



May 8, 2019

Nautical Lands Group
2962 Carp Road
Ottawa, ON K0A 1L0

E-mail: jgowland@nauticallandsgroup.com

Attention: Mr. Jim Gowland

Re: Phase I Environmental Site Assessment Update
5731 Hazeldean Road, Ottawa, Ontario
Pinchin File: 241804

Pinchin Ltd. (Pinchin) was retained through an Authorization to Proceed, Limit of Liability and Terms of Engagement signed by Mr. Jim Gowland of Nautical Lands Group (Client) to conduct a Phase I Environmental Site Assessment (ESA) Update of the property located at 5731 Hazeldean Road, Ottawa, Ontario (hereafter referred to as the Site).

The Site is currently being developed with a five-storey multi-tenant residential retirement building (Site Building).

Pinchin was advised by the Client that the purpose of the Phase I ESA Update was to assess potential issues of environmental concern in relation to the potential financing of the Site.

UPDATE

Pinchin reviewed and is providing the Client with an update of the findings of the report previously prepared for the Site, entitled "*Phase One Environmental Site Assessment, 5731 Hazeldean Road, Ottawa, Ontario*" prepared by Pinchin for Wellings of Stittsville Inc. and Extendicare (Canada) Inc., and dated December 23, 2015 (the 2015 Pinchin Phase One ESA Report).

The 2015 Pinchin Phase One ESA Report was completed in accordance with Part VII and Schedule D of the Province of Ontario's *Environmental Protection Act R.S.O. 1990, c. E.19* and *Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act*, and last amended by Ontario Regulation 312/17 on July 28, 2017 (O. Reg. 153/04). The 2015 Pinchin Phase One ESA Report consisted of historical reviews and regulatory database searches, as well as interior and/or exterior assessments of the Site and surrounding properties.

Based on the results of the 2015 Pinchin Phase One ESA Report, nothing was identified that is likely to result in potential subsurface impacts at the Site. As such, no subsurface investigation work (Phase II ESA) was recommended at that time.



SCOPE OF WORK

The Phase I ESA Update was completed in general accordance with the Canadian Standards Association (CSA) document entitled “*Phase I Environmental Site Assessment, CSA Standard Z768-01*” dated November 2001 (reaffirmed 2016), including a review of readily-available historical records, a review of readily-accessible regulatory records, a Site reconnaissance, interviews, an evaluation of information and reporting, subject to the limitations outlined in the Standard Limitations portion of this Update letter. In addition, Pinchin reviewed the document entitled “*Geotechnical Investigation, Proposed Mixed Use Development, 5731 Hazeldean Road, Ottawa, Ontario*” prepared by Paterson Group Inc. (Paterson) for the Client, and dated May 10, 2016 (the 2016 Paterson Geotechnical Report).

The scope of work did not include a health and safety, engineering or structural evaluation of the Site. The scope of a Phase I ESA Update does not include sampling or testing of any kind including that of air, soil, groundwater, surface water or building materials.

FINDINGS

Based on a review of the 2015 Pinchin Phase I ESA Report, Pinchin was of the opinion that the following items should be addressed and/or updated in the Phase I ESA Update:

- Site Reconnaissance and Interviews;
- Regulatory Correspondence;
- Hazardous Materials;
- Aboveground Storage Tanks (ASTs);
- Underground Storage Tanks (USTs);
- Polychlorinated Biphenyls (PCBs);
- Asbestos-containing materials (ACMs);
- Lead-Containing Paints;
- Ozone-Depleting Substances (ODS);
- Mould or Microbial Contamination;
- Heating and Cooling Systems; and
- Oil/Water Separators.

It should be noted that Pinchin did not contact Opta Information Intelligence (Opta), the Technical Standards and Safety Authority (TSSA), the City of Ottawa and EcoLog Environmental Risk Information Service Ltd. (ERIS) during this Phase I ESA Update. Based on the information provided by these businesses and regulatory agency during the 2015 Pinchin Phase One ESA Report and the fact that the



Site and surrounding land uses are consistent with the 2015 Pinchin Phase One ESA Report; it is Pinchin's opinion that this information did not need to be updated during this Phase I ESA Update.

Site Reconnaissance and Interviews

Pinchin conducted a Site reconnaissance on May 6, 2019, and was accompanied by Mr. Jim Gowland, Real Estate Manager with Nautical Lands Group and associated with the Site for approximately four years, and hereafter referred to as the Site Representative.

The Site reconnaissance included a walk-through of accessible areas of the interior of the Site Building and exterior areas of the Site while accompanied by the Site Representative. It should be noted that due to construction activities throughout the Site Building, only a representative sample of the Site Building (i.e., the majority of the basement level and ground floor) were accessed at the time of Pinchin's Site reconnaissance. At the time of the Site reconnaissance, the ground surface was dry and the weather was sunny. The Site reconnaissance was documented with notes and photographs.

The Site is located on the northwest side of Hazeldean Road, approximately 100 metres (m) southwest of Huntmar Drive, in Ottawa, Ontario. Pinchin observed that the Site and surrounding area appeared to be generally similar to the findings noted during Pinchin's previous Site reconnaissance conducted in 2015, consisting of vacant, residential and commercial land uses.

The Site is currently being developed with a five-storey multi-tenant residential retirement building (Site Building). The superstructure has been constructed; however, most mechanical systems had not been installed at the time of Pinchin's Site reconnaissance, and very minimal interior finishes were observed. The Site Building contains a single-level basement that is present beneath the entire footprint of the Site Building, and is primarily utilized as an underground parking garage (UPG). In addition, the basement level contains (or will soon contain) various mechanical rooms (electrical and boiler rooms), a fire sprinkler area, bicycle storage areas, laundry facilities, staff areas, storage/maintenance rooms and elevator maintenance rooms (each elevator will be equipped with an elevator sump). In addition, multiple sand/grit interceptors and storm water sumps will reportedly be present within the basement level of the Site Building. The ground floor contains (or will soon contain) a lobby/atrium area, lounge and social areas, a kitchen and bistro, residential units, offices, storage/maintenance rooms, mail room and washrooms. The remaining floors within the Site Building are (or will soon be) primarily occupied by residential units, with the exception of the second floor, which will reportedly also contain social areas, a wellness centre, a library and a fitness centre.

Three cable-driven passenger elevators will service the Site Building; however, the elevator equipment was not yet installed at the time of Pinchin's Site reconnaissance. There is no day care in the Site Building, nor is there external playground equipment. The majority of the Site exterior consists of an



asphalt-paved access roadway (on the west and north portions of the Site) and bare ground areas utilized for the storage of construction equipment and supplies. A 1,360-L steel AST containing regular gasoline is located on the south portion of the Site, and a 454-L steel AST containing diesel is located within the storage yard, on the central portion of the Site. A natural gas-fired emergency generator is located exterior to the north elevation of the Site Building. Multiple groundwater monitoring wells were observed on-Site; however, as indicated within the 2016 Paterson Geotechnical Report, these groundwater monitoring wells were installed for geotechnical purposes.

Site maintenance activities involve painting, replacement of light fixtures, minor plumbing and electrical work on an as-needed basis.

Poole Creek Ravine, running in a northeast-southwest direction, intersects the northwest corner of the Site. Based on general hydrogeological principles and the location of this water body, the unconfined groundwater beneath the Phase One Property is expected to flow in a northerly direction.

Two automotive repair/servicing facilities are located southwest of the Site; however, these properties are located at least 145 m southwest of the Site and are situated hydraulically transgradient in relation to the inferred groundwater flow direction from the Site. Based on the distance between these properties and the Site, as well as the inferred groundwater flow direction, it is Pinchin's opinion that these properties are unlikely to result in potential subsurface impacts at the Site.

Based on Pinchin's observations of the surrounding properties, nothing was observed that is likely to result in potential subsurface impacts at the Site.

