



August 4, 2021

Prepared for: RIC (Highway 28) Inc.

Cambium Reference: 12579-002

CAMBIUM INC.

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# **Executive Summary**

RIC (Highway 28) Inc. retained Cambium Inc. to complete a Phase I Environmental Site Assessment of the property at 1382 County Road 28 in Fraserville, Ontario. The 48.2 ha Site consists of a rectangular land parcel that is developed with a two-storey slab-on-grade commercial building, five barns/stables, a building used by an on-site veterinarian, a grounds office, a tools and equipment building, two race tracks, and parking lot.

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 sources of environmental contamination:

## **On-Site**

- Fuel drum storage in the green barn in the north portion of the Site
- Gasoline and diesel ASTs on the west side of the tool and equipment building
- Generator on the south side of the main building
- Transformer station on-site
- Potentially imported fill of unknown quality in the northeast portion of the Site as noted in the 2008 aerial image

#### Off-Site

- Gasoline/diesel AST at 1490 County Road 28
- Potential use of organochlorine pesticides on crops



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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.

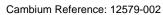




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## 1.0 Introduction

RIC (Highway 28) Inc. (the 'Client') retained Cambium Inc. (Cambium) to complete a Phase I Environmental Site Assessment (ESA) of the property at 1382 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 images, 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 48.2 ha (119.2 acre) rectangular land parcel at 1382 County Road 28 in Fraserville, Ontario. The Universal Transverse Mercator coordinates for the centre of the Site are Zone 17T, 708,613 m east, 4,898,285 m north. The site location is shown on Figure 1.

The Site is developed with a two-storey slab-on-grade commercial building, five barns/stables, a building used by an on-site veterinarian, a grounds office, and a tools and equipment building, originally constructed in approximately 1970, with an addition constructed in the late 1990s. A green barn is located in the north portion of the Site which was historically used for storage. The current occupant of the Site is Kawartha Downs and Speedway.

The Site is generally flat, with a gradual slope down to the south and west. The Site is surrounded by agricultural properties to the north, west and south, and residential dwellings to the southeast, with the east portion of the Site fronting on County Road 28.

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)
- 1959, 1981, 2008, and 2020 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.

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# 4.0 Phase I ESA Findings

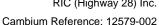
#### 4.1 Records Review

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.
  - o The ground surface at the Site slopes down to the south and the west.
  - Surface water drainage at the Site is expected to infiltrate the ground surface and be directed toward ditch lines which discharged off-site into surrounding wetlands.
  - 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 north portion of the Site and to the west 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 is in the central and south portion of the Site of mapped as sand, gravel, minor silt and clay, foreshore and basinal deposits (OGS, 2010), and in the north portion is mapped as silt and clay, minor sand and gravel massive to well laminated (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 1959 aerial image the Site has not been developed with the main building or tracks. The green barn located in the north portion of the Site is present along with a potential farm house. The Site is used for agricultural purposes. In the 1981 aerial image the Site has been developed with the main building, the barns/stables and a single track. The 2008 aerial image shows the Site and surrounding properties in a similar configuration to today. There is vehicle or equipment storage in the parking lot north of the track and west of the barn. There is potentially imported soil materials in the northwest corner of the Site with access being obtained from the north driveway and from 1490 County Road 28. 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.

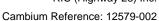
A response from the Ministry was not received prior to completion of this report. The FOI response will be provided under separate cover if it changes the findings of the Phase I ESA.

A response received from the TSSA did not identify any records associated with the Site. Four active listings were identified for 1315 Country Road 28 for two underground tanks. This property is about 200 m to the southeast 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 contained the following pertinent listings for the Site and neighbouring properties. A copy of the ERIS report is provided in Appendix C.

## **On-Site Records**

- The Certificates of Approval database included six listings for 1382 Country Road 28 for a
  water supply system and upgrade in 2002, a municipal and private sewage works in 2003
  and 2004, industrial sewage works in 2006,
- The Ontario Regulation 347 Waste Generators Summary database contained 17 listings for 1382 County Road 28, Kawartha Downs Ltd for the generation of landfill leachates, paint/pigment/coating residues, aliphatic solvents, petroleum distillates, waste oil and lubricants, emulsified oils, and pathological wastes, for the years 2003 to 2008, 2010 to 2016, 2018 and as of April 2021.
- The Ontario Spills database includes four listings for Kawartha Downs Ltd. for a spill of 900 to 1,000L of raw sewage in 2010, a spill of 8L of raw sewage in 2016, and spills of 0.5L of leachate from a trash can, compactor, etc. in 2016 and in 2017 which were contained and cleaned.





The generator listings associates with paint/pigment/coating residues, aliphatic solvents, petroleum distillates, waste oil and lubricants, and emulsified oils at the Site poses an environmental concern for the Site.

## **Off-Site Records**

## 1316 County Road 28 (100 m to the south)

The Ontario Regulation 347 Generators Summary database contained one listing associated with GFE Inc. for the generation of waste oils and lubricants and oil skimmings and sludges in 2007 and 2008.

This property is approximately 100 m south of the Site, and is cross-gradient to down-gradient from the Site with respect to the inferred groundwater flow direction. The property currently operates as Doyle Plumbing, Heating and Cooling and a trucking facility for Pepsi Co Beverages Canada. Based on distance from the Site, direction of inferred groundwater flow, and the absence of spill reports, this property does not pose an environmental concern for the Site.

### Other ERIS Listings

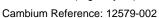
The ERIS report also contained additional off-site listings in various databases. Review of these records indicated the data was for properties not in close proximity to the Site or was not environmentally significant.

Several unplottable 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. Peter Larush, grounds crew, was available to provide access.

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 a two-storey slab-on-grade commercial building, five barns/stables, a building used by an on-site veterinarian, a grounds office, and a tools and equipment building, originally constructed in approximately 1970, with an addition to the main building in the late 1990s. Access to the Site is from County Road 28. Two large race tracks for horse racing and cars is located east of the main building. Landscaped areas are located around the tracks and between the stables. Parking for the main building is permitted to the southeast. An old barn is located on the north site of the Site. The barn is currently occupied by various items and debris. The ground floor of the barn contained fuel drums, many of which were partially full.

# 4.2.2 Storage Tanks

Two 2,200 L, single-walled steel ASTs were observed on the west side of the tools and equipment storage building. The tanks were installed on competent concrete pad, and minor visible evidence of spills (i.e., staining) was observed on the ground surface in the vicinity of the ASTs. Secondary containment was not present beneath the tanks.

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

The main building is heated by natural gas and the barns are heated by propane. A generator is present on the south side of the main building. No odour or staining was observed around the generator.

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. Small amounts of chemicals, including water soluble adhesives and paints, were observed stored in sealed containers of up to 20 L. These chemicals were in appropriate containers and stored on shelves. No significant staining or spills were observed in the vicinity of these materials.

# 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. Floor drains were observed in the utility room and the stables. No petroleum hydrocarbon sheen was noted on the surface of the water within the drains.

## **4.2.8** Spills

No spills were observed or reported during the site visit.

#### **4.2.9** Stains

Minor staining was observed around the gas and diesel AST.

## 4.2.10 Fill

No fill was observed during the Site visit. The surface elevation at the Site is similar to the surrounding properties.

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#### 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

Fluorescent light fixtures were observed throughout the building. Based on the age of the building (50 years), PCB containing light ballasts are potentially present. Prior to disposal, light ballasts should be checked for the presence or absence of PCBs to determine proper disposal.

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 (50 years) of the building, it is possible that asbestos-containing materials (ACM) are present in building materials.

#### 4.2.12.3 Lead

Based on the age (50 years) of the building, there is potential for the presence of lead in originally painted surfaces. Painted surfaces were in good condition.

#### 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 airconditioning units.



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## 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 (50 years) of the building, 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/m<sup>3</sup> (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 herbicides were observed during the site visit.

## 4.2.14 Potable Water Supply

The Site is serviced for drinking water by a holding tank which receives water delivered throughout the week. An old stone well was observed in the north porting of the Site adjacent to the green barn. The well did not appear to be in use and was covered with sheet steel.

#### 4.2.15 Septic Fields

The Site is serviced by a septic system located between the main building and the barns/stables.



# 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.

#### 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. No significant environmental concerns are expected associated with the current and former uses of the adjacent properties.

Adjacent property uses include:

North – Agricultural (1490 County Road 28)

South – Agricultural, hamlet residential

East – County Road 28, rural residential properties

West – Provincially significant wetland, agricultural

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## 4.3 Interviews

Cambium interviewed Mr. Peter Larush, ground crew. Mr. Larush has been employed at the Site for about three years. 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 Concerns**

- Fuel drum storage in the green barn in the north portion of the Site
- Gasoline and diesel ASTs on the west side of the tool and equipment building
- Generator on the south side of the main building
- Transformer station in the south portion of the Site
- Potentially imported fill in the northeast portion of the Site as noted in the 2008 aerial image

## Off-Site

- Gasoline/diesel AST at 1490 County Road 28
- Potential use of organochlorine pesticides on crops



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## 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.

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# 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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## 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.



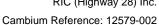
Cambium Reference: 12579-002 2021-08-04

## 9.0 References

- Carex. (2019, 04 01). Carex Canada Inc. Retrieved from Radon:

  https://www.carexcanada.ca/en/radon/environmental\_estimate/#provincial\_tables\_and\_
  maps+maps
- Chapman, L., & Putnam, D. (2007). *The Physiographic Regions of Southern Ontario;*MIscellaneous Release--Data 228. Ontario Geological Survey.
- City of Peterborough. (2016). *Peterborough, Ontario, Canada City Directories*. Retrieved November 28, 2016, from https://archive.org/details/peterboroughcitydirectories?&sort=-date&page=2
- CSA. (2016). Z768-01 (R2016) Phase I Environmental Site Assessment. Canadian Standards Association.
- ERIS. (2021). Database Report. Environmental Risk Information Services Ltd.
- MNRF. (2021). *Make a Topographic Map*. Retrieved from Ministry of Natural Resources and Forestry:
  - hhttps://www.gisapplication.lrc.gov.on.ca/matm/Index.html?viewer=Make\_A\_Topographic\_Map.MATM&locale=en-US
- MNRF. (2021b, 06 24). *Make a Map: Natural Heritage Areas*. Retrieved from Ministry of Natural Resources and Forestry:

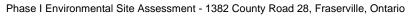
  https://www.gisapplication.lrc.gov.on.ca/mamnh/Index.html?site=MNR\_NHLUPS\_NaturalHeritage&viewer=NaturalHeritage&locale=en-US
- MOE. (1988a). *Inventory of Industrial Facilities Producing or Using Coal Tar or Related Tars in Ontario, Volume I.* Ministry of the Environment. November 1988.
- MOE. (1988b). *Inventory of Coal Gasification Plant Waste Sites in Ontario.* Ministry of the Environment. November 1988.
- MOE. (1991). Waste Disposal Site Inventory. Ministry of the Environment. June 1991.





- OGS. (2007). Paleozoic geology of southern Ontario; Ontario Geological Survey, Miscellaneous Release--Data 219. Ontario Geological Survey.
- OGS. (2010). Surficial geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release--Data 128-REV. Ontario Geological Survey.
- Peterborough. (2021, 06 24). *The City of Peterborough Official Plan, December 2019.*Retrieved from The City of Peterborough: https://www.peterborough.ca/en/doing-business/resources/Documents/OfficialPlan-ConsolidatedTo2019Dec31.pdf

REMC. (2013). Radon Potential Map Ontario. Radon Environmental Management Corp.

