH TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/727\7270151.pdf				

Additional Detail(s) (Map)

Well Completed Date:	04/26/2016
Year Completed:	2016
Depth (m):	
Latitude:	45.3427737763826
Longitude:	-75.9310997882996
X:	-75.93109962693855
Y:	45.34277376950495
Path:	727\7270151.pdf

Bore Hole Information

Bore Hole ID:	1006227258	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	427054.00
Code OB Desc:		North83:	5021451.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	04/26/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006256745			
Layer:					
Color:					
General Color:					
Material 1:					
Material 1 Desc:					
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006256751			
Layer:		1			
Plug From:		2.9000000953674316			
Plug To:		0.0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1006256750			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006256744			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006256748			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006256749			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer: Slot: Screen Top Depth: Screen End Depth: Screen Material: Screen Depth UOM: m Screen Diameter UOM: cm Screen Diameter:					
<u>Water Details</u>					
Water ID: 1006256747 Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1006256746 Diameter: Depth From: Depth To: Hole Depth UOM: m Hole Diameter UOM: cm					

23	1 of 3	NNW/189.4	89.9 / 0.00	Ciena Corporation 385 Terry Fox Drive Ottawa ON K2K 0L1	GEN
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Generator Info

Generator No:	ON8868469	Choice of Contact:
Approval Years:	As of Dec 2018	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	331 I
Waste Class Name:	Waste compressed gases including cylinders

Waste Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		122 C			
Waste Class Name:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
<u>Waste Detail(s)</u>					
Waste Class:		148 C			
Waste Class Name:		Misc. wastes and inorganic chemicals			
<u>Waste Detail(s)</u>					
Waste Class:		148 L			
Waste Class Name:		Misc. wastes and inorganic chemicals			
<u>Waste Detail(s)</u>					
Waste Class:		263 I			
Waste Class Name:		Misc. waste organic chemicals			

23	2 of 3	NNW/189.4	89.9 / 0.00	Ciena Corporation 385 Terry Fox Drive Ottawa ON K2K 0L1	GEN
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Generator Info

Generator No:	ON8868469	Choice of Contact:
Approval Years:	As of Jul 2020	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	331 I
Waste Class Name:	Waste compressed gases including cylinders

Waste Detail(s)

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

Waste Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		148 C			
Waste Class Name:		Misc. wastes and inorganic chemicals			
<u>Waste Detail(s)</u>					
Waste Class:		148 I			
Waste Class Name:		Misc. wastes and inorganic chemicals			
<u>Waste Detail(s)</u>					
Waste Class:		263 I			
Waste Class Name:		Misc. waste organic chemicals			

23	3 of 3	NNW/189.4	89.9 / 0.00	Ciena Corporation 385 Terry Fox Drive Ottawa ON K2K 0L1	GEN
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Generator Info

Generator No:	ON8868469	Choice of Contact:
Approval Years:	As of Nov 2021	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 331 I
Waste Class Name: Waste compressed gases including cylinders

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 148 C

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		Misc. wastes and inorganic chemicals			
<u>Waste Detail(s)</u>					
Waste Class:		148 L			
Waste Class Name:		Misc. wastes and inorganic chemicals			
24	1 of 1	ENE/206.3	84.9 / -4.95	1145 Innovation Drive Ottawa (Kanata) ON K2K 3G8	EHS
Order No:	20150415063		Nearest Intersection:		
Status:	C		Municipality: Ottawa (Kanata)		
Report Type:	Standard Express Report		Client Prov/State: ON		
Report Date:	15-APR-15		Search Radius (km): .25		
Date Received:	15-APR-15		X: -75.923099		
Previous Site Name:			Y: 45.344024		
Lot/Building Size:					
Additional Info Ordered:	City Directory; Aerial Photos				
25	1 of 24	NNE/207.6	88.3 / -1.55	L-D TOOL & DIE. 93 HINES ROAD KANATA ON K2K 2M5	GEN
<u>Generator Info</u>					
Generator No:	ON2178100		Choice of Contact:		
Approval Years:	96,97,98		Contaminated Fac:		
Status:			MHSW Facility:		
PO Box No:			SIC Code: 3999		
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:	OTHER MANU. PROD.				
<u>Waste Detail(s)</u>					
Waste Class:	252				
Waste Class Name:	WASTE OILS & LUBRICANTS				

25	2 of 24	NNE/207.6	88.3 / -1.55	L-D TOOL & DIE 93 HINES ROAD KANATA ON K2K 2M5	GEN
<u>Generator Info</u>					
Generator No:	ON2178100		Choice of Contact:		
Approval Years:	99,00,01		Contaminated Fac:		
Status:			MHSW Facility:		
PO Box No:			SIC Code: 3999		
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:	OTHER MANU. PROD.				

Waste Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			

25	3 of 24	NNE/207.6	88.3 / -1.55	Madix Engineering Inc 93 HINES ROAD KANATA ON K2K 2M5	GEN
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Generator Info

Generator No:	ON2178100	Choice of Contact:	
Approval Years:	02,03,04	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

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

25	4 of 24	NNE/207.6	88.3 / -1.55	Cimco Refrigeration 93 Hines Road, Unit # 7 Kanata ON K2K 2M5	GEN
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Generator Info

Generator No:	ON6184689	Choice of Contact:	
Approval Years:	05,06,07,08	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	238299
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	All Other Building Equipment Contractors		

Waste Detail(s)

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

25	5 of 24	NNE/207.6	88.3 / -1.55	Cimco Refrigeration 93 Hines Road, Unit # 7 Kanata ON K2K 2M5	GEN
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Generator Info

Generator No:	ON6184689	Choice of Contact:	
Approval Years:	2009	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	238299
Country:			
Co Admin:			
Phone No Admin:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		All Other Building Equipment Contractors			
<u>Waste Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
25	6 of 24	NNE/207.6	88.3 / -1.55	Cimco Refrigeration 93 Hines Road, Unit # 7 Kanata ON K2K 2M5	GEN
<u>Generator Info</u>					
Generator No:	ON6184689			Choice of Contact:	
Approval Years:	2010			Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code:	238299
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:	All Other Building Equipment Contractors				
<u>Waste Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
25	7 of 24	NNE/207.6	88.3 / -1.55	Cimco Refrigeration 93 Hines Road, Unit # 7 Kanata ON K2K 2M5	GEN
<u>Generator Info</u>					
Generator No:	ON6184689			Choice of Contact:	
Approval Years:	2011			Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code:	238299
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:	All Other Building Equipment Contractors				
<u>Waste Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
25	8 of 24	NNE/207.6	88.3 / -1.55	Cimco Refrigeration 93 Hines Road, Unit # 7 Kanata ON K2K 2M5	GEN
<u>Generator Info</u>					
Generator No:	ON6184689			Choice of Contact:	
Approval Years:	2012			Contaminated Fac:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: PO Box No: Country: Co Admin: Phone No Admin: SIC Description:				MHSW Facility: SIC Code: 238299	
		All Other Building Equipment Contractors			
<u>Waste Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
25	9 of 24	NNE/207.6	88.3 / -1.55	Cimco Refrigeration 93 Hines Road, Unit # 7 Kanata ON	GEN
<u>Generator Info</u>					
Generator No:	ON6184689			Choice of Contact:	
Approval Years:	2013			Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code:	238299
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:	ALL OTHER BUILDING EQUIPMENT CONTRACTORS				
<u>Waste Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
25	10 of 24	NNE/207.6	88.3 / -1.55	Cimco Refrigeration 93 Hines Road, Unit # 7 Kanata ON K2K 2M5	GEN
<u>Generator Info</u>					
Generator No:	ON6184689			Choice of Contact:	CO_ADMIN
Approval Years:	2015			Contaminated Fac:	No
Status:				MHSW Facility:	No
PO Box No:				SIC Code:	238299
Country:	Canada				
Co Admin:	Lucy Palmieri				
Phone No Admin:	613-271-4444 Ext.				
SIC Description:	ALL OTHER BUILDING EQUIPMENT CONTRACTORS				
<u>Waste Detail(s)</u>					
Waste Class:		133			
Waste Class Name:		BRINES, CHLOR-ALKALI WASTES			
<u>Waste Detail(s)</u>					
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			

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

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

25	11 of 24	NNE/207.6	88.3 / -1.55	Cimco Refrigeration 93 Hines Road, Unit # 7 Kanata ON K2K 2M5	GEN
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Generator Info

Generator No:	ON6184689	Choice of Contact:	CO_ADMIN
Approval Years:	2016	Contaminated Fac:	No
Status:		MHSW Facility:	No
PO Box No:		SIC Code:	238299
Country:	Canada		
Co Admin:	Lucy Palmieri		
Phone No Admin:	613-271-4444 Ext.		
SIC Description:	ALL OTHER BUILDING EQUIPMENT CONTRACTORS		

Waste Detail(s)

Waste Class: 133
Waste Class Name: BRINES, CHLOR-ALKALI WASTES

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

25	12 of 24	NNE/207.6	88.3 / -1.55	Cimco Refrigeration 93 Hines Road, Unit # 7 Kanata ON K2K 2M5	GEN
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Generator Info

Generator No:	ON6184689	Choice of Contact:	CO_ADMIN
Approval Years:	2014	Contaminated Fac:	No
Status:		MHSW Facility:	No
PO Box No:		SIC Code:	238299
Country:	Canada		
Co Admin:	Lucy Palmieri		
Phone No Admin:	613-271-4444 Ext.		
SIC Description:	ALL OTHER BUILDING EQUIPMENT CONTRACTORS		

Waste Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Waste Detail(s)</u>					
Waste Class:		133			
Waste Class Name:		BRINES, CHLOR-ALKALI WASTES			

25	13 of 24	NNE/207.6	88.3 / -1.55	Cimco Refrigeration Toromont Industries 93 Hines Road, Unit # 7 Kanata ON K2K 2M5	GEN
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Generator Info

Generator No:	ON6184689	Choice of Contact:
Approval Years:	As of Dec 2018	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

Waste Class:	212 L
Waste Class Name:	Aliphatic solvents and residues

Waste Detail(s)

Waste Class:	133 T
Waste Class Name:	Brine, chlor-alkali sludges

Waste Detail(s)

Waste Class:	252 L
Waste Class Name:	Waste crankcase oils and lubricants

25	14 of 24	NNE/207.6	88.3 / -1.55	Cimco Refrigeration Toromont Industries 93 Hines Road, Unit # 7 Kanata ON K2K 2M5	GEN
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Generator Info

Generator No:	ON6184689	Choice of Contact:
Approval Years:	As of Jul 2020	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

Waste Class:	133 T
Waste Class Name:	Brine, chlor-alkali sludges

Waste Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		212 L			
Waste Class Name:		Aliphatic solvents and residues			
<u>Waste Detail(s)</u>					
Waste Class:		252 L			
Waste Class Name:		Waste crankcase oils and lubricants			
25	15 of 24	NNE/207.6	88.3 / -1.55	Cimco Refrigeration Toromont Industries 93 Hines Road, Unit # 7 Kanata ON K2K 2M5	GEN
<u>Generator Info</u>					
Generator No:	ON6184689			Choice of Contact:	
Approval Years:	As of Nov 2021			Contaminated Fac:	
Status:	Registered			MHSW Facility:	
PO Box No:				SIC Code:	
Country:	Canada				
Co Admin:					
Phone No Admin:					
SIC Description:					
<u>Waste Detail(s)</u>					
Waste Class:		133 T			
Waste Class Name:		Brine, chlor-alkali sludges			
<u>Waste Detail(s)</u>					
Waste Class:		252 L			
Waste Class Name:		Waste crankcase oils and lubricants			
<u>Waste Detail(s)</u>					
Waste Class:		212 L			
Waste Class Name:		Aliphatic solvents and residues			

25	16 of 24	NNE/207.6	88.3 / -1.55	Cimco Refrigeration 93 Hines Road, Unit # 7 Kanata ON K2K 2M5	GEN
<u>Generator Info</u>					
Generator No:	ON6184689			Choice of Contact:	
Approval Years:	As of Oct 2022			Contaminated Fac:	
Status:	Registered			MHSW Facility:	
PO Box No:				SIC Code:	
Country:	Canada				
Co Admin:					
Phone No Admin:					
SIC Description:					
<u>Waste Detail(s)</u>					

<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>
Waste Class:		212 L			
Waste Class Name:		ALIPHATIC SOLVENTS			
<u>Waste Detail(s)</u>					
Waste Class:		133 T			
Waste Class Name:		BRINES, CHLOR-ALKALI WASTES			
<u>Waste Detail(s)</u>					
Waste Class:		252 L			
Waste Class Name:		WASTE OILS & LUBRICANTS			
<u>2017 Generator Info</u>					
Gen No:	ON6184689			Choice of Contact:	CO_ADMIN
ID:	24374			Phone No Official:	613-271-4444 Ext.
Contaminated Fac:	N			Phone No Admin:	613-271-4444 Ext.
MHSW Facility:	N			County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	238299			County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:		Cimco Refrigeration			
Gen Div:		Toromont Industries			
Gen Op Name:		Cimco Refrigeration			
Gen Op Div:					
Site Adrs1:		93 Hines Road, Unit # 7			
Site Bldg:					
Site Pobox:					
Province In:		ONTARIO			
Site Adrs2:					
Site City:		Kanata			
Province Out:					
Site Postal Code:		K2K 2M5			
Site Country:		Canada			
Co Official:		Rich Welner			
Co Admin:		Lucy Palmieri			
<u>2017 Generator Manifest</u>					
ID:	49742			Sum Received Qty:	820.0
Generator No:	ON6184689			Waste Class Name:	ALIPHATIC SOLVENTS
Receiver Type:	035			Count Manifests:	1
Waste Char:	L			District:	402
Waste Code:	212				
<u>2017 Generator Manifest</u>					
ID:	49743			Sum Received Qty:	4385.0
Generator No:	ON6184689			Waste Class Name:	WASTE OILS & LUBRICANTS
Receiver Type:	035			Count Manifests:	4
Waste Char:	L			District:	402
Waste Code:	252				
<u>2018 Generator Info</u>					
Gen No:	ON6184689			Choice of Contact:	CO_OFFICIAL
ID:	24661			Phone No Official:	6132714444 Ext.
Contaminated Fac:	N			Phone No Admin:	613-271-4444 Ext.
MHSW Facility:	N			County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	238299			County Out:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				District:	402
NAICS Code2:					
NAICS Code3:					
Gen Name:		Cimco Refrigeration			
Gen Div:		Toromont Industries			
Gen Op Name:		Cimco Refrigeration			
Gen Op Div:					
Site Adrs1:		93 Hines Road, Unit # 7			
Site Bldg:					
Site Pobox:					
Province In:		ONTARIO			
Site Adrs2:					
Site City:		Kanata			
Province Out:					
Site Postal Code:		K2K 2M5			
Site Country:		Canada			
Co Official:		Ann boase			
Co Admin:		Rich Welner			