Regulatory Correspondence

Ministry of the Environment, Conservation and Parks (MECP)

As noted in the 2015 Pinchin Phase One ESA Report, a Ministry Of the Environment and Climate Change (MOECC, now referred to as the MECP) Freedom of Information (FOI) request was submitted to the MOECC for a search of the MOECC's environmental files. Pinchin noted that, at the time of writing the 2015 Pinchin Phase One ESA Report, no response had been received from the MOECC. However, while writing this Phase I ESA Update, Pinchin reviewed the MOECC response from the previous FOI request filed in 2015. The MOECC response indicated that there were no environmental records for the Site. However, based on the time that has elapsed since the previous 2015 Pinchin Phase One ESA Report was prepared in December 2015, an additional MECP request was submitted by Pinchin as part of this Phase I ESA Update. At the time of writing this report, no response had been received from the MECP. When a formal response is received, it will be reviewed by Pinchin. If there is any information that represents a potential issue of environmental concern, a copy of the response will be forwarded to the Client under separate cover. Our conclusions and recommendations may be amended based on this



information. Copies of the former MOECC response, as well as Pinchin's current request to the MECP, are attached.

Pinchin conducted a search of the MECP *Brownfields Environmental Site Registry*. Based on the results of Pinchin's search, a Record of Site Condition (RSC) has not been filed for the Site or neighbouring properties within a 250 m radius of the Site.

Technical Standards & Safety Authority (TSSA)

As noted in the 2015 Pinchin Phase One ESA Report, the TSSA was contacted to establish the status of the Site with respect to their files, to identify outstanding instructions, incident reports, fuel/oil spills or contamination records associated with the Site or the immediately adjacent/surrounding properties. Discussions with the TSSA indicated that their files did not contain any evidence of USTs, fuel spills or contamination records at the Site or these nearby properties. A copy of the former TSSA response is attached.

City of Ottawa

As noted in the 2015 Pinchin Phase One ESA Report, inquiries were made to the City of Ottawa to conduct a search within their Historical Land Use Inventory (HLUI) and environmental (i.e., violations, sewer-use infractions, spills or leaks, waste disposal sites, etc.) databases for information concerning the Site and Site area. The HLUI database contains information concerning land uses within the City of Ottawa that may have the potential to impact soil and/or groundwater. Pinchin indicated that at the time of writing their report, no response had been received from the City of Ottawa. However, while writing this update Pinchin reviewed the City of Ottawa response from the previous request filed in 2015. The City of Ottawa response did not identify any potential environmental concerns for the Site. Based on the information provided by the City of Ottawa during the initial Phase One ESA and the fact that the Site land use has not changed since the initial Phase One ESA, Pinchin did not submit another request to the City of Ottawa during this Phase I ESA Update. A copy of the former City of Ottawa response is attached.

In addition, Pinchin reviewed the "Mapping and Assessment of Former Industrial Sites" report that was prepared by Intera Technologies Inc. (Intera) for the City of Ottawa. The Intera report consists of a study that lists former industrial sites that may have potentially impacted the soil and/or groundwater at their respective locations. The sites identified within the study are categorized as Group I, Group II or Group III. Low priority sites are identified as Group III as it is unlikely that significant waste quantities remain present at these properties today and, therefore, the potential for environmental impact is low. Medium priority sites are identified as Group II as they are presently likely to have waste quantities remaining; however, the sites' location with respect to surface waste is such that significant environmental impacts are not



likely to occur. High priority sites are identified as Group I as there is documentation demonstrating that wastes are present at these sites, and that the potential for environmental impact is high.

The 1988 Intera report was consulted and the Site and surrounding properties were not included as part of the study area.

EcoLog Environmental Risk Information Service Ltd.

Based on the information provided by EcoLog ERIS during the 2015 Pinchin Phase One ESA Report, Pinchin did not contact EcoLog ERIS as part of this Phase I ESA Update. As noted in the 2015 Pinchin Phase One ESA Report, a report was received from EcoLog ERIS for all available databases, as they pertain to the Site and surrounding properties.

In addition, Pinchin reviewed the following publications prepared by Intera for the MECP:

- *“Inventory of Coal Gasification Plant Waste Sites in Ontario”*, dated April 1987; and
- *“Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario”*, dated November 1988.

Based on Pinchin’s review of the report provided by EcoLog ERIS for the 2015 Pinchin Phase One ESA Report, nothing was identified that is likely to result in potential subsurface impacts at the Site. A copy of the former EcoLog ERIS report is attached.

Opta Information

Based on the information provided by Opta during the 2015 Pinchin Phase One ESA Report, Pinchin did not contact Opta as part of this Phase I ESA Update. As noted in the 2015 Pinchin Phase One ESA Report, Opta was contacted to obtain Fire Insurance Plans related to the Site and surrounding area, as well as Property Underwriters’ Reports and Property Underwriters’ Plans for the Site.

A response was received from Opta, dated December 8, 2015, indicating that no documentation was available for the Site. A copy of the former Opta response is attached.

Hazardous Materials

Topic	Findings
Chemicals	Chemicals typically used for building maintenance (e.g., window cleaners, bleach, paints, deodorizers, etc.) were noted on-Site at the time of the Site reconnaissance. All chemicals observed on-Site were stored within manufacturer-supplied containers in various locations throughout the Site Building. Regular gasoline (stored in a steel AST) was observed on the south portion of the Site. Diesel (stored in a steel AST) was observed exterior to the east elevation of the Site Building, on the central portion of the storage yard.



Topic	Findings
Compressed Gases	Propane (seven 100-pound cylinders) stored in a locked metal cage within the storage yard exterior to the east elevation of the Site Building.
Hazardous Waste	None observed and none reported by the Site Representative.

No spills or evidence of historical spills (i.e., staining) were observed in the chemical storage areas noted above. The interior floor slabs were observed to be in good condition (i.e., no cracking or pitting) and no spills or evidence of historical spills (i.e., staining) was observed in the vicinity of the ASTs. No floor drains or catch basins were present in the vicinity of the chemical storage areas.

Aboveground Storage Tanks

The following ASTs were observed on-Site:

Size (L)	Construction Material	Single or Double Wall	Age	Product Stored	Location
1,360	Steel.	Double.	2017.	Regular gasoline.	South portion of the Site.
454	Steel.	Double.	Unknown.	Diesel.	Exterior to the east elevation of the Site Building, on the central portion of the storage yard.

No spills or evidence of historical spills (i.e., staining) was observed in the vicinity of the ASTs.

Underground Storage Tanks

No evidence of USTs was observed on-Site, and none were reported by the Site Representative.

Polychlorinated Biphenyls

The use of PCBs as dielectric fluids in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors was common up to about 1980. The Federal PCB Regulations, SOR/2008-273, regulate the manufacture, import, export, sale, use and processing of PCBs. In addition, these regulations aim to eliminate the use of high level PCBs (>500 milligrams per kilogram (mg/kg)), as well as low level PCBs (50-500 mg/kg) on or within 100 m of a "Sensitive Site" (e.g., drinking water treatment facility, feed/food processing plant, child care facility, schools, hospitals, etc.), by December 31, 2009. Light ballasts, pole top transformers, and other electrical equipment with low level PCBs (50-500 mg/kg) in non-sensitive sites are aimed to be eliminated by December 31, 2025.



Given the year of construction of the Site Building (i.e., approximately 2017-2019), it is unlikely that PCBs are present in on-Site electrical equipment. A pad-mounted oil-cooled transformer is located on the southwest portion of the Site. The transformer is owned and maintained by Hydro Ottawa. No staining was observed on the concrete pad in the vicinity of the transformer.

No hydraulic equipment was observed on-Site and none was reported.

Asbestos-Containing Materials

ACMs are commonly found in building construction materials (particularly in older buildings constructed prior to 1985). Friable asbestos (friable is defined as a material that can be crumbled, powdered or pulverized by hand pressure) was widely used in sprayed fireproofing until 1973, and in decorative or finishing plasters, and thermal systems insulation until the early 1980s. Non-friable or manufactured asbestos products were widely used in building construction including in vinyl floor tiles, sheet flooring, ceiling tiles, pipe gaskets, roofing materials, asbestos cement boards, and numerous other products until the mid-1980s. A very limited number of non-friable asbestos products in limited quantities are still in use currently in building construction. The application of friable asbestos was banned by Ontario Regulation 654/85, which came into effect March 1985. On November 1, 2005, this regulation was most recently updated and changed to Ontario Regulation 278/05.

Given the year of construction of the Site Building (i.e., approximately 2017-2019), it is considered that there is a low potential for ACMs to be present.

