



Phase I Environmental Site Assessment - 1683 Moore Drive and 1490 County Road 28, Fraserville, Ontario

August 4, 2021

Prepared for:

RIC (Moore Drive) Inc. and RIC (Highway 28) Inc.

Cambium Reference: 12579-002

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Executive Summary

RIC (Moore Drive) Inc. and RIC (Highway 28) Inc. retained Cambium Inc. to complete a Phase I Environmental Site Assessment of the property at 1683 Moore Drive and 1490 County Road 28 in Fraserville, Ontario. The 59.3 ha Site consists of two rectangular land parcels that are used for agricultural purposes with a residential dwelling on each.

The Phase I Environmental Site Assessment was undertaken to identify potential and actual environmental concerns associated with current and historical activities at the Site and surrounding properties, for due diligence purposes. The Phase I Environmental Site Assessment was conducted consistent with the standard practices established in Canadian Standards Association Standard Z768-01 (Reaffirmed 2016).

The Phase I Environmental Site Assessment identified the following actual and/or potential on-site sources of environmental contamination:

On-Site

- Dyed diesel AST at 1490 County Road 28.
- Historical AST at 1683 Moore Drive
- Potential use of organochlorine pesticides on crops
- Burn area at 1683 Moore Drive

The Phase I Environmental Site Assessment identified evidence of environmental concerns associated with the Site; therefore, Cambium recommends a Phase II Environmental Site Assessment to evaluate soil and groundwater quality at the Site.



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1.0 Introduction

RIC (Moore Drive) Inc. and RIC (Highway 28) Inc. (the 'Client') retained Cambium Inc. (Cambium) to complete a Phase I Environmental Site Assessment (ESA) of the property at 1683 Moore Drive and 1490 County Road 28 in Fraserville, Ontario (the Site). The due diligence assessment was completed to identify actual and potential environmental concerns associated with current and historical activities at the Site and surrounding properties, for due diligence purposes.

This Phase I ESA was conducted consistent with the standard practices for Phase I ESAs established in the Canadian Standards Association (CSA) Standard Z768-01 (CSA, 2016). This report describes the methods used to investigate environmental concerns that may affect the Site at the time of the assessment.

1.1 Scope of Work

The Phase I ESA consisted of the following:

- A review of pertinent background and historical information including documents such as aerial imagery, city directories, and topographic maps (as available)
- A review and summary of available environmental records obtained from the Site and/or public and private sources
- A site visit and observation of the surrounding properties from publicly accessible areas
- Interview(s) with person(s) knowledgeable of the history of the Site
- Preparation of this report documenting the findings of the Phase I ESA and recommendations for further work, if any, required to ascertain the environmental condition of the Site

No intrusive sampling was completed as part of this Phase I ESA. While the report considers environmental concerns, both past and present, it is limited by the availability of information obtained at the time of the assessment.



2.0 Site Description

The Site consists of a 59.3 ha (146.5 acre), rectangular land parcels at 1683 Moore Drive and 1490 County Road 28 in Fraserville, Ontario. The Universal Transverse Mercator coordinates for the centre of the Site are Zone 17T, 707,899m east, 4,898,990m north. The site location is shown on Figure 1.

The Site is used for agricultural purposes with residential dwellings located at 1683 Moore Drive and 1490 County Road 28, originally constructed prior to 1951.

The Site slopes to the east, west, and to the south where a provincially significant wetland is present. The central-north portion of the Site is at higher elevation which runs in a north to south direction. The Site is bordered by Moore Drive to the north and County Road 28 to the east. Kawartha Downs and Speedway is located on the southeast property boundary. Agricultural properties exist to the south and west.

The Site and surrounding land uses are shown on Figure 2. Photographs of the Site are included in Appendix A.



3.0 Phase I ESA Investigation Methodology

The Phase I ESA methodology is described in the following sub-sections.

3.1 Records Review

Cambium made appropriate inquiries to obtain information and documents as were reasonably ascertainable and pertained to the Site. The following documents were available for review and were used to develop the information database for this report.

- Ontario Base Mapping accessed through Land Information Ontario
- Natural Heritage mapping accessed through the Ministry of Natural Resources and Forestry and the municipal Official Plan.
- The Physiography of Southern Ontario map (Chapman & Putnam, 2007)
- 1951, 1981, 2008, and 2020 aerial years aerial imagery (Figure 3 to Figure 6)
- A Freedom of Information (FOI) request was submitted to the Ministry of the Environment, Conservation and Parks (Ministry). A copy of the FOI request is included in Appendix B.
- A request was submitted to the Technical Standards and Safety Authority (TSSA) for available records regarding underground or aboveground storage tanks (USTs or ASTs) at the Site. A copy of the TSSA response is included in Appendix B.
- Cambium contracted ERIS to provide a Database Report for the Site (ERIS, 2021). ERIS is a private environmental database and information service company. The ERIS report summarizes the findings of a search of various federal, provincial, and private source databases for the Site and properties within a search radius of 250 m from the centre of the Site. This search radius was chosen to ensure that all parts of the adjacent properties were included in the database search. A copy of the ERIS report is provided in Appendix C.
- A request was submitted to Opta Information Intelligence (Opta) for available Fire Insurance Plans (FIPs), Insurance Inspection Reports, and Site Plans pertaining to the Site. A copy of the Opta report is included in Appendix D.



- The *Waste Disposal Site Inventory* (MOE, 1991) was reviewed to identify waste disposal sites within 1,000 m of the Site.
- The *Inventory of Industrial Facilities Producing or Using Coal Tar or Related Tars in Ontario* (MOE, 1988a) was reviewed to identify facilities that produced or used coal or related tars within 1,000 m of the Site.
- The *Inventory of Coal Gasification Plant Waste Sites in Ontario* (MOE, 1988b) was reviewed to identify coal gasification plant waste sites within 1,000 m of the Site.
- Previous environmental reports pertaining to the Site were requested from the Client.

3.2 Site Visit

A site visit was conducted on July 19, 2021 to observe the Site and adjacent properties (from the Site as well as nearby publicly accessible areas) to identify actual and potential on-site and off-site sources of environmental contamination. The site visit was used to identify the following, if present:

- Areas of surface staining or stressed vegetation
- Areas with fill and/or debris
- The location, contents, construction details, and volumes of ASTs and USTs, and drums, totes, bins, or other containers
- Potable or non-potable water sources, including current and/or historical water sources
- Current and historical sewage works, including locations
- Wastewater discharge points
- Water bodies and intermittent ditches
- Ground cover and surface materials
- Below ground access points (e.g., manholes)
- Location of current or historical railway lines or spurs
- Unidentified substances, staining, or corrosion observed at the Site, including within buildings and/or structures



- Existing structures to obtain a general description of the structures, including the number, age, and height of all buildings
- Improvements to the building(s) and/or structures at the Site
- Entries and exits to the buildings and structures
- Heating and cooling systems of each building and/or structure
- Drains, pits, and sumps, including documenting the purpose and use

Additionally, the following aspects were discussed and identified, if applicable:

- Hazardous materials currently and historically stored at the Site
- By-products and/or wastes of the current or historical operations at the Site
- Raw materials currently or historically stored/handled at the Site
- Oil/water separators and/or hydraulic lift equipment (e.g., elevators, in-ground hoists, and loading docks), if any, at the Site
- Vehicle or equipment maintenance areas
- Spills or releases of materials, including dates, locations, materials involved, and volumes

3.3 Site Interviews

In an effort to obtain further information regarding the site use, occupancy history, and environmental conditions at the Site, interviews are conducted with persons knowledgeable of the Site. This may include current occupants and/or owners of the Site, or an individual with control of the Site or authority to act on behalf of the owner; previous owners and/or occupants; and/or, where the owner/occupant is not available, at least one owner or occupant of an adjacent property and one provincial or municipal government official, both of whom should be familiar with the Site.



4.0 Phase I ESA Findings

4.1 Records Review

Information obtained from the documents summarized in Section 3.1 is discussed below.

4.1.1 Miscellaneous Document Review

The following information was obtained from the documents collected as part of the records review:

- A topographic map (MNRF, 2021) of the study area provided information regarding the regional topography, inferred groundwater flow direction, surface water drainage, and general development in the area surrounding the Site. Refer to Figure 1.
 - The ground surface at the Site slopes down to the east, west and south.
 - Surface water drainage at the Site is expected to infiltrate the ground surface.
 - Regional surface water drainage is expected to flow overland to the north towards Cavan Creek about 1.4 km north to northeast of the Site and east toward Otonabee River about 2.7 m east of the Site.
 - Based on the topography and proximity to Otonabee River, the inferred shallow groundwater is easterly.
- A Natural Heritage Areas map (MNRF, 2021b) and the City of Peterborough Official Plan (Peterborough, 2021) were reviewed. A provincially significant wetland was identified in the southeast portion of the 1683 Moore Drive parcel and to the south of the Site (Cavan Creek Wetland). No other Ministry of Natural Resources heritage sites, areas of natural and scientific interest, or environmentally significant/sensitive areas were identified within 250 m of the Site. In addition, the Site did not include an area designated as an escarpment natural area or an escarpment protection area by the Niagara Escarpment Plan, or property within an area designated as a natural core area or natural linkage area within the area to which the Oak Ridges Moraine Conservation Plan applies.



- Physiography of Southern Ontario mapping (Chapman & Putnam, 2007) indicates that the Site is within the Peterborough Drumlin Field physiographic region, characterized by drumlinized till plains.
- Overburden in the north central portion of the Site is mapped as stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain (OGS, 2010) surrounded by clay, silt, sand, gravel, may contain organic remains (OGS, 2010), with sand, gravel, minor silt and clay foreshore and basal deposits at the eastern, southern, and western extents of the Site (OGS, 2010)
- Bedrock is mapped as limestone and shale of the Verulam Formation in the east portion of the Site (OGS, 2007) and limestone of the Lindsay Formation in the west portion of the Site (OGS, 2007)
- In the 1951 aerial image, the site has been developed with the residential homes located at 1490 County Road 28 and 1683 Moore Drive. The surrounding properties are used for agricultural purposes. A detailed review of aerial imagery is presented in Appendix E.
- Review of the *Waste Disposal Site Inventory* (MOE, 1991) did not identify waste disposal sites within 1,000 m of the Site.
- Review of the *Inventory of Industrial Facilities Producing or Using Coal Tar or Related Tars in Ontario* (MOE, 1988a) did not identify industrial facilities that produced or used coal tar or related tars within 1,000 m of the Site.
- Review of the *Inventory of Coal Gasification Plant Waste Sites in Ontario* (MOE, 1988b) did not identify coal gasification plant waste sites within 1,000 m of the Site.
- A Fire Insurance Plan (FIP) search conducted by Opta indicated there were not records for the Site or surrounding properties.

4.1.2 Regulatory Records Review

Responses to FOI requests to regulatory bodies are summarized below. Copies of the FOI requests and responses are included in Appendix B.



A response from the Ministry was not received prior to completion of this report. The FOI response will be provided under separate cover if it changes the findings of the Phase I ESA.

A response received from the TSSA did not identify any records associated with the Site. Four active listings were identified for 1315 County Road 28 for two underground tanks. This property is about 1 km to the south and down-gradient from the Site. Based on distance from the Site, direction of inferred groundwater flow, this property does not pose an environmental concern for the Site.

The ERIS report did not contain any listings for the Site, and the no pertinent off-site listings for neighbouring properties. A copy of the ERIS report is provided in Appendix C.

Other ERIS Listings

The ERIS report also contained additional off-site listings in various databases. Review of these records indicated the data was for properties not in close proximity to the Site or was not environmentally significant.

Several unplotable records were identified in the ERIS report. A review of these records did not identify additional environmental concerns for the Site.

4.2 Site Visit

Mr. David Fleming, B.Sc., conducted a site visit on July 19, 2021.

The weather during the site visit was warm and clear, and weather conditions did not impede the assessment. A photographic record of the site visit is presented in Appendix A. The site visit findings are described below.

4.2.1 Buildings and Site Usage

The Site is occupied by residential dwellings located at 1490 County Road 28, and 1683 Moore Drive, originally constructed prior to 1951. Access to the Site is from County Road 28 and Moore Drive using driveways associated with the residential dwellings. Landscaped areas are present surrounding the dwellings while the majority of the Site is used for agricultural purposes or vacant grasslands.



4.2.2 Storage Tanks

A 2,200 L dyed diesel AST was observed at 1490 County Road 28 on the east side of an outbuilding with a collapsed roof. The tank was in good condition, and no visible evidence of spills (i.e., staining) was observed on the ground surface in the vicinity of the AST. Secondary containment was not present beneath the tank.

A disused AST was observed at 1683 Moore Drive on the west side of the driveway near the house. Surficial rust was present on the majority of the AST with no label present. No visible evidence of spills (i.e., staining) was observed on the ground surface in the vicinity of the AST. Secondary containment was not present beneath the tank.

No evidence of USTs (e.g., fill/vent pipes or concrete/asphalt patches) was observed during the site visit.

The building at 1490 County Road 28 is heated by natural gas and 1683 Moore Drive is heated by propane and no backup generators are present on the Site.

No evidence of fuel oil USTs was found by our inspection or interviews, but USTs cannot be entirely ruled out. Further investigation in the absence of indicators is not cost-effective. It is generally best to deal with possible fuel oil USTs, if they are encountered, during excavation or site preparation.

Cambium's presence/absence assessment of storage tanks was based on visual observations, review of available historical mapping (e.g., FIPs), and information available from relevant regulatory agencies (e.g., the TSSA). Visual observation may not identify storage tanks that may have been present historically or that currently exist without documentation.

4.2.3 Materials and Storage

Significant quantities of chemicals or materials storage were not observed on the Site.

4.2.4 Oil/Water Separators

No oil/water separators were observed during the site visit.



4.2.5 Vehicle and Equipment Maintenance

No vehicle or equipment maintenance was observed during the site visit.

4.2.6 Waste – Solid, Liquid, or Hazardous/Industrial

Domestic waste is stored in on-site containers and is picked-up regularly for disposal. No hazardous waste is generated on the Site.

4.2.7 Sumps, Drains, Pits, and Lagoons

No sumps, drains, pits, or lagoons were observed during the site visit.

4.2.8 Spills

No spills were observed or reported during the site visit.

4.2.9 Stains

No significant staining was observed during the site visit.

4.2.10 Fill

No significant amount of fill is expected or reported to have been imported to the Site. The surface elevation at the Site is similar to the surrounding properties.

4.2.11 Air Emissions

There was no evidence of sources of process-related air emissions at the Site.

4.2.12 Special Attention Items

4.2.12.1 Polychlorinated Biphenyls

No records of PCBs were identified at the Site in the ERIS report.



4.2.12.2 Asbestos

No evidence of asbestos was observed or reported at the Site; however, based on the age (over 70 years) of the buildings, it is possible that asbestos-containing materials (ACM) are present in building materials.

4.2.12.3 Lead

Based on the age (over 70 years) of the buildings, there is potential for the presence of lead in originally painted surfaces.

4.2.12.4 Microbial Contamination and Mould

No evidence of mould (e.g., odour or surficial mould) was observed during the site visit.

4.2.12.5 Ozone Depleting Substances

Ozone depleting substances may be present as R22 refrigerant in roof top heating, ventilation, and air conditioning units. No service contractor was identified for the Site.

No evidence of ozone depleting substances was observed at the Site with the possible exception of refrigerants in on-site refrigerators, fire extinguishers, and portable air-conditioning units.

4.2.12.6 Urea Formaldehyde Foam Insulation

No evidence of urea formaldehyde foam insulation (UFFI) was observed during the site visit; however, based on the age (over 70 years) of the buildings, it is possible that UFFI is within building cavities. The use of UFFI was banned in Canada in 1980.

4.2.12.7 Radon, Noise, Electric and Magnetic Fields, and Vibration

Radon is a colourless, odourless, and tasteless gas formed by the natural breakdown of uranium in soil, rocks and water. Based on a review of the Radon Potential Map of Ontario (REMC, 2013), the Site is within Zone 1 for radon potential. Zone 1 depicts geologic conditions



where higher radon concentrations might be found when compared to Zones 2 or 3. Actual radon concentrations can only be determined using an on-site test.

A review of testing completed in residential homes by the Peterborough Region health unit indicated the risk of radon concentrations in Peterborough is low. Only 8.9% of 113 residences tested in Peterborough had radon at levels exceeding the Canadian standard of 200 Bq/m³ (Carex, 2019).

No significant sources of noise, electric or magnetic fields, or vibration were observed during the site visit.

4.2.13 Pesticides and Herbicides

No pesticides or insecticides were observed during the site visit.