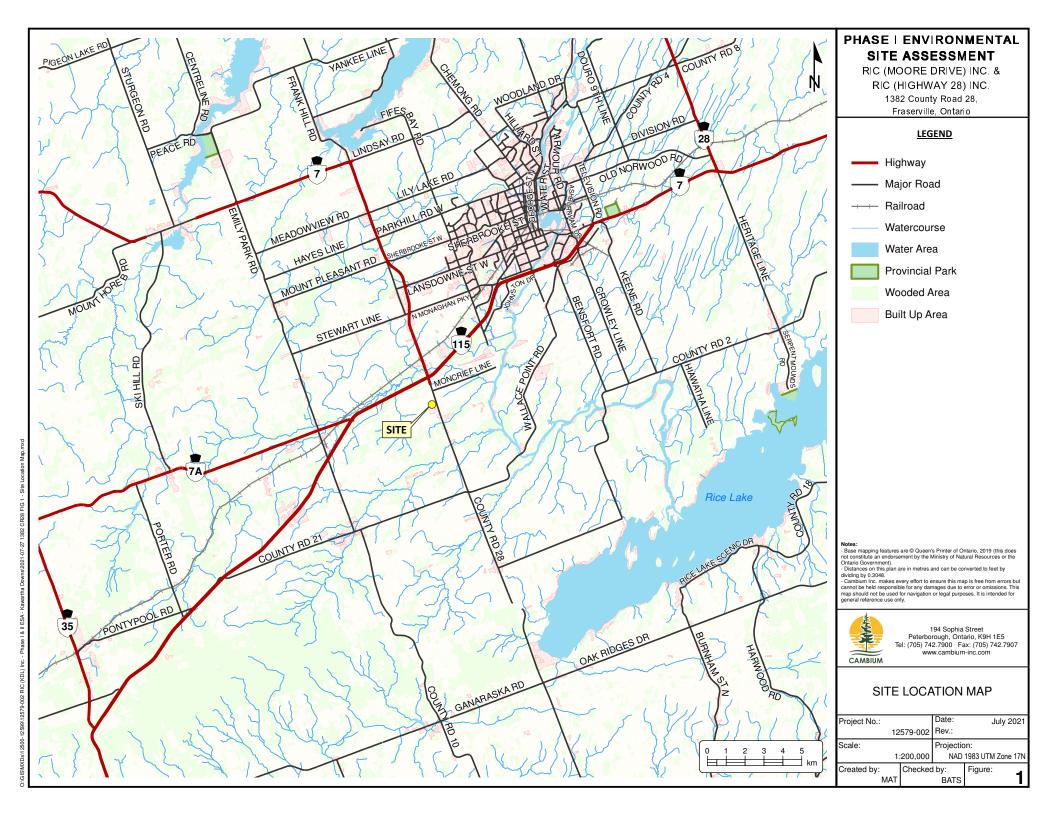




Cambium Reference: 12579-002

2021-08-04

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RIC (MOORE DRIVE) INC. & RIC (HIGHWAY 28) INC. 1382 County Road 28, Fraserville, Ontario

#### LEGEND

Site (approximate)

LAND USE

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.

- 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.



MAT

194 Sophia Street Peterborough, Ontario, K9H 1E5 Tel: (705) 742.7900 Fax: (705) 742.7907

#### SITE PLAN AND SURROUNDING LAND USE

Project No.: July 2021 12579-002 Rev.: Scale: Projection: NAD 1983 UTM Zone 17N 1:10,000 Checked by: Created by:

BATS

RIC (MOORE DRIVE) INC. & RIC (HIGHWAY 28) INC. 1382 County Road 28, Fraserville, Ontario

#### **LEGEND**

Site (approximate)

Notes:

- Imagery was obtained from the National Air Photo Library of Canda.

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#### 1959 AERIAL IMAGERY

July 2021 Project No.: 12579-002 Rev.: Projection: Scale: NAD 1983 UTM Zone 17N 1:7,000

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#### **LEGEND**

Site (approximate)

Notes:
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#### 1981 AERIAL IMAGERY

July 2021 Project No.: 12579-002 Rev.: Projection: Scale: NAD 1983 UTM Zone 17N 1:7,000

Created by: Checked by: MAT BATS

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#### **LEGEND**

Site (approximate)

Notes:
- Imagery was obtained from Peterborough County online GIS database.
- Base mapping features are © Queen's Printer of Ontario, 2019 (this does not consiliude an endorsement by the Ministry of Natural Resources or the Ontario Government).
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#### 2008 AERIAL IMAGERY

July 2021 Project No.: 12579-002 Rev.: Projection: Scale: NAD 1983 UTM Zone 17N 1:7,000

Created by: Checked by: MAT BATS

RIC (MOORE DRIVE) INC. & RIC (HIGHWAY 28) INC. 1382 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.

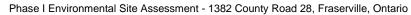
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#### 2020 AERIAL IMAGERY

July 2021 Project No.: 12579-002 Rev.: Scale: Projection: NAD 1983 UTM Zone 17N 1:10,000 Checked by: Created by: MAT BATS





Cambium Reference: 12579-002

2021-08-04

<b>Appendix</b>	A
Photograph	าร







Photo 1 Kawartha Downs and Speedway main building and parking lot, July 2021.



Photo 2 Barns/stables located north of main building, July 2021.





Photo 3 Interior of barn/stables, July 2021.



Photo 4 Tracks located east of main building, July 2021.





Photo 5 Diesel and gasoline ASTs located west of tools and equipment building, July 2021.



Photo 6 AST tag, July 2021.





Photo 7 Waste storage area, July 2021.



Photo 8 Water tank location, south of tool and equipment building, July 2021.





Photo 9 Transformer station, south of main parking lot, July 2021.



Photo 10 Green barn located on north portion of the Site, July 2021.





Photo 11 Debris and junk on second floor of green barn, July 2021.



Photo 12 Old hay storage on second floor of green barn, July 2021.





Photo 13 Fuel drums on ground floor of green barn, July 2021.



Photo 14 Fuel drum on ground floor of green barn, July 2021.

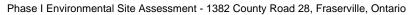




Photo 15 Location of stone well in relation to green barn, southeast corner, July 2021.



Photo 16 Interior of stone well, July 2021.





RIC (Highway 28) Inc.

Cambium Reference: 12579-002

2021-08-04

# Appendix B Freedom of Information Requests

### **David Fleming**

From: Public Information Services <publicinformationservices@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	<b>▼</b> ADDRESS	-▼ CITY ▼ F	PROVINCE POSTAL CODE	STATUS	FACILITY/
50380069	1315 COUNTY RD 28	FRASERVILLE (	ON KOL 1VO	ACTIVE	FS GASOLI
50510692	1315 COUNTY RD 28	FRASERVILLE	ON KOL 1VO	ACTIVE	FS LIQUID
50510693	1315 COUNTY RD 28	FRASERVILLE (	ON KOL 1VO	ACTIVE	FS LIQUID
52896780	1315 COUNTY RD 28	FRASERVILLE	ON KOL 1VO	ACTIVE	FS CYLIND

For a further search in our archives please complete our release of public information form found at <a href="https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?mid=392">https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?mid=392</a> and email the completed form to <a href="publicinformationservices@tssa.org">publicinformationservices@tssa.org</a> 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 <publicinformationservices@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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# Ministry of the Environment and Climate Change

### Freedom of Information Request

Freedom of Information and Protection of Privacy Office 40 St. Clair Avenue West, 12<sup>th</sup> 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

is 416 314-4285.										
For Ministry Use Onl	ly									
FOI Request Number					Date Reques	t Received (y	yyy/mm/	dd)		
<del></del>										
Fee Paid					Cheque	☐ VIS	A/MC		Cash/N	loney Order
CNR ER	□ №	R	SWR	WCR	☐ IEB	EAA	EN	∕IR ☐ S	СВ	SDW
1. Requester Data										
Last Name					First Name				Middle	Initial
David					Fleming					
Title	Title				Company Na				II.	
Senior Technologist	1				Cambium 1	Inc.				
Mailing Address					I.				20.	
Unit Number Street Number Street Name			e.					PO Box	x	
51	2		Hunter St	E						
City/Town					Province				Postal	Code
Peterborough				Ontario				K9H	1G5	
Email Address					Telephone N	umber		<u> </u>	Fax Nu	ımber
david.fleming@cambium-inc.com				705 742-79	900	•	ext.	705 7	42-7907	
Project/Reference Numb	per	Signatui	re of Request	ter						
12579-002				tay 7	M					
2. Request Paramete	ers									
Municipal Address (Mu		ress mai	ndatory for cit	ties towns or r	edions)					
167	treet Numbe		Street Name		egions)				PO Box	×
AND A CONTRACT OF A CONTRACT O	382		County R							
Lot Number			Concession		Geographic T	ownship				
City/Town/Village					Province				Postal	Code
Fraserville					Ontario					
Present Property										
1. Owner								Date of Owne	ership (y	yyy/mm/dd)
Kawartha Downs	s and Spe	edway								5-1-2
Tenant (if applicable)	-						- 1			
Add Present	Owner (+	)	Delete	]						
Previous Property		,		Ļ						
1. Owner								Date of Owne	ership (v	vvv/mm/dd)
									TV	Section 1
Tenant (if applicable)	·)						0			
a paramagan Vil Titoliana Titolia	·									
A 11 B				1						

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		None		
renewable energy	<b>/</b>	All		
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	<b>√</b>	All		
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	<b>✓</b>	All		
waste water - industrial discharge	<b>V</b>	All		
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites	<b>1</b>	All		
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	<b>✓</b>	All		

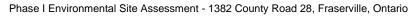
Proponent information must be provided and Environmental Compliance Approval/Certificate of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of \$300.00 may be incurred, depending on the types and years to be searched. Specify Approval number(s) (if known).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

Print Form

**Clear Form** 

tay Fuf

2146E (2016/11) Page 2 of 2





RIC (Highway 28) Inc.

Cambium Reference: 12579-002

2021-08-04

<b>Appendix</b>	C
<b>ERIS</b> Repo	rt



Phase I ESA - Kawartha Downs **Project Property:** 

1382 County Rd 28

Fraserville ON K0L 1V0

**Project No:** 12579-001

**Report Type:** Standard Report Order No: 21071400031 Requested by: Cambium Inc.

**Date Completed:** July 19, 2021

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#### Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