Lead-Containing Paints

Lead was commonly used as an additive in paints with no restricted level up until the mid-1970s. This included architectural paints used on interior and exterior surfaces, primers and coatings for anti-corrosive purposes, consumer paints, and paint on furniture and other household items. Beginning in 1976, the federal government limited the amount of lead in consumer paints to 5,000 parts per million (ppm) and steadily reduced the lead content, primarily in the interest of public safety. In 2005, the limit was reduced to 600 ppm and in 2010, the limit was further reduced to 90 ppm, however, there is no restriction on lead in paints used for anti-corrosion purposes (e.g., steel primers and exterior coatings) and road and line markings. In June 2016, these exemptions were removed and as of this date, any paint sold should not contain more than 90 ppm, even if sold for anti-corrosion purposes

Pinchin did not conduct an assessment of lead in painted surfaces as part of this Phase I ESA Update, and the Site Representative advised Pinchin that no surveys have been previously conducted at the Site. Prior to any demolition or renovation activities, a designated substance survey (including lead) would be required. During Pinchin's Site reconnaissance, painted surfaces (where observed), were in good condition (i.e., no peeling or flaking).



Ozone-Depleting Substances

The bulk storage of ODSs was not observed during Pinchin's Site reconnaissance.

Mould or Microbial Contamination

The presence of mould or other microbiological contamination in buildings has become a concern to building tenants and owners due to potential health effects on occupants and users. Provincial Ministries of Labour have recently issued guidelines on enforced regulations to protect the health of construction workers who are exposed to mould in the course of building renovation. The presence of water leaks or high humidity can cause the growth or amplification of mould within building environments.

A comprehensive inspection for mould, which would require intrusive testing, was not performed as part of this Phase I ESA Update. Visible mould or water-damaged areas were not observed at the time of the Site reconnaissance. The Site Representative was not aware of the presence of mould in the Site Building. In addition, the Site Representative was not aware of any historical leaks in the Site Building or past flooding events.

Heating and Cooling Systems

Heating and cooling within the residential units will reportedly soon be provided by individual natural gas-fired heating and electrically-powered cooling hydronic fan coil units. Heating and cooling within the common areas of the Site Building will reportedly soon be provided by natural gas-fired boilers supplying hydronic baseboards/radiators and natural gas-fired heating/ventilation/air-conditioning (HVAC) units.

Oil/Water Separators

No oil/water separators were observed at the Site and none were reported by the Site Representative. However, multiple sand/grit interceptors will reportedly be present within the basement level of the Site Building.

CONCLUSIONS

Based on the results of the 2015 Pinchin Phase One ESA Report and this Phase I ESA Update completed by Pinchin, nothing was identified that is likely to result in potential subsurface impacts at the Site. As such, no subsurface investigation work (Phase II ESA) is recommended at this time.

TERMS AND LIMITATIONS

This Phase I ESA Update was performed in order to identify potential issues of environmental concern associated with the Site located at 5731 Hazeldean Road, Ottawa, Ontario, at the time of the Site reconnaissance. This Phase I ESA Update was performed in general compliance with currently



acceptable practices for environmental site investigations, and specific Client requests, as applicable to this Site. The scope of work completed by Pinchin, as part of this Phase I ESA Update, is not sufficient (in and of itself) to meet the requirements for the submission of an RSC in accordance with Ontario Regulation 153/04 (as amended). If an RSC is an intended end product of work conducted at the Site, further consultation and/or work will be required.

This report was prepared for the exclusive use of Nautical Lands Group, subject to the terms, conditions and limitations contained within the duly authorized work plan for this project. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted.

If additional parties require reliance on this report, written authorization from Pinchin will be required. Such reliance will only be provided by Pinchin following written authorization from the Client. Pinchin disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs. No other warranties are implied or expressed. Furthermore, this report should not be construed as legal advice. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law.

The information provided in this report is based upon analysis of available documents, records and drawings, and personal interviews. In evaluating the Site, Pinchin has relied in good faith on information provided by other individuals noted in this report. Pinchin has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information provided by the current owner/occupant. Pinchin accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted, or contained in reports that were reviewed. The scope of work for this Phase I ESA Update did not include an intrusive investigation for designated substances (i.e., asbestos, mould, etc.) and, therefore, these materials may be present in concealed areas.

Pinchin makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and these interpretations may change over time.

The CSA document entitled "*Phase I Environmental Site Assessment, CSA Standard Z768-01*" dated November 2001 (reaffirmed 2016), does not apply to environmental auditing or environmental management systems. Therefore, with respect to Site operations and conditions, compliance with



applicable Federal, Provincial or Municipal acts, regulations, laws and/or statutes was not evaluated as part of the Phase I ESA Update.

CLOSURE

The conclusions and recommendations represent the best judgment of the assessor based on the previous 2015 Pinchin Phase One ESA Report and the findings completed by Pinchin, as well as the current environmental standards.

This report has been issued without having received a response to a request for information from the MECP. Our conclusions and recommendations may be amended based on information obtained from this regulatory agency.

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

Pinchin Ltd.

Prepared by:

Reviewed by:

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Ministry of the Environment
and Climate Change

Freedom of Information and
Protection of Privacy Office

12th Floor
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Fax: (416) 314-4285

Ministère de l'Environnement et de
l'Action en matière de changement
climatique

Bureau de l'accès à l'information et
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December 31, 2015

Kurt Frommann
Pinchin Environmental
1001 - 555 Legget Dr
Kanata, ON K2K 2X3

No Records. ✓
(KF)

Dear Kurt Frommann:

RE: **Freedom of Information and Protection of Privacy Act Request
Our File # A-2015-07361, Your Reference 110847**

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 5731 Hazeldean Road, Ottawa.

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is \$30.00 for 1 hour of search time @ \$30.00 per hour. **We have applied the \$30.00 for this request from your initial payment. This file is now closed.**

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.


If you have any questions regarding this matter, please contact Everett Burge at (416) 314-6129 or everett.burge@ontario.ca.

Yours truly,

Handwritten signature of Heidi Ritscher in cursive script.

for Heidi Ritscher
FOI Manager

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Julie Roy Pinchin Ltd. 1 Hines Road, Suite 200 Kanata, Ontario K2K 3C7 For questions or concerns please contact Julie Crooks at: jcrooks@pinchin.com			FOI Request No.	FOI Co-ordinator Review date
			Date Request Received	Fee Paid ~ ACCT ~ CHQ <input checked="" type="checkbox"/> VISA ~ CASH
			Response Due Date	
Telephone/Fax Nos. Tel: (613) 592-3387 ext 1833 Fax (613) 592-5897	Your Project/Reference No. 241804	Signature of Requester 	<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/>	
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)				
5731 Hazeldean Road, Ottawa, Ontario				
Present Property Owner(s) and Date(s) of Ownership				
Nautical Lands Group				
Previous Property Owner(s) and Date(s) of Ownership				
Present/Previous Tenant(s), (if applicable)				
Search Parameters				Specify Year(s) Requested
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)				ALL
Orders				ALL
Spills				ALL
Investigations/prosecutions ▶ Owner/tenant information must be provided				ALL
Waste Generator number/classes				ALL
Certificates of Approval ▶ Proponent information must be provided				
1985 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, hydrogeological reports, etc.				
			SD	Specify Year(s) Requested
air – emissions				
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				
waste water - industrial discharge				
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				
waste systems	- haulers: sewage, non-hazardous & hazardous waste			
	- mobile waste processing units			
	- PCB destruction			
pesticides - licenses				

From: [Sarah Quibell](#) on behalf of [Public Information Services](#)
To: [Frommann, Kurt](#)
Subject: RE: Tank Search - Pinchin Project #110847
Date: Wednesday, December 02, 2015 3:35:27 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)

Good afternoon Kurt,

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses).

For a further search in our archives please submit your request in writing to Public Information Services via e-mail (publicinformationservices@tssa.org) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

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.

Thank you and have a great day!