4.2.14 Potable Water Supply

The Site is supplied with potable water from on-site drinking water wells at 1490 County Road 28 and 1683 Moore Drive.

4.2.15 Septic Fields

The Site is serviced by on-site septic systems at 1490 County Road 28 and 1683 Moore Drive.

4.2.16 Environmental Monitoring

No evidence of previous environmental monitoring (e.g., groundwater monitoring wells) was observed or reported during the site visit.

4.2.17 Stressed Vegetation

There was no evidence of stressed vegetation or differential plant growth observed during the site visit.



4.2.18 Fires

There was no evidence of historical fires observed during the site visit. A burn pit was observed to the south of the home at 1683 Moore Drive.

4.2.19 Odours

No strong, pungent, or noxious odours were observed during the site visit.

4.2.20 Unidentified Substances

No unidentified substances were observed or reported during the site visit.

4.2.21 Adjacent Land Uses

The properties within 100 m surrounding the Site are utilized for agricultural or residential purposes, with County Road 28 bordering the Site to the East and Moore Drive to the north. No significant environmental concerns are expected associated with the current and former uses of the adjacent properties.

Adjacent property uses include:

North – Moore Drive, agricultural beyond

South – Commercial, 1480 County Road 28 (Kawartha Downs and Speedway), provincially significant wetland

East – County Road 28, rural residential beyond

West – Agricultural

4.3 Interviews

Cambium interviewed Mr. Peter Larush, ground crew, at Kawartha Downs and Speedway, the adjacent property to the south. Mr. Larush has been employed at the Kawartha Downs and Speedway property for about 3 years. The residents at 1490 County Road 28 and 1683 Moore Drive were not available at the time of the Site inspection for interview. Information obtained during the interview is incorporated throughout Section 4.0.



5.0 Environmental Concerns

Based on the findings of the records review and site visit, the following sources of environmental concern were identified.

On-Site

- Gasoline/diesel AST at 1490 County Road 28
- Historical AST at 1683 Moore Drive
- Potential use of organochlorine pesticides on crops
- Burn area at 1683 Moore Drive

Off-site sources of environmental concern were identified related to fuel drum storage, ASTs, generator, and transformer station. However, the location of these concerns on the adjacent property is about 200 m south of the Site and down-gradient to cross-gradient with respect to the inferred groundwater flow direction. As such, these sources are not considered a potential environmental concern for the Site.



6.0 Conclusions and Recommendations

Conclusions and recommendations regarding the current environmental conditions at the Site were based solely on the results from the document review, regulatory records review, and site visit.

The Phase I ESA identified evidence of environmental concerns associated with the Site; therefore, Cambium recommends a Phase II ESA to evaluate soil and groundwater quality at the Site.

Due to the age of the building and the potential for designated substances (e.g., asbestos, lead), a designated substance survey should be completed prior to renovation or demolition of the site building.

A response to an FOI request to the Ministry was not received prior to completion of the report. The response will be provided under separate cover if it changes the findings of the Phase I ESA.



7.0 Qualifications of the Assessor

This Phase I ESA was completed by Brad Sawdon, P.Geo., as per CSA Standard Z768-01. Credentials are presented in Appendix F. Information presented in this report is true and accurate to the best of the assessors' knowledge.

Respectfully submitted,

Cambium Inc.

David Fleming, B.Sc.,
Senior Technologist

Brad Sawdon, P.Geo.
Senior Project Manager

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Phase I ESA - 1490 CR28 & 1683 Moore Dr.docx



8.0 Cambium Qualifications and Limitations

Limited Warranty

In performing work on behalf of a client, Cambium relies on its client to provide instructions on the scope of its retainer and, on that basis, Cambium determines the precise nature of the work to be performed. Cambium undertakes all work in accordance with applicable accepted industry practices and standards. Unless required under local laws, other than as expressly stated herein, no other warranties or conditions, either expressed or implied, are made regarding the services, work or reports provided.

Reliance on Materials and Information

The findings and results presented in reports prepared by Cambium are based on the materials and information provided by the client to Cambium and on the facts, conditions and circumstances encountered by Cambium during the performance of the work requested by the client. In formulating its findings and results into a report, Cambium assumes that the information and materials provided by the client or obtained by Cambium from the client or otherwise are factual, accurate and represent a true depiction of the circumstances that exist. Cambium relies on its client to inform Cambium if there are changes to any such information and materials. Cambium does not review, analyze or attempt to verify the accuracy or completeness of the information or materials provided, or circumstances encountered, other than in accordance with applicable accepted industry practice. Cambium will not be responsible for matters arising from incomplete, incorrect or misleading information or from facts or circumstances that are not fully disclosed to or that are concealed from Cambium during the provision of services, work or reports.

Facts, conditions, information and circumstances may vary with time and locations and Cambium's work is based on a review of such matters as they existed at the particular time and location indicated in its reports. No assurance is made by Cambium that the facts, conditions, information, circumstances or any underlying assumptions made by Cambium in connection with the work performed will not change after the work is completed and a report is submitted. If any such changes occur or additional information is obtained, Cambium should be advised and requested to consider if the changes or additional information affect its findings or results.

When preparing reports, Cambium considers applicable legislation, regulations, governmental guidelines and policies to the extent they are within its knowledge, but Cambium is not qualified to advise with respect to legal matters. The presentation of information regarding applicable legislation, regulations, governmental guidelines and policies is for information only and is not intended to and should not be interpreted as constituting a legal opinion concerning the work completed or conditions outlined in a report. All legal matters should be reviewed and considered by an appropriately qualified legal practitioner.

Site Assessments

A site assessment is created using data and information collected during the investigation of a site and based on conditions encountered at the time and particular locations at which fieldwork is conducted. The information, sample results and data collected represent the conditions only at the specific times at which and at those specific locations from which the information, samples and data were obtained and the information, sample results and data may vary at other locations and times. To the extent that Cambium's work or report considers any locations or times other than those from which information, sample results and data was specifically received, the work or report is based on a reasonable extrapolation from such information, sample results and data but the actual conditions encountered may vary from those extrapolations.

Only conditions at the site and locations chosen for study by the client are evaluated; no adjacent or other properties are evaluated unless specifically requested by the client. Any physical or other aspects of the site chosen for study by the client, or any other matter not specifically addressed in a report prepared by Cambium, are beyond the scope of the work performed by Cambium and such matters have not been investigated or addressed.

Reliance

Cambium's services, work and reports may be relied on by the client and its corporate directors and officers, employees, and professional advisors. Cambium is not responsible for the use of its work or reports by any other party, or for the reliance on, or for any decision which is made by any party using the services or work performed by or a report prepared by Cambium without Cambium's express written consent. Any party that relies on services or work performed by Cambium or a report prepared by Cambium without Cambium's express written consent, does so at its own risk. No report of Cambium may be disclosed or referred to in any public document without Cambium's express prior written consent. Cambium specifically disclaims any liability or responsibility to any such party for any loss, damage, expense, fine, penalty or other such thing which may arise or result from the use of any information, recommendation or other matter arising from the services, work or reports provided by Cambium.

Limitation of Liability

Potential liability to the client arising out of the report is limited to the amount of Cambium's professional liability insurance coverage. Cambium shall only be liable for direct damages to the extent caused by Cambium's negligence and/or breach of contract. Cambium shall not be liable for consequential damages.

Personal Liability

The client expressly agrees that Cambium employees shall have no personal liability to the client with respect to a claim, whether in contract, tort and/or other cause of action in law. Furthermore, the client agrees that it will bring no proceedings nor take any action in any court of law against Cambium employees in their personal capacity.

9.0 References

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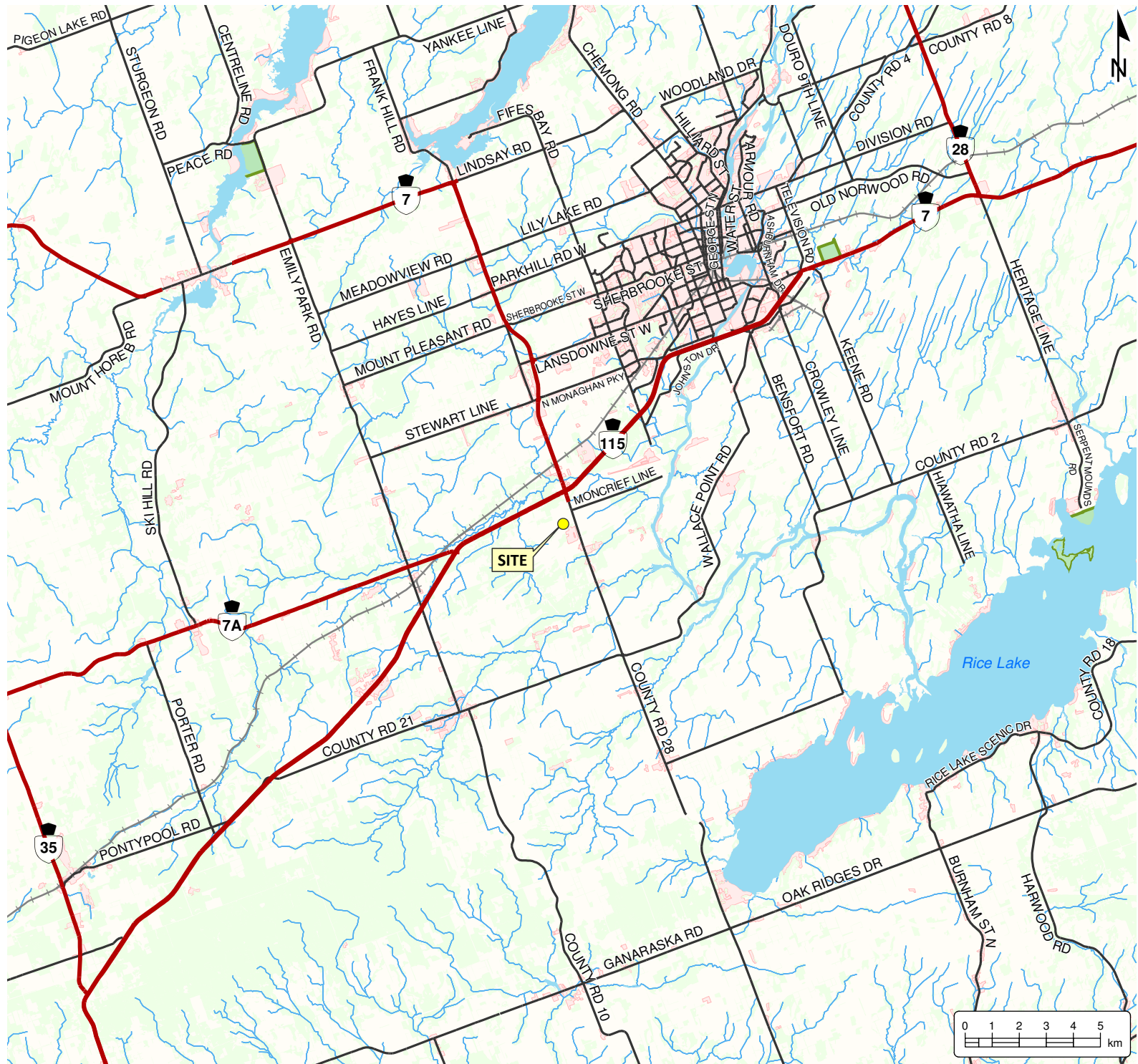
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Figures

O:\GIS\MXDs\12500-12599\12579-002 RIC (KOL) Inc. - Phase I & II ESA - Kawartha Downs\2021-07-27 1683 Moore Dr.FIG 1 - Site Location Map.mxd



PHASE I ENVIRONMENTAL SITE ASSESSMENT

RIC (MOORE DRIVE) INC. &
RIC (HIGHWAY 28) INC.
1683 Moore Drive & 1490 County Road 28,
Fraserville, Ontario

LEGEND

- Highway
- Major Road
- Railroad
- Watercourse
- Water Area
- Provincial Park
- Wooded Area
- Built Up Area

Notes:
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- Distances on this plan are in metres and can be converted to feet by dividing by 0.3048.
- Cambium Inc. makes every effort to ensure this map is free from errors but cannot be held responsible for any damages due to error or omissions. This map should not be used for navigation or legal purposes. It is intended for general reference use only.

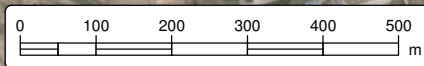


194 Sophia Street
Peterborough, Ontario, K9H 1E5
Tel: (705) 742.7900 Fax: (705) 742.7907
www.cambium-inc.com

SITE LOCATION MAP

Project No.:	12579-002	Date:	July 2021
Scale:	1:200,000	Rev.:	
Created by:	MAT	Projection:	NAD 1983 UTM Zone 17N
Checked by:	BATS	Figure:	1

O:\GIS\MXDs\12500-12599\12579-002 RIC (KOL) Inc. - Phase I & II ESA - Kawartha Downs\2021-07-27 1683 Moore Dr FIG 2 - Site Plan and Surrounding Land Use.mxd



PHASE I ENVIRONMENTAL SITE ASSESSMENT

RIC (MOORE DRIVE) INC. &
RIC (HIGHWAY 28) INC.
1683 Moore Drive & 1490 County Road 28,
Fraserville, Ontario

LEGEND

Site (approximate)

LAND USE

Notes:
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SITE PLAN AND SURROUNDING LAND USE

Project No.:	12579-002	Date:	July 2021
Scale:	1:10,000	Rev.:	
Created by:	MAT	Checked by:	BATS
Figure:	2		



PHASE I ENVIRONMENTAL SITE ASSESSMENT

RIC (MOORE DRIVE) INC. &
RIC (HIGHWAY 28) INC.
1683 Moore Drive & 1490 County Road 28,
Fraserville, Ontario

LEGEND

Site (approximate)

Notes:
- Imagery was obtained from the National Air Photo Library of Canada.
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www.cambium-inc.com

1959 AERIAL IMAGERY

Project No.:	12579-002	Date:	July 2021
Scale:	1:7,000	Rev.:	
Created by:	MAT	Projection:	NAD 1983 UTM Zone 17N
Checked by:	BATS	Figure:	3



PHASE I ENVIRONMENTAL SITE ASSESSMENT

RIC (MOORE DRIVE) INC. &
RIC (HIGHWAY 28) INC.
1683 Moore Drive & 1490 County Road 28,
Fraserville, Ontario

LEGEND

Site (approximate)

Notes:
- Imagery was obtained from the National Air Photo Library of Canada.
- Base mapping features are © Queen's Printer of Ontario, 2019 (this does not constitute an endorsement by the Ministry of Natural Resources or the Ontario Government).
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1981 AERIAL IMAGERY

Project No.: 12579-002	Date: July 2021
Scale: 1:7,000	Rev.: NAD 1983 UTM Zone 17N
Created by: MAT	Checked by: BATS
Figure: 4	



PHASE I ENVIRONMENTAL SITE ASSESSMENT

RIC (MOORE DRIVE) INC. &
RIC (HIGHWAY 28) INC.
1683 Moore Drive & 1409 County Road 28
Fraserville, Ontario

LEGEND

Site (approximate)

Notes:
- Imagery was obtained from Peterborough County online GIS database.
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- Distances on this plan are in metres and can be converted to feet by dividing by 0.3048.
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2008 AERIAL IMAGERY

Project No.:	12579-002	Date:	July 2021
Scale:	1:7,000	Rev.:	
Created by:	MAT	Projection:	NAD 1983 UTM Zone 17N
Checked by:	BATS	Figure:	5



PHASE I ENVIRONMENTAL SITE ASSESSMENT

RIC (MOORE DRIVE) INC. &
RIC (HIGHWAY 28) INC.
1683 Moore Drive & 1490 County Road 28
Fraserville, Ontario

LEGEND

Site (approximate)

Notes:
- Base mapping features are © Queen's Printer of Ontario, 2019 (this does not constitute an endorsement by the Ministry of Natural Resources or the Ontario Government).
- Distances on this plan are in metres and can be converted to feet by dividing by 0.3048.
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2020 AERIAL IMAGERY

Project No.:	12579-002	Date:	July 2021
Scale:	1:7,000	Rev.:	
Created by:	MAT	Checked by:	BATS
Figure:	6		



Appendix A

Photographs



Photo 1 1490 County Road 28 from roadway, dyed diesel AST visible at barn, July 2021.



Photo 2 1490 County Road 28 dyed diesel AST, July 2021.



Photo 3 Agricultural field south of 1490 County Road 28, July 2021.



Photo 4 Agricultural fields west of 1683 Moore Drive, July 2021.



Photo 5 Vacant land south of 1490 County Road 28, July 2021.



Photo 6 Agricultural fields west of 1683 Moore Drive, July 2021.



Photo 7 Moore Drive facing east, July 2021.