2018 Generator Manifest

ID:	49632	Sum Received Qty:	4015.0
Generator No:	ON6184689	Waste Class Name:	WASTE OILS & LUBRICANTS
Receiver Type:	035	Count Manifests:	4
Waste Char:	L	District:	402
Waste Code:	252		

2019 Generator Info

Gen No:	ON6184689	Choice of Contact:	CO_OFFICIAL
ID:	24826	Phone No Official:	6132714444 Ext.
Contaminated Fac:	N	Phone No Admin:	613-271-4444 Ext.
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	238299	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:		Cimco Refrigeration	
Gen Div:		Toromont Industries	
Gen Op Name:		Cimco Refrigeration	
Gen Op Div:			
Site Adrs1:		93 Hines Road, Unit # 7	
Site Bldg:			
Site Pobox:			
Province In:		ONTARIO	
Site Adrs2:			
Site City:		Kanata	
Province Out:			
Site Postal Code:		K2K 2M5	
Site Country:		Canada	
Co Official:		Ann boase	
Co Admin:		Rich Welner	

2019 Generator Manifest

ID:	49439	Sum Received Qty:	6141.0
Generator No:	ON6184689	Waste Class Name:	WASTE OILS & LUBRICANTS
Receiver Type:	035	Count Manifests:	5
Waste Char:	L	District:	402
Waste Code:	252		

2020 Generator Info

Gen No:	ON6184689	Choice of Contact:	CO_OFFICIAL
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
ID:	24550			Phone No Official:	6132714444 Ext.
Contaminated Fac:	N			Phone No Admin:	613-271-4444 Ext.
MHSW Facility:	N			County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	238299			County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:		Cimco Refrigeration			
Gen Div:		Toromont Industries			
Gen Op Name:		Cimco Refrigeration			
Gen Op Div:					
Site Adrs1:		93 Hines Road, Unit # 7			
Site Bldg:					
Site Pobox:					
Province In:		ONTARIO			
Site Adrs2:					
Site City:		Kanata			
Province Out:					
Site Postal Code:		K2K 2M5			
Site Country:		Canada			
Co Official:		Ann boase			
Co Admin:		Rich Welner			

2020 Generator Manifest

ID:	45941			Sum Received Qty:	4843.0
Generator No:	ON6184689			Waste Class Name:	WASTE OILS & LUBRICANTS
Receiver Type:	035			Count Manifests:	5
Waste Char:	L			District:	402
Waste Code:	252				

2021 Generator Info

Gen No:	ON6184689			Choice of Contact:	CO_OFFICIAL
ID:	24942			Phone No Official:	6132714444 Ext.
Contaminated Fac:	N			Phone No Admin:	613-271-4444 Ext.
MHSW Facility:	N			County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	238299			County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:		Cimco Refrigeration			
Gen Div:		Toromont Industries			
Gen Op Name:		Cimco Refrigeration			
Gen Op Div:					
Site Adrs1:		93 Hines Road, Unit # 7			
Site Bldg:					
Site Pobox:					
Province In:		ONTARIO			
Site Adrs2:					
Site City:		Kanata			
Province Out:					
Site Postal Code:		K2K 2M5			
Site Country:		Canada			
Co Official:		Ann boase			
Co Admin:		Rich Welner			

2021 Generator Manifest

ID:	47818			Sum Received Qty:	3952.0
Generator No:	ON6184689			Waste Class Name:	WASTE OILS & LUBRICANTS
Receiver Type:	035			Count Manifests:	4
Waste Char:	L			District:	402
Waste Code:	252				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
25	17 of 24	NNE/207.6	88.3 / -1.55	Cimco Refrigeration 93 Hines Road Kanata ON	GEN

Generator Info (as of Dec 2024)

Generator No: ON001053601
Generator Company Name: Cimco Refrigeration
Street: 93 Hines Road
City: Kanata
Province State: Ontario
Country: Canada
Postal Code: K2K2M5
Waste Class: 252 L

Waste Class Decoded:

252 - WASTE OILS & LUBRICANTS

Generator Info (as of Apr 2025)

Generator Company Name: Cimco Refrigeration
Generator Site Address: 93 Hines Road
City: Kanata
Province State: Ontario
Country: Canada
Postal Code: K2K2M5
Waste Class: 252 L

Waste Class Decoded:

252 - WASTE OILS & LUBRICANTS

Waste Characteristic Decoded:

L - Liquid Industrial Waste

25	18 of 24	NNE/207.6	88.3 / -1.55	L-D TOOL & DIE 93 HINES RD UNIT 1 KANATA ON K2K 2M5	SCT
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Established: 1990
Plant Size (ft²): 20000
Employment: 35

--Details--

Description: All Other Plastic Product Manufacturing
SIC/NAICS Code: 326198

Description: Industrial Mould Manufacturing
SIC/NAICS Code: 333511

25	19 of 24	NNE/207.6	88.3 / -1.55	L-D TOOL & DIE 93 HINES RD KANATA ON K2K 2M5	SCT
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Established: 1990 Plant Size (ft²): 9000 Employment: 45					
--Details--					
Description:		PLASTICS PRODUCTS, NOT ELSEWHERE CLASSIFIED			
SIC/NAICS Code:		3089			
Description:		SPECIAL DIES AND TOOLS, DIE SETS, JIGS AND FIXTURES, AND INDUSTRIAL MOLDS			
SIC/NAICS Code:		3544			
25	20 of 24	NNE/207.6	88.3 / -1.55	L-D Tool & Die Inc. 93 Hines Rd Kanata ON K2K 2M5	SCT
Established: 1990 Plant Size (ft²): 33000 Employment: 54					
--Details--					
Description:		All Other Plastic Product Manufacturing			
SIC/NAICS Code:		326198			
Description:		Industrial Mould Manufacturing			
SIC/NAICS Code:		333511			
Description:		Other Metalworking Machinery Manufacturing			
SIC/NAICS Code:		333519			
25	21 of 24	NNE/207.6	88.3 / -1.55	L-D Tool & Die Inc. - Div. of Madix Engineering Inc. 93 Hines Rd Unit 1 Kanata ON K2K 2M5	SCT
Established: 1990 Plant Size (ft²): 20000 Employment: 42					
25	22 of 24	NNE/207.6	88.3 / -1.55	CIMCO Refrigeration 93 Hines Rd Unit 7 Kanata ON K2K 2M5	SCT
Established: 01-NOV-13 Plant Size (ft²): 3000 Employment:					
--Details--					
Description:		Appliance Repair and Maintenance			
SIC/NAICS Code:		811412			
25	23 of 24	NNE/207.6	88.3 / -1.55	Daltco Electric & Supply 93 Hines Rd Kanata ON K2K 2M5	SCT
Established: 01-JAN-79 Plant Size (ft²): 8500					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Employment:					
--Details--					
Description:				Electrical Wiring and Construction Supplies Wholesaler-Distributors	
SIC/NAICS Code:				416110	
Description:				Electrical Wiring and Construction Supplies Wholesaler-Distributors	
SIC/NAICS Code:				416110	
Description:				Industrial Machinery, Equipment and Supplies Wholesaler-Distributors	
SIC/NAICS Code:				417230	

25	24 of 24	NNE/207.6	88.3 / -1.55	Cimco Refrigeration<UNOFFICIAL> 93 Hines Rd Ottawa ON	SPL
Ref No:	8801-9NNHTQ			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	2014/09/04			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	2014/09/05			Impact to Health:	
Dt Document Closed:	2015/01/13			Agency Involved:	
Site No:	NA				
MOE Response:	No Field Response				
Site County/District:					
Site Geo Ref Meth:					
Site District Office:					
Nearest Watercourse:					
Site Name:	Cimco Refrigeration<UNOFFICIAL>				
Site Address:	93 Hines Rd				
Site Region:					
Site Municipality:	Ottawa				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Entity Operating Name:					
Client Name:	Cimco Refrigeration<UNOFFICIAL>				
Client Type:					
Source Type:					
Incident Cause:	Dumping				
Incident Preceding Spill:					
Incident Reason:	Operator/Human Error				
Incident Summary:	Cimco Refrigeration, 760L Calcium Chloride solution, cldnd				
Environment Impact:	Not Anticipated				
Health Env Consequence:					
Nature of Impact:	Other Impact(s)				
Contaminant Qty:	760 L				
Contaminant Qty 1:	760				
Contaminant Unit:	L				
Contaminant Code:	28				
Contaminant Name:	CALCIUM CHLORIDE				
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:					
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:	Tank - Above Ground				
SAC Action Class:	Land Spills				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Call Report Locatn Geodata:					
Time Reported:					
System Facility Address:					
26	1 of 22	NNE/215.0	88.2 / -1.69	Wescar Corp. 93 & 95 Hines Rd Ottawa Ontario K2K 2M5 Ottawa ON	EBR
EBR Registry No:		IA06E1323	Decision Posted:		
Ministry Ref No:		2484-6U7RKW	Exception Posted:		
Notice Type:		Instrument Decision	Section:		
Notice Stage:			Act 1:		
Notice Date:		November 19, 2007	Act 2:		
Proposal Date:		October 23, 2006	Site Location Map:		
Year:		2006			
Instrument Type:		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
Off Instrument Name:					
Posted By:					
Company Name:		Wescar Corp.			
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:		93 & 95 Hines Rd, Ottawa Ontario, K2K 2M5			
Comment Period:					
URL:					
Summary:					
Site Location Details:					
93 & 95 Hines Rd Ottawa Ontario K2K 2M5 Ottawa					
26	2 of 22	NNE/215.0	88.2 / -1.69	Wescar Corp. 93 & 95 Hines Rd Ottawa ON K2K 2M5	ECA
Approval No:		7900-78JSJP	MOE District:		Ottawa
Approval Date:		2007-11-12	City:		
Status:		Approved	Longitude:		-75.91583
Record Type:		ECA	Latitude:		45.341785
Link Source:		IDS	Geometry X:		
SWP Area Name:		Mississippi Valley	Geometry Y:		
Approval Type:		ECA-AIR			
Project Type:		AIR			
Business Name:		Wescar Corp.			
Address:		93 & 95 Hines Rd			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/2484-6U7RKW-14.pdf			
PDF Site Location:					
26	3 of 22	NNE/215.0	88.2 / -1.69	95 Hines Road Ottawa ON	EHS
Order No:		20170309128	Nearest Intersection:		
Status:		C	Municipality:		
Report Type:		Standard Report	Client Prov/State:		ON
Report Date:		13-MAR-17	Search Radius (km):		.25
Date Received:		09-MAR-17	X:		-75.925372
Previous Site Name:			Y:		45.345747

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; Topographic Maps; City Directory			

26	4 of 22	NNE/215.0	88.2 / -1.69	WESCAR CORPORATION 95 HINES ROAD KANATA ON K2K 2M5	GEN
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Generator Info

Generator No:	ON2073600	Choice of Contact:	
Approval Years:	95,96,97,98,99,00,01,02,03,04,05	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	4275
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	PAINT. & DECOR. WORK		

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

26	5 of 22	NNE/215.0	88.2 / -1.69	WESCAR CORP. 95 Hines Road KANATA ON K2K 2M5	GEN
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Generator Info

Generator No:	ON2073600	Choice of Contact:	
Approval Years:	06,07,08	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	332999 332999 332999
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	All Other Miscellaneous Fabricated Metal Product M, All Other Miscellaneous Fabricated Metal Product M, All Other Miscellaneous Fabricated Metal Produ		

Waste Detail(s)

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

Waste Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
			251		
				OIL SKIMMINGS & SLUDGES	
<u>Waste Detail(s)</u>					
			211		
				AROMATIC SOLVENTS	
<u>Waste Detail(s)</u>					
			112		
				ACID WASTE - HEAVY METALS	
<u>Waste Detail(s)</u>					
			213		
				PETROLEUM DISTILLATES	
<u>Waste Detail(s)</u>					
			252		
				WASTE OILS & LUBRICANTS	
<u>Waste Detail(s)</u>					
			113		
				ACID WASTE - OTHER METALS	

[26](#)

6 of 22

NNE/215.0

88.2 / -1.69

WESCAR CORP.
95 Hines Road
KANATA ON K2K 2M5

GEN

Generator Info

Generator No:	ON2073600	Choice of Contact:	
Approval Years:	2009	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	332999, 332999, 332999
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	All Other Miscellaneous Fabricated Metal Product Manufacturing, All Other Miscellaneous Fabricated Metal Product Manufacturing, All Other Miscellaneous		

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
			113		
			ACID WASTE - OTHER METALS		
<u>Waste Detail(s)</u>					
			122		
			ALKALINE WASTES - OTHER METALS		
<u>Waste Detail(s)</u>					
			211		
			AROMATIC SOLVENTS		
<u>Waste Detail(s)</u>					
			213		
			PETROLEUM DISTILLATES		
<u>Waste Detail(s)</u>					
			251		
			OIL SKIMMINGS & SLUDGES		

26	7 of 22	NNE/215.0	88.2 / -1.69	WESCAR CORP. 95 Hines Road KANATA ON K2K 2M5	GEN
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Generator Info

Generator No:	ON2073600	Choice of Contact:	
Approval Years:	2010	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	332999, 332999, 332999
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	All Other Miscellaneous Fabricated Metal Product Manufacturing, All Other Miscellaneous Fabricated Metal Product Manufacturing, All Other Miscellaneous Fabricated Metal Product Manufacturing		

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	113
Waste Class Name:	ACID WASTE - OTHER METALS

Waste Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
			112		
			ACID WASTE - HEAVY METALS		
<u>Waste Detail(s)</u>					
			211		
			AROMATIC SOLVENTS		
<u>Waste Detail(s)</u>					
			213		
			PETROLEUM DISTILLATES		
<u>Waste Detail(s)</u>					
			122		
			ALKALINE WASTES - OTHER METALS		

26	8 of 22	NNE/215.0	88.2 / -1.69	WESCAR CORP. 95 Hines Road KANATA ON K2K 2M5	GEN
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Generator Info

Generator No:	ON2073600	Choice of Contact:	
Approval Years:	2011	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	332999, 332999, 332999
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	All Other Miscellaneous Fabricated Metal Product Manufacturing, All Other Miscellaneous Fabricated Metal Product Manufacturing, All Other Miscellaneous Fabricated Metal Product Manufacturing		