Regards,

Sarah

Public Information Services

Facilities & Business Services

3300 Bloor Street West

Center Tower, 16th Floor

Toronto, Ontario, M8X-2X4

Tel: 1-877-682-8772 Fax: (416) 734-3568 E-mail: publicinformationservices@tssa.org

www.tssa.org



From:

Frommann,
Kurt



[<mailto:kfrommann@Pinchin.com>]

Sent: Wednesday, December 02, 2015 3:34 PM

To: Public Information Services

Subject: Tank Search - Pinchin Project #110847

To Whom It May Concern;

I am writing this email on behalf of Pinchin Ltd. Could you please conduct a web search for fuel tanks and retail fuel outlets on the following addresses in Ottawa, Ontario:

- 1) 15 Huntmar Drive;
- 2) 21 Huntmar Drive;
- 3) 5731 Hazeldean Road;
- 4) 5734 Hazeldean Road;
- 5) 5754 Hazeldean Road;
- 6) 20 Cedarow Court;
- 7) 2 Iber Road; and
- 8) 5 Orchard Drive.

Thank you for your time and co-operation regarding this matter.

Sincerely,

Kurt Frommann, B.A., EMAPG

Project Technologist, Environmental Due Diligence & Remediation

Pinchin Ltd.

555 Legget Drive, Suite 1001, Tower A, Kanata ON K2K 2X3

T: 613.592.3387 ext. 1820 | C: 613.410.6956 | pinchin.com

kfrommann@pinchin.com

www.pinchin.com

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DATABASE REPORT



Project Property: 5731 Hazeldean Road, Ottawa, ON
5731 Hazeldean Rd
Ottawa ON K2S1E6
110847

P.O. Number

Report Type: Quote - Custom-Build Your Own Report

Order #: 20151202137

Requested by: Pinchin Ltd

Date: December 7, 2015

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Environmental Risk Information
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Executive Summary

Property Information:

Project Property: 5731 Hazeldean Road, Ottawa, ON
5731 Hazeldean Rd Ottawa ON K2S1E6

P.O. Number: 110847

Order Information:

Order No.: 20151202137
Date Requested: 08/12/2015
Requested by: Pinchin Ltd
Report Type: Quote - Custom-Build Your Own Report

Additional Products:

Topographic Map National Topographic Maps
Topographic Map ANSI Map & Ontario Base Map (OBM)

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	12	12
CA	<i>Certificates of Approval</i>	Y	0	5	5
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	1	1
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	12	12
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	6	6
HINC	<i>TSSA Historic Incidents</i>	Y	0	4	4
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defence & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defence & Canadian Forces Spills</i>	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGW	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	1	1
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	1	1
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	1	1
SPL	<i>Ontario Spills</i>	Y	0	2	2
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>TSSA Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	12	12
Total:			0	57	57

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist m</i>	<i>Elev diff m</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev diff m	Page Number
1	BORE		ON	ENE/10.3	0.89	17
2	EHS		16 to 20 Cedarow Court Kanata (Ottawa) ON	SW/29.8	0.00	17
3	BORE		ON	SSE/6.2	3.00	17
3	WWIS		lot 27 con 12 ON	SSE/6.2	3.00	18
4	BORE		ON	SSE/15.1	3.00	18
5	BORE		ON	SSE/18.3	3.00	19
6	SPL	PUC	ON VACANT LOT AT CORNER OF HAZELDINE ROAD & FRINGEWOOD DRIVE, STITTSVILLE SANITARY SEWER GOULBOURN TOWNSHIP ON	SSE/28.1	3.00	19
7	GEN	CITY OF OTTAWA	19 HUNTMAR DRIVE - OTTAWA POLICE SERVICES OTTAWA ON	NNE/86.1	-0.04	20
8	BORE		ON	SSE/44.4	3.00	20
9	BORE		ON	SSE/44.2	3.00	20
10	EBR	Bryton Capital Corporation	Part of Lot 27, Concession 12, 20 Cedarow Court Ottawa ON	SSW/114.4	2.00	21
11	WWIS		lot 27 con 11 ON	ESE/74.4	0.32	21
12	CA	George Carruthers	5 Cedarow Court Ottawa ON K2S 1V6	SSW/142.8	2.00	22
13	BORE		ON	SE/101.1	0.89	22
14	CA	301152 ONTARIO LTD. "IN TRUST" C/O MR. R	IBER ROAD AND HAZELDEAN ROAD GOULBOURN TWP. ON	E/99.5	0.00	23

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev diff m	Page Number
14	CA	301152 ONTARIO LTD. "IN TRUST" C/O MR. R	IBER ROAD AND HAZELDEAN ROAD GOULBOURN TWP. ON	E/99.5	0.00	23
14	SPL		Intersection of Iber Rd and Hazeldean Rd Ottawa ON	E/99.5	0.00	23
15	CA	AUTO SEARCHERS LIMITED	3 CEDAROW COURT, PLAN 4M-691 GOULBOURN TWP. ON	SSW/142.9	2.90	23
15	GEN	AUTO SEARCHERS LTD.	3 CEDAR ROW COURT STITTSVILLE ON	SSW/142.9	2.90	24
16	WWIS		lot 27 con 11 ON	S/89.6	3.00	24
17	EHS		5734 & 5754 Hazeldean Road and 2 Iber Road Ottawa ON	ESE/107.7	0.00	24
18	EHS		2 Iber Road Stittsville ON	ESE/95.9	0.00	25
18	EHS		2 Iber Rd Ottawa ON	ESE/95.9	0.00	25
18	EHS		2 Iber Road Ottawa ON	ESE/95.9	0.00	25
19	WWIS		lot 27 con 11 ON	SE/122.0	0.03	25
20	EHS		10 Cedarow Court Stittsville ON K2S 1V6	SW/181.6	1.77	26
21	BORE		ON	S/133.4	3.00	26
22	WWIS		lot 26 con 12 STITTSVILLE ON	SSW/162.0	3.00	26
23	HINC		521 SHAWONDASEE STREET STITTSVILLE ON K2S 0K5	WNW/123.8	-1.00	27
23	HINC		521 SHAWONDASEE STREET STITTSVILLE ON K2S 0K5	WNW/123.8	-1.00	27
24	EHS		2 Iber Road and 5734 And 5754 Hazeldean Road Ottawa ON	SE/157.5	1.00	28
25	GEN	G.G. Pharmacy Inc.	5709 HAZELDEAN ROAD KANATA ON	ENE/177.1	0.00	28
26	BORE		ON	SSW/165.9	3.00	28
27	WWIS		lot 27 con 11 ON	ESE/140.1	0.00	29

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev diff m	Page Number
28	BORE		ON	SSW/186.8	3.00	29
29	EHS		5649 Hazeldean Road Ottawa ON	ENE/211.2	0.00	30
30	CA	4267281 Canada Inc.	8 Cedarow Court Ottawa ON K2S 1V6	SW/223.0	2.68	30
30	EHS		8 Cedarow Court Ottawa ON	SW/223.0	2.68	30
30	SCT	Deb's Valley Foods Inc.	8 Cedarow Crt Stittsville ON K2S 1V6	SW/223.0	2.68	30
31	EHS		6 Cedarow Crt Ottawa ON K2S 1V6	SW/224.3	3.03	31
32	BORE		ON	SSW/189.3	3.00	31
33	PES	METRO ONTARIO INC. O/A METRO FOOD BASICS	5703 HAZELDEAN RD STITTSVILLE ON K7S 0P6	ENE/202.0	-0.91	32
34	HINC		211 TEMPEST DRIVE STITTSVILLE ON K2S 0K4	NW/197.9	-1.00	32
35	GEN	MEL (SEE & USE ON0476101) 25-417	OTTAWA GOULBOURN BUSINESS PARK 1 IBER ROAD STITTSVILLE ON K2S 1E6	ESE/190.0	0.00	32
35	GEN	MEL DEFENCE SYSTEMS LIMITED	OTTAWA GOULBOURN BUSINESS PARK 1 IBER ROAD STITTSVILLE ON K2S 1E6	ESE/190.0	0.00	32
35	GEN	LOCKHEED CANADA INC.	OTTAWA GOULBOURN BUSINESS PARK 1 IBER ROAD STREET STITTSVILLE ON K2S 1E6	ESE/190.0	0.00	33
36	WWIS		lot 26 con 11 ON	SSW/218.5	3.00	33
37	EHS		5 Orchard Drive Stittsville ON	S/197.2	3.00	34
38	WWIS		STITTSVILLE ON	SSE/203.6	3.00	34
39	EHS		1 & 3 IBER ROAD OTTAWA ON	ESE/215.8	0.00	34
40	PINC		Lot 26 - 423 Brigatine Avenue, Kanata ON	NNE/241.2	-2.00	34
41	WWIS		lot 26 con 11 ON	SSW/249.4	2.73	35
42	BORE		ON	SSW/246.4	3.00	35