Photo 8 1683 Moore Drive, July 2021.



Photo 9 1683 Moore Drive disused AST, July 2021.



Photo 10 1683 Moore Drive, burn pile, July 2021.



Appendix B

Freedom of Information Requests

David Fleming

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: Thursday, July 15, 2021 10:10 AM
To: David Fleming
Subject: RE: Information Request - Fuel Storage Tanks (12579-002)

Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

RECORD FOUND

Hello David,

Thank you for your request for confirmation of public information.

- We confirm that there are records in our database of fuel storage tanks at the subject address(es).

INSTANCE NUMBER	ADDRESS	CITY	PROVINCE	POSTAL CODE	STATUS	FACILITY/
50380069	1315 COUNTY RD 28	FRASERVILLE	ON	K0L 1V0	ACTIVE	FS GASOLI
50510692	1315 COUNTY RD 28	FRASERVILLE	ON	K0L 1V0	ACTIVE	FS LIQUID
50510693	1315 COUNTY RD 28	FRASERVILLE	ON	K0L 1V0	ACTIVE	FS LIQUID
52896780	1315 COUNTY RD 28	FRASERVILLE	ON	K0L 1V0	ACTIVE	FS CYLIND

For a further search in our archives please complete our release of public information form found at <https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?mid=392> and email the completed form to publicinformationsservices@tssa.org along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,



Connie Hill | Public Information Agent

Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3383 | Fax: +1-416-231-6183 | E-Mail: chill@tssa.org
www.tssa.org



From: David Fleming <David.Fleming@cambium-inc.com>
Sent: July 14, 2021 11:37 AM
To: Public Information Services <publicinformationsservices@tssa.org>

Cc: Cambium File <file@cambium-inc.com>

Subject: Information Request - Fuel Storage Tanks (12579-002)

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good morning,

Could you please complete a search for fuel storage tank records at the following municipal addresses?

1. 1832 County Road 28, Cavan Monaghan
2. 1437 County Road 28, Cavan Monaghan
3. 1331 County Road 28, Cavan Monaghan
4. 1748 Syer Line, Cavan Monaghan
5. 1734 Syer Line, Cavan Monaghan
6. 1315 County Road 28, Otonabee-South Monaghan
7. 7 Whitfield Road, Otonabee-South Monaghan
8. 1322 County Road 28, Cavan Monaghan
9. 1316 County Road 28, Cavan Monaghan
10. 1690 Syer Line, Cavan Monaghan

Thank-you



David Fleming, B.Sc., Dipl.
Senior Technologist

Cambium Inc. - Peterborough

Environmental | Building Sciences | Geotechnical | Construction Monitoring
p: 705.742.7900 | **c:** 705.559.0208 | **toll:** 866.217.7900 | **w:** cambium-inc.com

Under modified work conditions in response to the current pandemic and government directives, Cambium continues to provide the professional services you have come to expect to guide good decisions. The well-being and safety of our teams, clients, and communities are a top priority. We ask for your patience and look forward to working together as we evolve into the "new normal". Stay safe. Better days are ahead.

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Check out our [video](#) - an inside look at Cambium's culture & career opportunities.

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Freedom of Information and
Protection of Privacy Office
40 St. Clair Avenue West, 12th Floor
Toronto ON M4V 1M2
Telephone 416 314-4075

Instructions

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Our fax number is 416 314-4285.

For Ministry Use Only

FOI Request Number	Date Request Received (yyyy/mm/dd)
Fee Paid	<input type="checkbox"/> Cheque <input type="checkbox"/> VISA/MC <input type="checkbox"/> Cash/Money Order
<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SCB <input type="checkbox"/> SDW	

1. Requester Data

Last Name David	First Name Fleming	Middle Initial
Title Senior Technologist	Company Name Cambium Inc.	
Mailing Address		
Unit Number	Street Number 52	Street Name Hunter St E
City/Town Peterborough	Province Ontario	Postal Code K9H 1G5
Email Address david.fleming@cambium-inc.com	Telephone Number 705 742-7900 ext.	Fax Number 705 742-7907
Project/Reference Number 12579-002	Signature of Requester 	

2. Request Parameters

Municipal Address (Municipal address mandatory for cities, towns or regions)

Unit Number	Street Number 1382	Street Name County Road 28	PO Box
Lot Number	Concession	Geographic Township	
City/Town/Village Fraserville	Province Ontario	Postal Code	

Present Property

1. Owner Kawartha Downs and Speedway	Date of Ownership (yyyy/mm/dd)
Tenant (if applicable)	
<div>Add Present Owner (+)</div> <div>Delete</div>	

Previous Property

1. Owner	Date of Ownership (yyyy/mm/dd)
Tenant (if applicable)	
<div>Add Previous Owner (+)</div> <div>Delete</div>	

3. Search Parameters

Search Parameters	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	All
Orders	All
Spills	All
Investigations/prosecutions ► Owner and tenant information must be provided	All
Waste Generator number/classes	All

Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.

4. Environmental Compliance Approvals/Certificates of Approval

Environmental Compliance Approvals/Certificates of Approval	SD	Specify Year(s) Requested
air - emissions	<input type="checkbox"/>	None
renewable energy	<input checked="" type="checkbox"/>	All
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	<input checked="" type="checkbox"/>	All
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	<input checked="" type="checkbox"/>	All
waste water - industrial discharge	<input checked="" type="checkbox"/>	All
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites	<input checked="" type="checkbox"/>	All
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	<input checked="" type="checkbox"/>	All

Proponent information must be provided and Environmental Compliance Approval/Certificate of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of \$300.00 may be incurred, depending on the types and years to be searched. Specify Approval number(s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.

[Print Form](#)[Clear Form](#)



Appendix C

ERIS Report



DATABASE REPORT

Project Property:	<i>Phase I ESA - Kawartha Downs 1382 County Rd 28 Fraserville ON K0L 1V0</i>
Project No:	<i>12579-001</i>
Report Type:	<i>Standard Report</i>
Order No:	<i>21071400031</i>
Requested by:	<i>Cambium Inc.</i>
Date Completed:	<i>July 19, 2021</i>

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property: *Phase I ESA - Kawartha Downs
1382 County Rd 28 Fraserville ON K0L 1V0*

Project No: *12579-001*

Coordinates:

Latitude: *44.207953*
Longitude: *-78.388887*
UTM Northing: *4,898,285.77*
UTM Easting: *708,613.19*
UTM Zone: *17T*

Elevation: *648 FT
197.53 M*

Order Information:

Order No: *21071400031*
Date Requested: *July 14, 2021*
Requested by: *Cambium Inc.*
Report Type: *Standard Report*

Historical/Products:

Insurance Products *Fire Insurance Maps/Inspection Reports/Site Plans*

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	6	0	6
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	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	9	0	9
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	0	0
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	17	10	27
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
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
NPRI	<i>National Pollutant Release Inventory</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
PINC	<i>Pipeline Incidents</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	0	0
SPL	<i>Ontario Spills</i>	Y	4	0	4
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	0	0
		Total:	36	10	46

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<u>1</u>	CA		1382 (911) County Road 28 Cavan-Millbrook-North Monaghan ON	NNW/52.1	0.36	<u>18</u>
<u>1</u>	CA		1382 (911) County Road 28 Cavan-Millbrook-North Monaghan ON	NNW/52.1	0.36	<u>18</u>
<u>1</u>	GEN	KAWARTHA DOWNS LTD.	LOT 23, CONCESSION 8 1382 HWY 28 S CAVAN-MILLBROOK-NORTH MONAGHAN ON	NNW/52.1	0.36	<u>18</u>
<u>1</u>	SPL	Kawartha Downs Limited	1382 County Road 28 Lot 23, Concession 8, geographic township of Cavan Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW/52.1	0.36	<u>19</u>
<u>1</u>	CA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON	NNW/52.1	0.36	<u>19</u>
<u>1</u>	CA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON	NNW/52.1	0.36	<u>20</u>
<u>1</u>	CA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON	NNW/52.1	0.36	<u>20</u>
<u>1</u>	CA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON	NNW/52.1	0.36	<u>20</u>
<u>1</u>	GEN	Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW/52.1	0.36	<u>21</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	GEN	KAWARTHA DOWNS LTD.	LOT 23, CONCESSION 8 1382 HWY 28 S CAVAN-MILLBROOK-NORTH MONAGHAN ON	NNW/52.1	0.36	<u>21</u>
<u>1</u>	GEN	KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON	NNW/52.1	0.36	<u>21</u>
<u>1</u>	GEN	Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW/52.1	0.36	<u>22</u>
<u>1</u>	GEN	Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW/52.1	0.36	<u>22</u>
<u>1</u>	GEN	KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON	NNW/52.1	0.36	<u>22</u>
<u>1</u>	GEN	KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON	NNW/52.1	0.36	<u>23</u>
<u>1</u>	GEN	Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON	NNW/52.1	0.36	<u>23</u>
<u>1</u>	SPL	Kawartha Downs Limited	1382 County Road 28 Lot 23 Concession 8 geographic township of Cavan Cavan Monaghan ON K0L 1V0	NNW/52.1	0.36	<u>24</u>
<u>1</u>	SPL	Kawartha Downs Limited	1382 County Road 28 Lot 23 Concession 8 geographic township of Cavan Cavan Monaghan ON K0L 1V0	NNW/52.1	0.36	<u>24</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	ECA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW/52.1	0.36	<u>25</u>
<u>1</u>	ECA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW/52.1	0.36	<u>25</u>
<u>1</u>	ECA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW/52.1	0.36	<u>25</u>
<u>1</u>	ECA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW/52.1	0.36	<u>26</u>
<u>1</u>	ECA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW/52.1	0.36	<u>26</u>
<u>1</u>	ECA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW/52.1	0.36	<u>26</u>
<u>1</u>	ECA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW/52.1	0.36	<u>26</u>
<u>1</u>	ECA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW/52.1	0.36	<u>27</u>
<u>1</u>	ECA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW/52.1	0.36	<u>27</u>
<u>1</u>	GEN	Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW/52.1	0.36	<u>27</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	GEN	KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON K0L 1V0	NNW/52.1	0.36	28
1	GEN	KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON K0L 1V0	NNW/52.1	0.36	28
1	GEN	Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW/52.1	0.36	29
1	GEN	KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON K0L 1V0	NNW/52.1	0.36	29
1	GEN	KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON K0L 1V0	NNW/52.1	0.36	29
1	SPL	Kawartha Downs Limited	1382 County Road 28 Lot 23 Concession 8 geographic township of Cavan Cavan Monaghan ON K0L 1V0	NNW/52.1	0.36	30
1	GEN	RIC (KDL) INC	1382 County Road 28 1382 County Road 28 FRASERVILLE ON K0L 1V0	NNW/52.1	0.36	30
1	GEN	RIC (KDL) INC	1382 County Road 28 1382 County Road 28 FRASERVILLE ON K0L 1V0	NNW/52.1	0.36	31

Executive Summary: Site Report Summary - Surrounding Properties

<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	GEN	GFE Inc.	1360 County Road 28 Fraserville ON K0L 1V0	SSE/119.8	0.31	31

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 6 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1382 (911) County Road 28 Cavan-Millbrook-North Monaghan ON	NNW	52.14	<u>1</u>
	1382 (911) County Road 28 Cavan-Millbrook-North Monaghan ON	NNW	52.14	<u>1</u>
Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON	NNW	52.14	<u>1</u>
Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON	NNW	52.14	<u>1</u>
Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON	NNW	52.14	<u>1</u>
Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON	NNW	52.14	<u>1</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- May 31, 2021 has found that there are 9 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW	52.14	<u>1</u>
Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW	52.14	<u>1</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW	52.14	<u>1</u>
Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW	52.14	<u>1</u>
Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW	52.14	<u>1</u>
Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW	52.14	<u>1</u>
Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW	52.14	<u>1</u>
Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW	52.14	<u>1</u>
Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW	52.14	<u>1</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 18 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON	NNW	52.14	<u>1</u>
RIC (KDL) INC	1382 County Road 28 1382 County Road 28 FRASERVILLE ON K0L 1V0	NNW	52.14	<u>1</u>
KAWARTHA DOWNS LTD.	LOT 23, CONCESSION 8 1382 HWY 28 S CAVAN-MILLBROOK-NORTH MONAGHAN ON	NNW	52.14	<u>1</u>

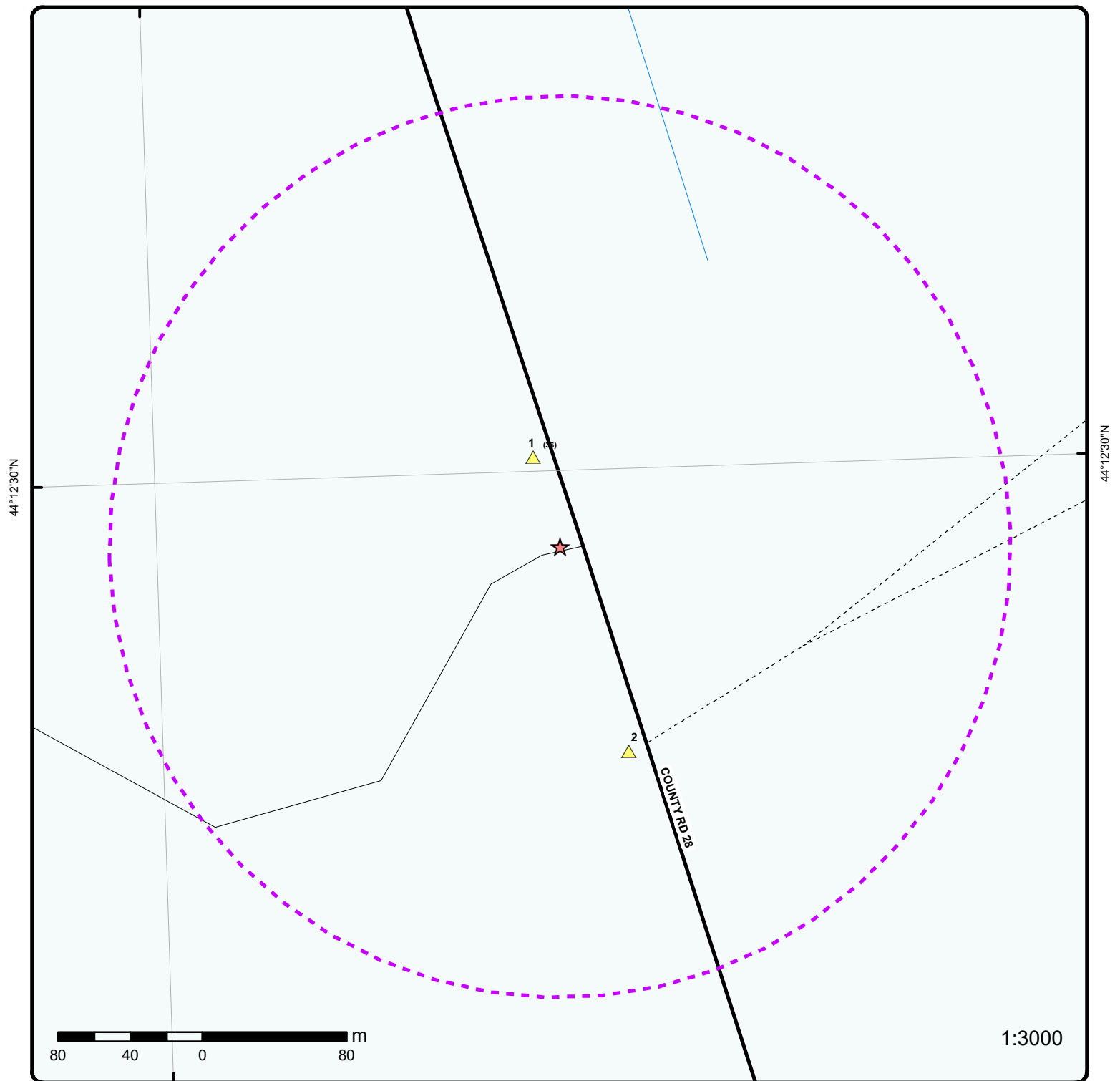
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW	52.14	<u>1</u>
KAWARTHA DOWNS LTD.	LOT 23, CONCESSION 8 1382 HWY 28 S CAVAN-MILLBROOK-NORTH MONAGHAN ON	NNW	52.14	<u>1</u>
KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON K0L 1V0	NNW	52.14	<u>1</u>
KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON K0L 1V0	NNW	52.14	<u>1</u>
Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW	52.14	<u>1</u>
KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON K0L 1V0	NNW	52.14	<u>1</u>
KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON K0L 1V0	NNW	52.14	<u>1</u>
RIC (KDL) INC	1382 County Road 28 1382 County Road 28 FRASERVILLE ON K0L 1V0	NNW	52.14	<u>1</u>
Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW	52.14	<u>1</u>
KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON	NNW	52.14	<u>1</u>
KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON	NNW	52.14	<u>1</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW	52.14	<u>1</u>
Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW	52.14	<u>1</u>
KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON	NNW	52.14	<u>1</u>
GFE Inc.	1360 County Road 28 Fraserville ON K0L 1V0	SSE	119.76	<u>2</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 4 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Kawartha Downs Limited	1382 County Road 28 Lot 23, Concession 8, geographic township of Cavan Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW	52.14	<u>1</u>
Kawartha Downs Limited	1382 County Road 28 Lot 23 Concession 8 geographic township of Cavan Cavan Monaghan ON K0L 1V0	NNW	52.14	<u>1</u>
Kawartha Downs Limited	1382 County Road 28 Lot 23 Concession 8 geographic township of Cavan Cavan Monaghan ON K0L 1V0	NNW	52.14	<u>1</u>
Kawartha Downs Limited	1382 County Road 28 Lot 23 Concession 8 geographic township of Cavan Cavan Monaghan ON K0L 1V0	NNW	52.14	<u>1</u>