**Reliance on information in Report:** This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

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### **Executive Summary**

Project Property: Phase I ESA - Kawartha Downs

1382 County Rd 28 Fraserville ON K0L 1V0

Order No: 21071400031

**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

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Υ	0	0	0
AGR	Aggregate Inventory	Υ	0	0	0
AMIS	Abandoned Mine Information System	Υ	0	0	0
ANDR	Anderson's Waste Disposal Sites	Υ	0	0	0
AST	Aboveground Storage Tanks	Υ	0	0	0
AUWR	Automobile Wrecking & Supplies	Υ	0	0	0
BORE	Borehole	Υ	0	0	0
CA	Certificates of Approval	Υ	6	0	6
CDRY	Dry Cleaning Facilities	Υ	0	0	0
CFOT	Commercial Fuel Oil Tanks	Υ	0	0	0
CHEM	Chemical Manufacturers and Distributors	Υ	0	0	0
СНМ	Chemical Register	Υ	0	0	0
CNG	Compressed Natural Gas Stations	Υ	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Υ	0	0	0
CONV	Compliance and Convictions	Υ	0	0	0
CPU	Certificates of Property Use	Υ	0	0	0
DRL	Drill Hole Database	Υ	0	0	0
DTNK	Delisted Fuel Tanks	Υ	0	0	0
EASR	Environmental Activity and Sector Registry	Υ	0	0	0
EBR	Environmental Registry	Υ	0	0	0
ECA	Environmental Compliance Approval	Υ	9	0	9
EEM	Environmental Effects Monitoring	Υ	0	0	0
EHS	ERIS Historical Searches	Υ	0	0	0
EIIS	Environmental Issues Inventory System	Υ	0	0	0
EMHE	Emergency Management Historical Event	Υ	0	0	0
EPAR	Environmental Penalty Annual Report	Υ	0	0	0
EXP	List of Expired Fuels Safety Facilities	Υ	0	0	0
FCON	Federal Convictions	Υ	0	0	0
FCS	Contaminated Sites on Federal Land	Υ	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Υ	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Υ	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Υ	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Υ	17	10	27
GHG	Greenhouse Gas Emissions from Large Facilities	Υ	0	0	0
HINC	TSSA Historic Incidents	Υ	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Υ	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Υ	0	0	0
LIMO	Landfill Inventory Management Ontario	Υ	0	0	0
MINE	Canadian Mine Locations	Υ	0	0	0
MNR	Mineral Occurrences	Υ	0	0	0
NATE	National Analysis of Trends in Emergencies System	Y	0	0	0
NCPL	(NATES) Non-Compliance Reports	Υ	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Υ	0	0	0
NDSP	National Defense & Canadian Forces Spills	Υ	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal	Υ	0	0	0
NEBI	Sites National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Υ	0	0	0
NEES	National Environmental Emergencies System (NEES)	Υ	0	0	0
NPCB	National PCB Inventory	Υ	0	0	0
NPRI	National Pollutant Release Inventory	Υ	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Υ	0	0	0
ORD	Orders	Υ	0	0	0
PAP	Canadian Pulp and Paper	Υ	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Υ	0	0	0
PES	Pesticide Register	Υ	0	0	0
PINC	Pipeline Incidents	Υ	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Υ	0	0	0
PTTW	Permit to Take Water	Υ	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Υ	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Υ	0	0	0
SPL	Ontario Spills	Υ	4	0	4
SRDS	Wastewater Discharger Registration Database	Υ	0	0	0
TANK	Anderson's Storage Tanks	Υ	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Υ	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	0	0
		Total:	36	10	46

### Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	CA		1382 (911) County Road 28 Cavan-Millbrook-North Monaghan ON	NNW/52.1	0.36	<u>18</u>
1	CA		1382 (911) County Road 28 Cavan-Millbrook-North Monaghan ON	NNW/52.1	0.36	<u>18</u>
1	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>
1	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>
1	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>
1	CA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON	NNW/52.1	0.36	<u>20</u>
1	CA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON	NNW/52.1	0.36	<u>20</u>
1	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
1	GEN	KAWARTHA DOWNS LTD.	LOT 23, CONCESSION 8 1382 HWY 28 S CAVAN-MILLBROOK-NORTH MONAGHAN ON	NNW/52.1	0.36	2 <u>21</u>
1	GEN	KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON	NNW/52.1	0.36	<u>21</u>
1	GEN	Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW/52.1	0.36	<u>22</u>
1	GEN	Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW/52.1	0.36	22
1	GEN	KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON	NNW/52.1	0.36	22
1	GEN	KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON	NNW/52.1	0.36	23
1	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>
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	<u>24</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	ECA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW/52.1	0.36	<u>25</u>
1	ECA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW/52.1	0.36	<u>25</u>
1	ECA	Kawartha Downs Limited	1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0	NNW/52.1	0.36	<u>25</u>
1	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 KOL 1V0	NNW/52.1	0.36	28
1	GEN	KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON KOL 1V0	NNW/52.1	0.36	<u>28</u>
1	GEN	Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW/52.1	0.36	<u>29</u>
1	GEN	KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON KOL 1V0	NNW/52.1	0.36	<u>29</u>
1	GEN	KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON KOL 1V0	NNW/52.1	0.36	<u>29</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	30
1	GEN	RIC (KDL) INC	1382 County Road 28 1382 County Road 28 FRASERVILLE ON KOL 1V0	NNW/52.1	0.36	<u>30</u>
<u>1</u>	GEN	RIC (KDL) INC	1382 County Road 28 1382 County Road 28 FRASERVILLE ON K0L 1V0	NNW/52.1	0.36	<u>31</u>

### Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>2</u>	GEN	GFE Inc.	1360 County Road 28 Fraserville ON K0L 1V0	SSE/119.8	0.31	<u>31</u>

### 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.

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

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

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

### **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.

Equal/Higher Elevation Ontario Lottery & Gaming Corporation	Address 1382 County Rd. 28 Peterborough ON	<u>Direction</u> NNW	<u>Distance (m)</u> 52.14	<u>Map Key</u> <u>1</u>
RIC (KDL) INC	1382 County Road 28 1382 County Road 28 FRASERVILLE ON K0L 1V0	NNW	52.14	1
KAWARTHA DOWNS LTD.	LOT 23, CONCESSION 8 1382 HWY 28 S CAVAN-MILLBROOK-NORTH MONAGHAN ON	NNW	52.14	1
erisinfo.com   En	vironmental Risk Information Services			Order No: 21071400031

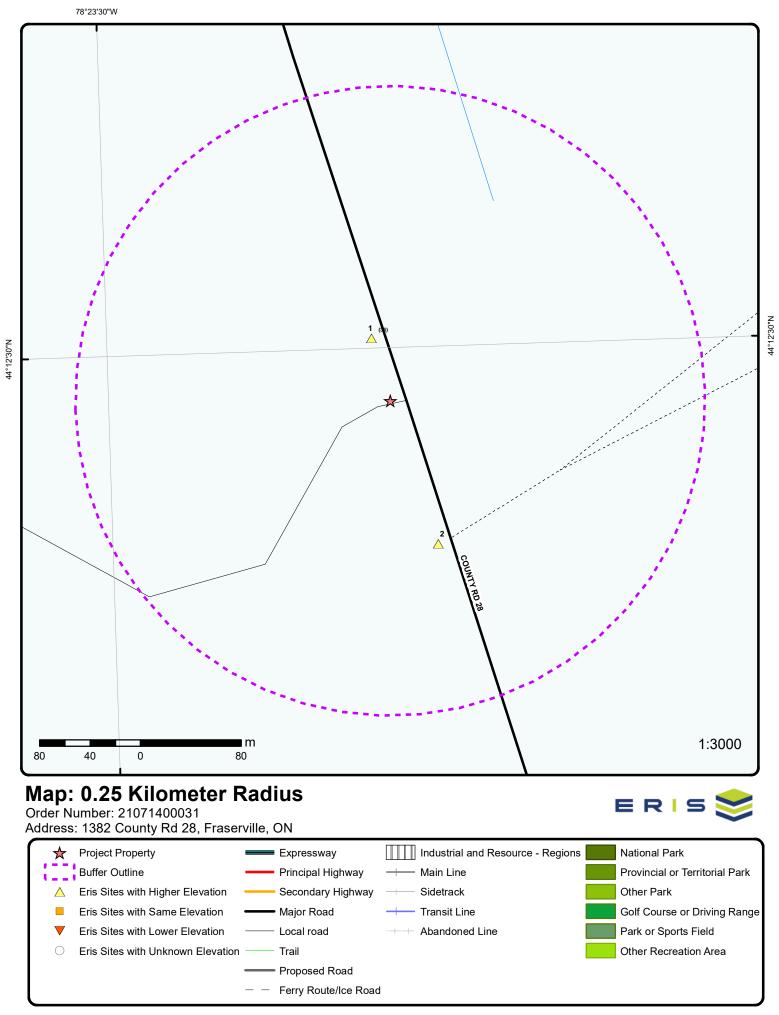
<b>Equal/Higher Elevation</b>	<u>Address</u>	<b>Direction</b>	Distance (m)	Map Key
Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW	52.14	1
KAWARTHA DOWNS LTD.	LOT 23, CONCESSION 8 1382 HWY 28 S CAVAN-MILLBROOK-NORTH MONAGHAN ON	NNW	52.14	1
KAWARTHA DOWNS LTD.	R.R.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

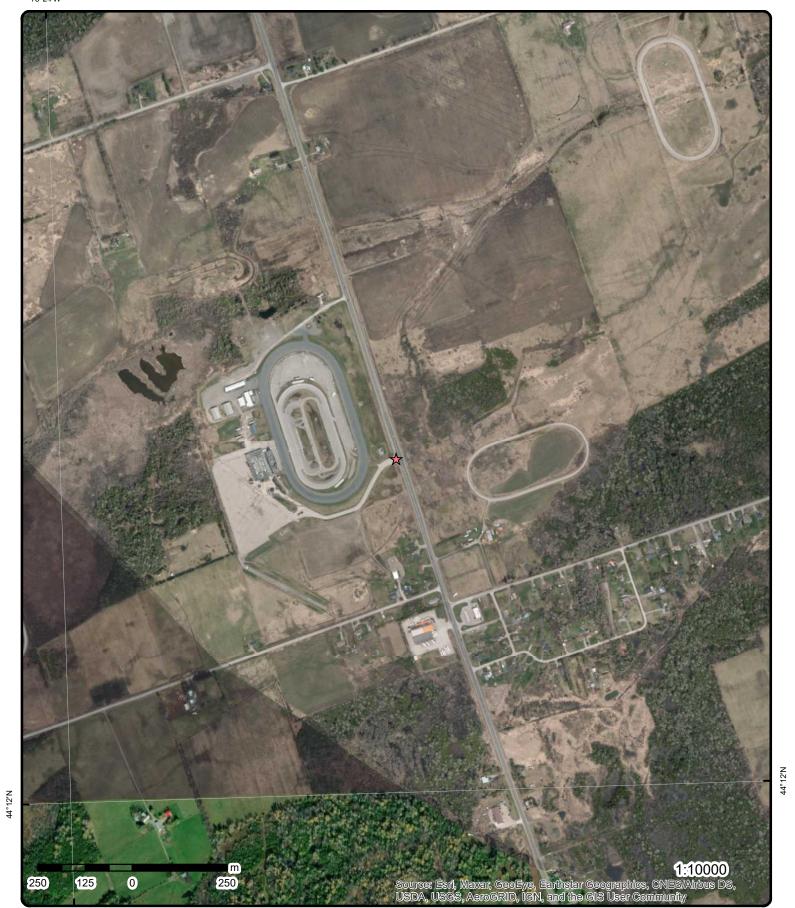
Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	Distance (m)	Map Key
Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW	52.14	1
Ontario Lottery & Gaming Corporation	1382 County Rd. 28 Peterborough ON K9J 7W9	NNW	52.14	1
KAWARTHA DOWNS LTD.	R.R. #1 1382 HWY 28 S FRASERVILLE ON	NNW	52.14	1
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.