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist m</i>	<i>Elev diff m</i>	<i>Page Number</i>
42	WWIS		lot 26 con 11 ON	SSW/246.4	3.00	36
43	HINC		15 CLOVERLOFT LANE STITTSVILLE ON	S/240.3	3.00	36
44	WWIS		STITTSVILLE ON	S/243.1	3.00	37
45	WWIS		ON	S/245.1	3.00	37

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 12 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
	ON	10.3	<u>1</u>
	ON	6.2	<u>3</u>
	ON	15.1	<u>4</u>
	ON	18.3	<u>5</u>
	ON	44.4	<u>8</u>
	ON	44.2	<u>9</u>
	ON	101.1	<u>13</u>
	ON	133.4	<u>21</u>
	ON	165.9	<u>26</u>
	ON	186.8	<u>28</u>
	ON	189.3	<u>32</u>
	ON	246.4	<u>42</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 5 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
George Carruthers	5 Cedarow Court Ottawa ON K2S 1V6	142.8	<u>12</u>
301152 ONTARIO LTD. "IN TRUST" C/O MR. R	IBER ROAD AND HAZELDEAN ROAD GOULBOURN TWP. ON	99.5	<u>14</u>
301152 ONTARIO LTD. "IN TRUST" C/O MR. R	IBER ROAD AND HAZELDEAN ROAD GOULBOURN TWP. ON	99.5	<u>14</u>

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
AUTO SEARCHERS LIMITED	3 CEDAROW COURT, PLAN 4M-691 GOULBOURN TWP. ON	142.9	15
4267281 Canada Inc.	8 Cedarow Court Ottawa ON K2S 1V6	223.0	30

EBR - Environmental Registry

A search of the EBR database, dated 1994-Sep 2015 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
Bryton Capital Corporation	Part of Lot 27, Concession 12, 20 Cedarow Court Ottawa ON	114.4	10

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2014 has found that there are 12 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
	16 to 20 Cedarow Court Kanata (Ottawa) ON	29.8	2
	5734 & 5754 Hazeldean Road and 2 Iber Road Ottawa ON	107.7	17
	2 Iber Road Stittsville ON	95.9	18
	2 Iber Rd Ottawa ON	95.9	18
	2 Iber Road Ottawa ON	95.9	18
	10 Cedarow Court Stittsville ON K2S 1V6	181.6	20
	2 Iber Road and 5734 And 5754 Hazeldean Road Ottawa ON	157.5	24
	5649 Hazeldean Road Ottawa ON	211.2	29
	8 Cedarow Court Ottawa ON	223.0	30
	6 Cedarow Crt Ottawa ON K2S 1V6	224.3	31
	5 Orchard Drive Stittsville ON	197.2	37
	1 & 3 IBER ROAD OTTAWA ON	215.8	39

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-May 2015 has found that there are 6 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
CITY OF OTTAWA	19 HUNTMAR DRIVE - OTTAWA POLICE SERVICES OTTAWA ON	86.1	7
AUTO SEARCHERS LTD.	3 CEDAR ROW COURT STITTSVILLE ON	142.9	15
G.G. Pharmacy Inc.	5709 HAZELDEAN ROAD KANATA ON	177.1	25
MEL (SEE & USE ON0476101) 25-417	OTTAWA GOULBOURN BUSINESS PARK 1 IBER ROAD STITTSVILLE ON K2S 1E6	190.0	35
LOCKHEED CANADA INC.	OTTAWA GOULBOURN BUSINESS PARK 1 IBER ROAD STREET STITTSVILLE ON K2S 1E6	190.0	35
MEL DEFENCE SYSTEMS LIMITED	OTTAWA GOULBOURN BUSINESS PARK 1 IBER ROAD STITTSVILLE ON K2S 1E6	190.0	35

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 4 HINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
	521 SHAWONDASEE STREET STITTSVILLE ON K2S 0K5	123.8	23
	521 SHAWONDASEE STREET STITTSVILLE ON K2S 0K5	123.8	23
	211 TEMPEST DRIVE STITTSVILLE ON K2S 0K4	197.9	34
	15 CLOVERLOFT LANE STITTSVILLE ON	240.3	43

PES - Pesticide Register

A search of the PES database, dated 1988-Jun 2013 has found that there are 1 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
METRO ONTARIO INC. O/A METRO FOOD BASICS	5703 HAZELDEAN RD STITTSVILLE ON K7S 0P6	202.0	33

PINC - TSSA Pipeline Incidents

A search of the PINC database, dated June 2009-2014 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
	Lot 26 - 423 Brigatine Avenue, Kanata ON	241.2	40

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 1 SCT site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
Deb's Valley Foods Inc.	8 Cedarow Crt Stittsville ON K2S 1V6	223.0	30

SPL - Ontario Spills

A search of the SPL database, dated 1988-Feb 2014 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

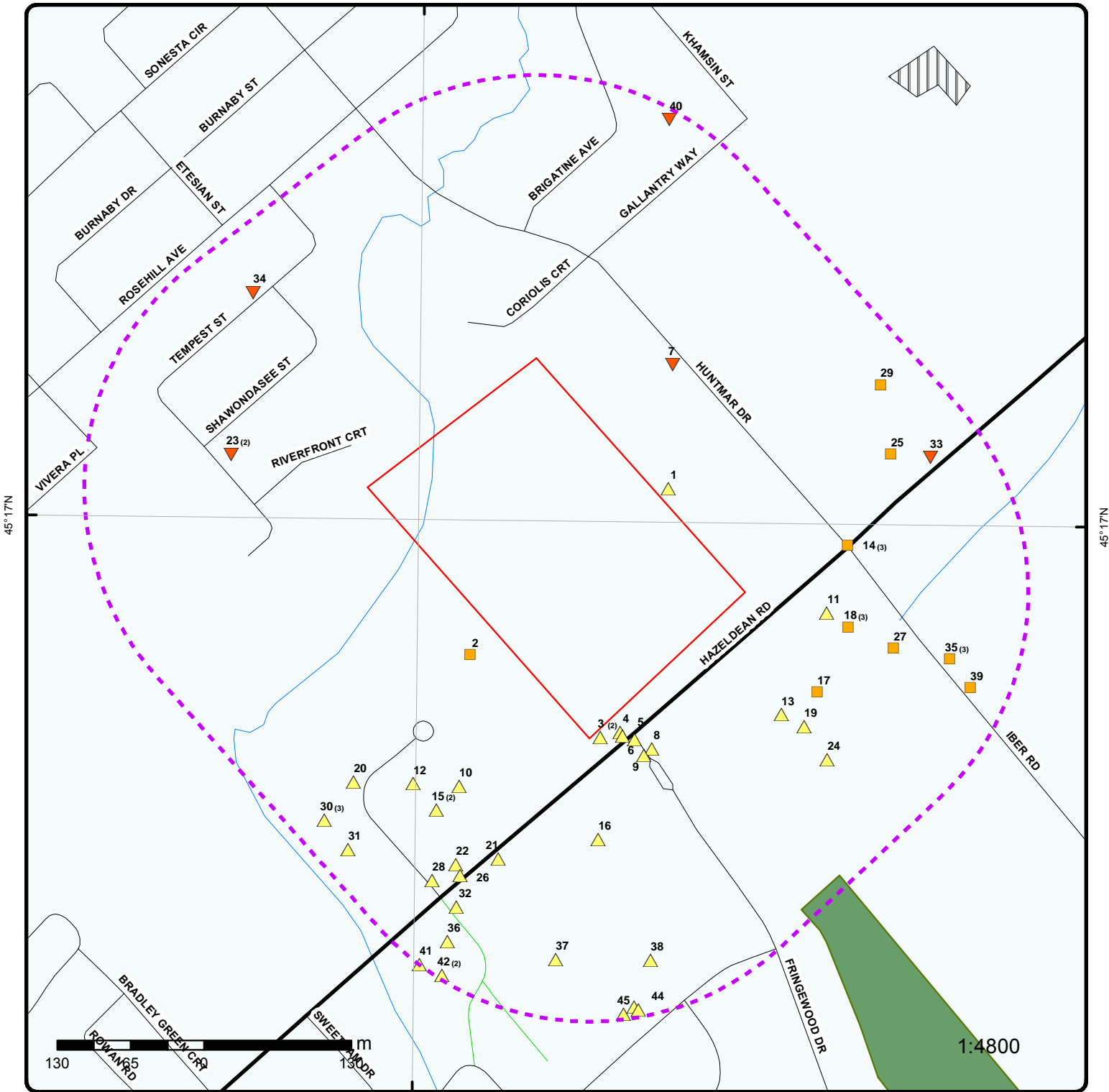
<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
PUC	ON VACANT LOT AT CORNER OF HAZELDINE ROAD & FRINGEWOOD DRIVE, STITTSVILLE SANITARY SEWER GOULBOURN TOWNSHIP ON	28.1	6
	Intersection of Iber Rd and Hazeldean Rd Ottawa ON	99.5	14