Map: 0.25 Kilometer Radius

Order Number: 21071400031

Address: 1382 County Rd 28, Fraserville, ON

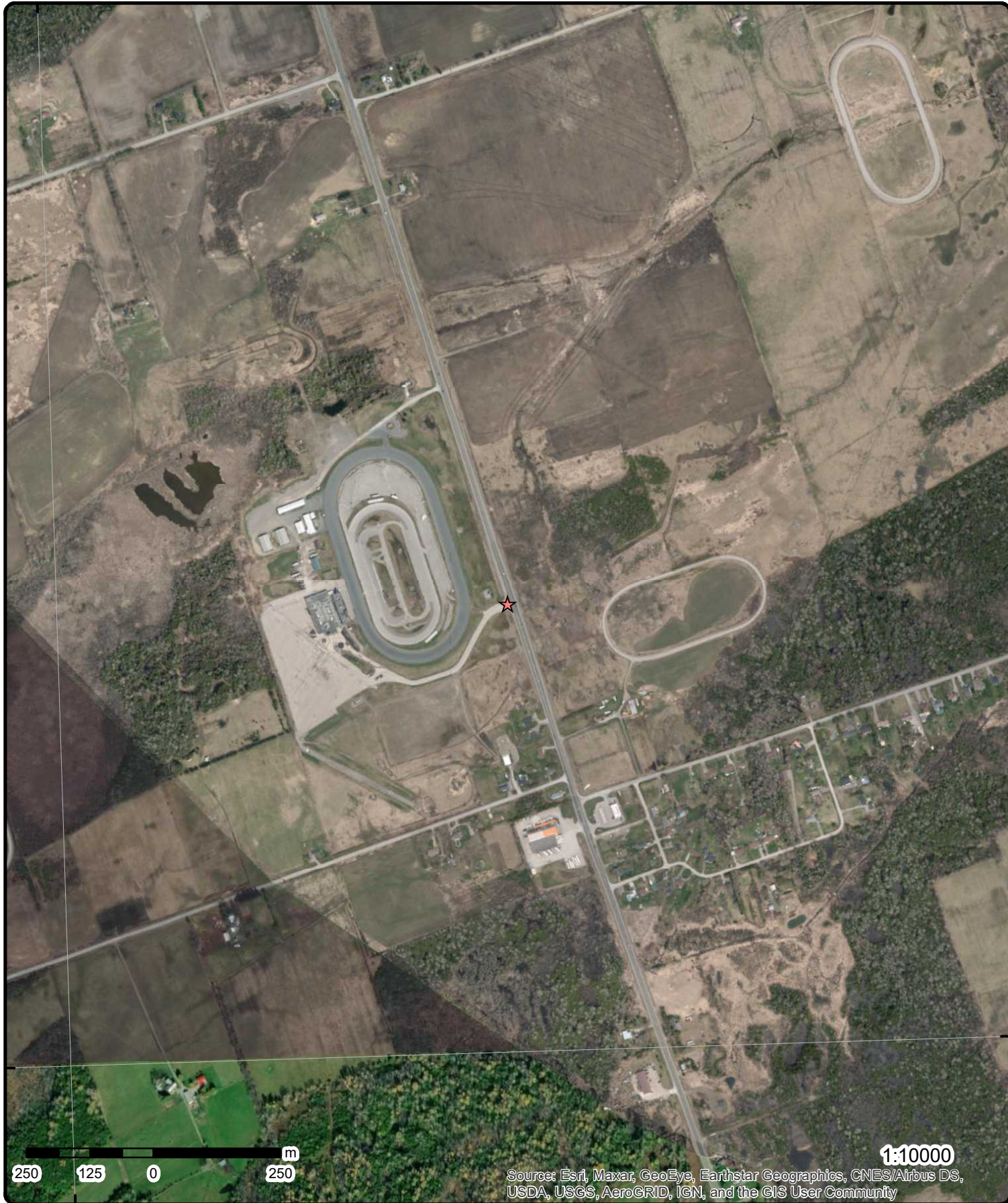


Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range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

78°24'W

44°12'N

44°12'N



Aerial

Year: 2019

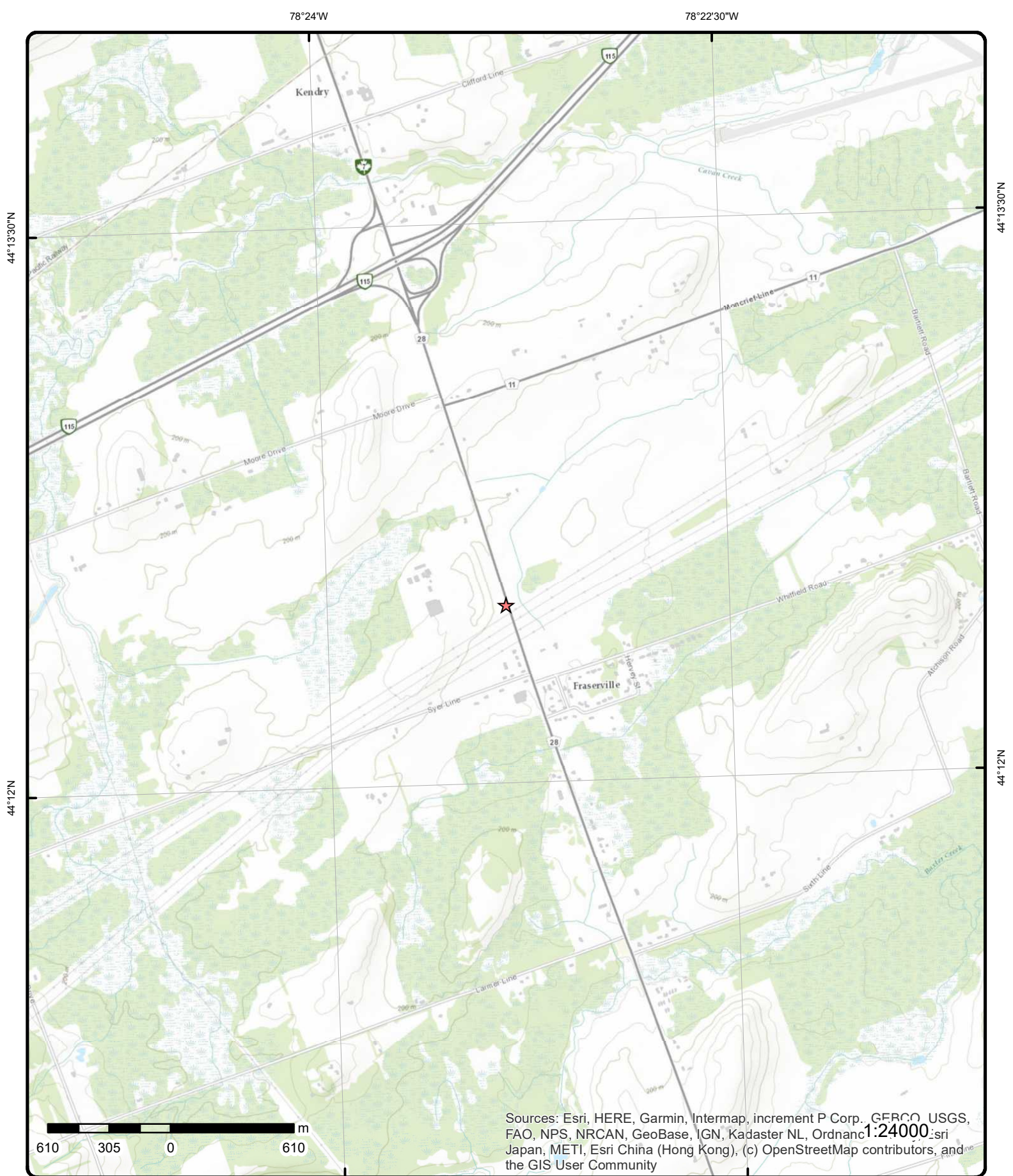
Order Number: 21071400031

Address: 1382 County Rd 28, Fraserville, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Address: 1382 County Rd 28, ON

Source: ESRI World Topographic Map

Order Number: 21071400031



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 36	NNW/52.1	197.9 / 0.36	1382 (911) County Road 28 Cavan-Millbrook-North Monaghan ON	CA
Certificate #: 1792-56WT64 Application Year: 02 Issue Date: 2/7/02 Approval Type: Municipal & Private water Status: Approved Application Type: Amended CofA Client Name: Kawartha Downs Limited Client Address: 1382 (911) County Road 28 Client City: Cavan-Millbrook-North Monaghan Client Postal Code: K0L 1V0 Project Description: This amendment is to remove the requirement for Engineer's Report and replace it with Quarterly Reporting Requirements. Contaminants: Emission Control:					
1	2 of 36	NNW/52.1	197.9 / 0.36	1382 (911) County Road 28 Cavan-Millbrook-North Monaghan ON	CA
Certificate #: 7432-55KQTH Application Year: 02 Issue Date: 2/7/02 Approval Type: Municipal & Private water Status: Revoked and/or Replaced Application Type: Amended CofA Client Name: Kawartha Downs Limited Client Address: 1382 (911) County Road 28 Client City: Cavan-Millbrook-North Monaghan Client Postal Code: K0L 1V0 Project Description: This application is for a Certificate of Approval for a water supply system upgrade, including new well supply; chlorine dosing, monitoring and recording; and installation of baffling. Contaminants: Emission Control:					
1	3 of 36	NNW/52.1	197.9 / 0.36	KAWARTHA DOWNS LTD. LOT 23, CONCESSION 8 1382 HWY 28 S CAVAN-MILLBROOK-NORTH MONAGHAN ON	GEN
Generator No: ON1653202 Status: Approval Years: 03,04,05,06,07,08 Contam. Facility: MHSW Facility: SIC Code: 314990 SIC Description: All Other Textile Product Mills PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
<u>Detail(s)</u>					
Waste Class: 149 Waste Class Desc: LANDFILL LEACHATES					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			

<u>1</u>	4 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Lot 23, Concession 8, geographic township of Cavan Cavan-Millbrook-North Monaghan ON K0L 1V0	SPL
Ref No:	6057-7ZELSR			Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Overflow (Tanks Lagoons)			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:	44			Nearest Watercourse:	
Contaminant Name:	SEWAGE,RAW UNCHLORINATED			Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Not Anticipated			Site Municipality:	
Nature of Impact:	Soil Contamination; Surface Water Pollution			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	4898195
MOE Response:	No Field Response			Easting:	708188
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	1/5/2010			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure - Malfunction of system components			Source Type:	
Site Name:	Kawartha Downs Raceway				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	CM/Cavan: KDL, STP: 900-1000L raw sewage to ground.				
Contaminant Qty:	1000 L				