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





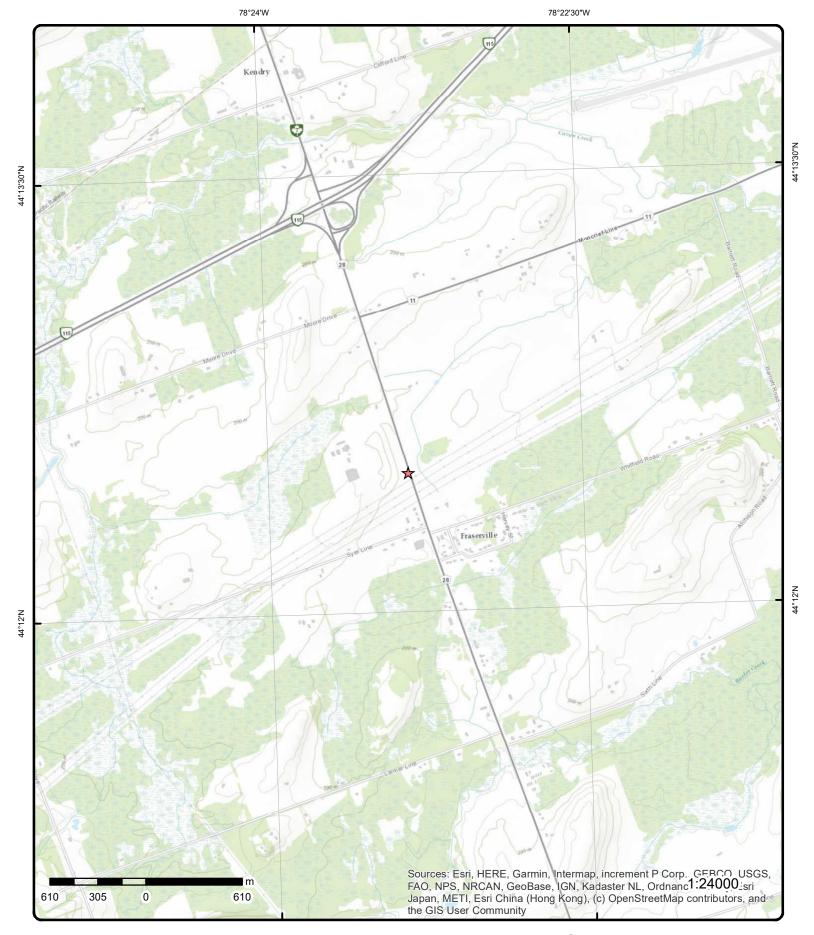
Aerial Year: 2019

Address: 1382 County Rd 28, Fraserville, ON

Source: ESRI World Imagery

Order Number: 21071400031





# **Topographic Map**

Address: 1382 County Rd 28, ON

Source: ESRI World Topographic Map

Order Number: 21071400031



# **Detail Report**

Мар Кеу	Number 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 Ty	pe:		Municipal & Private	water		
Status:	_		Approved			
Application			Amended CofA	insite of		
Client Name			Kawartha Downs Li			
Client Addre Client City:	288.		1382 (911) County Cavan-Millbrook-No			
Client Posta	I Code		K0L 1V0	ortif Moriagnan		
Project Desc				to remove the req	uirement for Engineer's Report and replace it with Quarterly R	Reporting
Contaminant Emission Co			·			
<u>1</u>	2 of 36		NNW/52.1	197.9 / 0.36	1382 (911) County Road 28	CA
					Cavan-Millbrook-North Monaghan ON	
Certificate #	:		7432-55KQTH			
Application	Year:		02			
Issue Date:			2/7/02			
Approval Ty	pe:		Municipal & Private			
Status:			Revoked and/or Re	placed		
Application			Amended CofA			
Client Name.			Kawartha Downs Li			
Client Addre	ess:		1382 (911) County			
Client City: Client Posta	I Code:		Cavan-Millbrook-No KOL 1V0	orti ivioriagnan		
Project Desc				or a Certificate of	Approval for a water supply system upgrade, including new wo	ell supply:
770,000 2000	mption.				ding; and installation of baffling.	on ouppiy,
Contaminant	ts:		3, -	<b>J</b>	, a , a , a , a , a , a , a , a , a , a	
Emission Co	ontrol:					
	2 -4 20		AIAUA/FO 4	197.9 / 0.36	VAWADTIJA DOWNIC I TO	
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 N	lo:	ON1653	202		PO Box No:	
Status:		02.04.05	06 07 00		Country:	
Approval Ye Contam. Fac	cility:	03,04,05	,06,07,08		Choice of Contact: Co Admin:	
MHSW Facil	lity:				Phone No Admin:	
SIC Code:		314990	All Oil	1		
SIC Descript	tion:		All Other Textile Pro	oauct Mills		

Order No: 21071400031

LANDFILL LEACHATES

149

Detail(s)

Waste Class:

Waste Class Desc:

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

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

1 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

Land Spills

SPL

Order No: 21071400031

Ref No: 6057-7ZELSR Discharger Report:

Site No:
Incident Dt:
Year:
Incident Cause:
Overflow (Tanks Lagoons)

Material Group:
Health/Env Conseq:
Client Type:
Sector Type:

 Incident Event:
 Agency Involved:

 Contaminant Code:
 44
 Nearest Watercourse:

 Contaminant Name:
 SEWAGE,RAW UNCHLORINATED
 Site Address:

 Contaminant Limit 1:
 Site District Office:

Site District Office: Site Postal Code: Site Region:

1:

Environment Impact: Not Anticipated Site Municipality:

Nature of Impact:Soil Contamination; Surface Water PollutionSite Lot:Receiving Medium:Site Conc:

Receiving Env:Northing:4898195MOE Response:No Field ResponseEasting:708188

 Dt MOE Arvl on Scn:
 Site Geo Ref Accu:

 MOE Reported Dt:
 1/5/2010

 Dt Document Closed:
 SAC Action Class:

Incident Reason: Equipment Failure - Malfunction of system

components

Site Name: Kawartha Downs Raceway

Site County/District: Site Geo Ref Meth:

Contam Limit Freq 1:

Contaminant UN No

Incident Summary: CM/Cavan: KDL, STP: 900-1000L raw sewage to ground.

Contaminant Qty: 1000 L

1 5 of 36 NNW/52.1 197.9 / 0.36 Kawartha Downs Limited

Source Type:

1382 County Road 28 Cavan-Millbrook-North Monaghan ON

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:

DΒ Map Key Number of Direction/ Elev/Diff Site Records Distance (m) (m) Project Description: Contaminants: **Emission Control:** 6 of 36 NNW/52.1 197.9 / 0.36 Kawartha Downs Limited 1 CA 1382 County Road 28 Cavan-Millbrook-North Monaghan ON Certificate #: 2009-6NSN35 Application Year: 2006 7/4/2006 Issue Date: Industrial Sewage Works Approval Type: Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: **Emission Control:** 7 of 36 NNW/52.1 197.9 / 0.36 Kawartha Downs Limited 1 CA 1382 County Road 28 Cavan-Millbrook-North Monaghan ON 2018-5TXLQ5 Certificate #: 2004 Application Year: Issue Date: 3/29/2004 Municipal and Private Sewage Works Approval Type: Approved Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: **Emission Control:** 8 of 36 NNW/52.1 197.9 / 0.36 Kawartha Downs Limited 1 CA 1382 County Road 28 Cavan-Millbrook-North Monaghan ON 3005-5KXNVA Certificate #: Application Year: 2003 3/27/2003 Issue Date: Air

Order No: 21071400031

Approval Type: Status: Approved Application Type:

Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: **Emission Control:** 

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

1 9 of 36 NNW/52.1 197.9 / 0.36 Ontario Lottery & Gaming Corporation

1382 County Rd. 28

**GEN** 

**GEN** 

Order No: 21071400031

Peterborough ON K9J 7W9

Generator No: ON3127673 PO Box No: Status: Country:

Approval Years: 2010 Choice of Contact:
Contam. Facility: Co Admin:
MHSW Facility: Phone No Admin:
SIC Code: 713299

SIC Description: All Other Gambling Industries

Detail(s)

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

Generator No: ON1653202 PO Box No: Status: Country:

Approval Years: 2010 Choice of Contact:
Contam. Facility: Co Admin:
MHSW Facility: Phone No Admin:
SIC Code: 314990

SIC Code: 314990 SIC Description: All Other Textile Product Mills

Detail(s)

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

Generator No: ON1653202 PO Box No: Status: Country: Approval Years: 2011 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

**SIC Code:** 314990

SIC Description: All Other Textile Product Mills

Detail(s)

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

Waste Class: 312

Waste Class Desc: PATHOLOGICAL WASTES

1 14 of 36 NNW/52.1 197.9 / 0.36

R.R. #1 1382 HWY 28 S FRASERVILLE ON

ON1653202 PO Box No: Country:

KAWARTHA DOWNS LTD.

**GEN** 

Order No: 21071400031

Approval Years: 2012 Choice of Contact:

Contam. Facility: Co Admin:

Status:

Generator No:

Number of Direction/ Elev/Diff Site DΒ Map Key

Phone No Admin:

Records Distance (m) (m)

SIC Code: 314990

SIC Description: All Other Textile Product Mills

Detail(s)

MHSW Facility:

Waste Class: 253

**EMULSIFIED OILS** Waste Class Desc:

Waste Class:

PETROLEUM DISTILLATES Waste Class Desc:

Waste Class: 145

Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class:

Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class:

Waste Class Desc: LANDFILL LEACHATES

1 15 of 36 NNW/52.1 197.9 / 0.36 KAWARTHA DOWNS LTD. **GEN** R.R. #1 1382 HWY 28 S

FRASERVILLE ON

ON1653202 Generator No: PO Box No: Country: Status:

Approval Years: 2013 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 314990

ALL OTHER TEXTILE PRODUCT MILLS SIC Description:

Detail(s)

Waste Class: 145

PAINT/PIGMENT/COATING RESIDUES Waste Class Desc:

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class:

Waste Class Desc: **EMULSIFIED OILS** 

Waste Class:

Waste Class Desc: LANDFILL LEACHATES

Waste Class: 212

ALIPHATIC SOLVENTS Waste Class Desc:

16 of 36 NNW/52.1 197.9 / 0.36 **Ontario Lottery & Gaming Corporation** 1 **GEN** 1382 County Rd. 28

Peterborough ON

Order No: 21071400031

ON3127673 Generator No: PO Box No: Status: Country:

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

Approval Years: 2013

Contam. Facility: MHSW Facility:

SIC Code:

SIC Description:

713299

Choice of Contact: Co Admin: Phone No Admin:

Sector Type:

Site Address:

Site Region:

Site Lot:

Site Conc:

Northing:

Easting:

Agency Involved:

Site District Office:

Site Postal Code:

Site Municipality:

Site Geo Ref Accu:

SAC Action Class:

Site Map Datum:

Source Type:

Nearest Watercourse:

Detail(s)

Waste Class: 312

Waste Class Desc: PATHOLOGICAL WASTES

17 of 36 NNW/52.1 197.9 / 0.36 Kawartha Downs Limited 1

1382 County Road 28 Lot 23 Concession 8

Unknown / N/A

**K0L 1V0** 

4898195 708188

**GPS** 

NAD27

Land Spills

Cavan Monaghan

1382 County Road 28 Lot 23 Concession 8

geographic township of Cavan Cavan Monaghan ON K0L 1V0

Ref No: 6471-ADZP2C Discharger Report: Site No: 8510-4GRKCU Material Group: Incident Dt: 9/20/2016 Health/Env Conseq: Year:

Client Type:

Incident Cause: Incident Event: Overflow/Surcharge

Contaminant Code: SEWAGE, SECONDARY UNCHLORINATED Contaminant Name:

geographic township of Cavan

Contaminant Limit 1: Contam Limit Freg 1:

Contaminant UN No **Environment Impact:** 

Nature of Impact: Receiving Medium:

Receiving Env: Land

MOE Response: Dt MOE Arvl on Scn:

9/21/2016 MOE Reported Dt: Dt Document Closed:

Incident Reason: Unknown / N/A

Site Name: Site County/District:

1-10 metres eg. Good Quality GPS Site Geo Ref Meth:

Incident Summary: Kawartha Downs: 1-2gal of swg to grnd. Contained.