WWIS - Water Well Information System

A search of the WWIS database, dated 1955-Mar 2014 has found that there are 12 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
	lot 27 con 12 ON	6.2	3
	lot 27 con 11 ON	74.4	11
	lot 27 con 11 ON	89.6	16
	lot 27 con 11 ON	122.0	19
	lot 26 con 12 STITTSVILLE ON	162.0	22
	lot 27 con 11 ON	140.1	27

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
	lot 26 con 11 ON	218.5	<u>36</u>
	STITTSVILLE ON	203.6	<u>38</u>
	lot 26 con 11 ON	249.4	<u>41</u>
	lot 26 con 11 ON	246.4	<u>42</u>
	STITTSVILLE ON	243.1	<u>44</u>
	ON	245.1	<u>45</u>

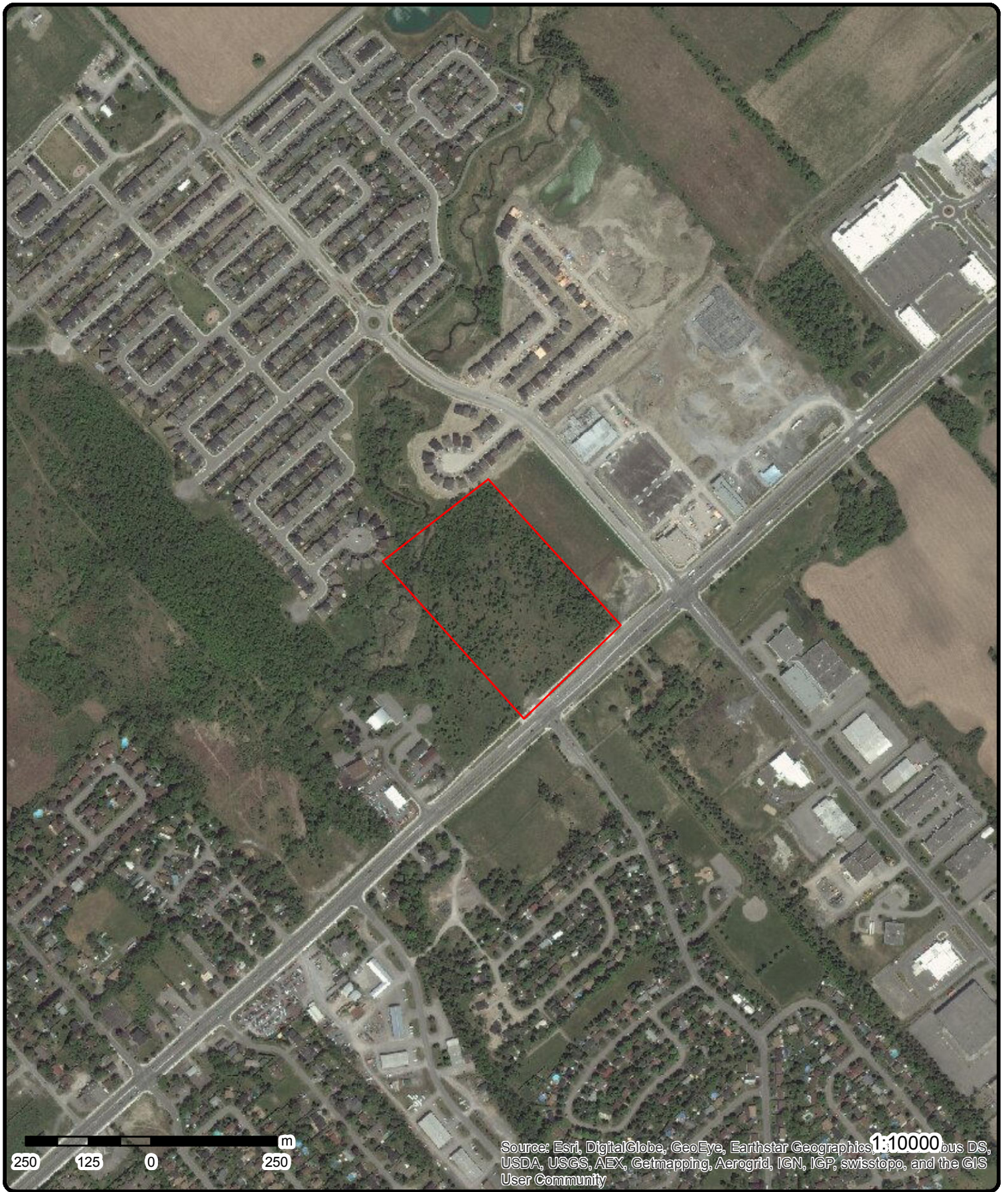


Map

Order No: 20151202137

Address: 5731 Hazeldean Rd, Ottawa, ON, K2S1E6

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



Aerial

Order No: 20151202137

Address: 5731 Hazeldean Rd, Ottawa, ON, K2S1E6

Source: ESRI World Imagery, Updated October 2014

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Detail Report

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<u>1</u>	1 of 1	ENE/10.3	102.9	ON	BORE
Borehole ID: 609619 Use: Drill Method: Easting: 428331 Location Accuracy: Elev. Reliability Note: Total Depth m: -999 Township: Lot: Completion Date: Primary Water Use:		Type: Borehole Status: UTM Zone: 18 Northing: 5014862 Orig. Ground Elev m: 102 DEM Ground Elev m: 103 Primary Name: Concession: Municipality: Static Water Level: -999.9 Sec. Water Use:			
--- Details ---					
Stratum ID: 218383652		Top Depth(m): 0.0			
Bottom Depth(m): 2.1		Stratum Desc: SAND,SILT.			
+					
Stratum ID: 218383653		Top Depth(m): 2.1			
Bottom Depth(m):		Stratum Desc: BEDROCK,LIMESTONE. 002500017LDERS. GREY. LIMESTONE. GREY. 00111SEISMIC VELOCITY = 1150			
<u>2</u>	1 of 1	SW/29.8	102.0	16 to 20 Cedarow Court Kanata (Ottawa) ON	EHS
Order No.: 20090331030 Report Date: 4/9/2009 Report Type: Standard Report Search Radius (km): 0.25 Addit. Info Ordered:					
<u>3</u>	1 of 2	SSE/6.2	105.0	ON	BORE
Borehole ID: 609611 Use: Drill Method: Easting: 428271 Location Accuracy: Elev. Reliability Note: Total Depth m: 32 Township: Lot: Completion Date: AUG-1957 Primary Water Use:		Type: Borehole Status: UTM Zone: 18 Northing: 5014642 Orig. Ground Elev m: 103 DEM Ground Elev m: 104 Primary Name: Concession: Municipality: Static Water Level: -999.9 Sec. Water Use:			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
--- Details ---					
Stratum ID:	218383632			Top Depth(m):	0.0
Bottom Depth(m):	2.1			Stratum Desc:	SOIL,SAND.
+					
Stratum ID:	218383633			Top Depth(m):	2.1
Bottom Depth(m):	32.0			Stratum Desc:	LIMESTONE. GREY. 001100 FEET.BEDROCK,LIMESTONE. CK. SEISMIC VELOCITY = 1150