<u>1</u>	5 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Cavan-Millbrook-North Monaghan ON	CA
Certificate #:	0944-5TNQ3N				
Application Year:	2003				
Issue Date:	12/4/2003				
Approval Type:	Municipal and Private Sewage Works				
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:					
1	6 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Cavan-Millbrook-North Monaghan ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		2009-6NSN35 2006 7/4/2006 Industrial Sewage Works Approved			
1	7 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Cavan-Millbrook-North Monaghan ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		2018-5TXLQ5 2004 3/29/2004 Municipal and Private Sewage Works Approved			
1	8 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Cavan-Millbrook-North Monaghan ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		3005-5KXNVA 2003 3/27/2003 Air Approved			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	9 of 36	NNW/52.1	197.9 / 0.36	Ontario Lottery & Gaming Corporation 1382 County Rd. 28 Peterborough ON K9J 7W9	GEN
<div> <div> Generator No: ON3127673 Status: Approval Years: 2010 Contam. Facility: MHSW Facility: SIC Code: 713299 SIC Description: All Other Gambling Industries </div> <div> PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: </div> </div>					
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
1	10 of 36	NNW/52.1	197.9 / 0.36	KAWARTHA DOWNS LTD. LOT 23, CONCESSION 8 1382 HWY 28 S CAVAN-MILLBROOK-NORTH MONAGHAN ON	GEN
<div> <div> Generator No: ON1653202 Status: Approval Years: 2010 Contam. Facility: MHSW Facility: SIC Code: 314990 SIC Description: All Other Textile Product Mills </div> <div> PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: </div> </div>					
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		149			
Waste Class Desc:		LANDFILL LEACHATES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
1	11 of 36	NNW/52.1	197.9 / 0.36	KAWARTHA DOWNS LTD. R.R. #1 1382 HWY 28 S FRASERVILLE ON	GEN
<div> <div> Generator No: ON1653202 Status: Approval Years: 2011 Contam. Facility: MHSW Facility: SIC Code: 314990 SIC Description: All Other Textile Product Mills </div> <div> PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: </div> </div>					
<u>Detail(s)</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>149</div> <div>LANDFILL LEACHATES</div> </div> <div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>253</div> <div>EMULSIFIED OILS</div> </div> <div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>145</div> <div>PAINT/PIGMENT/COATING RESIDUES</div> </div> <div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>252</div> <div>WASTE OILS & LUBRICANTS</div> </div> <div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>212</div> <div>ALIPHATIC SOLVENTS</div> </div> <div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>213</div> <div>PETROLEUM DISTILLATES</div> </div>					
1	12 of 36	NNW/52.1	197.9 / 0.36	Ontario Lottery & Gaming Corporation 1382 County Rd. 28 Peterborough ON K9J 7W9	GEN
<div> <div>Generator No:</div> <div>Status:</div> <div>Approval Years:</div> <div>Contam. Facility:</div> <div>MHSW Facility:</div> <div>SIC Code:</div> <div>SIC Description:</div> <div>ON3127673</div> <div>2011</div> <div>713299</div> <div>All Other Gambling Industries</div> </div> <div> <div>PO Box No:</div> <div>Country:</div> <div>Choice of Contact:</div> <div>Co Admin:</div> <div>Phone No Admin:</div> </div>					
<u>Detail(s)</u>					
<div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>312</div> <div>PATHOLOGICAL WASTES</div> </div>					
1	13 of 36	NNW/52.1	197.9 / 0.36	Ontario Lottery & Gaming Corporation 1382 County Rd. 28 Peterborough ON K9J 7W9	GEN
<div> <div>Generator No:</div> <div>Status:</div> <div>Approval Years:</div> <div>Contam. Facility:</div> <div>MHSW Facility:</div> <div>SIC Code:</div> <div>SIC Description:</div> <div>ON3127673</div> <div>2012</div> <div>713299</div> <div>All Other Gambling Industries</div> </div> <div> <div>PO Box No:</div> <div>Country:</div> <div>Choice of Contact:</div> <div>Co Admin:</div> <div>Phone No Admin:</div> </div>					
<u>Detail(s)</u>					
<div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>312</div> <div>PATHOLOGICAL WASTES</div> </div>					
1	14 of 36	NNW/52.1	197.9 / 0.36	KAWARTHA DOWNS LTD. R.R. #1 1382 HWY 28 S FRASERVILLE ON	GEN
<div> <div>Generator No:</div> <div>Status:</div> <div>Approval Years:</div> <div>Contam. Facility:</div> <div>ON1653202</div> <div>2012</div> </div> <div> <div>PO Box No:</div> <div>Country:</div> <div>Choice of Contact:</div> <div>Co Admin:</div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
MHSW Facility: SIC Code: SIC Description:	314990	All Other Textile Product Mills		Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	253	EMULSIFIED OILS			
Waste Class: Waste Class Desc:	213	PETROLEUM DISTILLATES			
Waste Class: Waste Class Desc:	145	PAINT/PIGMENT/COATING RESIDUES			
Waste Class: Waste Class Desc:	252	WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Desc:	212	ALIPHATIC SOLVENTS			
Waste Class: Waste Class Desc:	149	LANDFILL LEACHATES			
<hr/>					
<u>1</u>	15 of 36	NNW/52.1	197.9 / 0.36	KAWARTHA DOWNS LTD. R.R. #1 1382 HWY 28 S FRASERVILLE ON	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON1653202 2013 314990	ALL OTHER TEXTILE PRODUCT MILLS		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	145	PAINT/PIGMENT/COATING RESIDUES			
Waste Class: Waste Class Desc:	252	WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Desc:	213	PETROLEUM DISTILLATES			
Waste Class: Waste Class Desc:	253	EMULSIFIED OILS			
Waste Class: Waste Class Desc:	149	LANDFILL LEACHATES			
Waste Class: Waste Class Desc:	212	ALIPHATIC SOLVENTS			
<hr/>					
<u>1</u>	16 of 36	NNW/52.1	197.9 / 0.36	Ontario Lottery & Gaming Corporation 1382 County Rd. 28 Peterborough ON	GEN
Generator No: Status:	ON3127673			PO Box No: Country:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	2013 713299			Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: Waste Class Desc:	312 PATHOLOGICAL WASTES				
1	17 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Lot 23 Concession 8 geographic township of Cavan Cavan Monaghan ON K0L 1V0	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name:	6471-ADZP2C 8510-4GRKCU 9/20/2016 Overflow/Surcharge 44 SEWAGE,SECONDARY UNCHLORINATED			Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address:	Unknown / N/A 1382 County Road 28 Lot 23 Concession 8 geographic township of Cavan
Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	 Land 9/21/2016 Unknown / N/A Kawartha Downs Raceway 1-10 metres eg. Good Quality GPS Kawartha Downs: 1-2gal of swg to grnd. Contained. 2 gal-US			Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	 K0L 1V0 Cavan Monaghan 4898195 708188 GPS NAD27 Land Spills
1	18 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Lot 23 Concession 8 geographic township of Cavan Cavan Monaghan ON K0L 1V0	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name:	5554-ADZP5X 8510-4GRKCU 9/20/2016 Overflow/Surcharge 99 LEACHATE, TRASH CAN, COMPACTOR, ETC			Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address:	Unknown / N/A 1382 County Road 28 Lot 23 Concession 8 geographic township of Cavan
Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:				Site District Office: Site Postal Code: Site Region:	 K0L 1V0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Land MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 9/21/2016 Dt Document Closed: Incident Reason: Unknown / N/A Site Name: Kawartha Downs Raceway Site County/District: Site Geo Ref Meth: 1-10 metres eg. Good Quality GPS Incident Summary: Kawartha Downs: ~0.5L of industrial waste leachate to grnd. Contained. Contaminant Qty: 0.5 L </div> <div> Site Municipality: Cavan Monaghan Site Lot: Site Conc: Northing: 4898195 Easting: 708188 Site Geo Ref Accu: GPS Site Map Datum: NAD27 SAC Action Class: Land Spills Source Type: </div> </div>					
<u>1</u>	19 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	ECA
<div> <div> Approval No: 4-0037-97-006 Approval Date: 2000-10-10 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Otonabee-Peterborough Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Business Name: Kawartha Downs Limited Address: 1382 County Road 28 Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6885-4M4RAZ-14.pdf </div> <div> MOE District: Peterborough City: Longitude: -78.427704 Latitude: 44.172527 Geometry X: Geometry Y: </div> </div>					
<u>1</u>	20 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	ECA
<div> <div> Approval No: 1792-56WT64 Approval Date: 2002-02-07 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Otonabee-Peterborough Approval Type: ECA-Municipal and Private Water Works Project Type: Municipal and Private Water Works Business Name: Kawartha Downs Limited Address: 1382 County Road 28 Full Address: Full PDF Link: </div> <div> MOE District: Peterborough City: Longitude: -78.42770399999999 Latitude: 44.172526999999995 Geometry X: Geometry Y: </div> </div>					
<u>1</u>	21 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	ECA
<div> <div> Approval No: 3005-5KXNVA Approval Date: 2003-03-27 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Otonabee-Peterborough Approval Type: ECA-AIR </div> <div> MOE District: Peterborough City: Longitude: -78.427704 Latitude: 44.172527 Geometry X: Geometry Y: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Type: Business Name: Address: Full Address: Full PDF Link:		AIR Kawartha Downs Limited 1382 County Road 28 https://www.accessenvironment.ene.gov.on.ca/instruments/7340-5JJMHX-14.pdf			
<u>1</u>	22 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link:		3732-4VGHRM 2001-05-30 Revoked and/or Replaced ECA IDS Otonabee-Peterborough ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS Kawartha Downs Limited 1382 County Road 28 https://www.accessenvironment.ene.gov.on.ca/instruments/8117-4U7SZK-14.pdf			MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: Peterborough -78.427704 44.172527
<u>1</u>	23 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link:		2018-5TXLQ5 2004-03-29 Approved ECA IDS Otonabee-Peterborough ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS Kawartha Downs Limited 1382 County Road 28 https://www.accessenvironment.ene.gov.on.ca/instruments/6645-5T9QZV-14.pdf			MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: Peterborough -78.427704 44.172527
<u>1</u>	24 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link:		7432-55KQTH 2002-02-07 Revoked and/or Replaced ECA IDS Otonabee-Peterborough ECA-Municipal and Private Water Works Municipal and Private Water Works Kawartha Downs Limited 1382 County Road 28 			MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: Peterborough -78.42770399999999 44.172526999999995
<u>1</u>	25 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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				1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	
Approval No:	2009-6NSN35			MOE District:	Peterborough
Approval Date:	2006-07-04			City:	
Status:	Approved			Longitude:	-78.427704
Record Type:	ECA			Latitude:	44.172527
Link Source:	IDS			Geometry X:	
SWP Area Name:	Otonabee-Peterborough			Geometry Y:	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS				
Project Type:	INDUSTRIAL SEWAGE WORKS				
Business Name:	Kawartha Downs Limited				
Address:	1382 County Road 28				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/7214-6NCT4E-14.pdf				
<hr/>					
1	26 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	ECA
Approval No:	0944-5TNQ3N			MOE District:	Peterborough
Approval Date:	2003-12-04			City:	
Status:	Approved			Longitude:	-78.427704
Record Type:	ECA			Latitude:	44.172527
Link Source:	IDS			Geometry X:	
SWP Area Name:	Otonabee-Peterborough			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	Kawartha Downs Limited				
Address:	1382 County Road 28				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4034-5T9RCK-14.pdf				
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1	27 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	ECA
Approval No:	2091-56LKQY			MOE District:	Peterborough
Approval Date:	2002-01-28			City:	
Status:	Approved			Longitude:	-78.427704
Record Type:	ECA			Latitude:	44.172527
Link Source:	IDS			Geometry X:	
SWP Area Name:	Otonabee-Peterborough			Geometry Y:	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS				
Project Type:	INDUSTRIAL SEWAGE WORKS				
Business Name:	Kawartha Downs Limited				
Address:	1382 County Road 28				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8220-4M4RTS-14.pdf				
<hr/>					
1	28 of 36	NNW/52.1	197.9 / 0.36	Ontario Lottery & Gaming Corporation 1382 County Rd. 28 Peterborough ON K9J 7W9	GEN
Generator No:	ON3127673			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Tara Woodward
MHSW Facility:	No			Phone No Admin:	705-939-2400 Ext.4310
SIC Code:	713299				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		713299			
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
<u>1</u>	29 of 36	NNW/52.1	197.9 / 0.36	KAWARTHA DOWNS LTD. R.R. #1 1382 HWY 28 S FRASERVILLE ON K0L 1V0	GEN
Generator No:		ON1653202		PO Box No:	
Status:				Country:	Canada
Approval Years:		2015		Choice of Contact:	CO_OFFICIAL
Contam. Facility:		No		Co Admin:	cheryl fulford
MHSW Facility:		No		Phone No Admin:	705-939-6316 Ext.
SIC Code:		314990			
SIC Description:		ALL OTHER TEXTILE PRODUCT MILLS			
<u>Detail(s)</u>					
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		149			
Waste Class Desc:		LANDFILL LEACHATES			
<u>1</u>	30 of 36	NNW/52.1	197.9 / 0.36	KAWARTHA DOWNS LTD. R.R. #1 1382 HWY 28 S FRASERVILLE ON K0L 1V0	GEN
Generator No:		ON1653202		PO Box No:	
Status:				Country:	Canada
Approval Years:		2014		Choice of Contact:	CO_OFFICIAL
Contam. Facility:		No		Co Admin:	Tammy Smethurst
MHSW Facility:		No		Phone No Admin:	705-939-6316 Ext.
SIC Code:		314990			
SIC Description:		ALL OTHER TEXTILE PRODUCT MILLS			
<u>Detail(s)</u>					
Waste Class:		149			
Waste Class Desc:		LANDFILL LEACHATES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>212</div> <div>ALIPHATIC SOLVENTS</div> </div> <div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>252</div> <div>WASTE OILS & LUBRICANTS</div> </div> <div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>253</div> <div>EMULSIFIED OILS</div> </div>					
<u>1</u>	31 of 36	NNW/52.1	197.9 / 0.36	Ontario Lottery & Gaming Corporation 1382 County Rd. 28 Peterborough ON K9J 7W9	GEN
<div> <div>Generator No:</div> <div>Status:</div> <div>Approval Years:</div> <div>Contam. Facility:</div> <div>MHSW Facility:</div> <div>SIC Code:</div> <div>SIC Description:</div> <div>ON3127673</div> <div>No</div> <div>2014</div> <div>No</div> <div>No</div> <div>713299</div> <div>713299</div> </div> <div> <div>PO Box No:</div> <div>Country:</div> <div>Choice of Contact:</div> <div>Co Admin:</div> <div>Phone No Admin:</div> <div></div> <div>Canada</div> <div>CO_OFFICIAL</div> <div>Tara Woodward</div> <div>705-939-2400 Ext.4310</div> </div>					
<u>Detail(s)</u>					
<div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>312</div> <div>PATHOLOGICAL WASTES</div> </div>					
<u>1</u>	32 of 36	NNW/52.1	197.9 / 0.36	KAWARTHA DOWNS LTD. R.R. #1 1382 HWY 28 S FRASERVILLE ON K0L 1V0	GEN
<div> <div>Generator No:</div> <div>Status:</div> <div>Approval Years:</div> <div>Contam. Facility:</div> <div>MHSW Facility:</div> <div>SIC Code:</div> <div>SIC Description:</div> <div>ON1653202</div> <div>Registered</div> <div>As of Dec 2018</div> <div></div> <div></div> <div></div> </div> <div> <div>PO Box No:</div> <div>Country:</div> <div>Choice of Contact:</div> <div>Co Admin:</div> <div>Phone No Admin:</div> <div></div> <div>Canada</div> <div></div> <div></div> <div></div> </div>					
<u>Detail(s)</u>					
<div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>149 L</div> <div>Landfill leachate</div> </div> <div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>212 L</div> <div>Aliphatic solvents and residues</div> </div> <div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>252 L</div> <div>Waste crankcase oils and lubricants</div> </div> <div> <div>Waste Class:</div> <div>Waste Class Desc:</div> <div>253 L</div> <div>Emulsified oils</div> </div>					
<u>1</u>	33 of 36	NNW/52.1	197.9 / 0.36	KAWARTHA DOWNS LTD. R.R. #1 1382 HWY 28 S FRASERVILLE ON K0L 1V0	GEN
<div> <div>Generator No:</div> <div>Status:</div> <div>Approval Years:</div> <div>Contam. Facility:</div> <div>ON1653202</div> <div></div> <div>2016</div> <div>No</div> </div> <div> <div>PO Box No:</div> <div>Country:</div> <div>Choice of Contact:</div> <div>Co Admin:</div> <div></div> <div>Canada</div> <div>CO_OFFICIAL</div> <div>cheryl fulford</div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility: SIC Code: SIC Description:	No 314990			Phone No Admin: 705-939-6316 Ext. ALL OTHER TEXTILE PRODUCT MILLS	
Detail(s)					
Waste Class: Waste Class Desc:	149 LANDFILL LEACHATES				
Waste Class: Waste Class Desc:	253 EMULSIFIED OILS				
Waste Class: Waste Class Desc:	252 WASTE OILS & LUBRICANTS				
Waste Class: Waste Class Desc:	213 PETROLEUM DISTILLATES				
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES				
Waste Class: Waste Class Desc:	212 ALIPHATIC SOLVENTS				

<u>1</u>	34 of 36	NNW/52.1	197.9 / 0.36	Kawartha Downs Limited 1382 County Road 28 Lot 23 Concession 8 geographic township of Cavan Cavan Monaghan ON K0L 1V0	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name:	5726-AM2RTH K0L 1V0 5/4/2017 Leak/Break 99 LEACHATE, TRASH CAN, COMPACTOR, ETC			Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address:	2 - Minor Environment Corporation Unknown / N/A 1382 County Road 28 Lot 23 Concession 8 geographic township of Cavan Peterborough
Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	n/a Land 5/4/2017 Equipment Failure Kawartha Downs Raceway County of Peterborough 1-10 metres eg. Good Quality GPS Kawartha Downs: spill leachate, contained, cleaned 0 n/a			Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	Eastern Cavan Monaghan NA 4898195 708188 GPS NAD27 Unknown / N/A

<u>1</u>	35 of 36	NNW/52.1	197.9 / 0.36	RIC (KDL) INC 1382 County Road 28 1382 County Road 28 FRASERVILLE ON K0L 1V0	GEN
Generator No:	ON1653202			PO Box No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	Registered As of Jul 2020			Country: Canada Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	253 L Emulsified oils				
Waste Class: Waste Class Desc:	252 L Waste crankcase oils and lubricants				
Waste Class: Waste Class Desc:	149 L Landfill leachate				
Waste Class: Waste Class Desc:	212 L Aliphatic solvents and residues				
1	36 of 36	NNW/52.1	197.9 / 0.36	RIC (KDL) INC 1382 County Road 28 1382 County Road 28 FRASERVILLE ON K0L 1V0	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON1653202 Registered As of Apr 2021			PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	212 L Aliphatic solvents and residues				
Waste Class: Waste Class Desc:	149 L Landfill leachate				
Waste Class: Waste Class Desc:	253 L Emulsified oils				
Waste Class: Waste Class Desc:	252 L Waste crankcase oils and lubricants				
2	1 of 1	SSE/119.8	197.8 / 0.31	GFE Inc. 1360 County Road 28 Fraserville ON K0L 1V0	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON7254171 07,08 484221 Bulk Liquids Trucking Local			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:	252				

<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 Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			

Unplottable Summary

Total: **40** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Kawartha Downs Raceway	Lot 23, Concession B	Cavan-Millbrook-N. Monaghan ON	
CA	Kawartha Downs Raceway	Lot 23, Concession 8	Cavan-Millbrook-N. Monaghan ON	
CA	Kawartha Downs Raceway	Lot 23, Concession 8	Cavan-Millbrook-N. Monaghan ON	
CA	Kawartha Downs Raceway	Lot 23, Concession 8	Cavan-Millbrook-N. Monaghan ON	
CA	KAWARTHA DOWNS LIMITED	LOT 23, CONC. VIII, HWY. #28	CAVAN TWP. ON	
CA	Kawartha Downs Raceway	Part of lot 23, Concession 8	Cavan-Millbrook-North Monaghan ON	
CA	Kawartha Downs Raceway	Part of lot 23, Concession 8	Cavan-Millbrook-North Monaghan ON	
CA		Part Lot 23, Concession 8	Cavan-Millbrook-N. Monaghan ON	
CA	KAWARTHA DOWNS LIMITED	PT.LOT 23, CONC. 8, P-BORO	CAVAN TWP. ON	
CONV	KAWARTHA DOWNS LIMITED		ON	
DTNK	SUPERIOR PLUS INC	HWY 28 N	PETERBOROUGH ON	
DTNK	Kawartha Downs - H. Ambrose	Ship in Barn	FRASERVILLE ON	
DTNK	SUPERIOR PLUS INC	HWY 28 N	PETERBOROUGH ON	
DTNK	SUPERIOR GENERAL PARTNER INC O/A SUPERIOR PROPANE **	HWY 28	PETERBOROUGH ON	
DTNK	SUPERIOR GENERAL PARTNER INC O/A SUPERIOR PROPANE **	HWY 28	PETERBOROUGH ON	
DTNK	JOHN HOSHAR SHELL SERVICE	HWY 28 N	PETERBOROUGH ON	
DTNK	INTERLINK FREIGHT SYSTEMS INC	HWY 28	PETERBOROUGH ON	L3V 5H7