Kawartha Downs Raceway

Contaminant Qty: 2 gal-US

> 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

Ref No: 5554-ADZP5X Site No: 8510-4GRKCU 9/20/2016 Incident Dt:

Year:

1

Incident Cause:

Incident Event: Overflow/Surcharge

Contaminant Code:

Contaminant Name: LEACHATE, TRASH CAN, COMPACTOR,

Contam Limit Freq 1: Contaminant UN No

ETC Contaminant Limit 1:

Health/Env Conseq: Client Type: Sector Type: Unknown / N/A

Agency Involved: Nearest Watercourse:

Discharger Report: Material Group:

Site Address: 1382 County Road 28 Lot 23 Concession 8

geographic township of Cavan

Site District Office: Site Postal Code: **K0L 1V0** 

Site Region:

erisinfo.com | Environmental Risk Information Services

24

Order No: 21071400031

SPL

SPL

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

Environment Impact: Site Municipality: Cavan Monaghan

Nature of Impact: Site Lot: Site Conc: Receiving Medium: Receiving Env: Land Northing:

4898195 MOE Response: Easting: 708188 **GPS** Dt MOE Arvl on Scn: Site Geo Ref Accu: MOE Reported Dt: 9/21/2016 Site Map Datum: NAD27 **Dt Document Closed:** SAC Action Class: Land Spills

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.

0.5 L Contaminant Qty:

> 19 of 36 NNW/52.1 197.9 / 0.36 Kawartha Downs Limited 1 **ECA** 1382 County Road 28

Source Type:

Geometry Y:

Cavan-Millbrook-North Monaghan ON K0L 1V0

Order No: 21071400031

4-0037-97-006 Approval No: MOE District: Peterborough

Approval Date: 2000-10-10

City: Status: Revoked and/or Replaced Longitude: -78.427704 Record Type: Latitude: 44.172527 ECA Link Source: **IDS** Geometry X:

Otonabee-Peterborough SWP Area Name: Approval Type: **ECA-INDUSTRIAL SEWAGE WORKS** INDUSTRIAL SEWAGE WORKS Project Type: 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

1 20 of 36 NNW/52.1 197.9 / 0.36 Kawartha Downs Limited **ECA** 

1382 County Road 28 Cavan-Millbrook-North Monaghan ON K0L 1V0

Approval No: 1792-56WT64 MOE District: Peterborough

2002-02-07 Approval Date: City: Status: Approved Longitude: -78.42770399999999 44.172526999999995 Record Type: **ECA** Latitude:

Link Source: **IDS** Geometry X: SWP Area Name: Otonabee-Peterborough Geometry Y:

ECA-Municipal and Private Water Works Approval Type: Municipal and Private Water Works Project Type:

Kawartha Downs Limited **Business Name:** Address: 1382 County Road 28

Full Address: Full PDF Link:

> 1 21 of 36 NNW/52.1 197.9 / 0.36 Kawartha Downs Limited **ECA** 1382 County Road 28

Cavan-Millbrook-North Monaghan ON K0L 1V0

Approval No: 3005-5KXNVA **MOE District:** Peterborough 2003-03-27 Approval Date: City: Lonaitude: -78.427704 Status: Approved Record Type: ECA Latitude: 44.172527

Link Source: Geometry X: IDS SWP Area Name: Otonabee-Peterborough Geometry Y:

FCA-AIR

Approval Type:

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

AIR Project Type:

**Business Name:** Kawartha Downs Limited Address: 1382 County Road 28 Full Address:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7340-5JJMHX-14.pdf

NNW/52.1 197.9 / 0.36 22 of 36 Kawartha Downs Limited 1

1382 County Road 28

Cavan-Millbrook-North Monaghan ON K0L 1V0

**ECA** 

**ECA** 

**ECA** 

Approval No: 3732-4VGHRM **MOE District:** Peterborough

Approval Date: 2001-05-30 City:

Revoked and/or Replaced Status: Longitude: -78.427704 Record Type: **ECA** Latitude: 44.172527 IDS Link Source: Geometry X:

SWP Area Name: Otonabee-Peterborough Geometry Y: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type:

Kawartha Downs Limited **Business Name:** 1382 County Road 28 Address:

Full Address:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8117-4U7SZK-14.pdf

23 of 36 NNW/52.1 197.9 / 0.36 Kawartha Downs Limited 1

1382 County Road 28

Cavan-Millbrook-North Monaghan ON K0L 1V0

2018-5TXLQ5 Approval No: **MOE District:** Peterborough

Approval Date: 2004-03-29 City:

Status: Approved Longitude: -78.427704 Record Type: **ECA** Latitude: 44.172527 IDS

Link Source: Geometry X: Otonabee-Peterborough Geometry Y: SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type:

Business Name: Kawartha Downs Limited Address: 1382 County Road 28

Full Address:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6645-5T9QZV-14.pdf

1 24 of 36 NNW/52.1 197.9 / 0.36 Kawartha Downs Limited **ECA** 1382 County Road 28

Cavan-Millbrook-North Monaghan ON K0L 1V0

Approval No: 7432-55KQTH **MOE District:** Peterborough

2002-02-07 Approval Date: Citv:

Status: Revoked and/or Replaced Longitude: -78.42770399999999 **ECA** 44.172526999999995 Record Type: Latitude:

Link Source: IDS Geometry X: SWP Area Name: Otonabee-Peterborough Geometry Y:

Approval Type: ECA-Municipal and Private Water Works Municipal and Private Water Works Project Type:

**Business Name:** Kawartha Downs Limited Address: 1382 County Road 28

Full Address: Full PDF Link:

> 1 25 of 36 NNW/52.1 197.9 / 0.36 Kawartha Downs Limited

Number of Direction/ Elev/Diff Site DΒ Map Key

Records Distance (m) (m)

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 **ECA** Latitude: Record Type: 44.172527

**IDS** Link Source: Geometry X: Otonabee-Peterborough SWP Area Name: Geometry Y:

**ECA-INDUSTRIAL SEWAGE WORKS** Approval Type: Project Type: INDUSTRIAL SEWAGE WORKS Kawartha Downs Limited **Business Name:** 1382 County Road 28

Address: Full Address:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7214-6NCT4E-14.pdf

1 26 of 36 NNW/52.1 197.9 / 0.36 Kawartha Downs Limited **ECA** 1382 County Road 28

Cavan-Millbrook-North Monaghan ON K0L 1V0

Approval No: 0944-5TNQ3N **MOE District:** Peterborough

2003-12-04 Approval Date: City:

Status: Approved Longitude: -78.427704 **ECA** Latitude: Record Type: 44.172527 Link Source: Geometry X:

SWP Area Name: Otonabee-Peterborough Geometry Y: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Approval Type: Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS

Kawartha Downs Limited **Business Name:** Address: 1382 County Road 28

Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4034-5T9RCK-14.pdf

27 of 36 NNW/52.1 197.9 / 0.36 Kawartha Downs Limited 1

1382 County Road 28

Geometry Y:

**ECA** 

Order No: 21071400031

Cavan-Millbrook-North Monaghan ON K0L 1V0

Approval No: 2091-56LKQY **MOE District:** Peterborough

2002-01-28 Approval Date: City:

Approved Status: Lonaitude: -78.427704 **ECA** Record Type: Latitude: 44.172527 Link Source: IDS Geometry X:

SWP Area Name: Otonabee-Peterborough **ECA-INDUSTRIAL SEWAGE WORKS** Approval Type: INDUSTRIAL SEWAGE WORKS Project Type: Kawartha Downs Limited **Business Name:** 

Address: 1382 County Road 28

Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8220-4M4RTS-14.pdf

28 of 36 NNW/52.1 197.9 / 0.36 **Ontario Lottery & Gaming Corporation** 1 **GEN** 

1382 County Rd. 28 Peterborough ON K9J 7W9

Generator No: ON3127673 PO Box No: Status: Country: Canada 2015 CO\_OFFICIAL Approval Years: Choice of Contact:

Contam. Facility: No Co Admin: Tara Woodward MHSW Facility: No Phone No Admin: 705-939-2400 Ext.4310

SIC Code: 713299

Number of Direction/ Elev/Diff Site DΒ Map Key

713299 SIC Description:

Detail(s)

Waste Class: 312

Records

Waste Class Desc: PATHOLOGICAL WASTES

29 of 36 NNW/52.1 197.9 / 0.36 KAWARTHA DOWNS LTD. 1 **GEN** R.R. #1 1382 HWY 28 S

FRASERVILLE ON KOL 1VO

Order No: 21071400031

Generator No: ON1653202 PO Box No:

Distance (m)

Status: Country:

Canada 2015 Choice of Contact: CO\_OFFICIAL Approval Years: No cheryl fulford Contam. Facility: Co Admin: MHSW Facility: No Phone No Admin: 705-939-6316 Ext.

(m)

314990 SIC Code: SIC Description: ALL OTHER TEXTILE PRODUCT MILLS

Detail(s)

Waste Class: 253

Waste Class Desc: **EMULSIFIED OILS** 

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class:

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class:

Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

212 Waste Class:

ALIPHATIC SOLVENTS Waste Class Desc:

Waste Class:

Waste Class Desc: LANDFILL LEACHATES

1 30 of 36 NNW/52.1 197.9 / 0.36 KAWARTHA DOWNS LTD. **GEN** R.R. #1 1382 HWY 28 S

FRASERVILLE ON KOL 1VO

ON1653202 Generator No: PO Box No:

Country: Status: Canada 2014 Choice of Contact: CO OFFICIAL Approval Years: Contam. Facility: No Co Admin: Tammy Smethurst 705-939-6316 Ext. MHSW Facility: Nο Phone No Admin:

SIC Code: 314990

SIC Description: ALL OTHER TEXTILE PRODUCT MILLS

Detail(s)

Waste Class:

Waste Class Desc: LANDFILL LEACHATES

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class:

Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

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

Waste Class: 212

ALIPHATIC SOLVENTS Waste Class Desc:

Waste Class:

WASTE OILS & LUBRICANTS Waste Class Desc:

Waste Class: 253

Waste Class Desc: **EMULSIFIED OILS** 

31 of 36 NNW/52.1 197.9 / 0.36 **Ontario Lottery & Gaming Corporation** 1 GEN

PO Box No:

Choice of Contact:

Phone No Admin:

Country:

Co Admin:

1382 County Rd. 28 Peterborough ON K9J 7W9

Canada

Canada

Order No: 21071400031

CO\_OFFICIAL

Tara Woodward 705-939-2400 Ext.4310

ON3127673 Generator No:

Status:

Approval Years: 2014 Contam. Facility: No MHSW Facility: No 713299 SIC Code:

SIC Description: 713299

Detail(s)

Waste Class:

Waste Class Desc: PATHOLOGICAL WASTES

32 of 36 NNW/52.1 197.9 / 0.36 KAWARTHA DOWNS LTD. 1 **GEN** R.R. #1 1382 HWY 28 S

Generator No: ON1653202 Registered Status: As of Dec 2018

Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:

PO Box No: Country:

Choice of Contact: Co Admin: Phone No Admin:

FRASERVILLE ON KOL 1V0

Detail(s)

Waste Class: 149 L

Waste Class Desc: Landfill leachate

Waste Class: 212 I

Waste Class Desc: Aliphatic solvents and residues

Waste Class: 252 I

Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 253 L Waste Class Desc: **Emulsified oils** 

1 33 of 36 NNW/52.1 197.9 / 0.36 KAWARTHA DOWNS LTD. **GEN** R.R. #1 1382 HWY 28 S

PO Box No:

FRASERVILLE ON KOL 1V0

ON1653202 Generator No:

Status: Country: Canada CO\_OFFICIAL Approval Years: 2016 Choice of Contact: No Co Admin: cheryl fulford Contam. Facility:

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

Phone No Admin: MHSW Facility: No 705-939-6316 Ext.