Waste Detail(s)

Waste Class:	112
Waste Class Name:	ACID WASTE - HEAVY METALS

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	211
Waste Class Name:	AROMATIC SOLVENTS

Waste Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Detail(s)

Waste Class: 113
Waste Class Name: ACID WASTE - OTHER METALS

26	9 of 22	NNE/215.0	88.2 / -1.69	954050 ONTARIO INC. 95HINES RD KANATA ON	GEN
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Generator Info

Generator No:	ON5315252	Choice of Contact:	
Approval Years:	2011	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	335990
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	All Other Electrical Equipment and Component Manufacturing		

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Detail(s)

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

Waste Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		232			
Waste Class Name:		POLYMERIC RESINS			
<u>Waste Detail(s)</u>					
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
26	10 of 22	NNE/215.0	88.2 / -1.69	Flexus Electronics 95 Hines rd Kanata ON	GEN
<u>Generator Info</u>					
Generator No:	ON5230528			Choice of Contact:	
Approval Years:	2012			Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code:	335990
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:	All Other Electrical Equipment and Component Manufacturing				
26	11 of 22	NNE/215.0	88.2 / -1.69	954050 ONTARIO INC. 95HINES RD KANATA ON	GEN
<u>Generator Info</u>					
Generator No:	ON5315252			Choice of Contact:	
Approval Years:	2012			Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code:	335990
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:	All Other Electrical Equipment and Component Manufacturing				
<u>Waste Detail(s)</u>					
Waste Class:		112			
Waste Class Name:		ACID WASTE - HEAVY METALS			
<u>Waste Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
<u>Waste Detail(s)</u>					
Waste Class:		232			
Waste Class Name:		POLYMERIC RESINS			
<u>Waste Detail(s)</u>					
Waste Class:		331			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		WASTE COMPRESSED GASES			
<u>Waste Detail(s)</u>					
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
<u>Waste Detail(s)</u>					
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
<u>Waste Detail(s)</u>					
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			

26	12 of 22	NNE/215.0	88.2 / -1.69	Flexus Electronics 95 Hines rd Kanata ON	GEN
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Generator Info

Generator No:	ON5230528	Choice of Contact:	
Approval Years:	2013	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	335990
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	ALL OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING		

Waste Detail(s)

Waste Class:	331
Waste Class Name:	WASTE COMPRESSED GASES

26	13 of 22	NNE/215.0	88.2 / -1.69	Flexus Electronics 95 Hines rd Kanata ON K2K 2M5	GEN
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Generator Info

Generator No:	ON5230528	Choice of Contact:	CO_ADMIN
Approval Years:	2016	Contaminated Fac:	No
Status:		MHSW Facility:	No
PO Box No:		SIC Code:	335990
Country:	Canada		
Co Admin:	Nguyen Tieu		
Phone No Admin:	613-591-0768 Ext.21		
SIC Description:	ALL OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING		

Waste Detail(s)

Waste Class:	331
Waste Class Name:	WASTE COMPRESSED GASES

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

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

26	14 of 22	NNE/215.0	88.2 / -1.69	Flexus Electronics 95 Hines rd Kanata ON K2K 2M5	GEN
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Generator Info

Generator No:	ON5230528	Choice of Contact:	CO_ADMIN
Approval Years:	2015	Contaminated Fac:	No
Status:		MHSW Facility:	No
PO Box No:		SIC Code:	335990
Country:	Canada		
Co Admin:	Nguyen Tieu		
Phone No Admin:	613-591-0768 Ext.21		
SIC Description:	ALL OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING		

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

26	15 of 22	NNE/215.0	88.2 / -1.69	Flexus Electronics 95 Hines rd Kanata ON K2K 2M5	GEN
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Generator Info

Generator No:	ON5230528	Choice of Contact:	CO_ADMIN
Approval Years:	2014	Contaminated Fac:	No
Status:		MHSW Facility:	No
PO Box No:		SIC Code:	335990
Country:	Canada		
Co Admin:	Nguyen Tieu		
Phone No Admin:	613-591-0768 Ext.21		
SIC Description:	ALL OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING		

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	16 of 22	NNE/215.0	88.2 / -1.69	Flexus Electronics 95 Hines rd Kanata ON K2K 2M5	GEN

Generator Info

Generator No:	ON5230528	Choice of Contact:
Approval Years:	As of Dec 2018	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

Waste Class: 212 I
Waste Class Name: Aliphatic solvents and residues

Waste Detail(s)

Waste Class: 232 I
Waste Class Name: Polymeric resins

Waste Detail(s)

Waste Class: 331 I
Waste Class Name: Waste compressed gases including cylinders

26	17 of 22	NNE/215.0	88.2 / -1.69	Flexus Electronics 95 Hines rd Kanata ON K2K 2M5	GEN
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Generator Info

Generator No:	ON5230528	Choice of Contact:
Approval Years:	As of Jul 2020	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

Waste Class: 232 I
Waste Class Name: Polymeric resins

Waste Detail(s)

Waste Class: 331 I
Waste Class Name: Waste compressed gases including cylinders

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Detail(s)					
Waste Class:		212 I			
Waste Class Name:		Aliphatic solvents and residues			

26	18 of 22	NNE/215.0	88.2 / -1.69	RBR Limited 95 Hines Road, Unit 5 Kanata ON K2K 2M5	GEN
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Generator Info

Generator No:	ON7992038	Choice of Contact:	
Approval Years:	As of Jan 2021	Contaminated Fac:	
Status:	Registered	MHSW Facility:	
PO Box No:		SIC Code:	
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

Waste Class:	212 L
Waste Class Name:	Aliphatic solvents and residues

2020 Generator Info

Gen No:	ON7992038	Choice of Contact:	CO_OFFICIAL
ID:	31929	Phone No Official:	613-599-8900 Ext.
Contaminated Fac:	N	Phone No Admin:	
MHSW Facility:	N	County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	541990	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	RBR Limited		
Gen Div:			
Gen Op Name:	RBR Limited		
Gen Op Div:			
Site Adrs1:	95 Hines Road, Unit 5		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Kanata		
Province Out:			
Site Postal Code:	K2K 2M5		
Site Country:	Canada		
Co Official:	Shellie Bannatyne		
Co Admin:			

2020 Generator Manifest

ID:	54995	Sum Received Qty:	615.0
Generator No:	ON7992038	Waste Class Name:	ALIPHATIC SOLVENTS
Receiver Type:	030	Count Manifests:	1
Waste Char:	L	District:	402
Waste Code:	212		

26	19 of 22	NNE/215.0	88.2 / -1.69	Flexus Electronics 95 Hines rd	GEN
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Kanata ON K2K 2M5</i>					
<u>Generator Info</u>					
Generator No:	ON5230528			Choice of Contact:	
Approval Years:	As of Nov 2021			Contaminated Fac:	
Status:	Registered			MHSW Facility:	
PO Box No:				SIC Code:	
Country:	Canada				
Co Admin:					
Phone No Admin:					
SIC Description:					
<u>Waste Detail(s)</u>					
Waste Class:	212 I				
Waste Class Name:	Aliphatic solvents and residues				
<u>Waste Detail(s)</u>					
Waste Class:	232 I				
Waste Class Name:	Polymeric resins				
<u>Waste Detail(s)</u>					
Waste Class:	331 I				
Waste Class Name:	Waste compressed gases including cylinders				
26	20 of 22	<i>NNE/215.0</i>	<i>88.2 / -1.69</i>	<i>WESCAR 95 HINES RD KANATA ON K2K 2M5</i>	<i>SCT</i>
Established:	1993				
Plant Size (ft²):	0				
Employment:	25				
--Details--					
Description:	FABRICATED METAL PRODUCTS, NOT ELSEWHERE CLASSIFIED				
SIC/NAICS Code:	3499				
26	21 of 22	<i>NNE/215.0</i>	<i>88.2 / -1.69</i>	<i>Wescar Corp. 95 Hines Rd Kanata ON K2K 2M5</i>	<i>SCT</i>
Established:	01-AUG-93				
Plant Size (ft²):	20000				
Employment:					
--Details--					
Description:	All Other Miscellaneous Fabricated Metal Product Manufacturing				
SIC/NAICS Code:	332999				
26	22 of 22	<i>NNE/215.0</i>	<i>88.2 / -1.69</i>	<i>95 Hines Rd, Kanata, ON K2K 2M5 OTTAWA ON</i>	<i>SPL</i>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ref No:	1-DRAIV0			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	Nov 22,2024 02:56:52 PM			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	Nov 22,2024 06:20:52 PM			Impact to Health:	
Dt Document Closed:				Agency Involved:	
Site No:					
MOE Response:	Desktop Response				
Site County/District:					
Site Geo Ref Meth:					
Site District Office:	Ottawa District Office				
Nearest Watercourse:					
Site Name:					
Site Address:	95 Hines Rd, Kanata, ON K2K 2M5				
Site Region:					
Site Municipality:	OTTAWA				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Entity Operating Name:					
Client Name:					
Client Type:					
Source Type:	Unknown / N/A				
Incident Cause:					
Incident Preceding Spill:	Unknown / N/A				
Incident Reason:	Unknown				
Incident Summary:	311 Ottawa reporting diesel spill, 20-30L to ground, cntd to be cleaned				
Environment Impact:					
Health Env Consequence:	Low				
Nature of Impact:					
Contaminant Qty:	30 litre (L)				
Contaminant Qty 1:					
Contaminant Unit:					
Contaminant Code:					
Contaminant Name:	DIESEL FUEL				
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:	Land				
Activity Preceding Spill:	Other (specify)				
Property 2nd Watershed:	Lower Ottawa				
Property Tertiary Watershed:	02KE - Lower Madawaska				
Sector Type:					
SAC Action Class:					
Call Report Locatn Geodata:	{ "integration_ids": ["PR00004016418"], "wkts": ["POINT (-75.9255090000 45.3457648000)"], "creation_date": "2024-11-22" }				
Time Reported:					
System Facility Address:					

27	1 of 1	NNE/219.0	88.2 / -1.69	FLEXUS ELECTRONICS INC. 95 Hines Road Ottawa ON	GEN
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Generator Info

Generator No:	ON5230528	Choice of Contact:
Approval Years:	As of Oct 2022	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:

<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>
Country:		Canada			
Co Admin:					
Phone No Admin:					
SIC Description:					
<u>Waste Detail(s)</u>					
Waste Class:		232 I			
Waste Class Name:		POLYMERIC RESINS			
<u>Waste Detail(s)</u>					
Waste Class:		331 I			
Waste Class Name:		WASTE COMPRESSED GASES			
<u>Waste Detail(s)</u>					
Waste Class:		212 I			
Waste Class Name:		ALIPHATIC SOLVENTS			
<u>Generator Info (as of Dec 2024)</u>					
Generator No:		ON5230528			
Generator Company Name:		FLEXUS ELECTRONICS INC.			
Street:		95 Hines Road			
City:		Ottawa			
Province State:		Ontario			
Country:		Canada			
Postal Code:		K2K 2M5			
Waste Class:		145 I,212 I,331 I,232 I			
Waste Class Decoded:					
145 - PAINT/PIGMENT/COATING RESIDUES; 212 - ALIPHATIC SOLVENTS; 331 - WASTE COMPRESSED GASES; 232 - POLYMERIC RESINS					
<u>Generator Info (as of Apr 2025)</u>					
Generator Company Name:		FLEXUS ELECTRONICS INC.			
Generator Site Address:		95 Hines Road			
City:		Ottawa			
Province State:		Ontario			
Country:		Canada			
Postal Code:		K2K 2M5			
Waste Class:		145 I, 212 I, 331 I, 232 I			
Waste Class Decoded:					
145 - PAINT/PIGMENT/COATING RESIDUES; 212 - ALIPHATIC SOLVENTS; 331 - WASTE COMPRESSED GASES; 232 - POLYMERIC RESINS					
Waste Characteristic Decoded:					
I - Ignitable; I - Ignitable; I - Ignitable; I - Ignitable					
<u>2017 Generator Info</u>					
Gen No:	ON5230528	Choice of Contact:	CO_ADMIN		
ID:	20736	Phone No Official:	613-591-0768 Ext.21		
Contaminated Fac:	N	Phone No Admin:	613-591-0768 Ext.21		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility:	N			County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	335990			County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:		Flexus Electronics			
Gen Div:					
Gen Op Name:		Flexus Electronics			
Gen Op Div:					
Site Adrs1:		95 Hines rd			
Site Bldg:					
Site Pobox:					
Province In:		ONTARIO			
Site Adrs2:					
Site City:		Kanata			
Province Out:					
Site Postal Code:		K2K 2M5			
Site Country:		Canada			
Co Official:		Ron Ringuette			
Co Admin:		Nguyen Tieu			

2018 Generator Info

Gen No:	ON5230528			Choice of Contact:	CO_ADMIN
ID:	20868			Phone No Official:	613-591-0768 Ext.21
Contaminated Fac:	N			Phone No Admin:	613-591-0768 Ext.21
MHSW Facility:	N			County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	335990			County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:		Flexus Electronics			
Gen Div:					
Gen Op Name:		Flexus Electronics			
Gen Op Div:					
Site Adrs1:		95 Hines rd			
Site Bldg:					
Site Pobox:					
Province In:		ONTARIO			
Site Adrs2:					
Site City:		Kanata			
Province Out:					
Site Postal Code:		K2K 2M5			
Site Country:		Canada			
Co Official:		Joe Pacilio			
Co Admin:		Nguyen Tieu			

2019 Generator Info

Gen No:	ON5230528			Choice of Contact:	CO_ADMIN
ID:	20903			Phone No Official:	613-591-0768 Ext.21
Contaminated Fac:	N			Phone No Admin:	613-591-0768 Ext.21
MHSW Facility:	N			County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	335990			County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:		Flexus Electronics			
Gen Div:					
Gen Op Name:		Flexus Electronics			
Gen Op Div:					
Site Adrs1:		95 Hines rd			
Site Bldg:					
Site Pobox:					
Province In:		ONTARIO			
Site Adrs2:					
Site City:		Kanata			