DTNK	SUPERIOR PROPANE ATTN WARREN HAYES	HWY 28 N	PETERBOROUGH ON	
DTNK	Kawartha Downs - H. Ambrose	Test Barn	FRASERVILLE ON	
DTNK	SUPERIOR PROPANE ATTN WARREN HAYES	HWY 28 N	PETERBOROUGH ON	
EBR	Kawartha Downs Limited	PT.LOT 23, CONC. 8, P-BORO, CAVAN TWP. Cavan	ON	
EBR	Kawartha Downs Limited	Lot 23, Concession Viii Hwy. #28 Cavan	ON	
EBR	Kawartha Downs Limited	Lots 21 and 23, Concessions 7 and 8 TOWNSHIP OF CAVAN-MILLBROOK-NORTH MONAGHAN	ON	
NPCB	TRENT UNIVERSITY	PETERBOROUGH CAMPUS; HIGHWAY 28	PETERBOROUGH ON	K9J 7B8
OPCB	TRENT UNIVERSITY	PETERBOROUGH CAMPUS HIGHWAY 28	PETERBOROUGH ON	K9J 7B8
PRT	CANADIAN PACIFIC EXPRESS & TRANSPORT LTD	HWY 28	PETERBOROUGH ON	
PRT	JOHN HOSAR SHELL SERVICE	HWY 28 N	PETERBOROUGH ON	
SPL	PRIVATE OWNER	IN A FIELD 4 MILES EAST OF HWY 28 MOTOR VEHICLE (OPERATING FLUID)	OTONABEE-SOUTH MONAGHAN TOWNSHIP ON	
SPL	TANK TRUCK	HWY 28, 1 MILE NORTH OF BAILIEBORO TANK TRUCK (CARGO)	OTONABEE-SOUTH MONAGHAN TOWNSHIP ON	
SPL	TWD Road Management Inc. <UNOFFICIAL>; TWD Roads Management Inc.	Hwy 28 4023	Peterborough ON	
SPL		County Road 28, former South Monaghan Township	Otonabee-South Monaghan ON	
SPL	PRIVATE OWNER	HIGHWAY 28 MOTOR VEHICLE (OPERATING FLUID)	CAVAN-MILLBROOK-N MONAGHAN TOWNSHIP ON	
SPL	TRANSPORT TRUCK	HIGHWAY 28 MOTOR VEHICLE (OPERATING FLUID)	OTONABEE-SOUTH MONAGHAN TOWNSHIP ON	
SPL	PRIVATE RESIDENCE	HWY 28 SOUTH OF FRASIERVILLE AT EVERGREEN TRAILER PARK FURNACE OIL TANK	OTONABEE-SOUTH MONAGHAN TOWNSHIP ON	
SPL	TRANSPORT TRUCK	COUNTY ROAD 28, NORTH OF FRASERVILLE TRANSPORT TRUCK (CARGO)	CAVAN-MILLBROOK-N MONAGHAN TOWNSHIP ON	
SPL	Kawartha Downs Limited		Cavan-Millbrook-North Monaghan ON	

WWIS	lot 23	ON
WWIS	lot 23	ON
WWIS	lot 23	ON
WWIS	lot 23	ON

Unplottable Report

Site: *Kawartha Downs Raceway*
Lot 23, Concession B Cavan-Millbrook-N. Monaghan ON

Database:
CA

Certificate #: 3732-4VGHRM
Application Year: 01
Issue Date: 5/30/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Kawartha Downs Limited
Client Address: 1382 (911) County Road 29
Client City: Fraserville
Client Postal Code: K0L 1V0
Project Description: Installation of a 114,000 litre septic tank in addition to the existing 40,000 litre septic tank, which discharges to either one of two treatment trains consisting of a two cell treatment wetland. The wetlands in turn discharge into a communal combination sand/nitrate filter, and a pump tank capable of treating the sewage system daily flow of 60,000 litres/day
Contaminants:
Emission Control: Off-Site Treatment

Site: *Kawartha Downs Raceway*
Lot 23, Concession 8 Cavan-Millbrook-N. Monaghan ON

Database:
CA

Certificate #:
Application Year: 00
Issue Date: 5/2/00
Approval Type: Industrial sewage
Status: Cancelled
Application Type: Revocation
Client Name: Kawartha Downs Limited
Client Address: 1382 (911) County Road 29
Client City: Fraserville
Client Postal Code: K0L 1V0
Project Description: Stormwater management facility for a parking area at Kawartha Slots Casino.
Contaminants:
Emission Control:

Site: *Kawartha Downs Raceway*
Lot 23, Concession 8 Cavan-Millbrook-N. Monaghan ON

Database:
CA

Certificate #: 2091-56LKQY
Application Year: 02
Issue Date: 1/28/02
Approval Type: Industrial sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Kawartha Downs Limited
Client Address: 1382 (911) County Road 29
Client City: Fraserville
Client Postal Code: K0L 1V0
Project Description: Stormwater management facility servicing a race track for the collection, transmission, treatment and disposal of storm runoff.
Contaminants:
Emission Control:

Site: *Kawartha Downs Raceway*

Database:

Certificate #: 4-0037-97-006
Application Year: 00
Issue Date: 10/10/00
Approval Type: Industrial sewage
Status: Approved
Application Type: Notice
Client Name: Kawartha Downs Limited
Client Address: 1382 (911) County Road 29
Client City: Fraserville
Client Postal Code: K0L 1V0
Project Description: This application is a request that Certificate of Approval No. 4-0037-97-006 for a stormwater management facility related to automobile and horse race track be revoked. The company has been advised by their legal counsel that they are exempt from approval requirements by O.Reg. 525/98.
Contaminants:
Emission Control:

Site: KAWARTHA DOWNS LIMITED
 LOT 23, CONC. VIII, HWY. #28 CAVAN TWP. ON

Database:
 CA

Certificate #: 8-4181-97-
Application Year: 97
Issue Date: 2/2/1998
Approval Type: Industrial air
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: STOCK CAR RACING OVAL AT KAWARTHA DOWNS
Contaminants:
Emission Control:

Site: Kawartha Downs Raceway
 Part of lot 23, Concession 8 Cavan-Millbrook-North Monaghan ON

Database:
 CA

Certificate #: 6053-5ATJD5
Application Year: 02
Issue Date: 6/11/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: Amended CofA
Client Name: Kawartha Downs Limited
Client Address: 1382 (911) County Road 28
Client City: Cavan-Millbrook-North Monaghan
Client Postal Code: K0L 1V0
Project Description: Installation of new holding tank
Contaminants:
Emission Control:

Site: Kawartha Downs Raceway
 Part of lot 23, Concession 8 Cavan-Millbrook-North Monaghan ON

Database:
 CA

Certificate #: 9493-535FLM
Application Year: 02
Issue Date: 6/11/02
Approval Type: Municipal & Private sewage
Status: Revoked and/or Replaced
Application Type: New Certificate of Approval
Client Name: Kawartha Downs Limited
Client Address: 1382 (911) County Road 28
Client City: Cavan-Millbrook-North Monaghan
Client Postal Code: K0L 1V0

Project Description: Conversion of existing septic tank to holding tank.
Contaminants:
Emission Control:

Site: **Part Lot 23, Concession 8 Cavan-Millbrook-N. Monaghan ON** **Database:** **CA**

Certificate #: 8234-4HQJBY
Application Year: 00
Issue Date: 3/24/00
Approval Type: Industrial air
Status: Approved
Application Type: New Certificate of Approval
Client Name: Courtice Auto Wreckers Limited
Client Address: 800 Colonel Sam Drive
Client City: Oshawa
Client Postal Code: L1H 8A9
Project Description: Installation of a 750 kW emergency diesel generator to provide electricity for lighting, security systems and communication systems at a new entertainment centre.
Contaminants:
Emission Control:

Site: **KAWARTHA DOWNS LIMITED** **Database:** **CA**
PT.LOT 23, CONC. 8, P-BORO CAVAN TWP. ON

Certificate #: 4-0037-97-
Application Year: 97
Issue Date: 7/4/1997
Approval Type: Industrial wastewater
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: ADDITIONAL DRAINAGE FOR AUTO RACETRACK
Contaminants:
Emission Control:

Site: **KAWARTHA DOWNS LIMITED** **Database:** **CONV**
ON

File No: **Location:**
Crown Brief No: 97-0096-0078 **Region:** EASTERN REGION
Court Location: **Ministry District:** PETERBOROUGH
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: FAILED TO COMPLY WITH AN ORDER TO REMOVE WASTE PAPER SLUDE FROM KAWARTHA DOWNS & ESTABLISH/REPLACE SEWAGE WORKS CONTRARY TO APPROVAL.
Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: OWRA

Regulation:
Section: 53(1)
Act/Regulation/Section: OWRA- -53(1)
Date of Offence:
Date of Conviction:
Date Charged: 10/31/97
Charge Disposition: SUSPENDED SENTENCE
Fine: \$500.00
Synopsis:

Site: SUPERIOR PLUS INC
HWY 28 N PETERBOROUGH ON

Database:
DTNK

**Delisted Expired Fuel Safety
Facilities**

Instance No: 10470198
Status: EXPIRED
Instance ID: 22004
Instance Type: FS Highway Tank - Propane
Description: FS Highway Tank - Propane
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:
Original Source: EXP
Record Date: Up to Mar 2012

Site: Kawartha Downs - H. Ambrose
Ship in Barn FRASERVILLE ON

Database:
DTNK

**Delisted Commercial Fuel Oil
Tanks**

Licence No:		Facility Type:	
Registration No:	200204-3239	Letter Sent:	2-Dec-02
Posse File No:		Corrosion Protection:	
Posse Reg No:		Fuel Type:	
Instance No:		Province:	
Status Name:		Nbr:	
Tank Type:		Instance Type:	
Tank Size:	500 gal	Original Source:	CFOT
Tank Material:	Steel	Record Date:	Up to Apr 2013
Tk Age (as of 05/1992):	25 yrs		
Tank Address:	Ship in Barn		
Distributor:	Upper Canada Fuels		
Contact Name:	c/o Kym Oliver or Herb Hewitt		
Contact Address:	R.R. 1		
Contact Address2:			
Contact Suite:			
Contact City:	Fraserville		
Contact Prov:	ON		
Contact Postal:	K0L 1V0		
Comments:			

Site: SUPERIOR PLUS INC
HWY 28 N PETERBOROUGH ON

Database:
DTNK

**Delisted Expired Fuel Safety
Facilities**

Instance No: 10470201
Status: EXPIRED

Instance ID: 21049
Instance Type: FS Highway Tank - Propane
Description: FS Highway Tank - Propane
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:
Original Source: EXP
Record Date: Up to Mar 2012

Site: SUPERIOR GENERAL PARTNER INC O/A SUPERIOR PROPANE **
HWY 28 PETERBOROUGH ON

Database:
DTNK

**Delisted Expired Fuel Safety
Facilities**

Instance No: 10452529
Status: EXPIRED
Instance ID: 17421
Instance Type: FS Highway Tank - Propane
Description: FS Highway Tank - Propane
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:
Original Source: EXP
Record Date: Up to Mar 2012

Site: SUPERIOR GENERAL PARTNER INC O/A SUPERIOR PROPANE **
HWY 28 PETERBOROUGH ON

Database:
DTNK

**Delisted Expired Fuel Safety
Facilities**

Instance No: 10452537
Status: EXPIRED
Instance ID: 17247
Instance Type: FS Highway Tank - Propane
Description: FS Highway Tank - Propane
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:
Original Source: EXP
Record Date: Up to Mar 2012

Site: JOHN HOSCHAR SHELL SERVICE
HWY 28 N PETERBOROUGH ON

Database:
DTNK

**Delisted Expired Fuel Safety
Facilities**

Instance No: 9200628
Status: EXPIRED
Instance ID: 381637
Instance Type: FS Facility
Description: FS Gasoline Station - Full Serve
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:
Original Source: EXP
Record Date: Up to Mar 2012

Site: INTERLINK FREIGHT SYSTEMS INC
HWY 28 PETERBOROUGH ON L3V 5H7

Database:
DTNK

**Delisted Expired Fuel Safety
Facilities**

Instance No: 9599920
Status: EXPIRED
Instance ID:
Instance Type: FS Facility
Description:
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 4/9/2010 13:00
Original Source: EXP
Record Date: Up to May 2013

Site: SUPERIOR PROPANE ATTN WARREN HAYES
HWY 28 N PETERBOROUGH ON

Database:
DTNK

**Delisted Expired Fuel Safety
Facilities**

Instance No: 9592564
Status: EXPIRED
Instance ID: 390824
Instance Type: FS Facility
Description: Fuels Safety Propane Filling Plant > 5000 USW
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:
Original Source: EXP
Record Date: Up to Mar 2012

Site: Kawartha Downs - H. Ambrose
Test Barn FRASERVILLE ON

Database:
DTNK

**Delisted Commercial Fuel Oil
Tanks**

Licence No:		Facility Type:	
Registration No:	200204-3238	Letter Sent:	2-Dec-02
Posse File No:		Corrosion Protection:	
Posse Reg No:		Fuel Type:	
Instance No:		Province:	
Status Name:		Nbr:	
Tank Type:		Instance Type:	
Tank Size:	500 gal	Original Source:	CFOT
Tank Material:	Steel	Record Date:	Up to Apr 2013
Tk Age (as of 05/1992):	26 yrs		
Tank Address:	Test Barn		
Distributor:	Upper Canada Fuels		
Contact Name:	c/o Kym Oliver or Herb Hewitt		
Contact Address:	R.R. 1		
Contact Address2:			
Contact Suite:			
Contact City:	Fraserville		
Contact Prov:	ON		
Contact Postal:	K0L 1V0		
Comments:			

Site: SUPERIOR PROPANE ATTN WARREN HAYES
HWY 28 N PETERBOROUGH ON

Database:
DTNK

**Delisted Expired Fuel Safety
Facilities**

Instance No: 10919308
Status: EXPIRED
Instance ID: 52588
Instance Type: FS Propane Tank
Description: FS Propane Tank
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:
Original Source: EXP
Record Date: Up to Mar 2012

Site: Kawartha Downs Limited
PT.LOT 23, CONC. 8, P-BORO, CAVAN TWP. Cavan ON

Database:
EBR

EBR Registry No: IA7E0495	Decision Posted:
Ministry Ref No: 4003797 19970404	Exception Posted:
Notice Type: Instrument Decision	Section:
Notice Stage:	Act 1:
Notice Date: July 04, 1997	Act 2:
Proposal Date: April 09, 1997	Site Location Map:
Year: 1997	
Instrument Type: (OWRA s. 53(1)) - Approval for sewage works	
Off Instrument Name:	
Posted By:	
Company Name: Kawartha Downs Limited	
Site Address:	
Location Other:	
Proponent Name:	
Proponent Address: R.R. #1, Fraserville Ontario, K0L 1V0	
Comment Period:	
URL:	

Site Location Details:

PT.LOT 23, CONC. 8, P-BORO, CAVAN TWP. Cavan

Site: Kawartha Downs Limited
Lot 23, Concession VIII Hwy. #28 Cavan ON

Database:
EBR

EBR Registry No: IA7E1589	Decision Posted:
Ministry Ref No: 8418197 19971008	Exception Posted:
Notice Type: Instrument Decision	Section:
Notice Stage:	Act 1:
Notice Date: February 04, 1998	Act 2:
Proposal Date: October 23, 1997	Site Location Map:
Year: 1997	
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: Kawartha Downs Limited	
Site Address:	
Location Other:	
Proponent Name:	
Proponent Address: c/o. Courtice Auto Wreckers Limited, 800 Colonel Sam Drive, Oshawa Ontario, L1H 8A9	
Comment Period:	
URL:	

Site Location Details:

Lot 23, Concession VIII Hwy. #28 Cavan

Site: **Kawartha Downs Limited**
Lots 21 and 23, Concessions 7 and 8 TOWNSHIP OF CAVAN-MILLBROOK-NORTH MONAGHAN ON

Database:
EBR

EBR Registry No: IA03E0777
Ministry Ref No: 1387-5MWM8D
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 23, 2003
Proposal Date: June 10, 2003
Year: 2003
Instrument Type: (OWRA s. 53(1)) - Approval for sewage works
Off Instrument Name:
Posted By:
Company Name: Kawartha Downs Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: R.R. # 1, Fraserville Ontario, K0L 1V0
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Lots 21 and 23, Concessions 7 and 8 TOWNSHIP OF CAVAN-MILLBROOK-NORTH MONAGHAN

Site: **TRENT UNIVERSITY**
PETERBOROUGH CAMPUS; HIGHWAY 28 PETERBOROUGH ON K9J 7B8

Database:
NPCB

Company Code: F1294
Industry:
Site Status:
Transaction Date:
Inspection Date:

Site: **TRENT UNIVERSITY**
PETERBOROUGH CAMPUS HIGHWAY 28 PETERBOROUGH ON K9J 7B8

Database:
OPCB

Year: 1995
Site Number: 30594A008
Name Owner:
Additional Site Information:

--Details--

Quantity: 4.00
Address Site:
Description: Number of Drums of Ballasts with High Level PCBs (>1000 ppm)

Quantity: 800.00
Address Site:
Description: Weight of Drums of Ballasts with High Level PCBs (>1000 ppm) kg

Site: **CANADIAN PACIFIC EXPRESS & TRANSPORT LTD**
HWY 28 PETERBOROUGH ON

Database:
PRT

Location ID: 11683
Type: retail

Expiry Date: 1994-03-31
Capacity (L): 26998
Licence #: 0030094001

Site: JOHN HOSCHAR SHELL SERVICE
HWY 28 N PETERBOROUGH ON

Database:
[PRT](#)

Location ID: 18147
Type: retail
Expiry Date: 1993-11-30
Capacity (L): 35000
Licence #: 0000019824

Site: PRIVATE OWNER
IN A FIELD 4 MILES EAST OF HWY 28 MOTOR VEHICLE (OPERATING FLUID) OTONABEE-SOUTH MONAGHAN
TOWNSHIP ON

Database:
[SPL](#)

Ref No:	145244	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	8/17/1997	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	AIRCRAFT CRASH	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	66621
Nature of Impact:	Soil contamination	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	OPP
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	8/17/1997	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	PRIVATE OWNER:52L GAS- OLINE TO GROUND FROM PLANE CRASH.		
Contaminant Qty:			

Site: TANK TRUCK
HWY 28, 1 MILE NORTH OF BAILIEBORO TANK TRUCK (CARGO) OTONABEE-SOUTH MONAGHAN TOWNSHIP ON

Database:
[SPL](#)

Ref No:	175378	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	12/1/1999	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CONTAINER LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	66621
Nature of Impact:	Multi Media Pollution	Site Lot:	
Receiving Medium:	LAND / AIR	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	OPP, F.D.
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	12/1/1999	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	

Incident Reason: ERROR **Source Type:**
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: TANK TRUCK: PROPANE TANK TRUCK ON ITS SIDE, LEAK SUSPECTED,OPP.F.D.
Contaminant Qty:

Site: TWD Road Management Inc.<UNOFFICIAL>; TWD Roads Management Inc.
Hwy 28 4023 Peterborough ON

Database:
SPL

Ref No:	4163-8BBMTN	Discharger Report:	
Site No:		Material Group:	
Incident Dt:		Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:		Sector Type:	Other
Incident Event:		Agency Involved:	
Contaminant Code:	41	Nearest Watercourse:	
Contaminant Name:	SALT SOLUTION	Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	
Nature of Impact:	Soil Contamination	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:	Planned Field Response	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	11/18/2010	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure	Source Type:	
Site Name:	Yonge's Point Patrol<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TWD: Brime spill 15,000L to ditch		
Contaminant Qty:	15000 L		

Site: County Road 28, former South Monaghan Township Otonabee-South Monaghan ON

Database:
SPL

Ref No:	7362-7NA2NK	Discharger Report:	
Site No:		Material Group:	
Incident Dt:		Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Overturn - Truck Or Trailer	Sector Type:	Transport Truck
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL	Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Otonabee-South Monaghan
Nature of Impact:	Soil Contamination	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:	Planned Field Response	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	1/13/2009	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Land Spills
Incident Reason:	Weather	Source Type:	
Site Name:	Road Allowance<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OSM/South Monaghan: MVA 40L deisel to gnd, ditch.		
Contaminant Qty:	40 L		

Site: PRIVATE OWNER
HIGHWAY 28 MOTOR VEHICLE (OPERATING FLUID) CAVAN-MILLBROOK-N MONAGHAN TOWNSHIP ON

Database:
SPL

Ref No:	130649	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	8/18/1996	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CONTAINER LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	66617
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	8/18/1996	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	ERROR	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	PIONEER STATION: 10 L DIESEL FUEL TO LAND		
Contaminant Qty:			

Site: TRANSPORT TRUCK
HIGHWAY 28 MOTOR VEHICLE (OPERATING FLUID) OTONABEE-SOUTH MONAGHAN TOWNSHIP ON

Database:
SPL

Ref No:	20851	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	6/22/1989	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	UNDERGROUND TANK LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	66621
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	MOE, BUCKHAM TRANSPORT
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	6/22/1989	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	NEGLIGENCE (APPARENT)	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TANKER TRUCK - MAX 2500 LITRES DIESEL FUEL TO GROUND AT CO.		
Contaminant Qty:			

Site: PRIVATE RESIDENCE
HWY 28 SOUTH OF FRASIERVILLE AT EVERGREEN TRAILER PARK FURNACE OIL TANK OTONABEE-SOUTH MONAGHAN TOWNSHIP ON

Database:
SPL

Ref No:	97746	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	//	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CONTAINER LEAK	Sector Type:	

Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	CONFIRMED	Site Municipality:	66621
Nature of Impact:	Soil contamination	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	MCCR
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	3/24/1994	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	EVERGREEN TRAILER PARK - 600 L OF FURNACE OIL TO GROUND		
Contaminant Qty:			

Site: **TRANSPORT TRUCK**
COUNTY ROAD 28, NORTH OF FRASERVILLE TRANSPORT TRUCK (CARGO) CAVAN-MILLBROOK-N MONAGHAN
TOWNSHIP ON

Database:
SPL

Ref No:	211998	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	9/21/2001	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CONTAINER LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Confirmed	Site Municipality:	66617
Nature of Impact:	Soil contamination	Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	9/21/2001	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OIL TO GROUND 20 GALLONS MUNICIPALITY CLEANING		
Contaminant Qty:			

Site: **Kawartha Downs Limited**
Cavan-Millbrook-North Monaghan ON

Database:
SPL

Ref No:	2832-96KU7M	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	08-APR-13	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Overflow/Surcharge	Sector Type:	Sewage Treatment
Incident Event:		Agency Involved:	
Contaminant Code:	44	Nearest Watercourse:	
Contaminant Name:	SEWAGE,RAW UNCHLORINATED	Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Confirmed	Site Municipality:	Cavan-Millbrook-North Monaghan
Nature of Impact:	Soil Contamination	Site Lot:	

Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:	Planned Field Response	Easting:	
Dt MOE Arvl on Scn:	08-APR-13	Site Geo Ref Accu:	
MOE Reported Dt:	08-APR-13	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Watercourse Spills
Incident Reason:	Unknown / N/A	Source Type:	
Site Name:	West side of Highway 28 south of the Highway 115, before the Kawartha Downs Racetrack and Slots<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	HOTLINE: Kawartha Downs Racetrack: Sewage to watercourse		
Contaminant Qty:	0 L		

Site:	lot 23 ON	Database:	WWIS
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Well ID:	5118230	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/23/1999
Sec. Water Use:		Selected Flag:	True
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	7030
Casing Material:		Form Version:	1
Audit No:	208337	Owner:	
Tag:		Street Name:	
Construction Method:		County:	PETERBOROUGH
Elevation (m):		Municipality:	CAVAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	023
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10346259	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	
Code OB:	o	East83:	
Code OB Desc:	Overburden	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	03-Sep-1999 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932154382
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL

Mat3:
Mat3 Desc:
Formation Top Depth: 208.0
Formation End Depth: 212.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932154379
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 48.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932154378
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932154381
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 200.0
Formation End Depth: 208.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932154380
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY

Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 48.0
Formation End Depth: 200.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933175793
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 965118230
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10894829
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930568221
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 212
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 995118230
Pump Set At:
Static Level: 130.0
Final Level After Pumping: 190.0
Recommended Pump Depth: 202.0
Pumping Rate: 6.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 6
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934548335
Test Type: Draw Down
Test Duration: 30
Test Level: 153.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934801283
Test Type: Draw Down
Test Duration: 45
Test Level: 172.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935066747
Test Type: Draw Down
Test Duration: 60
Test Level: 190.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934277582
Test Type: Draw Down
Test Duration: 15
Test Level: 141.0
Test Level UOM: ft

Water Details

Water ID: 933822247
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 212.0
Water Found Depth UOM: ft

Site:
lot 23 ON

Database:
WWIS

Well ID: 5118193
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 208335
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/12/1999
Selected Flag: True
Abandonment Rec:
Contractor: 7030
Form Version: 1
Owner:
Street Name:
County: PETERBOROUGH
Municipality: CAVAN TOWNSHIP
Site Info:
Lot: 023
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10346222
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 15-Jul-1999 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 932154249
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 2.0
Formation End Depth: 81.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932154248
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932154250
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 81.0
Formation End Depth: 84.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933175746
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 965118193
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10894792
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930568167
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 81
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930568168
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 84
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933361950
Layer: 1
Slot: 012
Screen Top Depth: 76
Screen End Depth: 84
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 5

Results of Well Yield Testing

Pump Test ID: 995118193
Pump Set At:

Static Level: 37.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 81.0
Pumping Rate: 7.0
Flowing Rate:
Recommended Pump Rate: 7.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 4
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934801250
Test Type:
Test Duration: 45
Test Level: 72.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934548302
Test Type:
Test Duration: 30
Test Level: 61.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934278245
Test Type:
Test Duration: 15
Test Level: 49.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935067411
Test Type:
Test Duration: 60
Test Level: 80.0
Test Level UOM: ft

Water Details

Water ID: 933822208
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 81.0
Water Found Depth UOM: ft

Site:
lot 23 ON

Database:
WWIS

Well ID: 5118192
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:

Data Entry Status:
Data Src: 1
Date Received: 8/12/1999
Selected Flag: True
Abandonment Rec:
Contractor: 7030

Casing Material:
Audit No: 208334
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Form Version: 1
Owner:
Street Name:
County: PETERBOROUGH
Municipality: CAVAN TOWNSHIP
Site Info:
Lot: 023
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10346221
DP2BR: 219.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 04-Aug-1999 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 932154244
Layer: 5
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 120.0
Formation End Depth: 191.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932154242
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 85.0
Formation End Depth: 108.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932154243
Layer: 4
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 30
Mat3 Desc: MEDIUM GRAVEL
Formation Top Depth: 108.0
Formation End Depth: 120.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932154241
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 2.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932154240
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932154245
Layer: 6
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 05
Mat2 Desc: CLAY
Mat3:
Mat3 Desc:
Formation Top Depth: 191.0
Formation End Depth: 215.0

Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932154246
Layer: 7
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 215.0
Formation End Depth: 219.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932154247
Layer: 8
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 219.0
Formation End Depth: 222.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933175745
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 965118192
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10894791
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930568166
Layer: 2
Material:

Open Hole or Material:
Depth From:
Depth To: 222
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930568165
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 219
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 995118192
Pump Set At:
Static Level: 71.0
Final Level After Pumping: 150.0
Recommended Pump Depth: 210.0
Pumping Rate: 10.0
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: 4
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935067410
Test Type: Draw Down
Test Duration: 60
Test Level: 150.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934548301
Test Type: Draw Down
Test Duration: 30
Test Level: 110.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934278244
Test Type: Draw Down
Test Duration: 15
Test Level: 93.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934801249

Test Type: Draw Down
Test Duration: 45
Test Level: 130.0
Test Level UOM: ft

Water Details

Water ID: 933822207
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 222.0
Water Found Depth UOM: ft

Site:
lot 23 ON

Database:
WWIS

Well ID: 5118228
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 208336
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 9/23/1999
Selected Flag: True
Abandonment Rec:
Contractor: 7030
Form Version: 1
Owner:
Street Name:
County: PETERBOROUGH
Municipality: CAVAN TOWNSHIP
Site Info:
Lot: 023
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10346257
DP2BR: 243.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 19-Sep-1999 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 932154367
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:

Mat3:
Mat3 Desc:
Formation Top Depth: 73.0
Formation End Depth: 114.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932154369
Layer: 5
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 152.0
Formation End Depth: 197.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932154365
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932154371
Layer: 7
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 216.0
Formation End Depth: 243.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932154370
Layer: 6
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY

Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 197.0
Formation End Depth: 216.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932154368
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 05
Mat2 Desc: CLAY
Mat3:
Mat3 Desc:
Formation Top Depth: 114.0
Formation End Depth: 152.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932154366
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 2.0
Formation End Depth: 73.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932154372
Layer: 8
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 243.0
Formation End Depth: 244.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933175791
Layer: 1
Plug From: 0
Plug To: 20

Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 965118228
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10894827
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930568219
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 244
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930568218
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 243
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 995118228
Pump Set At:
Static Level: 120.0
Final Level After Pumping: 164.0
Recommended Pump Depth: 10.0
Pumping Rate: 10.0
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: 5
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934277580
Test Type: Draw Down
Test Duration: 15

Test Level: 130.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934548333
Test Type: Draw Down
Test Duration: 30
Test Level: 142.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934801281
Test Type: Draw Down
Test Duration: 45
Test Level: 150.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935066745
Test Type: Draw Down
Test Duration: 60
Test Level: 159.0
Test Level UOM: ft

Water Details

Water ID: 933822245
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 243.0
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: 1999-Dec 31, 2020

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2018

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: Jul 31, 2020

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-Dec 31, 2020

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 -Apr 2021

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-Nov 2020

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-May 31, 2021

Drill Hole Database:

Provincial

[DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2020

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: Jul 31, 2020

Environmental Activity and Sector Registry:

Provincial

[EASR](#)

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

Government Publication Date: Oct 2011-May 31, 2021

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-May 31, 2021

Environmental Compliance Approval:

Provincial

[ECA](#)

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

Government Publication Date: Oct 2011- May 31, 2021

Environmental Effects Monitoring:

Federal

[EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

[EHS](#)

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

Government Publication Date: 1999-Jan 31, 2021

Environmental Issues Inventory System:

Federal

[EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial

EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

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: Jul 31, 2020

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-Apr 2021

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal

FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial

FST

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

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

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Apr 30, 2021

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: Jul 31, 2020

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: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Dec 2020

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2019

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Mar 31, 2021

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

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

Federal

NPCB

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

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

Federal

NPRI

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

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

Private

OGWE

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

Government Publication Date: 1988-Feb 28, 2021**Ontario Oil and Gas Wells:**

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jun 2020**Inventory of PCB Storage Sites:**

Provincial

OPCB

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

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

Provincial

ORD

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

Government Publication Date: 1994-Apr 30, 2021**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-May 31, 2021

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: Oct 31, 2020

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994-May 31, 2021

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, 1992-2018

Record of Site Condition:

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-May 2021

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-Dec 31, 2020

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Aug 2020

Wastewater Discharger Registration Database:

Provincial

[SRDS](#)

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

Government Publication Date: 1990-Dec 31, 2018

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 - Dec 2020

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: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-May 31, 2021

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 30th, 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: Apr 30, 2021

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 D

Opta Report



enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:
Sunita

Site Address:

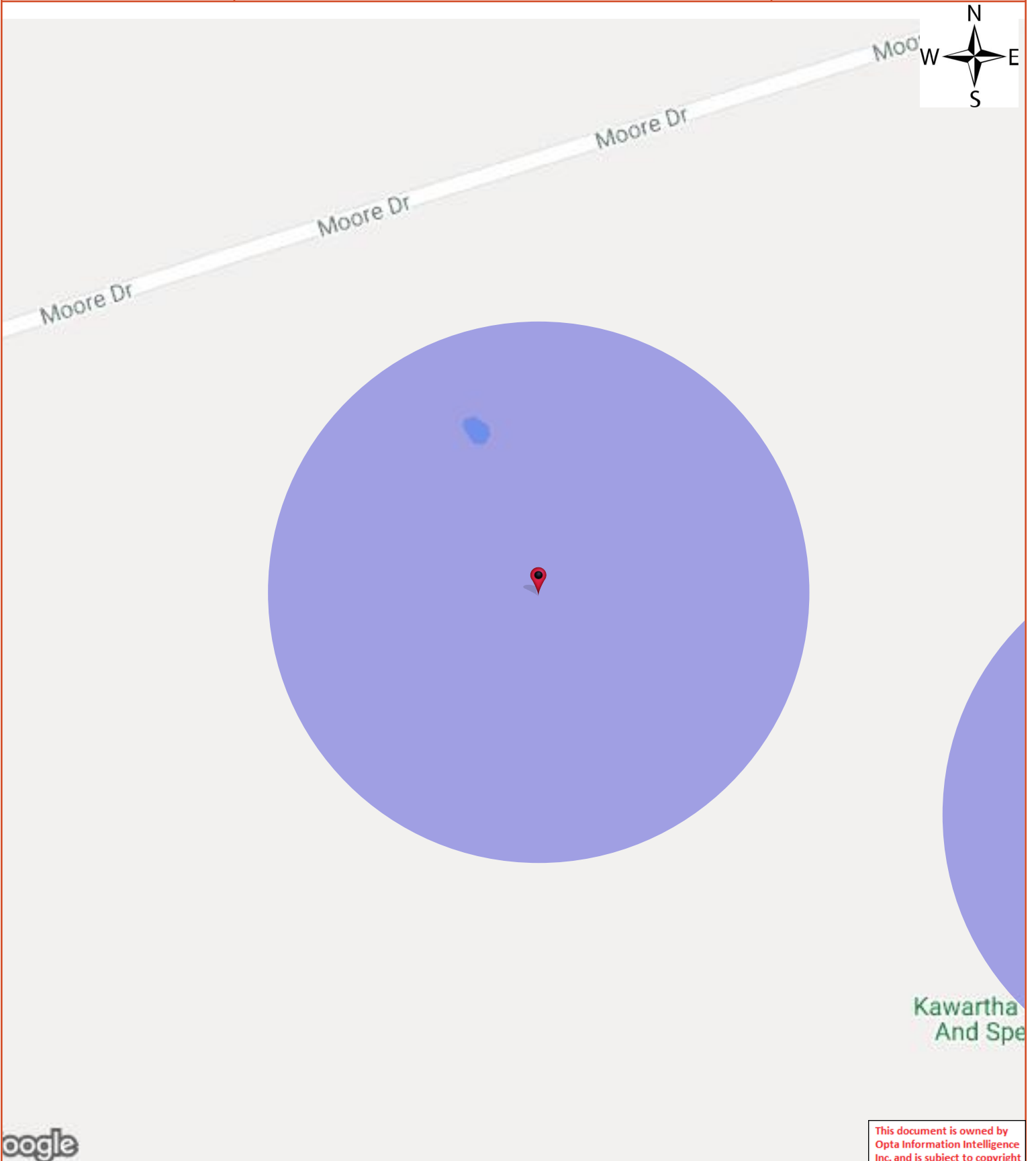
1683 Moore Drive 1382 1409 County Road 28 Fraserville ON

Project No:

21071400031
Opta Order ID:
93414

Requested by:
Eleanor Goolab
Ecolog Eris

Date Completed:
7/20/2021 2:06:35 PM



Opta Historical Environmental Services EnviroscanTM

Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

No Records Found

Requested by:
Eleanor Goolab
Date Completed: 07/20/2021 14:06:35



OPTA INFORMATION INTELLIGENCE

No Records Found





Appendix E

Aerial Imagery Review



Year	Source	Notes
1959	NAPL	The Site has been developed with the residential dwellings at 1683 Moore Drive and 1490 County Road 28. Surrounding properties are used for agricultural or rural residential purposes.
1981	NAPL	No significant change to the Site from the 1959 image. The property to the south at 1382 County Road 28 has been developed for commercial use with a racetrack. Other surrounding properties are used for agricultural or rural residential purposes.
2008	GIS	No significant change to the Site and surrounding properties from the 1981 image. The commercial property at 1382 County Road 28 has undergone additional development.
2020	GIS	No significant change to the Site and surrounding properties from the 2008 image. The Site and surrounding properties are in a similar configuration to today. The residential dwellings on-site are in a similar configuration to today.

Sources: NAPL – National Air Photo Library
GIS – County of Peterborough online GIS



Appendix F

Curriculum Vitae



BRAD SAWDON, P.Geo., EP

Senior Project Manager

Mr. Sawdon holds an Honours Bachelor's degree in Environmental Studies from the University of Waterloo and is a Project Manager at Cambium. Mr. Sawdon is a licensed Professional Geoscientist (P.Geo.) with the Association of Professional Geoscientists of Ontario and is a Qualified Person (QP_{ESA}) for Environmental Site Assessments under the Environmental Protection Act. Mr. Sawdon also maintains an Environmental Professional (EP) designation with the Canadian Environmental Certification Approvals Board (CECAB), with a specialization in Air Quality. Mr. Sawdon has 13 years of employment experience in the environmental consulting field, working throughout Ontario, Alberta, British Columbia, Saskatchewan and Northwest Territories.

SUMMARY OF PROFESSIONAL EXPERIENCE

- 2011 – Present Senior Project Manager. Cambium Inc.
Peterborough, Ontario, Canada
Mr. Sawdon's responsibilities include the coordination and management of projects related to environmental site assessments, soil and groundwater remediation, soil management, risk assessment, air quality, and source (stack) emission testing. Mr. Sawdon has extensive experience with proposal and report preparation including data compilation, interpretation, and completion of final reports.
- 2008 – 2010 Project Manager (succeeding field technologist). O'Connor Associates Environmental Inc.
Calgary, Alberta, Canada
Mr. Sawdon's responsibilities included project management and field component of work related to Phase I, Phase II and Phase III Environmental Site Assessments (ESAs), risk management plans, aquatic pathway assessments, and compliance groundwater monitoring and sampling events. Mr. Sawdon was involved with providing the client with cost estimation for all aspects of a project, supervising field technicians and technical support staff, scheduling of field work, arranging for required sub-contractors, and analyzing and interpreting the field data in order to write the related reports.
- 2008 Project Consultant. Calvin Consulting Group Ltd.
Calgary, Alberta, Canada
Mr. Sawdon's responsibilities included preparation and writing of regulatory approval applications for obtaining operating permits or amendments, and assisting with reports related to dispersion modelling, environmental impact assessment, systems audits, and quality assurance plans. Mr. Sawdon also reported for National Pollutant Release Inventory (NPRI) and Greenhouse Gas reporting to Environment Canada for several major Canadian companies.
- 2006 – 2008 Team Lead. Source Testing Department, Maxxam Analytics Inc.
Calgary, Alberta, Canada
Mr. Sawdon's responsibilities included leading crews of field technicians in sampling of various air pollution sources for compliance purposes. Mr. Sawdon is experienced in the Environment Canada and United States Environmental Protection Agency methods for testing particulate matter, metals, mercury, organics, sulphur dioxide, oxides of nitrogen, etc. Mr. Sawdon ensured the production of high quality, legally defensible data, safely and on time to the contracting company and to Alberta Environment.

PROFESSIONAL ASSOCIATIONS

- Professional Geoscientist (P.Geo.); Association of Professional Geoscientists of Ontario
- Environmental Professional (EP); Canadian Environmental Certification Approvals Board



EDUCATION & TRAINING

Education

2003 Honours Bachelor of Environmental Studies, University of Waterloo, Waterloo, Ontario

Courses

2015-18 SMART Remediation Conferences, Vaughan, Ontario

2016 Air and Acoustic Monitoring Conference, Air & Waste Management Association, Waterloo, Ontario

2015 Various Short Courses, International Association of Hydrogeologists Conference, Waterloo, Ontario

2013 Soil Vapour Seminar and Workshop, Maxxam Analytics Inc., Mississauga, Ontario

2012 Odour Workshop, Air & Waste Management Association, Mississauga, Ontario
Understanding Asbestos Workshop, EMSL Analytical Inc., Brampton, Ontario
Indoor Air Quality/Industrial Hygiene Sampling Workshop, EMSL Analytical Inc., Brampton, Ontario

2011 AERMOD Air Dispersion Modelling Course, Lakes Environmental, Toronto, Ontario

2010 Nielsen Environmental Field School, Calgary, Alberta

Health and Safety

2014 Trenching and Excavation Safety, Compliance Training Online, Peterborough, Ontario

2013 Lockout – Tagout, Controlling Hazardous Energy, Stear & Associates, Peterborough, Ontario

2013 Fall Protection Training, Stear & Associates, Peterborough, Ontario

2012 First Aid - Level A CPR/AED, ADET Inc., Peterborough, Ontario

2011 Asbestos Awareness Training, Act First Safety, Peterborough, Ontario

2009 Petroleum Oriented Safety Training online course, Calgary, Alberta
Ground Disturbance Level II Course, Global Training Centre, Calgary, Alberta
Mentally Active Driver Program, Fleet Safety International, Calgary, Alberta

2008 Construction Safety Training System and Confined Spaces Training, Alberta Construction Safety Association, Calgary, Alberta
Leadership for Safety Excellence Course, Alberta Construction Safety Association, Calgary, Alberta

2006 H2S Alive Course, ENFORM, Calgary, Alberta

SELECTED EXPERIENCE

ENVIRONMENTAL SITE ASSESSMENTS AND BROWNFIELD DEVELOPMENT

Mr. Sawdon has completed hundreds of Environmental Site Assessments on brownfield sites, existing commercial and industrial properties, and vacant lands, proposed for industrial and commercial development. Various assessments have included the removal of fuel storage tanks, contaminant delineation and remediation, risk assessment, and filing of Records of Site Condition. Contaminants of concern have included, but are not



limited to, petroleum hydrocarbons, chlorinated solvents, volatile and semi-volatile organic compounds, polycyclic aromatic hydrocarbons, polychlorinated biphenyls (PCBs), and metals.

RISK MANAGEMENT MONITORING AND ENVIRONMENTAL PROTECTION – ORILLIA, ONTARIO

Annual assessment of on- and off-site groundwater, surface water and sediment sampling, soil vapour sampling, in addition to an ecological assessment of plants, the aquatic community, and wildlife. Environmental services are conducted as per the Certificate of Property Use (CPU) and the Risk Management Measures developed for the site.

Once approved for development, the City moved forward to prepare the site as home for their future Recreation Centre. Under the project management of Mr. Sawdon, Cambium continues to work on the project as an environmental consultant for the use and management of this brownfield site. Site activities overseen by Mr. Sawdon include dewatering treatment system sampling, construction air monitoring, soil and water sampling, risk management measures oversight, soil management, etc. *Client: The Corporation of the City of Orillia.*

PETERBOROUGH AIRPORT, ENVIRONMENTAL ASSESSMENT – PETERBOROUGH, ONTARIO

Presently undertaking a long-term investigation of contaminant impacts, primarily PCBs, at the Peterborough Municipal Airport. Historical information indicates the airport property was used as a landfill for approximately 20 years, approximately 50 years ago. In addition, during the 1980's and early 1990's, sewage biosolids and lagoon sludge were periodically spread on the landfill. The ongoing investigation aims to identify and prioritize PCB "hot spots" on the airport property in order to guide management recommendations and in turn mitigate adverse effects of PCBs on the surrounding environment.

Under the project management of Mr. Sawdon, Cambium's involvement with this project includes the following scope of work:

- Surface Water and Sediment Sampling of on-site and off-site surface water bodies and receptors
- Delineation of the former landfill boundary and associated impacts
- Excess soil management, including development of the Soil Management Plan, and characterization and proper disposal of excess soil
- Erosion and Sediment Control Plan
- Risk Assessment, ecological and human health

The Peterborough Municipal Airport assessment involves a legacy-contaminated property, the presence of toxic and persistent contaminants (PCBs), an aquatic environment, and public scrutiny. *Client: The Corporation of the City of Peterborough.*



FORMER MURATA ERIE NORTH AMERICA SITE – TRENTON, ONTARIO

Work included a Phase I and Phase II ESA, Risk Assessment, and site remediation of a groundwater plume containing dissolved volatile organic compounds (chlorinated solvents), migrating southeasterly from the Site and extending to the Bay of Quinte. Cambium initially developed a remedial options study which reviewed several methods for the remediation of chlorinated hydrocarbons including risk assessment and multiple in-situ and ex-situ technologies. The results guided a design and build of an in-situ groundwater remediation using pump and treat techniques. Cambium continues to operate the system which has extracted approximately 100 kg of chlorinated solvents since 2007. *Client: The Corporation of the City of Quinte West.*

SUBSURFACE INVESTIGATION – PORT HOPE, ONTARIO

Conducted a drilling and soil sampling program at a site impacted by low-level radioactive waste. The specific contaminants of concern were Radium-226, Thorium-230, Uranium and Arsenic, and the project included a large aspect of radiation safety. *Client: Public Works and Government Services Canada.*

LAKE ONTARIO DREDGING, SEDIMENT MANAGEMENT – TRENTON, ONTARIO

Cambium provided an ex-situ Sediment Sampling and Characterization Plan as a component of a Dredging Plan. The Plan included a summary of required sampling procedures and methodology to ensure excavated sediment materials were managed in a manner consistent with applicable guidelines and legislation. Cambium completed the sediment sampling for analytical testing, and reporting. *Client: Shoreplan Engineering Limited.*

290 WATER STREET ESA – PETERBOROUGH, ONTARIO

Phase I and Phase II ESA, investigated and delineated soil and groundwater contaminants, and facilitated a Risk Assessment, at a site is currently occupied by a commercial printing press operation, and was historically occupied by a canoe manufacturer. The site is also adjacent to a river, a former railway line, and a former coal gasification plant. Due to the varying land uses, a large number of contaminants were of concern at the site. Conducted an extensive drilling program including both shallow aquifer and deep aquifer monitoring wells to assess the light non-aqueous phase liquids and dense non-aqueous phase liquids. *Client: The Corporation of the City of Peterborough.*

JIFFY LUBE PHASE I AND PHASE II ESA – PETERBOROUGH, ONTARIO

Phase I and Phase II Environmental Site Assessment of a Jiffy Lube service station, adjacent to a laundromat and dry cleaners. Conducted a drilling program including both shallow aquifer and deep aquifer monitoring wells to assess the potential light non-aqueous phase liquids and dense non-aqueous phase liquids. *Client: 462455 Ontario Ltd. and Reach Car Wash.*



AIR QUALITY ASSESSMENTS

Cambium has been contracted by several industrial, commercial, and residential institutions to conduct outdoor (ambient) air quality assessments and Indoor Air Quality Assessments (IAQs). Cambium's responsibilities typically involve assessing, documenting and sampling the air and inspecting the processes and systems that may contribute to air quality issues. Studies have included environmental compliance monitoring, odour assessments, baseline monitoring, and equipment selection expertise; and may employ active and passive sampling, for both short-term and long-term monitoring programs. Projects have fallen under numerous regulatory bodies such as the Ministry of the Environment and Climate Change, Public Health Ontario, Ministry of Labour, and the Occupational Health and Safety Act. Mr. Sawdon's responsibilities include performing the initial assessment, air sample collection, and review/interpretation of the data, and associated reporting.

FORMER DELORO MINE SITE – DELORO, ONTARIO

Beginning in 2015 and continuing through present, Cambium has been the consultant responsible for environmental services during the remediation of Young's Creek, down-gradient of the former Deloro mine site. Mr. Sawdon has been project manager for the ambient air monitoring program as well as various soil and water sampling, and other environmental protection aspects. Cambium's air monitoring program consists of monitoring/sampling of particulate matter using low- and high-volume filter methods, continuous measurement, and dustfall sampling at four sampling stations in the vicinity of the remediation area.

Various metals and radionuclide analyses is conducted on the samples collected in order to ensure the health and safety of site workers and local residents. Additionally, Cambium utilizes meteorological stations to obtain wind direction, wind speed, precipitation, and temperature to aid in the investigation. *Client: QM Environmental.*

UNIMIN NEPHELINE SYENITE OPERATIONS – HAVELOCK, ONTARIO

From 2012 to 2015, Cambium conducted an ambient air monitoring program for Unimin in response to an order from the Ministry of the Environment and Climate Change. Cambium's air monitoring program consisted of monitoring/sampling of particulate matter using filter methods, continuous measurement by light-scattering technology, and dustfall sampling at two to six sampling sites in the vicinity of the mine.

Various metals analyses and optical characterization was conducted on the samples collected in order to aid in sourcing the particulate matter. Additionally, Cambium utilized meteorological stations to obtain wind direction, wind speed, precipitation, and temperature to aid in the investigation. *Client: Unimin Canada Ltd.*

SOURCE EMISSION TESTING

Mr. Sawdon has over seven years and a wide array of source emission testing including volatile organic compounds, metals, particulate matter, dioxins/furans, acid gases, landfill gas and digester gas. Provincial and federal government regulatory bodies require that facilities emitting quantities of regulated substances have



testing conducted for compliance and reporting measures. Mr. Sawdon has carried out source emission testing for regulatory compliance and otherwise at dozens of facilities across Ontario, Alberta, British Columbia, Northwest Territories, and Saskatchewan. Facilities range from pulp and paper mills, lumber mills, sour gas plants, mining facilities, power plants, cremation units, chemical manufacturers, etc. Mr. Sawdon is well familiarized with source testing regulations and procedures developed by Environment Canada, Alberta Environment, Ontario Ministry of the Environment and Climate Change, and U.S. Environmental Protection Agency.