ALL OTHER TEXTILE PRODUCT MILLS SIC Description:

Detail(s)

SIC Code:

Waste Class:

LANDFILL LEACHATES Waste Class Desc:

314990

Waste Class:

**EMULSIFIED OILS** Waste Class Desc:

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class:

Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class:

Waste Class Desc: ALIPHATIC SOLVENTS

1 34 of 36 NNW/52.1 197.9 / 0.36 Kawartha Downs Limited SPL 1382 County Road 28 Lot 23 Concession 8

geographic township of Cavan

Cavan Monaghan ON K0L 1V0

Ref No: 5726-AM2RTH Discharger Report: Site No: K0L 1V0 Material Group:

2 - Minor Environment Incident Dt: 5/4/2017 Health/Env Conseq:

Client Type: Corporation Year: Incident Cause: Sector Type: Unknown / N/A

Leak/Break Agency Involved: Incident Event:

Contaminant Code: Nearest Watercourse:

LEACHATE, TRASH CAN, COMPACTOR, Site Address: 1382 County Road 28 Lot 23 Concession 8 Contaminant Name: **ETC** 

geographic township of Cavan

SAC Action Class:

Peterborough Contaminant Limit 1: Site District Office:

Contam Limit Freq 1: Site Postal Code:

Contaminant UN No n/a Site Region: Eastern

**Environment Impact:** Site Municipality: Cavan Monaghan

Nature of Impact: Site Lot: Receiving Medium: Site Conc: NA 4898195 Land

Receiving Env: Northing: MOE Response: Easting: 708188 Dt MOE Arvl on Scn: Site Geo Ref Accu: **GPS** MOE Reported Dt: 5/4/2017 Site Map Datum: NAD27

Incident Reason: **Equipment Failure** Source Type: Unknown / N/A

Kawartha Downs Raceway Site Name: Site County/District: County of Peterborough

1-10 metres eg. Good Quality GPS Site Geo Ref Meth:

Incident Summary: Kawartha Downs: spill leachate, contained, cleaned

Contaminant Qty: 0 n/a

Dt Document Closed:

35 of 36 NNW/52.1 197.9 / 0.36 RIC (KDL) INC 1

1382 County Road 28 1382 County Road 28

**GEN** 

Order No: 21071400031

FRASERVILLE ON KOL 1V0

ON1653202 PO Box No: Generator No:

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

Status: Registered Country: Canada

Approval Years: As of Jul 2020 Choice of Contact:
Contam. Facility: Co Admin:
MHSW Facility: Phone No Admin:
SIC Code:

Detail(s)

SIC Description:

Waste Class: 253 L
Waste Class Desc: Emulsified oils

Waste Class: 252 L

Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 149 L

Waste Class Desc: Landfill leachate

Waste Class: 212 L

Waste Class Desc: 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 KOL 1V0

Generator No: ON1653202 PO Box No:
Status: Registered Country: Canada

 Status:
 Registered
 Country:
 Canada

 Approval Years:
 As of Apr 2021
 Choice of Contact:

 Contam. Facility:
 Co Admin:

 MHSW Facility:
 Phone No Admin:

Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

Detail(s)

Waste Class: 212 L

Waste Class Desc: Aliphatic solvents and residues

Waste Class: 149 L

Waste Class Desc: Landfill leachate

Waste Class: 253 L Waste Class Desc: Emulsified oils

Waste Class: 252 L

Waste Class Desc: Waste crankcase oils and lubricants

2 1 of 1 SSE/119.8 197.8 / 0.31 GFE Inc.

Order No: 21071400031

1360 County Road 28 Fraserville ON K0L 1V0

Generator No: ON7254171 PO Box No:

Status:Country:Approval Years:07,08Choice of Contact:Contam. Facility:Co Admin:

Contam. Facility: Co Admin: MHSW Facility: Phone No Admin: SIC Code: 484221

SIC Description: Bulk Liquids Trucking Local

Detail(s)

Waste Class: 252

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

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
ОРСВ	TRENT UNIVERSITY	PETERBOROUGH CAMPUS HIGHWAY 28	PETERBOROUGH ON	K9J 7B8
PRT	CANADIAN PACIFIC EXPRESS & TRANSPORT LTD	HWY 28	PETERBOROUGH ON	
PRT	JOHN HOSHAR 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.</unofficial>	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

Kawartha Downs Raceway Site:

Lot 23, Concession B Cavan-Millbrook-N. Monaghan ON

Database:

CA

Certificate #: 3732-4VGHRM Application Year:

5/30/01 Issue Date:

Municipal & Private sewage Approval Type:

Status: Approved

New Certificate of Approval Application Type: 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: Issue Date: 5/2/00

Approval Type: Industrial sewage Cancelled Status: Application Type: Revocation

Kawartha Downs Limited Client Name: Client Address: 1382 (911) County Road 29

Client City: Fraserville Client Postal Code: K0L 1V0

Stormwater management facility for a parking area at Kawartha Slots Casino. Project Description:

Contaminants: **Emission Control:** 

Site: Kawartha Downs Raceway

Lot 23, Concession 8 Cavan-Millbrook-N. Monaghan ON

Database:

Certificate #: Application Year: 2091-56LKQY 02

Issue Date:

1/28/02

Approval Type:

Client Name:

Industrial sewage Approved

Status: Application Type:

New Certificate of Approval Kawartha Downs Limited

Client Address: 1382 (911) County Road 29 Fraserville Client City: 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:

#### Lot 23, Concession 8 Cavan-Millbrook-N. Monaghan ON

4-0037-97-006 Certificate #:

Application Year: 00 10/10/00 Issue Date:

Approval Type: Industrial sewage Status: Approved

Application Type: Notice

Client Name: Kawartha Downs Limited 1382 (911) County Road 29 Client Address:

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:

Certificate #: 8-4181-97-97 Application Year: 2/2/1998 Issue Date: 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:

Certificate #: 6053-5ATJD5 Application Year: 02 Issue Date: 6/11/02

Approval Type: Municipal & Private sewage

Approved Status: Amended CofA Application Type:

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:

Order No: 21071400031

Certificate #: 9493-535FLM 02 Application Year: Issue Date: 6/11/02

Approval Type: Municipal & Private sewage Revoked and/or Replaced Status: New Certificate of Approval Application Type: Kawartha Downs Limited Client Name: 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

CA

Database:
CA

Certificate #: 8234-4HQJBY

Application Year:00Issue Date:3/24/00Approval Type:Industrial airStatus:Approved

Application Type: New Certificate of Approval Client Name: New Certificate of Approval 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: PT.LOT 23, CONC. 8, P-BORO CAVAN TWP. ON CA

 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:
ON CONV

File No: Location:

Crown Brief No:97-0096-0078Region:EASTERN REGIONCourt Location:Ministry District:PETERBOROUGH

Publication City: Publication Title: Act:

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 &

Order No: 21071400031

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

SUSPENDED SENTENCE Charge Disposition:

Fine: \$500.00

Synopsis:

Site: SUPERIOR PLUS INC

HWY 28 N PETERBOROUGH ON

Database: **DTNK** 

Order No: 21071400031

**Delisted Expired Fuel Safety** 

**Facilities** 

Instance No: 10470198 **EXPIRED** Status: 22004 Instance ID:

FS Highway Tank - Propane Instance Type: 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 Database: DTNK Ship in Barn FRASERVILLE ON

**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 Upper Canada Fuels Distributor:

Contact Name: c/o Kym Oliver or Herb Hewitt

R.R. 1 Contact Address:

Contact Address2: Contact Suite:

Contact City: Fraserville Contact Prov: ON Contact Postal: **K0L 1V0** 

Comments:

Site: SUPERIOR PLUS INC

Database: HWY 28 N PETERBOROUGH ON

**Delisted Expired Fuel Safety** 

**Facilities** 

10470201 Instance No: **EXPIRED** Status:

Instance ID: 21049

FS Highway Tank - Propane Instance Type: FS Highway Tank - Propane Description:

TSSA Program Area: Maximum Hazard Rank: Facility Type:

Expired Date: Original Source: **EXP** 

Record Date: Up to Mar 2012

SUPERIOR GENERAL PARTNER INC O/A SUPERIOR PROPANE \*\* Site:

HWY 28 PETERBOROUGH ON

Database: **DTNK** 

**Delisted Expired Fuel Safety** 

**Facilities** 

Instance No: 10452529 **EXPIRED** Status: Instance ID: 17421

FS Highway Tank - Propane Instance Type: Description: FS Highway Tank - Propane

TSSA Program Area: Maximum Hazard Rank:

Facility Type: Expired Date:

Original Source: EXP

Record Date: Up to Mar 2012

SUPERIOR GENERAL PARTNER INC O/A SUPERIOR PROPANE \*\* Site:

HWY 28 PETERBOROUGH ON

Database: DTNK

Database:

Order No: 21071400031

DTNK

**Delisted Expired Fuel Safety** 

**Facilities** 

10452537 Instance No: **EXPIRED** Status: 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:

Record Date: Up to Mar 2012

Site: JOHN HOSHAR SHELL SERVICE

HWY 28 N PETERBOROUGH ON

**Delisted Expired Fuel Safety** 

**Facilities** 

9200628 Instance No: Status: **EXPIRED** Instance ID: 381637 Instance Type: FS Facility

FS Gasoline Station - Full Serve Description:

TSSA Program Area: Maximum Hazard Rank: Facility Type:

Expired Date:

**EXP** Original Source:

Record Date: Up to Mar 2012 Site: INTERLINK FREIGHT SYSTEMS INC

HWY 28 PETERBOROUGH ON L3V 5H7

Database:

**Delisted Expired Fuel Safety** 

**Facilities** 

Instance No: 9599920 **EXPIRED** Status:

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

SUPERIOR PROPANE ATTN WARREN HAYES Site:

HWY 28 N PETERBOROUGH ON

Database: DTNK

**Delisted Expired Fuel Safety** 

**Facilities** 

9592564 Instance No: **EXPIRED** Status: 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:** 

**FXP** Original Source:

Record Date: Up to Mar 2012

Kawartha Downs - H. Ambrose Database: Site: **DTNK** 

Facility Type:

Original Source:

Record Date:

CFOT

Up to Apr 2013

Order No: 21071400031

Test Barn FRASERVILLE ON

**Delisted Commercial Fuel Oil** 

**Tanks** 

Licence No:

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 Tank Material: Steel

Tk Age (as of 05/1992): 26 yrs Tank Address: Test Barn

Upper Canada Fuels Distributor: Contact Name: c/o Kym Oliver or Herb Hewitt

R.R. 1 Contact Address:

Contact Address2: Contact Suite:

Fraserville Contact City: Contact Prov: ON **K0L 1V0** Contact Postal:

erisinfo.com | Environmental Risk Information Services

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

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

EBR Registry No:IA7E1589Decision Posted:Ministry Ref No:8418197 19971008Exception Posted:Notice Type:Instrument DecisionSection:

Notice Type: Instrumer
Notice Stage:
Notice Date: February

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:

Database: EBR

Database: EBR

#### 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:IA03E0777Decision Posted:Ministry Ref No:1387-5MWM8DException Posted:

Notice Type:Instrument DecisionSection:Notice Stage:Act 1:Notice Date:September 23, 2003Act 2:

Proposal Date: June 10, 2003 Site Location Map:

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:

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

Order No: 21071400031

**Location ID:** 11683 **Type:** retail

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

Site: JOHN HOSHAR SHELL SERVICE

HWY 28 N PETERBOROUGH ON

Database: PRT

Database:

Database:

SPL

SPL

18147 Location ID: retail Type: 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

Discharger Report:

Health/Env Conseq:

Agency Involved:

Site District Office:

Site Postal Code:

Site Municipality:

Site Geo Ref Accu:

SAC Action Class:

Discharger Report:

Health/Env Conseq: Client Type:

Agency Involved:

Site District Office:

Site Postal Code:

Site Municipality:

Nearest Watercourse:

Material Group:

Sector Type:

Site Address:

Site Region:

Site Lot:

Site Conc:

Site Map Datum:

Source Type:

66621

OPP

Nearest Watercourse:

Material Group:

Client Type:

Sector Type:

Site Address:

Site Region:

Site Lot:

Site Conc:

Northing:

Easting:

**TOWNSHIP ON** 

Ref No: 145244

Site No: Incident Dt: 8/17/1997

Year:

Incident Cause: AIRCRAFT CRASH

Incident Event: Contaminant Code:

Contaminant Name: Contaminant Limit 1:

Contam Limit Freq 1: Contaminant UN No 1:

Environment Impact:

**POSSIBLE** Nature of Impact: Soil contamination

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

8/17/1997

**UNKNOWN** 

Site: **TANK TRUCK** 

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

PRIVATE OWNER:52L GAS- OLINE TO GROUND FROM PLANE CRASH.