<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>
Province Out:					
Site Postal Code:		K2K 2M5			
Site Country:		Canada			
Co Official:		Joe Pacilio			
Co Admin:		Tom Nguyen			
 <u>2019 Generator Manifest</u>					
ID:	44598			Sum Received Qty:	50.0
Generator No:	ON5230528			Waste Class Name:	WASTE COMPRESSED GASES
Receiver Type:	035			Count Manifests:	1
Waste Char:	I			District:	402
Waste Code:	331				
 <u>2019 Generator Manifest</u>					
ID:	44597			Sum Received Qty:	320.0
Generator No:	ON5230528			Waste Class Name:	ALIPHATIC SOLVENTS
Receiver Type:	035			Count Manifests:	1
Waste Char:	I			District:	402
Waste Code:	212				
 <u>2020 Generator Info</u>					
Gen No:	ON5230528			Choice of Contact:	CO_ADMIN
ID:	20659			Phone No Official:	613-591-0768 Ext.21
Contaminated Fac:	N			Phone No Admin:	613-591-0768 Ext.21
MHSW Facility:	N			County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	335990			County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:	Flexus Electronics				
Gen Div:					
Gen Op Name:	Flexus Electronics				
Gen Op Div:					
Site Adrs1:	95 Hines rd				
Site Bldg:					
Site Pobox:					
Province In:	ONTARIO				
Site Adrs2:					
Site City:	Kanata				
Province Out:					
Site Postal Code:	K2K 2M5				
Site Country:	Canada				
Co Official:	Joe Pacilio				
Co Admin:	Tom Nguyen				
 <u>2021 Generator Info</u>					
Gen No:	ON5230528			Choice of Contact:	CO_ADMIN
ID:	20818			Phone No Official:	613-591-0768 Ext.21
Contaminated Fac:	N			Phone No Admin:	613-591-0768 Ext.21
MHSW Facility:	N			County Ont:	OTTAWA CARLTON (RM)
NAICS Code1:	335990			County Out:	
NAICS Code2:				District:	402
NAICS Code3:					
Gen Name:	Flexus Electronics				
Gen Div:					
Gen Op Name:	Flexus Electronics				
Gen Op Div:					
Site Adrs1:	95 Hines rd				
Site Bldg:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Pobox: Province In: ONTARIO Site Adrs2: Site City: Kanata Province Out: Site Postal Code: K2K 2M5 Site Country: Canada Co Official: Joe Pacilio Co Admin: Tom Nguyen					
<u>28</u>	1 of 1	WSW/221.1	97.9 / 8.00	Corporation of the City of Ottawa Goulbourn Forced Rd. near Terry Fox Dr. Ottawa ON	SPL
Ref No: 3571-BVNMA4 Year: Incident Dt: 11/22/2020 Dt MOE Arvl on Scn: MOE Reported Dt: 11/24/2020 Dt Document Closed: 3/10/2021 Site No: NA MOE Response: No Site County/District: Site Geo Ref Meth: Site District Office: Ottawa Nearest Watercourse: Site Name: Treated Water Spill to Ditch<UNOFFICIAL> Site Address: Goulbourn Forced Rd. near Terry Fox Dr. Site Region: Eastern Site Municipality: Ottawa Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: 5021098.02 Easting: 427030.09 Entity Operating Name: Client Name: Corporation of the City of Ottawa Client Type: Municipal Government Source Type: Water Supply Incident Cause: Incident Preceding Spill: Operator/Human error Incident Reason: Operator/Human Error Incident Summary: City of Ottawa: ~210000L Treated Water to Storm System & Ditch, Treating Environment Impact: Health Env Consequence: Nature of Impact: Contaminant Qty: 210000 L Contaminant Qty 1: 210000 Contaminant Unit: L Contaminant Code: 99 Contaminant Name: WATER Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: n/a Receiving Medium: Land; Surface Water Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Municipal Sewage SAC Action Class: Call Report Locatn Geodata: Time Reported: System Facility Address:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
29	1 of 4	N/226.8	89.0 / -0.85	Innovation Blvd. I, LLC 383 Terry Fox Dr Ottawa ON 19801	ECA
Approval No:	5170-A9GS6E			MOE District: Ottawa	
Approval Date:	2016-06-10			City:	
Status:	Approved			Longitude: -76.68695	
Record Type:	ECA			Latitude: 45.492963	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS				
Project Type:	INDUSTRIAL SEWAGE WORKS				
Business Name:	Innovation Blvd. I, LLC				
Address:	383 Terry Fox Dr				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/9354-A53RVC-14.pdf				
PDF Site Location:					
29	2 of 4	N/226.8	89.0 / -0.85	Innovation Blvd. I, LLC 5050 Innovation Dr 383/385 Terry Fox Drive Ottawa ON 19801	ECA
Approval No:	3893-A7QRXU			MOE District:	
Approval Date:	2016-03-11			City:	
Status:	Approved			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	Innovation Blvd. I, LLC				
Address:	5050 Innovation Dr 383/385 Terry Fox Drive				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0930-A7PQKT-14.pdf				
PDF Site Location:					
29	3 of 4	N/226.8	89.0 / -0.85	Innovation Blvd. I, LLC 383 Terry Fox Dr Ottawa ON 19801	ECA
Approval No:	5197-A8RR3D			MOE District: Ottawa	
Approval Date:	2016-04-13			City:	
Status:	Approved			Longitude: -76.68695	
Record Type:	ECA			Latitude: 45.492963	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	Innovation Blvd. I, LLC				
Address:	383 Terry Fox Dr				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1472-A53RYT-14.pdf				
PDF Site Location:					
29	4 of 4	N/226.8	89.0 / -0.85	383 Terry Fox Dr Ottawa ON K2K0L1	EHS
Order No:	20170601043			Nearest Intersection:	
Status:	C			Municipality:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Type:	Standard Report			Client Prov/State: ON	
Report Date:	06-JUN-17			Search Radius (km): .25	
Date Received:	01-JUN-17			X: -75.927303	
Previous Site Name:				Y: 45.346125	
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				

30	1 of 1	WNW/257.5	91.2 / 1.28	Innovation Drive and Terry Fox Ottawa ON	EHS
Order No:	20110504039			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State: ON	
Report Date:	5/13/2011			Search Radius (km): 0.25	
Date Received:	5/4/2011 4:37:56 PM			X: -75.93144	
Previous Site Name:				Y: 45.344005	
Lot/Building Size:					
Additional Info Ordered:	Title Searches				

31	1 of 1	WNW/264.0	91.2 / 1.31	Kanata Highlands Vet Hospital 5035 Innovation Dr, unit 300 Kanata ON	GEN
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Generator Info

Generator No:	ON5959229	Choice of Contact:
Approval Years:	As of Oct 2022	Contaminated Fac:
Status:	Registered	MHSW Facility:
PO Box No:		SIC Code:
Country:	Canada	
Co Admin:		
Phone No Admin:		
SIC Description:		

Waste Detail(s)

Waste Class:	312 P
Waste Class Name:	PATHOLOGICAL WASTES

Waste Detail(s)

Waste Class:	261 A
Waste Class Name:	PHARMACEUTICALS

Generator Info (as of Dec 2024)

Generator No:	ON5959229
Generator Company Name:	Kanata Highlands Vet Hospital
Street:	5035 Innovation Dr, unit 300
City:	Kanata
Province State:	Ontario
Country:	Canada
Postal Code:	K2K0L5
Waste Class:	312 P,261 A

Waste Class Decoded:

312 - PATHOLOGICAL WASTES; 261 - PHARMACEUTICALS

Generator Info (as of Apr 2025)

Generator Company Name: Kanata Highlands Vet Hospital
Generator Site Address: 5035 Innovation Dr, unit 300
City: Kanata
Province State: Ontario
Country: Canada
Postal Code: K2K0L5
Waste Class: 312 P, 261 A

Waste Class Decoded:

312 - PATHOLOGICAL WASTES; 261 - PHARMACEUTICALS

Waste Characteristic Decoded:

P - Pathological; A - Acutely Hazardous Waste Chem.

2020 Generator Info

Gen No:	ON5959229	Choice of Contact:	CO_ADMIN
ID:	23602	Phone No Official:	(613)257-2200 Ext.
Contaminated Fac:	N	Phone No Admin:	7057250940 Ext.
MHSW Facility:	N	County Ont:	RENFREW
NAICS Code1:	621110	County Out:	
NAICS Code2:		District:	402
NAICS Code3:			
Gen Name:	Kanata Highlands Vet Hospital		
Gen Div:			
Gen Op Name:	Kanata Highlands Vet Hospital		
Gen Op Div:			
Site Adrs1:	5035 Innovation Dr, unit 300		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Kanata		
Province Out:			
Site Postal Code:	K2K 0L5		
Site Country:	Canada		
Co Official:	Jolanda Jardine		
Co Admin:	Sean Locke		

2020 Generator Manifest

ID:	44913	Sum Received Qty:	9.0
Generator No:	ON5959229	Waste Class Name:	PATHOLOGICAL WASTES
Receiver Type:	035	Count Manifests:	1
Waste Char:	P	District:	302
Waste Code:	312		

2021 Generator Info

Gen No:	ON5959229	Choice of Contact:	CO_ADMIN
ID:	23951	Phone No Official:	(613)257-2200 Ext.
Contaminated Fac:	N	Phone No Admin:	7057250940 Ext.
MHSW Facility:	N	County Ont:	RENFREW
NAICS Code1:	621110	County Out:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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NAICS Code2:
NAICS Code3:
Gen Name: Kanata Highlands Vet Hospital
Gen Div:
Gen Op Name: Kanata Highlands Vet Hospital
Gen Op Div:
Site Adrs1: 5035 Innovation Dr, unit 300
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Kanata
Province Out:
Site Postal Code: K2K 0L5
Site Country: Canada
Co Official: Jolanda Jardine
Co Admin: Sean Locke

2021 Generator Manifest

ID:	46633	Sum Received Qty:	20.0
Generator No:	ON5959229	Waste Class Name:	PATHOLOGICAL WASTES
Receiver Type:	035	Count Manifests:	3
Waste Char:	P	District:	302
Waste Code:	312		

<u>32</u>	1 of 2	ENE/267.5	83.9 / -6.00	COLONNADE DEVELOPMENT INC. 60 HINES RD., PH. 1, SWM KANATA ON K2K 2M5	CA
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Certificate #: 3-1606-98-
Application Year: 98
Issue Date: 10/26/1998
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

<u>32</u>	2 of 2	ENE/267.5	83.9 / -6.00	COLONNADE DEVELOPMENT INC. SWM-60 HINES RD.PH.2 KANATA ON K2K 2M5	CA
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Certificate #: 3-1697-98-
Application Year: 98
Issue Date: 11/5/1998
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
33	1 of 1	WNW/270.2	91.8 / 1.92	OTTAWA ON	SPL
Ref No: 1-56J5UX Year: Incident Dt: Mar 25,2024 08:30:00 AM Dt MOE Arvl on Scn: MOE Reported Dt: Mar 25,2024 09:11:44 AM Dt Document Closed: Mar 25,2024 09:24:04 AM Site No: MOE Response: Desktop Response Site County/District: Site Geo Ref Meth: Site District Office: Ottawa District Office Nearest Watercourse: Site Name: Site Address: Site Region: Site Municipality: OTTAWA Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Entity Operating Name: Client Name: Client Type: Source Type: Motor Vehicle Incident Cause: Incident Preceding Spill: Incident Reason: Incident Summary: OC Transpo - est 5L coolant to cb from bus Environment Impact: Health Env Consequence: Not Anticipated Nature of Impact: Contaminant Qty: 5 litre (L) Contaminant Qty 1: Contaminant Unit: Contaminant Code: Contaminant Name: COOLANT (N.O.S.) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Surface Water Activity Preceding Spill: Property 2nd Watershed: 02K Central Ottawa River Property Tertiary Watershed: 02KF Mississippi River - Central Ottawa River Sector Type: URBAN TRANSIT SYSTEMS SAC Action Class: Call Report Locatn Geodata: {"integration_ids":["PR00004275604"],"wks":["POINT (-75.9318305000 45.3433353000)"],"creation_date":"2024-03-25"} Time Reported: System Facility Address:		Municipality No: Nature of Damage: Discharger Report: Material Group: Impact to Health: Agency Involved:			
34	1 of 3	WNW/270.2	91.8 / 1.92	OC Transpo 5025 Innovation Drive Ottawa ON	GEN

Generator Info (as of Dec 2024)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: Generator Company Name: Street: City: Province State: Country: Postal Code: Waste Class:		ONS0402-1-5668SW-1 OC Transpo 5025 Innovation Drive Ottawa Ontario Canada K2K 1X7 212 L			
Waste Class Decoded:					
212 - ALIPHATIC SOLVENTS					
<u>Generator Info (as of Apr 2025)</u>					
Generator Company Name: Generator Site Address: City: Province State: Country: Postal Code: Waste Class:		OC Transpo 5025 Innovation Drive Ottawa Ontario Canada K2K 1X7 212 L			
Waste Class Decoded:					
212 - ALIPHATIC SOLVENTS					
Waste Characteristic Decoded:					
L - Liquid Industrial Waste					
34	2 of 3	WNW/270.2	91.8 / 1.92	City of Ottawa 5025 Innovation Dr. Ottawa ON	SPL
Ref No: Year: Incident Dt: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Site No: MOE Response: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Site Address: Site Region: Site Municipality: Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Entity Operating Name: Client Name: Client Type: Source Type:		1666-B6GHDS 2018/11/13 2018/11/13 NA No Ottawa OC Transpo Bus Spill<UNOFFICIAL> 5025 Innovation Dr. Eastern Ottawa 5021577.68 427126.76 City of Ottawa Municipal Government Valve/Fitting/Piping		Municipality No: Nature of Damage: Discharger Report: Material Group: Impact to Health: Agency Involved:	0 - No Impact

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Cause:					
Incident Preceding Spill:		Leak/Break			
Incident Reason:		Material Failure - Poor Design/Substandard Material			
Incident Summary:		OC Transpo: 10L of Glycol to grd/cb - Cleaning			
Environment Impact:					
Health Env Consequence:					
Nature of Impact:					
Contaminant Qty:		10 L			
Contaminant Qty 1:		10			
Contaminant Unit:		L			
Contaminant Code:		24			
Contaminant Name:		ETHYLENE GLYCOL (ANTIFREEZE)			
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:		n/a			
Receiving Medium:					
Land; Surface Water					
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:		Miscellaneous Industrial			
SAC Action Class:		Watercourse Spills			
Call Report Locatn Geodata:					
Time Reported:					
System Facility Address:					

[34](#) 3 of 3 **WNW/270.2** **91.8 / 1.92** **5025 Innovation Drive, Ottawa**
OTTAWA ON **SPL**