3	2 of 2	SSE/6.2	105.0	lot 27 con 12 ON	WWIS
Well ID:	1502983			Lot:	027
Concession:	12			Concession Name:	CON
County:	OTTAWA-CARLETON			Municipality:	GOULBOURN TOWNSHIP
Easting Nad83:	428270.6			Northing Nad83:	5014642
Zone:	18			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	29-AUG-57
Sec. Water Use:				Well Depth:	105 ft
Pump Rate:	7 GPM			Static Water Level:	25 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	104.76			Elevation Reliability:	
Depth to Bedrock:	7			Overburden/Bedrock:	Bedrock
Water Type:	SULPHUR			Casing Material:	FRESH, MINERIAL
--- Details ---					
Thickness:	7 ft			Original Depth:	7 ft
Material Colour:				Material:	TOPSOIL, MEDIUM SAND
+					
Thickness:	98 ft			Original Depth:	105 ft
Material Colour:	GREY			Material:	LIMESTONE

4	1 of 1	SSE/15.1	105.0	ON	BORE
Borehole ID:	808428			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	
Drill Method:	Hollow stem auger			UTM Zone:	18
Easting:	428288.32			Northing:	5014646.39
Location Accuracy:				Orig. Ground Elev m:	104
Elev. Reliability Note:				DEM Ground Elev m:	103
Total Depth m:	3.7			Primary Name:	BH 04-4B
Township:				Concession:	
Lot:				Municipality:	
Completion Date:	07-MAY-2004			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:	218596291			Top Depth(m):	0.0
Bottom Depth(m):	0.1			Stratum Desc:	Asphalt
+					
Stratum ID:	218596292			Top Depth(m):	0.1
Bottom Depth(m):	0.5			Stratum Desc:	Grey Crushed Stone BASE
+					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Stratum ID:	218596293			Top Depth(m):	0.5
Bottom Depth(m):	1.1			Stratum Desc:	Brown Subbase Sand - Gravel
+					
Stratum ID:	218596294			Top Depth(m):	1.1
Bottom Depth(m):	1.7			Stratum Desc:	Dark Brown to Black clay silt
+					
Stratum ID:	218596295			Top Depth(m):	1.7
Bottom Depth(m):	2.7			Stratum Desc:	Brown Loose to Compact Silt With: Sa Trace: Cl
+					
Stratum ID:	218596296			Top Depth(m):	2.7
Bottom Depth(m):	3.7			Stratum Desc:	Brown to Grey Compact Till Silt - Sand With: Gr Trace: Cl

5 **1 of 1** **SSE/18.3** **105.0** **ON** **BORE**

Borehole ID:	808503	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:	Hand auger	UTM Zone:	18
Easting:	428290.28	Northing:	5014643.85
Location Accuracy:		Orig. Ground Elev m:	-999.9
Elev. Reliability Note:		DEM Ground Elev m:	103
Total Depth m:	1.5	Primary Name:	AH 04-3
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	10-MAY-2004	Static Water Level:	-999.9
Primary Water Use:		Sec. Water Use:	

--- Details ---

Stratum ID:	218596612	Top Depth(m):	0.0
Bottom Depth(m):	0.2	Stratum Desc:	Asphalt
+			
Stratum ID:	218596613	Top Depth(m):	0.2
Bottom Depth(m):	0.7	Stratum Desc:	Grey Crushed Stone BASE
+			
Stratum ID:	218596614	Top Depth(m):	0.7
Bottom Depth(m):	1.0	Stratum Desc:	Brown Subbase Sand - Gravel Occasional: Cob
+			
Stratum ID:	218596615	Top Depth(m):	1.0
Bottom Depth(m):	1.5	Stratum Desc:	Brown Fill-Misc Silt With: Sa W Gr

6 **1 of 1** **SSE/28.1** **105.0** **PUC** **SPL**

ON VACANT LOT AT CORNER OF HAZELDINE ROAD & FRINGEWOOD DRIVE, STITTSVILLE SANITARY SEWER GOULBOURN TOWNSHIP ON

Ref No.:	149973
Incident Dt:	12/6/1997
MOE Reported Dt:	12/6/1997
Contaminant Name:	
Contaminant Quantity:	
Incident Summary:	GOULBOURNE TWP PUC:225 L RAW SEWAGE TO GROUND WHENFORCEMAIN OVERFLOWED.

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Incident Cause:		PIPE/HOSE LEAK			
Incident Reason:		EQUIPMENT FAILURE			
Nature of Impact:		Soil contamination			
Receiving Medium:		LAND			
Environmental Impact:		POSSIBLE			
7	1 of 1	NNE/86.1	102.0	CITY OF OTTAWA 19 HUNTMAR DRIVE - OTTAWA POLICE SERVICES OTTAWA ON	GEN
Generator #:		ON9450261			
Approval Yrs:		2013			
SIC Code:		913130			
SIC Description:					
--- Details ---					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
8	1 of 1	SSE/44.4	105.0	ON	BORE
Borehole ID:		808499		Type:	Borehole
Use:		Geotechnical/Geological Investigation			
Drill Method:		Hand auger			
Easting:		428315.74		UTM Zone:	18
Location Accuracy:				Northing:	5014631.88
Elev. Reliability Note:				Orig. Ground Elev m:	-999.9
Total Depth m:		1.5		DEM Ground Elev m:	101
Township:				Primary Name:	AH 04-1
Lot:				Concession:	
Completion Date:		10-MAY-2004		Municipality:	
Primary Water Use:				Static Water Level:	-999.9
Sec. Water Use:					
--- Details ---					
Stratum ID:		218596594		Top Depth(m):	0.0
Bottom Depth(m):		0.2		Stratum Desc:	Asphalt
+					
Stratum ID:		218596595		Top Depth(m):	0.2
Bottom Depth(m):		0.3		Stratum Desc:	Brown Base Sand - Gravel
+					
Stratum ID:		218596596		Top Depth(m):	0.3
Bottom Depth(m):		0.9		Stratum Desc:	Brown Subbase Sand - Gravel Occasional: Cob
+					
Stratum ID:		218596597		Top Depth(m):	0.9
Bottom Depth(m):		1.4		Stratum Desc:	Grey Silty Clay With: Org M
+					
Stratum ID:		218596598		Top Depth(m):	1.4
Bottom Depth(m):		1.5		Stratum Desc:	Grey-Brown Silt With: Sa
9	1 of 1	SSE/44.2	105.0	ON	BORE

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Borehole ID:	808500			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	
Drill Method:	Hand auger			UTM Zone:	18
Easting:	428309.1			Northing:	5014626
Location Accuracy:				Orig. Ground Elev m:	-999.9
Elev. Reliability Note:				DEM Ground Elev m:	101
Total Depth m:	1.1			Primary Name:	AH 04-2
Township:				Concession:	
Lot:				Municipality:	
Completion Date:	10-MAY-2004			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:	218596599			Top Depth(m):	0.0
Bottom Depth(m):	0.2			Stratum Desc:	Asphalt
+					
Stratum ID:	218596600			Top Depth(m):	0.2
Bottom Depth(m):	0.2			Stratum Desc:	Brown Base Sand - Gravel
+					
Stratum ID:	218596601			Top Depth(m):	0.2
Bottom Depth(m):	0.7			Stratum Desc:	Brown Subbase Sand - Gravel Occasional: Cob
+					
Stratum ID:	218596602			Top Depth(m):	0.7
Bottom Depth(m):	1.1			Stratum Desc:	Brown Fill-Misc Silt - Sand With: Gr

[10](#) 1 of 1 **SSW/114.4** **104.0** **Bryton Capital Corporation** **EBR**
Part of Lot 27, Concession 12, 20 Cedarow Court
Ottawa ON

Year: 2011
EBR Registry No.: 011-3079
Ministry Ref. No.: MNR INST 25/11
Type: Instrument Proposal
Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species
Proposal Date: April 01, 2011
Location: Part of Lot 27, Concession 12, 20 Cedarow Court CITY OF OTTAWA
Proponent Address: 121 Richmond Street West Suite 801 Toronto Ontario Canada M5H 2K1

[11](#) 1 of 1 **ESE/74.4** **102.3** **lot 27 con 11** **WWIS**
ON

Well ID: 1502928 Lot: 027
Concession: 11 Concession Name: CON
County: OTTAWA-CARLETON Municipality: GOULBOURN TOWNSHIP
Easting Nad83: 428470.6 Northing Nad83: 5014752
Zone: 18 Utm Reliability: margin of error : 100 m - 300 m
Primary Water Use: Domestic Construction Date: 24-FEB-53
Sec. Water Use: Well Depth: 180 ft
Pump Rate: 10 GPM Static Water Level: 4 ft
Flow Rate: Clear/Cloudy: CLEAR
Specific Capacity: Final Well Status: Water Supply
Construction Method: Cable Tool Flowing (y/n): N
Elevation (m): 103.28 Elevation Reliability:
Depth to Bedrock: 38 Overburden/Bedrock: Bedrock