Ref No: 175378

Site No: Incident Dt: 12/1/1999

Year: OTHER CONTAINER LEAK

Incident Cause: Incident Event:

Contaminant Code: Contaminant Name: Contaminant Limit 1:

Contam Limit Freq 1: Contaminant UN No 1:

**Environment Impact:** 

**POSSIBLE** Nature of Impact:

Receiving Medium:

Receiving Env: MOE Response:

Dt MOE Arvl on Scn: MOE Reported Dt: 12/1/1999 Dt Document Closed:

Multi Media Pollution LAND / AIR

> Northing: Easting: Site Geo Ref Accu:

> > Site Map Datum: SAC Action Class:

Order No: 21071400031

66621

OPP, F.D.

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:

TWD Road Management Inc.<UNOFFICIAL>; TWD Roads Management Inc. Site:

Hwy 28 4023 Peterborough ON

SPL

4163-8BBMTN Ref No: Discharger Report: Site No: Material Group: Incident Dt: Health/Env Conseq: Year: Client Type:

Incident Cause: Sector Type: Other Incident Event:

Contaminant Code: SALT SOLUTION Contaminant Name:

Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:

Environment Impact: Not Anticipated Nature of Impact: Soil Contamination

Receiving Medium: Receiving Env:

MOE Response: Planned Field Response

Dt MOE Arvl on Scn:

11/18/2010 MOE Reported Dt:

Dt Document Closed: Incident Reason:

**Equipment Failure** Site Name:

Site County/District:

Site Geo Ref Meth:

TWD: Brime spill 15,000L to ditch Incident Summary:

Contaminant Qty: 15000 L Database:

Land Spills

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

Yonge's Point Patrol<UNOFFICIAL>

7362-7NA2NK

Not Anticipated

1/13/2009

Weather

Soil Contamination

Planned Field Response

Site No: Incident Dt:

Year:

Site:

Ref No:

Incident Cause: Overturn - Truck Or Trailer Incident Event:

Contaminant Code:

**DIESEL FUEL** Contaminant Name: Contaminant Limit 1:

Contam Limit Freq 1: Contaminant UN No 1: **Environment Impact:** 

Nature of Impact:

Receiving Medium: Receiving Env:

MOE Response: Dt MOE Arvl on Scn:

MOE Reported Dt: Dt Document Closed:

Incident Reason: Site Name:

Site County/District:

Site Geo Ref Meth: Incident Summary:

Contaminant Qty: 40 L Agency Involved: Nearest Watercourse: Site Address:

Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc:

Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class:

Source Type:

Northing:

Database:

Discharger Report: Material Group: Health/Env Conseq:

Client Type: Sector Type:

Transport Truck Agency Involved:

Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region:

Site Municipality:

Site Lot:

Site Conc:

Northing:

Otonabee-South Monaghan

Easting: Site Geo Ref Accu:

Site Map Datum: SAC Action Class:

Land Spills

Order No: 21071400031

Source Type:

OSM/South Monaghan: MVA 40L deisel to gnd, ditch.

Road Allowance<UNOFFICIAL>

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PRIVATE OWNER Site: Database: SPL

66617

Order No: 21071400031

HIGHWAY 28 MOTOR VEHICLE (OPERATING FLUID) CAVAN-MILLBROOK-N MONAGHAN TOWNSHIP ON

Ref No: 130649 Discharger Report: Material Group: Site No:

Incident Dt: 8/18/1996 Health/Env Conseq:

Year: Client Type: Sector Type: OTHER CONTAINER LEAK Incident Cause:

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: **NOT ANTICIPATED** Site Municipality: **Environment Impact:** 

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: 8/18/1996 **MOE** Reported Dt: Site Map Datum:

Dt Document Closed: SAC Action Class: **ERROR** Incident Reason: 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 Database: HIGHWAY 28 MOTOR VEHICLE (OPERATING FLUID) OTONABEE-SOUTH MONAGHAN TOWNSHIP ON

Ref No: 20851 Discharger Report:

Material Group: Site No: Incident Dt: 6/22/1989 Health/Env Conseq: Year: Client Type: Incident Cause: UNDERGROUND TANK LEAK Sector Type:

Agency Involved: Incident Event: 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: **NOT ANTICIPATED Environment Impact:** 

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: **NEGLIGENCE (APPARENT)** Incident Reason: Source Type:

Site Name:

Site County/District: Site Geo Ref Meth:

TANKER TRUCK - MAX 2500 LITRES DIESEL FUEL TO GROUND AT CO. Incident Summary:

Contaminant Qty:

PRIVATE RESIDENCE Site: Database: SPL HWY 28 SOUTH OF FRASIERVILLE AT EVERGREEN TRAILER PARK FURNACE OIL TANK OTONABEE-SOUTH

MONAGHAN TOWNSHIP ON

Ref No: 97746 Discharger Report: Site No: Material Group: Incident Dt: // Health/Env Conseq:

Year: Client Type: OTHER CONTAINER LEAK Incident Cause: Sector Type: Incident Event: Agency Involved: Nearest Watercourse: Contaminant Code: Contaminant Name: Site Address:

Site District Office: Site Postal Code: Site Region:

Contaminant UN No 1: CONFIRMED Site Municipality: Environment Impact: 66621

Nature of Impact: Soil contamination Site Lot: Receiving Medium: LAND Site Conc: Receiving Env: Northing: MOE Response:

Easting: **MCCR** 

Database:

Dt MOE Arvl on Scn: Site Geo Ref Accu: 3/24/1994 MOE Reported Dt: Site Map Datum: **Dt Document Closed:** SAC Action Class: Incident Reason: **UNKNOWN** Source Type:

Site Name:

Site County/District: Site Geo Ref Meth:

Contaminant Limit 1: Contam Limit Freg 1:

EVERGREEN TRAILER PARK - 600 L OF FURNACE OIL TO GROUND

Incident Summary: Contaminant Qtv:

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

**TOWNSHIP ON** 

Discharger Report: Ref No: 211998 Site No: Material Group: Incident Dt: Health/Env Conseq: 9/21/2001

Year: Client Type: Incident Cause: OTHER CONTAINER LEAK Sector Type: Agency Involved: Incident Event: 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:** Site Municipality: Confirmed

66617

Soil contamination Nature of Impact: Site Lot: Receiving Medium: Land Site Conc: Receiving Env: Northing: Easting: MOE Response:

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** 

Site Name: Site County/District:

Site Geo Ref Meth:

Incident Summary: OIL TO GROUND 20 GALLONS MUNICIPALITY CLEANING

Contaminant Qty:

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

Source Type:

Agency Involved:

Cavan-Millbrook-North Monaghan

Order No: 21071400031

2832-96KU7M Ref No: 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: Contaminant Code:

SEWAGE, RAW UNCHLORINATED

Nearest Watercourse: Contaminant Name: Site Address: Site District Office: Contaminant Limit 1: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region:

**Environment Impact:** Confirmed Site Municipality:

Nature of Impact: Soil Contamination Site Lot: Receiving Medium:Site Conc:Receiving Env:Northing:MOE Response:Planned Field ResponseEasting:

Dt MOE Arvl on Scn:08-APR-13Site Geo Ref Accu:MOE Reported Dt:08-APR-13Site Map Datum:

Dt Document Closed:SAC Action Class:Watercourse SpillsIncident Reason:Unknown / N/ASource 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

UTM Reliability:

Order No: 21071400031

Well ID: 5118230 Data Entry Status:

Construction Date: Data Src:

 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

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 (m):
 Municipality:
 CAVAN TOWNSHIP

 Elevation Reliability:
 Site Info:
 Depth to Bedrock:
 Lot:
 023

Depth to Bedrock:

Well Depth:

Overburden/Bedrock:

Pump Rate:

Easting NAD83:

Statio Water Level:

Static Water Level:

Flowing (Y/N):

Northing NAD83:
Zone:

Flow Rate: Clear/Cloudy:

#### **Bore Hole Information**

 Bore Hole ID:
 10346259
 Elevation:

 DP2BR:
 Elevrc:

 Spatial Status:
 Zone:

 Code OB:
 0
 East83:

Code OB: 0 Eastos:
Code OB Desc: Overburden North83:
Open Hole: Org CS:

Cluster Kind: UTMRC:

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:

48.0 Formation Top Depth: 200.0 Formation End Depth: Formation End Depth UOM:

# Annular Space/Abandonment

Sealing Record

Plug ID: 933175793

Layer: 0 Plug From: Plug To: 20 Plug Depth UOM: ft

# Method of Construction & Well

<u>Use</u>

**Method Construction ID:** 965118230

**Method Construction Code:** 

**Method Construction:** Cable Tool

Other Method Construction:

#### Pipe Information

Pipe ID: 10894829

Casing No:

Comment: Alt Name:

#### **Construction Record - Casing**

Casing ID: 930568221

Layer: Material:

Open Hole or Material: **STEEL** 

Depth From:

212 Depth To: Casing Diameter: Casing Diameter UOM: inch Casing Depth UOM:

# 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 6.0 Pumping Rate:

Flowing Rate:

Recommended Pump Rate: 6.0 Levels UOM: ft

Rate UOM: **GPM** Water State After Test Code: **CLEAR** Water State After Test: Pumping Test Method: 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: 17
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

<u>Site:</u> lot 23 ON

*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:

Flowing (Y/N): Flow Rate: Clear/Cloudy:

Static Water Level:

Data Entry Status:

Data Src: 1
Date Received: 8

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:

023

Lot:

Concession: Concession Name: Easting NAD83: Northing NAD83:

Zone:

UTM Reliability:

#### **Bore Hole Information**

erisinfo.com | Environmental Risk Information Services

Database:

**WWIS** 

Bore Hole ID: 10346222

DP2BR: Spatial Status:

Code OB:

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:

# Overburden and Bedrock

#### Materials Interval

Formation ID: 932154249 2 Layer:

Color: 2 **GREY** General Color: Mat1: 05 Most Common Material: CLAY Mat2: 13

Mat2 Desc: **BOULDERS** Mat3: 73

**HARD** Mat3 Desc: Formation Top Depth: 2.0 Formation End Depth: 81.0 Formation End Depth UOM: ft

# Overburden and Bedrock

#### **Materials Interval**

Formation ID: 932154248

Layer: 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: **BROWN** General Color: 28 Mat1: Most Common Material: SAND Mat2: 11 **GRAVEL** 

Mat2 Desc: Mat3:

Mat3 Desc:

Formation Top Depth: 81.0 Formation End Depth: 84.0 Formation End Depth UOM: ft

Elevation: Elevrc: Zone: East83: North83:

Org CS:

UTMRC:

UTMRC Desc: unknown UTM

Order No: 21071400031

Location Method: na

# Annular Space/Abandonment

Sealing Record

**Plug ID:** 933175746

 Layer:
 1

 Plug From:
 0

 Plug To:
 20

 Plug Depth UOM:
 ft

# Method of Construction & Well

<u>Use</u>

Method Construction ID: 965118193

Method Construction Code: 1

Method Construction: Cable Tool

Other Method Construction:

#### Pipe Information

**Pipe ID:** 10894792

Casing No:

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:
 5

 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 **GPM** Rate UOM: Water State After Test Code: 1

Water State After Test: **CLEAR** Pumping Test Method: **Pumping Duration HR:** 4 30 **Pumping Duration MIN:** No Flowing:

#### **Draw Down & Recovery**

Pump Test Detail ID: 934801250

Test Type:

Test Duration: 45 72.0 Test Level: Test Level UOM: ft

#### **Draw Down & Recovery**

Pump Test Detail ID: 934548302

Test Type:

Test Duration: 30 61.0 Test Level: Test Level UOM:

#### **Draw Down & Recovery**

934278245 Pump Test Detail ID:

Test Type:

Test Duration: 15 49.0 Test Level: Test Level UOM:

# **Draw Down & Recovery**

935067411 Pump Test Detail ID:

Test Type:

Test Duration: 60 0.08 Test Level: Test Level UOM: ft

#### Water Details

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

Site: Database: lot 23 ON **WWIS** 

Order No: 21071400031

5118192 Data Entry Status:

Well ID: Data Src: Construction Date:

Domestic 8/12/1999 Primary Water Use: Date Received: Sec. Water Use: Selected Flag: True Final Well Status: Water Supply Abandonment Rec:

7030 Water Type: Contractor:

Casing Material:

**Audit No:** 208334

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:

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:

### Overburden and Bedrock

**Materials Interval** 

**Formation ID:** 932154244

 Layer:
 5

 Color:
 2

 General Color:
 GREY

 Mat1:
 05

 Most Common Material:
 CLAY

Most Common Material:CLAYMat2:28Mat2 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 Elevation: Elevrc: Zone: East83: North83: Org CS:

UTMRC: 9

UTMRC Desc: unknown UTM

Order No: 21071400031

Location Method: na

# 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:BOULDERSMat3:73Mat3 Desc:HARDFormation Top Depth:2.0Formation End Depth:85.0Formation End Depth UOM:ft

#### Overburden and Bedrock

#### **Materials Interval**

**Formation ID:** 932154240

Layer:

 Color:
 6

 General Color:
 BROWN

 Mat1:
 02

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 Desc:

Mat3:

Formation Top Depth: 191.0 Formation End Depth: 215.0

#### Formation End Depth UOM:

#### Overburden and Bedrock

Materials Interval

**Formation ID:** 932154246

ft

 Layer:
 7

 Color:
 2

 General Color:
 GREY

 Mat1:
 11

 Most Common Material:
 GRAVEL

 Mat2:
 28

 Mat2 Desc:
 SAND

Mat3:73Mat3 Desc:HARDFormation Top Depth:215.0Formation End Depth:219.0Formation 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

<u>Use</u>

Method Construction ID: 965118192

Method Construction Code:

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

**Pipe ID:** 10894791

Casing No:

Comment: Alt Name:

**Construction Record - Casing** 

**Casing ID:** 930568166

Layer: 2

Material:

Open Hole or Material:

Depth From: 222 Depth To:

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

#### **Construction Record - Casing**

Casing ID: 930568165

Layer: 1 Material: 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

995118192 Pump Test ID:

Pump Set At:

71.0 Static Level: 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 **GPM** Rate UOM: Water State After Test Code: Water State After Test: **CLEAR** Pumping Test Method: 1 Pumping Duration HR: 4 30 **Pumping Duration MIN:** Flowing: No

#### **Draw Down & Recovery**

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

#### **Draw Down & Recovery**

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

# **Draw Down & Recovery**

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

### **Draw Down & Recovery**

934801249 Pump Test Detail ID:

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

Water Details

Water ID: 933822207

Layer: Kind Code:

**FRESH** Kind: Water Found Depth: 222.0 Water Found Depth UOM:

Site:

Database: lot 23 ON

Well ID: 5118228

**Construction Date:** 

Primary Water Use: **Domestic** Sec. Water Use:

Final Well Status:

Water Supply

Water Type: Casing Material:

208336 Audit No:

Tag:

**Construction Method:** Elevation (m): Elevation Reliability:

Depth to Bedrock:

Well Depth:

Overburden/Bedrock:

Pump Rate: Static Water Level: Flowing (Y/N):

Flow Rate: Clear/Cloudy: Data Entry Status:

Data Src:

Date Received: 9/23/1999 Selected Flag: True

Abandonment Rec:

Contractor: 7030 Form Version:

Owner:

Street Name:

PETERBOROUGH County: 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:

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:

Overburden and Bedrock

**Materials Interval** 

Formation ID: 932154367

Layer: Color: 2 General Color: **GREY** Mat1: 05 Most Common Material: **CLAY** 

Mat2: Mat2 Desc: Zone: East83: North83:

Elevation:

Elevrc:

Org CS: UTMRC:

UTMRC Desc: unknown UTM

Order No: 21071400031

Location Method:

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:

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

<u>Use</u>

965118228 **Method Construction ID: Method Construction Code:** 

**Method Construction:** Cable Tool

Other Method Construction:

#### Pipe Information

Pipe ID: 10894827 Casing No: 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: Material: STEEL Open Hole or Material:

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:

**CLEAR** Water State After Test: Pumping Test Method: 1 **Pumping Duration HR:** 5 30 **Pumping Duration MIN:** Flowing: No

## **Draw Down & Recovery**

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

Test Duration:

Test Level: 130.0 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

AGR

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** 

Order No: 21071400031

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

Provincial Certificates of Approval:

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\*

Federal **Dry Cleaning Facilities: 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

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

Provincial

COAL

Order No: 21071400031

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:

**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 FCA

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

Order No: 21071400031

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

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

Government Publication Date: Dec 31, 2016

#### **Environmental Penalty Annual Report:**

Provincial

**EPAR** 

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

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

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** 

Order No: 21071400031

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

NC

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

Government Publication Date: 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

Order No: 21071400031

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** 

Order No: 21071400031

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

Government Publication Date: 1920-Feb 2003\*

#### National Environmental Emergencies System (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

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

Federal

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

Order No: 21071400031

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

Provincial PINC Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: 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

Order No: 21071400031

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:

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

Provincial

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 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990\*

#### Water Well Information System:

Provincial

**WWIS** 

Order No: 21071400031

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**

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

<u>Detail Report</u>: 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.

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

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

<u>Elevation:</u> 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.

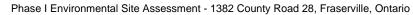
'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'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.

<u>Map Key:</u> 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.'

<u>Unplottables:</u> 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.



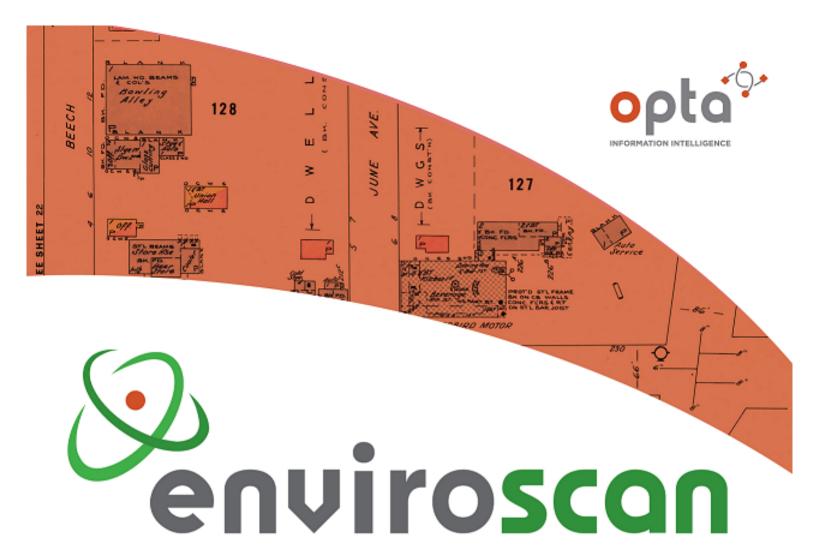


RIC (Highway 28) Inc.

Cambium Reference: 12579-002

2021-08-04

<b>Appendix</b>	D
Opta Repo	rt









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

Page: 2

Project Name: Phase I ESA Kawartha Downs

Project #: 21071400031 P.O. #: 12579001

## **ENVIROSCAN** Report

Search Area: 1683 Moore Drive 1382 1409 County Road 28 Fraserville ON

Requested by: Eleanor Goolab

Date Completed: 07/20/2021 14:06:35

Moore Dr

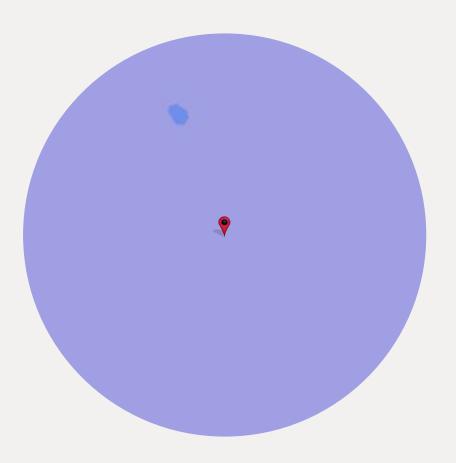


OPTA INFORMATION INTELLIGENCE



Moore Dr

Moore Dr



Kawartha And Spe



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## Page: 3

Project Name: Phase I ESA Kawartha Downs

Project #: 21071400031 P.O. #: 12579001

## **ENVIROSCAN** Report

## Opta Historical Environmental Services Enviroscan Terms and Conditions

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



OPTA INFORMATION INTELLIGENCE

# Opta Historical Environmental Services Enviroscan 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.



175 Commerce Valley Drive W

Markham, Ontario

L3T 7Z3

T: 905.882.6300

Toll Free: 905.882.6300

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An SCM Company

www.optaintel.ca

Page: 4
Project Name: Phase I ESA Kawartha Downs

Project #: 21071400031 P.O. #: 12579001

## **ENVIROSCAN** Report

**No Records Found** 

Requested by:

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

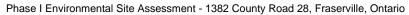


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## **No Records Found**

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RIC (Highway 28) Inc.

Cambium Reference: 12579-002

2021-08-04

Appendix		endix E
Aerial	Imagery	Review



2021-08-04

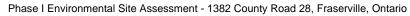
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CAMBIUN	١

Year	Source	Notes
1959	NAPL	The Site has not been developed with the main building, barns/stables or tracks. The green barn located in the north portion of the Site is present along with a potential farm house. The gas station at the southeast corner of Whitefield Road and County Road 28 is present. The Site and surrounding properties are used for agricultural purposes.
1981	NAPL	The Site has been developed with the main building, the barns/stables and a single track. The 2008 aerial photograph shows the Site and surrounding properties in a similar configuration to today. There is vehicle or equipment storage in the parking lot north of the track and west of the barn. There is potentially imported soil materials in the northwest corner of the Site with access being obtained from the north driveway and from 1490 County Road 28
2008	GIS	The 2008 aerial photograph shows the Site and surrounding properties in a similar configuration to today. There is vehicle or equipment storage in the parking lot north of the track and west of the barn. There is potentially imported soil materials in the northwest corner of the Site with access being obtained from the north driveway and from 1490 County Road 28
2020	GIS	The Site and surrounding properties are in a similar configuration to today.

Sources:

NAPL - National Air Photo Library

GIS – County of Peterborough online GIS





RIC (Highway 28) Inc.

Cambium Reference: 12579-002

2021-08-04

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# **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<sub>ESA</sub>) 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**

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
2008	Ground Disturbance Level II Course, Global Training Centre, Calgary, Alberta Mentally Active Driver Program, Fleet Safety International, Calgary, Alberta 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 exsitu 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.