Ref No: 1-5668SW **Municipality No:**

Year: **Nature of Damage:**

Incident Dt: Mar 25,2024 07:15:20 AM **Discharger Report:**

Dt MOE Arvl on Scn: **Material Group:**

MOE Reported Dt: Mar 25,2024 09:06:20 AM **Impact to Health:**

Dt Document Closed: Apr 10,2024 02:49:18 PM **Agency Involved:**

Site No:

MOE Response: Desktop Response

Site County/District:

Site Geo Ref Meth:

Site District Office: Ottawa District Office

Nearest Watercourse: sewer

Site Name:

Site Address: 5025 Innovation Drive, Ottawa

Site Region:

Site Municipality: OTTAWA

Site Lot:

Site Conc:

Site Geo Ref Accu:

Site Map Datum:

Northing:

Easting:

Entity Operating Name:

Client Name:

Client Type:

Source Type:

Incident Cause:

Incident Preceding Spill:

Incident Reason:

Incident Summary: OC - transpo: ~ 5L Coolant into sewer, 15L coolant on roadway

Environment Impact:

Health Env Consequence: Low

Nature of Impact:

Contaminant Qty: 20 litre (L)

Contaminant Qty 1:

Contaminant Unit:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Code: Contaminant Name: COOLANT (N.O.S.) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Land Activity Preceding Spill: Property 2nd Watershed: 02K Central Ottawa River Property Tertiary Watershed: 02KF Mississippi River - Central Ottawa River Sector Type: URBAN TRANSIT SYSTEMS SAC Action Class: Call Report Locatn Geodata: {"integration_ids":["PR00004275604"],"wkts":["POINT (-75.9318305000 45.3433353000)","creation_date":"2024-03-25"} Time Reported: System Facility Address:					

35	1 of 3	WNW/273.9	91.2 / 1.31	5035 Innovation Drive Ottawa ON K2K 0L5	EHS
Order No: 25020600088 Status: C Report Type: Standard Report Report Date: 11-FEB-25 Date Received: 06-FEB-25 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.9314074 Y: 45.3443988					

35	2 of 3	WNW/273.9	91.2 / 1.31	Kanata Highlands Vet Hospital 5035 Innovation Dr, unit 300 Kanata ON K2K 0L5	GEN
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Generator Info

Generator No: ON5959229	Choice of Contact:
Approval Years: As of Jul 2020	Contaminated Fac:
Status: Registered	MHSW Facility:
PO Box No:	SIC Code:
Country: Canada	
Co Admin:	
Phone No Admin:	
SIC Description:	

Waste Detail(s)

Waste Class: 312 P
Waste Class Name: Pathological wastes

Waste Detail(s)

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

35	3 of 3	WNW/273.9	91.2 / 1.31	Kanata Highlands Vet Hospital 5035 Innovation Dr, unit 300 Kanata ON K2K 0L5	GEN
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Generator Info

Generator No:	ON5959229	Choice of Contact:	
Approval Years:	As of Nov 2021	Contaminated Fac:	
Status:	Registered	MHSW Facility:	
PO Box No:		SIC Code:	
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

Waste Class: 312 P
Waste Class Name: Pathological wastes

Waste Detail(s)

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

<u>36</u>	1 of 4	WNW/289.5	91.2 / 1.30	lot 9 con 3 ON	WWIS
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Well ID:	1519733	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	06/27/1985
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	3644
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	009
Depth to Bedrock:		Concession:	03
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	MARCH TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519733.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/16/1985
Year Completed: 1985
Depth (m): 19.2024
Latitude: 45.3444983371769
Longitude: -75.931554399474
X: -75.931554237955
Y: 45.344498330488996
Path: 151\1519733.pdf

Bore Hole Information

Bore Hole ID: 10041586 **Elevation:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/16/1985
Remarks:
Location Method Desc: Lot centroid
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevrc:
Zone: 18
East83: 427020.60
North83: 5021643.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: lot

**Overburden and Bedrock
Materials Interval**

Formation ID: 931042543
Layer: 2
Color: 1
General Color: WHITE
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 50.0
Formation End Depth: 63.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931042542
Layer: 1
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933108889
Layer: 1
Plug From: 10.0
Plug To: 22.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		961519733			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10590156			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930072621			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930072622			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		63.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991519733			
Pump Set At:					
Static Level:		15.0			
Final Level After Pumping:		30.0			
Recommended Pump Depth:		30.0			
Pumping Rate:		15.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
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:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934384351			
Test Type:					
Test Duration:		30			
Test Level:		30.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934654891			
Test Type:		45			
Test Duration:		30.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934894675			
Test Type:		60			
Test Duration:		30.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934108641			
Test Type:		15			
Test Duration:		30.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933476789			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		58.0			
Water Found Depth UOM:		ft			

36	2 of 4	WNW/289.5	91.2 / 1.30	lot 9 con 3 ON	WWIS
Well ID:	1520041			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/16/1985
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	5222
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	009
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	MARCH TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1520041.pdf				

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

Well Completed Date: 10/11/1984
Year Completed: 1984
Depth (m): 11.5824
Latitude: 45.3444983371769
Longitude: -75.931554399474
X: -75.931554237955
Y: 45.344498330488996
Path: 152\1520041.pdf

Bore Hole Information

Bore Hole ID:	10041891	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	427020.60
Code OB Desc:		North83:	5021643.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/11/1984	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 931043549
Layer: 2
Color: 6
General Color: BROWN
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931043551
Layer: 4
Color: 6
General Color: BROWN
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 23.0
Formation End Depth: 31.0
Formation End Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931043552			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		78			
Material 2 Desc:		MEDIUM-GRAINED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		31.0			
Formation End Depth:		37.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931043550			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		78			
Material 2 Desc:		MEDIUM-GRAINED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		23.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931043548			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		77			
Material 2 Desc:		LOOSE			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		8.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931043553			
Layer:		6			
Color:		6			
General Color:		BROWN			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:		73			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 Desc:		HARD			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		37.0			
Formation End Depth:		38.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933108981			
Layer:		1			
Plug From:		0.0			
Plug To:		22.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961520041			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10590461			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930073136			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		38.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930073135			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991520041			
Pump Set At:					
Static Level:		6.0			

<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>Final Level After Pumping:</i>		15.0			
<i>Recommended Pump Depth:</i>		15.0			
<i>Pumping Rate:</i>		85.0			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		5.0			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		2			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		No			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934376702			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		15.0			
<i>Test Level UOM:</i>		ft			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934655453			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		45			
<i>Test Level:</i>		15.0			
<i>Test Level UOM:</i>		ft			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934110320			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		15.0			
<i>Test Level UOM:</i>		ft			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934904422			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		15.0			
<i>Test Level UOM:</i>		ft			
 <u>Water Details</u>					
<i>Water ID:</i>		933477183			
<i>Layer:</i>		1			
<i>Kind Code:</i>		1			
<i>Kind:</i>		FRESH			
<i>Water Found Depth:</i>		31.0			
<i>Water Found Depth UOM:</i>		ft			
 <u>Water Details</u>					
<i>Water ID:</i>		933477184			
<i>Layer:</i>		2			
<i>Kind Code:</i>		1			
<i>Kind:</i>		FRESH			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth:		37.0			
Water Found Depth UOM:		ft			

36	3 of 4	WNW/289.5	91.2 / 1.30	lot 9 con 3 ON	WWIS
Well ID:	1524429			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	04/11/1990
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	72038			Contractor:	5222
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	009
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	MARCH TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1524429.pdf

Additional Detail(s) (Map)

Well Completed Date: 01/22/1990
Year Completed: 1990
Depth (m): 21.336
Latitude: 45.3444983371769
Longitude: -75.931554399474
X: -75.931554237955
Y: 45.344498330488996
Path: 152\1524429.pdf

Bore Hole Information

Bore Hole ID:	10046179	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	427020.60
Code OB Desc:		North83:	5021643.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	01/22/1990	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931057879			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		28			
Material 2 Desc:		SAND			
Material 3:		71			
Material 3 Desc:		FRACTURED			
Formation Top Depth:		2.0			
Formation End Depth:		6.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931057882			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		20			
Material 2 Desc:		QUARTZITE			
Material 3:		73			
Material 3 Desc:		HARD			
Formation Top Depth:		19.0			
Formation End Depth:		35.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931057880			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		73			
Material 2 Desc:		HARD			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		6.0			
Formation End Depth:		16.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931057883			
Layer:		6			
Color:		1			
General Color:		WHITE			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:		20			
Material 2 Desc:		QUARTZITE			
Material 3:		73			
Material 3 Desc:		HARD			
Formation Top Depth:		35.0			
Formation End Depth:		55.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931057881			
Layer:		4			
Color:		6			
General Color:		BROWN			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:		73			
Material 2 Desc:		HARD			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		16.0			
Formation End Depth:		19.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931057884			
Layer:		7			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		20			
Material 2 Desc:		QUARTZITE			
Material 3:		73			
Material 3 Desc:		HARD			
Formation Top Depth:		55.0			
Formation End Depth:		70.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931057878			
Layer:		1			
Color:					
General Color:					
Material 1:		01			
Material 1 Desc:		FILL			
Material 2:		79			
Material 2 Desc:		PACKED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		2.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933110726			
Layer:		1			
Plug From:		0.0			
Plug To:		21.0			
Plug Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961524429			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10594749			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930080861			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		70.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930080860			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991524429			
Pump Set At:					
Static Level:					
Final Level After Pumping:		40.0			
Recommended Pump Depth:		40.0			
Pumping Rate:		15.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934653590			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934393042			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934902391			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934108814			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933483058			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		64.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933483057			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		53.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933483056			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		32.0			
Water Found Depth UOM:		ft			
36	4 of 4	WNW/289.5	91.2 / 1.30	lot 9 con 3 ON	WWIS
Well ID:	1525131			Flowing (Y/N):	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	11/14/1990
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	095412			Contractor:	5222
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	009
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	MARCH TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1525131.pdf				

Additional Detail(s) (Map)

Well Completed Date: 10/24/1990
Year Completed: 1990
Depth (m): 22.86
Latitude: 45.3444983371769
Longitude: -75.931554399474
X: -75.931554237955
Y: 45.344498330488996
Path: 152\1525131.pdf

Bore Hole Information

Bore Hole ID:	10046873	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	427020.60
Code OB Desc:		North83:	5021643.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/24/1990	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 931060197
Layer: 4
Color: 2
General Color: GREY
Material 1: 21
Material 1 Desc: GRANITE
Material 2: 20
Material 2 Desc: QUARTZITE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3:		18			
Material 3 Desc:		SANDSTONE			
Formation Top Depth:		35.0			
Formation End Depth:		75.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931060195			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		81			
Material 2 Desc:		SANDY			
Material 3:		11			
Material 3 Desc:		GRAVEL			
Formation Top Depth:		5.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931060194			
Layer:		1			
Color:					
General Color:					
Material 1:		01			
Material 1 Desc:		FILL			
Material 2:		79			
Material 2 Desc:		PACKED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931060196			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		21			
Material 1 Desc:		GRANITE			
Material 2:		73			
Material 2 Desc:		HARD			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		35.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933111069			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug From:		0.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961525131			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10595443			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930082081			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930082082			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		75.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991525131			
Pump Set At:					
Static Level:		17.0			
Final Level After Pumping:		30.0			
Recommended Pump Depth:		30.0			
Pumping Rate:		50.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Draw Down & Recovery

Pump Test Detail ID: 934904689
Test Type: Draw Down
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656319
Test Type: Draw Down
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111137
Test Type: Draw Down
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386543
Test Type: Draw Down
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933484015
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 37.0
Water Found Depth UOM: ft

Water Details

Water ID: 933484016
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 66.0
Water Found Depth UOM: ft

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WNW/292.6

91.2 / 1.30

City of Ottawa

ECA

Ottawa ON K1J 8G8

Approval No: 2018-A4UKL9
Approval Date: 2015-12-08
Status: Approved
Record Type: ECA
Link Source: IDS

MOE District: Ottawa
City:
Longitude: -75.9316
Latitude: 45.3445
Geometry X:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>SWP Area Name: Mississippi Valley Geometry Y:</p> <p>Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p>Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p>Business Name: City of Ottawa</p> <p>Address:</p> <p>Full Address:</p> <p>Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5296-A3JPKB-14.pdf</p> <p>PDF Site Location:</p>					
37	2 of 10	WNW/292.6	91.2 / 1.30	Minto Developments Inc. Ottawa ON K1R 7Y2	ECA
<p>Approval No: 7355-6M4TMP MOE District: Ottawa</p> <p>Approval Date: 2006-02-20 City:</p> <p>Status: Approved Longitude: -75.9316</p> <p>Record Type: ECA Latitude: 45.3445</p> <p>Link Source: IDS Geometry X:</p> <p>SWP Area Name: Mississippi Valley Geometry Y:</p> <p>Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p>Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p>Business Name: Minto Developments Inc.</p> <p>Address:</p> <p>Full Address:</p> <p>Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6369-6M2PVR-14.pdf</p> <p>PDF Site Location:</p>					
37	3 of 10	WNW/292.6	91.2 / 1.30	City of Ottawa Terry Fox Drive from Statewood Drive to Second Line Ottawa ON K2G 6J8	ECA
<p>Approval No: 6465-8EQHE7 MOE District: Ottawa</p> <p>Approval Date: 2011-04-14 City:</p> <p>Status: Approved Longitude: -75.9316</p> <p>Record Type: ECA Latitude: 45.3445</p> <p>Link Source: IDS Geometry X:</p> <p>SWP Area Name: Mississippi Valley Geometry Y:</p> <p>Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p>Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p>Business Name: City of Ottawa</p> <p>Address: Terry Fox Drive from Statewood Drive to Second Line</p> <p>Full Address:</p> <p>Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6623-8EMPYP-14.pdf</p> <p>PDF Site Location:</p>					
37	4 of 10	WNW/292.6	91.2 / 1.30	Minto Developments Inc. Ottawa ON K1R 7Y2	ECA
<p>Approval No: 7379-6M4TQ3 MOE District: Ottawa</p> <p>Approval Date: 2006-02-20 City:</p> <p>Status: Approved Longitude: -75.9316</p> <p>Record Type: ECA Latitude: 45.3445000000000004</p> <p>Link Source: IDS Geometry X:</p> <p>SWP Area Name: Mississippi Valley Geometry Y:</p> <p>Approval Type: ECA-Municipal Drinking Water Systems</p> <p>Project Type: Municipal Drinking Water Systems</p> <p>Business Name: Minto Developments Inc.</p> <p>Address:</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Full Address: Full PDF Link: PDF Site Location:					
37	5 of 10	WNW/292.6	91.2 / 1.30	City of Ottawa Terry Fox Drive from Statewood Drive to Second Line Ottawa ON K2G 6J8	ECA
Approval No: 0232-87KN37 Approval Date: 2010-08-03 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Mississippi Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: City of Ottawa Address: Terry Fox Drive from Statewood Drive to Second Line Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0435-87HS53-14.pdf PDF Site Location:					
37	6 of 10	WNW/292.6	91.2 / 1.30	City of Ottawa Terry Fox Drive from Statewood Drive to Second Line Ottawa ON K2G 6J8	ECA
Approval No: 1457-8EQHHL Approval Date: 2011-04-14 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Mississippi Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: City of Ottawa Address: Terry Fox Drive from Statewood Drive to Second Line Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1946-8EMPJ9-14.pdf PDF Site Location:					
37	7 of 10	WNW/292.6	91.2 / 1.30	City of Ottawa Terry Fox Drive from Statewood Drive to Second Line Ottawa ON K2G 6J8	ECA
Approval No: 4431-85ZLJH Approval Date: 2010-06-07 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Mississippi Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: City of Ottawa Address: Terry Fox Drive from Statewood Drive to Second Line Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3945-85SPGT-14.pdf PDF Site Location:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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[37](#) 8 of 10 WNW/292.6 91.2 / 1.30 Minto Developments Inc. ECA
Ottawa ON K1R 7Y2

Approval No: 4309-6VTJMR **MOE District:** Ottawa
Approval Date: 2006-12-01 **City:**
Status: Approved **Longitude:** -75.9316
Record Type: ECA **Latitude:** 45.3445
Link Source: IDS **Geometry X:**
SWP Area Name: Mississippi Valley **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Developments Inc.
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/0120-6VMSMA-14.pdf>
PDF Site Location:

[37](#) 9 of 10 WNW/292.6 91.2 / 1.30 Minto Developments Inc. ECA
Ottawa ON K1R 7Y2

Approval No: 5840-6NRNJD **MOE District:** Ottawa
Approval Date: 2006-05-04 **City:**
Status: Revoked and/or Replaced **Longitude:** -75.9316
Record Type: ECA **Latitude:** 45.3445
Link Source: IDS **Geometry X:**
SWP Area Name: Mississippi Valley **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Developments Inc.
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/7821-6M2PQK-14.pdf>
PDF Site Location:

[37](#) 10 of 10 WNW/292.6 91.2 / 1.30 Minto Developments Inc. ECA
Ottawa ON K1R 7Y2

Approval No: 4638-6VTJWZ **MOE District:** Ottawa
Approval Date: 2006-12-01 **City:**
Status: Approved **Longitude:** -75.9316
Record Type: ECA **Latitude:** 45.3445000000000004
Link Source: IDS **Geometry X:**
SWP Area Name: Mississippi Valley **Geometry Y:**
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: Minto Developments Inc.
Address:
Full Address:
Full PDF Link:
PDF Site Location:

Unplottable Summary

Total: **39** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	KANATA RESEARCH PARK CORP.	TERRY FOX DR.,CROSS KEY, SWM	KANATA CITY ON	
CA	MOSAID TECHNOLOGIES INCORPORATED	PT.LOT 8/CON.3,HINES RD., SWM	KANATA CITY ON	
CA	SUNOCO INC., GASBAR/CARWASH	TERRY FOX DR./GOULBOURN RD,SWM	KANATA CITY ON	
CA		Terry Fox Drive	Kanata ON	
CA	Daniel Patrick O'Brien	Part Lot 9, Concession 3, at Manotick Station	Ottawa ON	
CA	CANADIAN TIRE REAL ESTATE LTD., GILPAUL	TERRY FOX DR.,GAS BAR SWM FAC.	KANATA CITY ON	
CA	KANATA CITY	TERRY FOX DRIVE	KANATA CITY ON	
CA	KANATA RESEARCH PARK CORPORATION	TERRY FOX DR. KANATA N. BUS. P	KANATA CITY ON	
CA	GARFORD LTD. AND NOTLAW LTD.-TERRY FOX D	M.T.O. ACCES RD/TERRY FOX DR.	KANATA CITY ON	
CA	WILLIAM S. BURNSIDE CANADA LTD.	HINES RD.	KANATA CITY ON	
CA	RICHGREEN REALTY CORP.	KANATA CORP.BUS.PK.TERRY FOX	KANATA CITY ON	
CA	TAYLOR DEVELOPMENTS	SHOPPING GEN., TERRY FOX DRIVE	KANATA CITY ON	
CA	KANATA CITY VALLEY-VU REALTY	FUTURE TERRY FOX DR.	KANATA CITY ON	
CA	WILLIAM S. BURNSIDE CANADA LTD.-PT.LOT 9	HINES RD./ON-SITE S-WAT. MGT.	KANATA CITY ON	
CA	KANATA CITY - TERRY FOX DR.	TERRY FOX DR/M.T.O.ACCESS RD.	KANATA CITY ON	
CA	WILLIAM S. BURNSIDE CANADA LTD.	STORMW. DET. FAC. HINES RD.	KANATA CITY ON	

CA	WILLIAM S. BURNSIDE CANADA	HINES RD.	KANATA CITY ON	
CA	RICHGREEN REALTY CORPORATION	KANATA CORP.BUS.PK. TERRY FOX	KANATA CITY ON	
CA	KANATA CITY VALLEY-VU REALTY FORCEMAIN	FUTURE TERRY FOX DR. P.S.	KANATA CITY ON	
CA	Terry Fox Drive Stormwater Management Facility at Realigned Richardson Side Road	Terry Fox Drive	Ottawa ON	
CA	KANATA CITY KANATA N. BUSINESS PARK	TERRY FOX DRIVE	KANATA CITY ON	
ECA	KNL Developments Inc.	Goulbourn Forced Rd (Lots 6-9, Concessions 2-3)	Ottawa ON	K1G 2H5
ECA	City of Ottawa	Terry Fox Dr	Ottawa ON	K1P 1J1
ECA	City of Ottawa	Innovation Dr From Goulbourn Forced Rd To Terry Fox Drive	Ottawa ON	K2G 6J8
LIMO	Cumberland Landfill	Lot 9, Concession 3	Ottawa ON	
PTTW	Mattamy (Half Moon Bay) Limited	Lot: 10-12, Concession: 3, Original Geographic Township of Nepean, City of Ottawa Lot 8-9 and Concession 3, Original Geographic Township of Nepean, City	of Ottawa CITY OF OTTAWA Nepean ON	
SPL	PUC	TERRY FOX DR PAD TRANSFORMER BY NEWBRIDGE COMM. LTD.	KANATA CITY ON	
SPL	Van's Industrial & Specialty Coatings<UNOFFICIAL>	Terry Fox Drive, Nepean	Ottawa ON	
WWIS		lot 8	ON	
WWIS		lot 8	ON	
WWIS		lot 9	ON	
WWIS		lot 9	ON	
WWIS		lot 9	ON	
WWIS		lot 8	ON	
WWIS		lot 8	ON	
WWIS		lot 8	ON	
WWIS		lot 8	ON	
WWIS		lot 8	ON	
WWIS		lot 9	ON	

Unplottable Report

Site: KANATA RESEARCH PARK CORP.
TERRY FOX DR.,CROSS KEY, SWM KANATA CITY ON

Database:
CA

Certificate #: 3-0087-96-
Application Year: 96
Issue Date: 4/1/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: MOSAID TECHNOLOGIES INCORPORATED
PT.LOT 8/CON.3,HINES RD., SWM KANATA CITY ON

Database:
CA

Certificate #: 3-0773-97-
Application Year: 97
Issue Date: 8/13/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: SUNOCO INC., GASBAR/CARWASH
TERRY FOX DR./GOULBOURN RD,SWM KANATA CITY ON

Database:
CA

Certificate #: 3-1660-97-
Application Year: 97
Issue Date: 2/3/1998
Approval Type: Municipal sewage
Status:
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Terry Fox Drive Kanata ON

Database:
CA

Certificate #: 0854-4BJN5

Application Year: 00
Issue Date: 4/13/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address: 111 Lisgar Street
Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: Extension of the watermain on Terry Fox Drive from Winchester Drive south to Michael Cowpland Drive, with a 400 mm diameter watermain.
Contaminants:
Emission Control:

Site: Daniel Patrick O'Brien
Part Lot 9, Concession 3, at Manotick Station Ottawa ON

Database:
CA

Certificate #: 9380-68QMKZ
Application Year: 2005
Issue Date: 1/27/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CANADIAN TIRE REAL ESTATE LTD., GILPAUL
TERRY FOX DR., GAS BAR SWM FAC. KANATA CITY ON

Database:
CA

Certificate #: 3-0329-99-
Application Year: 99
Issue Date: 7/26/1999
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KANATA CITY
TERRY FOX DRIVE KANATA CITY ON

Database:
CA

Certificate #: 3-1806-87-
Application Year: 87
Issue Date: 10/5/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KANATA RESEARCH PARK CORPORATION
TERRY FOX DR. KANATA N. BUS. P KANATA CITY ON

Database:
CA

Certificate #: 7-0653-87-
Application Year: 87
Issue Date: 6/9/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GARFORD LTD. AND NOTLAW LTD.-TERRY FOX D
M.T.O. ACCES RD/TERRY FOX DR. KANATA CITY ON

Database:
CA

Certificate #: 7-0939-91-
Application Year: 91
Issue Date: 8/2/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: WILLIAM S. BURNSIDE CANADA LTD.
HINES RD. KANATA CITY ON

Database:
CA

Certificate #: 7-1597-89-
Application Year: 89
Issue Date: 10/3/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: RICHGREEN REALTY CORP.
KANATA CORP.BUS.PK.TERRY FOX KANATA CITY ON

Database:
CA

Certificate #: 7-1358-89-
Application Year: 89
Issue Date: 8/15/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:

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

Site: TAYLOR DEVELOPMENTS
SHOPPING CEN., TERRY FOX DRIVE KANATA CITY ON

Database:
CA

Certificate #: 7-1321-88-
Application Year: 88
Issue Date: 8/19/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KANATA CITY VALLEY-VU REALTY
FUTURE TERRY FOX DR. KANATA CITY ON

Database:
CA

Certificate #: 7-1420-86-
Application Year: 86
Issue Date: 12/17/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: WILLIAM S. BURNSIDE CANADA LTD.-PT.LOT 9
HINES RD./ON-SITE S-WAT. MGT. KANATA CITY ON

Database:
CA

Certificate #: 3-1024-92-
Application Year: 92
Issue Date: 9/18/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KANATA CITY - TERRY FOX DR.
TERRY FOX DR/M.T.O.ACCESS RD. KANATA CITY ON

Database:
CA

Certificate #: 3-1175-91-

Application Year: 91
Issue Date: 8/2/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **WILLIAM S. BURNSIDE CANADA LTD.**
STORMW. DET. FAC. HINES RD. KANATA CITY ON

Database:
CA

Certificate #: 3-1831-89-
Application Year: 89
Issue Date: 1/21/1991
Approval Type: Municipal sewage
Status: Approved in 1991
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **WILLIAM S. BURNSIDE CANADA**
HINES RD. KANATA CITY ON

Database:
CA

Certificate #: 3-1921-89-
Application Year: 89
Issue Date: 10/3/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **RICHGREEN REALTY CORPORATION**
KANATA CORP.BUS.PK. TERRY FOX KANATA CITY ON

Database:
CA

Certificate #: 3-1634-89-
Application Year: 89
Issue Date: 8/15/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KANATA CITY VALLEY-VU REALTY FORCEMAIN
FUTURE TERRY FOX DR. P.S. KANATA CITY ON

Database:
CA

Certificate #: 3-1793-86-
Application Year: 86
Issue Date: 12/17/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Terry Fox Drive Stormwater Management Facility at Realigned Richardson Side Road
Terry Fox Drive Ottawa ON

Database:
CA

Certificate #: 1044-5E9JWT
Application Year: 02
Issue Date: 9/27/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: City of Ottawa
Client Postal Code: K1P 1J1
Project Description: SWM Facility, quality and quantity control with inlet and outlet sewers
Contaminants:
Emission Control:

Site: KANATA CITY KANATA N. BUSINESS PARK
TERRY FOX DRIVE KANATA CITY ON

Database:
CA

Certificate #: 3-0786-87-
Application Year: 87
Issue Date: 6/9/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KNL Developments Inc.
Goulbourn Forced Rd (Lots 6-9, Concessions 2-3) Ottawa ON K1G 2H5

Database:
ECA

Approval No: 3922-ANCHV3
Approval Date: 2017-08-18
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

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

Business Name: KNL Developments Inc.
Address: Goulbourn Forced Rd (Lots 6-9, Concessions 2-3)
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/7032-AMANPD-14.pdf>
PDF Site Location:

Site: **City of Ottawa**
Terry Fox Dr Ottawa ON K1P 1J1

Database:
ECA

Approval No: 1044-5E9JWT
Approval Date: 2002-09-27
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Terry Fox Dr
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/6019-59QSAT-14.pdf>
PDF Site Location:

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

Site: **City of Ottawa**
Innovation Dr From Goulbourn Forced Rd To Terry Fox Drive Ottawa ON K2G 6J8

Database:
ECA

Approval No: 7997-A5UNZP
Approval Date: 2016-01-13
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Innovation Dr From Goulbourn Forced Rd To Terry Fox Drive
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/9064-9ZLL6W-14.pdf>
PDF Site Location:

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

Site: **Cumberland Landfill**
Lot 9, Concession 3 Ottawa ON

Database:
LIMO

ECA/Instrument No: A461602
Operation Status: Closed
C of A Issue Date:
C of A Issued to:
Lndfl Gas Mgmt (P):
Lndfl Gas Mgmt (F):
Lndfl Gas Mgmt (E):
Lndfl Gas Mgmt Sys:
Landfill Gas Mntr:
Leachate Coll Sys:
ERC Est Vol (m3):
ERC Volume Unit:
ERC Dt Last Det:
Landfill Type:
Source File Type:
Fill Rate:
Fill Rate Unit:
Tot Fill Area (ha):
Tot Site Area (ha):
Footprint:
Tot Apprv Cap (m3):

Natural Attenuation:
Liners:
Cover Material:
Leachate Off-Site:
Leachate On Site:
Req Coll Lndfl Gas:
Lndfl Gas Coll:
Total Waste Rec:
TWR Methodology:
TWR Unit:
Tot Aprv Cap Unit:
Financial Assurance:
Last Report Year:
Region: Eastern
District Office: Ottawa
Site County:
Lot:
Concession:
Latitude:
Longitude:
Easting:

Contam Atten Zone:
Grndwtr Mntr:
Surf Wtr Mntr:
Air Emis Monitor:
Approved Waste Type:
Client Site Name:
ERC Methodology:
Site Name:
Site Location Details:
Service Area:
Page URL:

Cumberland Landfill

Northing:
UTM Zone:
Data Source:

Site: *Mattamy (Half Moon Bay) Limited*
Lot: 10-12, Concession: 3, Original Geographic Township of Nepean, City of Ottawa Lot 8-9 and Concession 3,
Original Geographic Township of Nepean, City of Ottawa CITY OF OTTAWA Nepean ON

Database:
PTTW

EBR Registry No: 012-5618
Ministry Ref No: 6071-A3PQPJ
Notice Type: Instrument Decision
Notice Stage:
Notice Date: February 01, 2016
Proposal Date: November 03, 2015
Year: 2015
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Mattamy (Half Moon Bay) Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2360 Bristol Circle, Oakville Ontario, Canada L6H 6M5
Comment Period:
URL:
Summary:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Lot: 10-12, Concession: 3, Original Geographic Township of Nepean, City of Ottawa Lot 8-9 and Concession 3, Original Geographic Township of Nepean, City of Ottawa CITY OF OTTAWA Nepean

Site: *PUC*
TERRY FOX DR PAD TRANSFORMER BY NEWBRIDGE COMM. LTD. KANATA CITY ON

Database:
SPL

Ref No: 4874
Year:
Incident Dt: 6/7/1988
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/7/1988
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: KANATA CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:

Municipality No: 20103
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: COOLING SYSTEM LEAK
Incident Preceding Spill:
Incident Reason: FIRE/EXPLOSION
Incident Summary: KANATA HYDRO - 150 L MINERAL OIL (NO PCBS) TO GROUND.
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Site: Van's Industrial & Specialty Coatings<UNOFFICIAL>
 Terry Fox Drive, Nepean Ottawa ON

Database:
[SPL](#)

Ref No:	2438-6GNMTJ	Municipality No:	
Year:		Nature of Damage:	
Incident Dt:	9/28/2005	Discharger Report:	0
Dt MOE Arvl on Scn:		Material Group:	Oil
MOE Reported Dt:	9/28/2005	Impact to Health:	
Dt Document Closed:		Agency Involved:	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	East side of Terry Fox Drive, between March Road and Legget Drive<UNOFFICIAL>		
Site Address:			
Site Region:			
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:	Van's Industrial & Specialty Coatings<UNOFFICIAL>		
Client Name:	Van's Industrial & Specialty Coatings<UNOFFICIAL>		
Client Type:			
Source Type:	Other Transport Accident		
Incident Cause:	Other Transport Accident		
Incident Preceding Spill:			
Incident Reason:	Adverse Road Condition - Road faults		
Incident Summary:	Van's Cleaning, 40 L diesel to road, ditch, sewer		
Environment Impact:	Not Anticipated		
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:			
Contaminant Qty 1:			

Contaminant Unit: L
Contaminant Code:
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land & Water
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Other Motor Vehicle
SAC Action Class: Spills to Watercourses
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Site: lot 8 ON

Database:
WWIS

Well ID: 1525908	Flowing (Y/N):
Construction Date:	Flow Rate:
Use 1st: Domestic	Data Entry Status:
Use 2nd:	Data Src: 1
Final Well Status: Recharge Well	Date Received: 12/06/1991
Water Type:	Selected Flag: TRUE
Casing Material:	Abandonment Rec:
Audit No: 92146	Contractor: 3644
Tag:	Form Version: 1
Constructn Method:	Owner:
Elevation (m):	County: OTTAWA-CARLETON
Elevatn Reliabilty:	Lot: 008
Depth to Bedrock:	Concession:
Well Depth:	Concession Name:
Overburden/Bedrock:	Easting NAD83:
Pump Rate:	Northing NAD83:
Static Water Level:	Zone:
Clear/Cloudy:	UTM Reliability:
Municipality: MARCH TOWNSHIP	
Site Info:	

Bore Hole Information

Bore Hole ID: 10047643	Elevation:
DP2BR:	Elevrc:
Spatial Status:	Zone: 18
Code OB:	East83:
Code OB Desc:	North83:
Open Hole:	Org CS:
Cluster Kind:	UTMRC: 9
Date Completed: 11/13/1991	UTMRC Desc: unknown UTM
Remarks:	Location Method: na
Location Method Desc: Not Applicable i.e. no UTM	
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

Overburden and Bedrock
Materials Interval

Formation ID: 931062639
Layer: 2
Color: 2

General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 63.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931062638
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961525908
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10596213
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083442
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083441
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 26.0
Casing Diameter: 6.0
Casing Diameter UOM: inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991525908
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 40.0
Pumping Rate: 50.0
Flowing Rate:
Recommended Pump Rate: 15.0
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: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934649844
Test Type:
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389318
Test Type:
Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907459
Test Type:
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105684
Test Type:
Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933485041
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 56.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
WWIS

Well ID: 1525907
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 92145
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: MARCH TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/06/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047642
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/12/1991
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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: 931062636
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931062637
Layer: 2
Color: 2

General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 83.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525907
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10596212
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083440
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 83.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083439
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 25.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991525907
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 60.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 15.0
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: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934389317
Test Type:
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105683
Test Type:
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649843
Test Type:
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907458
Test Type:
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933485039
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Water Details

Water ID: 933485040
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 78.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1525911
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/06/1991

Water Type:
Casing Material:
Audit No: 92152
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: MARCH TOWNSHIP
Site Info:

Selected Flag: TRUE
Abandonment Rec: 3644
Contractor: 1
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047646
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/20/1991
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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: 931062646
Layer: 3
Color: 7
General Color: RED
Material 1: 21
Material 1 Desc: GRANITE
Material 2: 71
Material 2 Desc: FRACTURED
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 90.0
Formation End Depth: 180.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931062645
Layer: 2
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 15.0

Formation End Depth: 90.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931062647
Layer: 4
Color: 8
General Color: BLACK
Material 1: 21
Material 1 Desc: GRANITE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 180.0
Formation End Depth: 203.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931062644
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 12
Material 3 Desc: STONES
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961525911
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10596216
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083447
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083448
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 203.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991525911
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 150.0
Recommended Pump Depth: 150.0
Pumping Rate: 18.0
Flowing Rate:
Recommended Pump Rate: 15.0
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: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934389321
Test Type:
Test Duration: 30
Test Level: 150.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650265
Test Type:
Test Duration: 45
Test Level: 150.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907462
Test Type:
Test Duration: 60
Test Level: 150.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105687
Test Type:
Test Duration: 15
Test Level: 150.0
Test Level UOM: ft

Water Details

Water ID: 933485046
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 194.0
Water Found Depth UOM: ft

Water Details

Water ID: 933485045
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 95.0
Water Found Depth UOM: ft

Site: lot 9 ON

Database:
[WWIS](#)

Well ID: 1527474
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 135688
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: MARCH TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/07/1993
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1119
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049113
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/21/1993
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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: 931066758
Layer: 4

Color: 1
General Color: WHITE
Material 1: 21
Material 1 Desc: GRANITE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 197.0
Formation End Depth: 260.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931066755
Layer: 1
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931066757
Layer: 3
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 68.0
Formation End Depth: 197.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931066756
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933112483
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961527474
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10597683
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930085763
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930085764
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 20.0
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930085765
Layer: 3
Material:
Open Hole or Material:
Depth From:
Depth To: 260.0
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991527474
Pump Set At:
Static Level: 20.0

Final Level After Pumping: 180.0
Recommended Pump Depth: 200.0
Pumping Rate: 4.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934110715
Test Type: Draw Down
Test Duration: 15
Test Level: 180.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934903650
Test Type: Draw Down
Test Duration: 60
Test Level: 180.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654856
Test Type: Draw Down
Test Duration: 45
Test Level: 180.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934385530
Test Type: Draw Down
Test Duration: 30
Test Level: 180.0
Test Level UOM: ft

Water Details

Water ID: 933486932
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 89.0
Water Found Depth UOM: ft

Water Details

Water ID: 933486933
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 130.0
Water Found Depth UOM: ft

Water Details

Water ID: 933486934
Layer: 3
Kind Code: 5
Kind: Not stated
Water Found Depth: 197.0
Water Found Depth UOM: ft

Site: lot 9 ON

Database:
WWIS

Well ID: 1527475
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: 135689
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: MARCH TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/07/1993
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1119
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049114
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/21/1993
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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: 931066760
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 6.0

Formation End Depth: 84.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931066761
Layer: 3
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 84.0
Formation End Depth: 160.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931066759
Layer: 1
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961527475
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10597684
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930085767
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 20.0
Casing Diameter: 9.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930085766
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930085768
Layer: 3
Material:
Open Hole or Material:
Depth From:
Depth To: 160.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Water Details

Water ID: 933486935
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 140.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
WWIS

Well ID: 1528693
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 152972
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: MARCH TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/28/1995
Selected Flag: TRUE
Abandonment Rec:
Contractor: 5222
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050229
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9

Date Completed: 03/02/1995
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931070508
Layer: 1
Color:
General Color:
Material 1: 01
Material 1 Desc: FILL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931070509
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 81
Material 2 Desc: SANDY
Material 3: 66
Material 3 Desc: DENSE
Formation Top Depth: 3.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931070511
Layer: 4
Color: 2
General Color: GREY
Material 1: 21
Material 1 Desc: GRANITE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 9.0
Formation End Depth: 49.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931070510

Layer: 3
Color: 2
General Color: GREY
Material 1: 13
Material 1 Desc: BOULDERS
Material 2: 05
Material 2 Desc: CLAY
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 4.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931070512
Layer: 5
Color: 2
General Color: GREY
Material 1: 21
Material 1 Desc: GRANITE
Material 2: 46
Material 2 Desc: QUARTZ
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 49.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933113622
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961528693
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10598799
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930087787
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930087786
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991528693
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 50.0
Pumping Rate: 12.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933488508
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 51.0
Water Found Depth UOM: ft

Water Details

Water ID: 933488507
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 48.0
Water Found Depth UOM: ft

Site: lot 8 ON

Database:
WWIS

Well ID: 1531175
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 206815
Tag:
Constructn Method:
Elevation (m):

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/12/2000
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6006
Form Version: 1
Owner:
County: OTTAWA-CARLETON

Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: MARCH TOWNSHIP
Site Info:

Lot: 008
Concession:
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10052709
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/30/2000
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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: 931077736
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931077737
Layer: 2
Color: 1
General Color: WHITE
Material 1: 21
Material 1 Desc: GRANITE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID: 933116346
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531175
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10601279
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092144
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930092145
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991531175
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 55.0
Recommended Pump Depth: 58.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934121142
Test Type: Recovery
Test Duration: 15
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934396553
Test Type: Recovery
Test Duration: 30
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934913407
Test Type: Recovery
Test Duration: 60
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934665279
Test Type: Recovery
Test Duration: 45
Test Level: 12.0
Test Level UOM: ft

Water Details

Water ID: 933491538
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40.0
Water Found Depth UOM: ft

Site:

lot 8 ON

Database:
WWIS

Well ID: 1531461
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 223452
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: MARCH TOWNSHIP

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/26/2000
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3323
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Site Info:

Bore Hole Information

Bore Hole ID:	10052995	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	09/27/2000	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931078556
Layer:	1
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931078557
Layer:	2
Color:	2
General Color:	GREY
Material 1:	18
Material 1 Desc:	SANDSTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	20.0
Formation End Depth:	42.0
Formation End Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	933116632
Layer:	1
Plug From:	0.0
Plug To:	27.0
Plug Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID: 961531461
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10601565
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092746
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991531461
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 42.0
Recommended Pump Depth: 20.0
Pumping Rate: 25.0
Flowing Rate:
Recommended Pump Rate: 25.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934657598
Test Type: Recovery
Test Duration: 45
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934914489
Test Type: Recovery
Test Duration: 60
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112908
Test Type: Recovery
Test Duration: 15
Test Level: 16.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397080
Test Type: Recovery
Test Duration: 30
Test Level: 12.0
Test Level UOM: ft

Water Details

Water ID: 933491929
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 35.0
Water Found Depth UOM: ft

Site: lot 8 ON

Database:
WWIS

Well ID: 1500396
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY (GLOUCESTER)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/26/1948
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1107
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name: JG
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10022441
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/29/1947
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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: 930989161
Layer: 1
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930989162
Layer: 2
Color:
General Color:
Material 1: 26
Material 1 Desc: ROCK
Material 2: 19
Material 2 Desc: SLATE
Material 3:
Material 3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 51.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961500396
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571011
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930037815
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 28.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930037816

Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 51.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991500396
Pump Set At:
Static Level: 6.0
Final Level After Pumping: 6.0
Recommended Pump Depth:
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933452913
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 51.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1525906
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Recharge Well
Water Type:
Casing Material:
Audit No: 92144
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: MARCH TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/06/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047641
DP2BR:
Elevation:
Elevrc:

Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/12/1991
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931062633
Layer: 2
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 95.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931062635
Layer: 4
Color: 8
General Color: BLACK
Material 1: 21
Material 1 Desc: GRANITE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 180.0
Formation End Depth: 203.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931062632
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931062634
Layer: 3
Color: 2
General Color: GREY
Material 1: 21
Material 1 Desc: GRANITE
Material 2: 71
Material 2 Desc: FRACTURED
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 95.0
Formation End Depth: 180.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961525906
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10596211
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083438
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 203.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083437
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991525906
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 150.0
Recommended Pump Depth: 150.0

Pumping Rate: 7.0
Flowing Rate:
Recommended Pump Rate: 7.0
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: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934105682
Test Type:
Test Duration: 15
Test Level: 150.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389316
Test Type:
Test Duration: 30
Test Level: 150.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649842
Test Type:
Test Duration: 45
Test Level: 150.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907457
Test Type:
Test Duration: 60
Test Level: 150.0
Test Level UOM: ft

Water Details

Water ID: 933485037
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 100.0
Water Found Depth UOM: ft

Water Details

Water ID: 933485038
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 180.0
Water Found Depth UOM: ft

Site:

Database:
WWIS

lot 9 ON

Well ID: 1532483
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 234729
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: MARCH TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/04/2001
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3323
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10516933
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/30/2001
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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: 932832977
Layer: 2
Color: 1
General Color: WHITE
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932832978
Layer: 3
Color: 2
General Color: GREY

Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 62.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932832976
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933219919
Layer: 1
Plug From: 0.0
Plug To: 22.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961532483
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11065503
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930094926
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991532483
Pump Set At:
Static Level: 8.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 30.0
Pumping Rate: 50.0
Flowing Rate:
Recommended Pump Rate: 20.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934661001
Test Type: Recovery
Test Duration: 45
Test Level: 8.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934917747
Test Type: Recovery
Test Duration: 60
Test Level: 8.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934401034
Test Type: Recovery
Test Duration: 30
Test Level: 9.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934116866
Test Type: Recovery
Test Duration: 15
Test Level: 11.0
Test Level UOM: ft

Water Details

Water ID: 934008701
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 57.0
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Nov 2024

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-May 2025

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Apr 30, 2025

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 2023

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-Apr 30, 2025

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 -Jul 2025

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Jul 2025

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994 - Jul 31, 2025

Drill Hole Database:

Provincial [DRL](#)

The Ontario Drill Hole Database (ODHD) is offered by the Province of Ontario's Ministry of Mines. The dataset contains information for over 164,000 percussion, overburden, sonic and diamond-drill holes. The presence of assay results with cutoff values for gold, silver, copper, zinc, lead, nickel and platinum group elements is noted. Drill hole data are compiled from assessment files that have been submitted to the ministry in accordance with the Ontario Mining Act (OMA). Source assessment file numbers are captured for cross reference with the Ontario Assessment File Database (OAFD). Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Jul 2025

Delisted Fuel Tanks:

Provincial [DTNK](#)

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

Government Publication Date: Oct 2023

Environmental Activity and Sector Registry:

Provincial [EASR](#)

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

Government Publication Date: Oct 2011 - Jul 31, 2025

Environmental Registry:

Provincial [EBR](#)

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

Government Publication Date: 1994 - Jul 31, 2025

Environmental Compliance Approval:

Provincial [ECA](#)

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

Government Publication Date: Oct 2011 - Jul 31, 2025

Environmental Effects Monitoring:

Federal [EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

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

Government Publication Date: 1999-Apr 30, 2025

Environmental Issues Inventory System:

Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial **EPAR**

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2024

List of Expired Fuels Safety Facilities:

Provincial **EXP**

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

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

Government Publication Date: Oct 2023

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: Jun 2000-Mar 2025

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

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

Government Publication Date: Oct 31, 2021

Fuel Storage Tank:

Provincial **FST**

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

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

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. As of January 1, 2023, businesses and institutions subject to the amended Reg. 347: General – Waste Management are required to report their activities and pay fees through Resource Productivity & Recovery Authority (RPRA) online Hazardous Waste Program Registry (HWPR) rather than the Hazardous Waste Information Network (HWIN) system previously operated by the Ministry of the Environment, Conservation and Parks (MECP). Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Mar 31, 2025

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-Feb 2025

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario:

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Mar 31, 2022

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

[MNR](#)

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

Government Publication Date: 1846-Feb 2025

National Analysis of Trends in Emergencies System (NATES):

Federal

[NATE](#)

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

[NCPL](#)

The Ministry of the Environment Conservation and Parks (MECP) provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act. MECP publicly releases the Environmental Compliance Report (ECR) on the Ontario Data Catalogue. In Ontario, all facilities with regulated wastewater discharges or air emissions under the Ontario Water Resources Act and the Environmental Protection Act must monitor and report any cases where approved operating limits have been exceeded.

Government Publication Date: Dec 31, 2023

National Defense & Canadian Forces Fuel Tanks:

Federal

[NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

[NDSP](#)

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

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal

[NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

[NEBI](#)

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

Government Publication Date: 2008-Jul 31, 2025

National Energy Board Wells:

Federal

[NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPR2

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

Government Publication Date: Feb 2024

National Pollutant Release Inventory - Historic:

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

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

Government Publication Date: 1988-Jun 30, 2025

Ontario Oil and Gas Wells:

Provincial

OOGW

In 1998, the Ministry of Natural Resources (MNR) handed over to the Ontario Oil, Gas and Salt Resources (OGSR) Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database includes well owner/operator, location, permit issue date, and well cap date, license number, status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provided for each well record.

Government Publication Date: 1800-Aug 2024

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994 - Jul 31, 2025

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

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

Government Publication Date: Oct 2011 - Jul 31, 2025

Ontario PFAS Spills:

Provincial

PFAS

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

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

NPRI Reporters - PFAS Substances:

Federal

PFCH

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

Government Publication Date: Feb 2024

Potential PFAS Handlers from NPRI:

Federal

PFHA

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

Government Publication Date: Feb 2024

Pipeline Incidents:

Provincial

PINC

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

Government Publication Date: Feb 28, 2021

Potential PFAS Handlers from EASR:

Provincial

PPHA

The Ontario Environmental Activity and Sector Registry (EASR), described in Ontario Regulation 245/11, allows businesses with less complex operations - and hence not requiring an Environmental Compliance Approval - to register their activities with the Ontario Ministry of the Environment, Conservation and Parks (MECP). This list of potential PFAS handlers includes those EASR facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used.

Government Publication Date: Jun 30, 2024

Private and Retail Fuel Storage Tanks:

Provincial

PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994 - Jul 31, 2025

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition:

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

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

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-Apr 30, 2025

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Jun 2024; Aug 2024; Oct-May 2025

Wastewater Discharger Registration Database:

Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks:

Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal TCFT

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

Government Publication Date: 1970 - Apr 2024

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011 - Jul 31, 2025

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Dec 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

Appendix H

City Directory



CITY
DIRECTORY

Project Property: *CISCO*
2000 and 3000 Innovation Drive
Ottawa, ON K2K 3E8

Project No: *30270525-01*

Requested By: *Arcadis Canada Inc.*

Order No: *25091500067*

Date Completed: *September 22, 2025*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

September 22, 2025
RE: CITY DIRECTORY RESEARCH
2000 and 3000 Innovation Drive
Ottawa, ON K2K 3E8

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

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

Search Criteria:

2000 of Innovation Drive

3000 of Innovation Drive

Search Notes:

Kanata, ON is last listed in city directories in 1991.

Search Results Summary

Data from 2012 to 2017 does not include residential information

Date	Source	Comment
2023	DIGITAL BUSINESS DIRECTORY	
2021	DIGITAL BUSINESS DIRECTORY	
2017	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2006-07	VERNONS	
2000	POLKS	
1993-94	POLKS	
1991	MIGHTS	

Environmental Risk Information Services

A division of Glacier Media Inc.

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3000 CISCO SYSTEMS CANADA CO...COMPUTERS-NETWORKING

3000 CISCO SYSTEMS CANADA CO...COMPUTERS-NETWORKING

3000 **CISCO SYATEMS CANADA CO...**RESEARCH & DEVELOPMENT IN BIOTECHNOLOGY

2000 **CISCO...**RESEARCH & DEVELOPMENT IN BIOTECHNOLOGY
3000 **CISCO SYSTEMS...**OTHER MANAGEMENT CONSULTING SVCS

2000 CISCO SYSTEMS
3000 ADDRESS NOT LISTED

STREET NOT LISTED

STREET NOT LISTED

STREET NOT LISTED

Appendix I

Survey Report

SURVEY REPORT

Re: **2000 and 3000 Innovation Drive
Block 3 and Part of Block 11
Registered Plan 4M-1075
And
Part of Block 5
Registered Plan 4M-1104
City of Ottawa
Being all of PINs 04518-0077, 04518-0103, 04518-0104, 04518-0105 and 04518-0109**

1. Registered Rights-of-Way / Easements

The property is subject to several easements per our Land Titles Office search.

PIN 04518-0077

Though not shown in the property description (thumbnail) of the Parcel Register Abstract, the body of the abstract show the following easements being registered on the subject PIN:

Part 39 on Plan 4R-21581 is subject to an easement as described in Instrument OC677520 in favour of 2113007 Ontario Inc.

Part 39 on Plan 4R-21581 is subject to an easement as described in Instrument OC677521 in favour of 2118777 Ontario Inc.

PIN 04518-0103

Part 8 on Plan 4R-21581 is subject to an easement as described in Instrument OC677518 in favour of 2113007 Ontario Inc.

Parts 8 and 9 on Plan 4R-21581 are subject to an easement as described in Instrument OC815676 in favour of Hydro Ottawa Limited.

PIN 04518-0104

Parts 11 and 12 on Plan 4R-21581 is subject to an easement as described in Instrument OC677520 in favour of 2113007 Ontario Inc.

Parts 11 and 12 on Plan 4R-21581 is subject to an easement as described in Instrument OC677521 in favour of 2118777 Ontario Inc.

PIN 04518-0105

No rights-of-way or easements were found registered against the subject property.

PIN 04518-0109

Parts 20, 21, 31 & 32 on Plan 4R-21581 are subject to an easement as described in Instrument MH3289 in favour of the Hydro-Electric Power Commission of Ontario.

Parts 21, 22, 32 and 33 on Plan 4R-21581 are subject to an easement as described in Instrument MH3515 favour of the Hydro-Electric Power Commission of Ontario.

Parts 22 and 33 on Plan 4R-21581 are subject to an easement as described in Instrument LT599592 in favour of the Kanata Hydro-Electric Commission.

Parts 20, 21, 22, 23, 24, 25, 26, and 28 on Plan 4R-21581 are subject to an easement as described in Instrument OC677518 in favour of 2113007 Ontario Inc.

Parts 29 and 30 on Plan 4R-21581 are subject to an easement as described in Instrument OC677519 in favour of 2113007 Ontario Inc.

Parts 35 and 37 on Plan 4R-21581 are subject to an easement as described in Instrument OC677520 in favour of 2113007 Ontario Inc

Parts 35 and 37 on Plan 4R-21581 are subject to an easement as described in Instrument OC677521 in favour of 2118777 Ontario Inc.

Parts 24, 25, 27, 28, 29, and 30 on Plan 4R-21581 are subject to an easement as described in Instrument OC815676 in favour of Hydro Ottawa Limited

Notwithstanding the above there is a utility pole near the south west corner of the subject lands. Overhead utility service wires cross the northerly portion of the subject lands to service the adjacent dwellings.

2. Property Improvements

The Property comprises of 5 separate parcels of land and houses a complex of 2 large commercial buildings, a couple of smaller buildings a sports field and intricate landscaping. All buildings are clear of the perimeter property lines. Landscaping, natural features and interconnecting pathways cross the perimeter property lines. See plan for details.

3. Compliance with Municipal Zoning Bylaws

Compliance is not certified by this report.

4. Additional Remarks

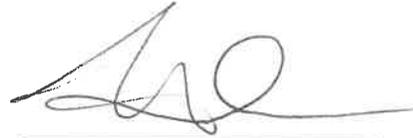
A survey monument was set at the northwest corner of the property. A second survey monument was set along the northwesterly boundary. All other survey monuments demarcating the perimeter of the lands were found.

The property is accessed from Innovation Drive via 3 asphalt entrances.

The site area is 78,358 square metres (7.8358 hectares).

This report is a supplement to the accompanying survey plan. Please refer to this plan for disclosure of the location of improvements and boundary information.

OTTAWA, Ontario
Date: July 24, 2025
Our Reference: 26106-25

A handwritten signature in black ink, appearing to read 'TH', is written over a horizontal line.

Travis Hartwick
Ontario Land Surveyor

REGISTERED

PLAN

BLOCK

2

4M-1104
3

BLOCK

BLOCK 1

BLOCK II

REGISTERED

PLAN

BLOCK 3

BLOCK 2

4M-1075

BLOCK 9

BLOCK 4

BLOCK 7

BLOCK 5

TOPOGRAPHIC PLAN OF SURVEY OF

**BLOCK 3 and
PART OF BLOCK 11
REGISTERED PLAN 4M-1075
PART OF BLOCK 5
REGISTERED PLAN 4M-1104
CITY OF OTTAWA**
Surveyed by Annis, O'Sullivan, Vollebek Ltd.

Scale 1:400

Metric
DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND
CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

Surveyor's Certificate

I CERTIFY THAT:
1. This survey and plan are correct and in accordance with the Survey Act, the Surveyors Act and the regulations made under them.
2. The survey was completed on the 24th day of July, 2025.

[Signature]
Date
Ottawa Land Surveyor

Notes & Legend

Denotes	
○	Survey Monument Planted
●	Survey Monument Found
SSB	Standard Iron Bar
B	Iron Bar
CC	Cut Cross
CP	Concrete Pin
W	Witness
M	Measurand
(450)	Annis, O'Sullivan, Vollebek Ltd.
(P)	Registered Plan 4M-1104
(P3)	Registered Plan 4M-1075
(P3)	Plan 4M-21581
○	Maintenance Hole (Hydro)
○	Maintenance Communication
○	Maintenance Hole (Unidentified)
○	Valve Chamber (Watermain)
○	Overhead Wire
○	Utility Pole
○	Anchor
○	Light Standard
○	Catch Basin Inlet
○	Catch Basin
○	Compacted Street Pipe
○	Fire Hydrant
○	Water Valve
○	Irrigation Control Valve
○	Top of Pipe
○	Headline
○	Unidentified Terminal Box
○	Cable Terminal Box
○	Sign
○	Stone Retaining Wall
○	Concrete Retaining Wall
○	Diameter
○	Location of Elevations
○	Top of Retaining Wall Concrete Curb Elevation
○	Centreline
○	Deciduous Tree 0.10 unless otherwise noted
○	Coniferous Tree 0.10 unless otherwise noted
○	Bollard
○	Foundation

Bearings are grid, derived from Can Net 2016 Real Time Network GPS observations and are referenced to Specified Control Points 015 1960007 and 015 1960008, UTM Zone 18 UTM East Longitude 116453 (easting).
For bearing comparisons, a rotation of 0°23'22" counter-clockwise was applied to bearings on plans P1, P2, P3.



SITE AREA = 7.8358 Hectares

ELEVATION NOTES

1. Elevations shown are geoids, derived from Vertical Control Monument 2019-0170 having an elevation of 77.964 metres and are referred to the CGVD25 geoid datum.
2. It is the responsibility of the user of this information to verify that the job benchmark has not been altered or disturbed and that its relative elevation and description agrees with the information shown on this drawing.

UTILITY NOTES

1. This drawing cannot be accepted as acknowledging all of the utilities and is left as the responsibility of the user to contact the respective utility authorities for confirmation.
2. Only visible surface utilities were located.
3. A field location of underground plant by the pertinent utility authority is mandatory before any work involving breaking ground, grading, excavating, etc.

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