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Water Type:	FRESH, MINERIAL			Casing Material:	FRESH, MINERIAL
--- Details ---					
Thickness:	7 ft			Original Depth:	7 ft
Material Colour:				Material:	FILL, MEDIUM SAND
+					
Thickness:	31 ft			Original Depth:	38 ft
Material Colour:				Material:	CLAY
+					
Thickness:	142 ft			Original Depth:	180 ft
Material Colour:	BLUE			Material:	LIMESTONE
12	1 of 1	SSW/142.8	104.0	George Carruthers 5 Cedarow Court Ottawa ON K2S 1V6	CA
Certificate #:	9533-5SXQ6U				
Application Year:	2003				
Issue Date:	11/3/2003				
Approval Type:	Industrial Sewage Works				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
13	1 of 1	SE/101.1	102.9	ON	BORE
Borehole ID:	609612			Type:	Borehole
Use:				Status:	
Drill Method:				UTM Zone:	18
Easting:	428431			Northing:	5014662
Location Accuracy:				Orig. Ground Elev m:	103
Elev. Reliability Note:				DEM Ground Elev m:	103
Total Depth m:	-999			Primary Name:	
Township:				Concession:	
Lot:				Municipality:	
Completion Date:				Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:	218383634			Top Depth(m):	0.0
Bottom Depth(m):	3.7			Stratum Desc:	GRAVEL.
+					
Stratum ID:	218383635			Top Depth(m):	3.7
Bottom Depth(m):				Stratum Desc:	BEDROCK,LIMESTONE. 001100 FEET.BEDROCK,LIMESTONE. CK. SEISMIC VELOCITY = 1

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
14	1 of 3	E/99.5	102.0	301152 ONTARIO LTD. "IN TRUST" C/O MR. R IBER ROAD AND HAZELDEAN ROAD GOULBOURN TWP. ON	CA
<p>Certificate #: 7-0006-88- Application Year: 88 Issue Date: 2/9/1988 Approval Type: Municipal water Status: Revised Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:</p>					
14	2 of 3	E/99.5	102.0	301152 ONTARIO LTD. "IN TRUST" C/O MR. R IBER ROAD AND HAZELDEAN ROAD GOULBOURN TWP. ON	CA
<p>Certificate #: 3-0007-88- Application Year: 88 Issue Date: 2/9/1988 Approval Type: Municipal sewage Status: Revised Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:</p>					
14	3 of 3	E/99.5	102.0	Intersection of Iber Rd and Hazeldean Rd Ottawa ON	SPL
<p>Ref No.: 6302-9GLUAK Incident Dt: 2014/02/23 MOE Reported Dt: 2014/02/23 Contaminant Name: NATURAL GAS (METHANE) Contaminant Quantity: 0 other - see incident description Incident Summary: TSSA: gas leak from unknown underground source Incident Cause: Leak/Break Incident Reason: Unknown / N/A Nature of Impact: Air Pollution Receiving Medium: Environmental Impact: Confirmed</p>					
15	1 of 2	SSW/142.9	104.9	AUTO SEARCHERS LIMITED 3 CEDAROW COURT, PLAN 4M-691 GOULBOURN TWP. ON	CA

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Certificate #:		8-4227-95-966			
Application Year:		95			
Issue Date:		1/29/96			
Approval Type:		Industrial air			
Status:		Received in 1995, Issued in 1996			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:		WASTE OIL FURNACE MODEL CB-1400			
Contaminants:		Suspended Particulate Matter, Sulphur Dioxide, Nitrogen Oxides, Zinc			
Emission Control:					

15	2 of 2	SSW/142.9	104.9	AUTO SEARCHERS LTD. 3 CEDAR ROW COURT STITTSVILLE ON	GEN
Generator #:		ON2099400			
Approval Yrs:		95,96,97,98,99,00,01			
SIC Code:		6351			
SIC Description:		GARAGES(GEN. REPAIR)			
--- Details ---					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			

16	1 of 1	S/89.6	105.0	lot 27 con 11 ON	WWIS
Well ID:		1514633		Lot:	027
Concession:		11		Concession Name:	CON
County:		OTTAWA-CARLETON		Municipality:	GOULBOURN TOWNSHIP
Easting Nad83:		428268.6		Northing Nad83:	5014552
Zone:		18		Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:		Domestic		Construction Date:	15-JUL-74
Sec. Water Use:				Well Depth:	88 ft
Pump Rate:		17 GPM		Static Water Level:	8 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:		Air Percussion		Flowing (y/n):	N
Elevation (m):		102.93		Elevation Reliability:	
Depth to Bedrock:		3		Overburden/Bedrock:	Bedrock
Water Type:		FRESH		Casing Material:	FRESH, MINERIAL
--- Details ---					
Thickness:		3 ft		Original Depth:	3 ft
Material Colour:		BROWN		Material:	TOPSOIL
+					
Thickness:		85 ft		Original Depth:	88 ft
Material Colour:		GREY		Material:	LIMESTONE

17	1 of 1	ESE/107.7	102.0	5734 & 5754 Hazeldean Road and 2 Iber Road Ottawa ON	EHS
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Order No.: 20070912011

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Report Date:		9/18/2007			
Report Type:		CAN - Complete Report			
Search Radius (km):		0.25			
Addit. Info Ordered:		Fire Insur. Maps And /or Site Plans; Title Search; City Directory			
18	1 of 3	ESE/95.9	102.0	2 Iber Road Stittsville ON	EHS
Order No.:		20130301028			
Report Date:		08-MAR-13			
Report Type:		Custom Report			
Search Radius (km):		.25			
Addit. Info Ordered:					
18	2 of 3	ESE/95.9	102.0	2 Iber Rd Ottawa ON	EHS
Order No.:		20030121003			
Report Date:		1/29/03			
Report Type:		Complete Report			
Search Radius (km):		0.35			
Addit. Info Ordered:					
18	3 of 3	ESE/95.9	102.0	2 Iber Road Ottawa ON	EHS
Order No.:		20090507027			
Report Date:		5/12/2009			
Report Type:		Standard Report			
Search Radius (km):		0.25			
Addit. Info Ordered:		Fire Insur. Maps and/or Sire Plans; Title Searches; City Directory			
19	1 of 1	SE/122.0	102.0	lot 27 con 11 ON	WWIS
Well ID:		1502929		Lot:	
Concession:		11		Concession Name:	
County:		OTTAWA-CARLETON		Municipality:	
Easting Nad83:		428450.6		Northing Nad83:	
Zone:		18		Utm Reliability:	
Primary Water Use:		Domestic		Construction Date:	
Sec. Water Use:				Well Depth:	
Pump Rate:		3 GPM		Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	
Construction Method:		Cable Tool		Flowing (y/n):	
Elevation (m):		102.74		Elevation Reliability:	
Depth to Bedrock:		12		Overburden/Bedrock:	
Water Type:		FRESH		Casing Material:	
--- Details ---					
Thickness:		12 ft		Original Depth:	
Material Colour:				Material:	
+					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Thickness:	38 ft			Original Depth:	50 ft
Material Colour:	GREY			Material:	LIMESTONE

20	1 of 1	SW/181.6	103.8	10 Cedarow Court Stittsville ON K2S 1V6	EHS
Order No.:	20051020005				
Report Date:	10/28/2005				
Report Type:	Custom Report				
Search Radius (km):	0.25				
Addit. Info Ordered:					

21	1 of 1	S/133.4	105.0	ON	BORE
Borehole ID:	808421			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	
Drill Method:	Hollow stem auger			UTM Zone:	18
Easting:	428180.23			Northing:	5014534.91
Location Accuracy:				Orig. Ground Elev m:	105
Elev. Reliability Note:				DEM Ground Elev m:	105
Total Depth m:	2.9			Primary Name:	BH 04-4A
Township:				Concession:	
Lot:				Municipality:	
Completion Date:	07-MAY-2004			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:	218596264			Top Depth(m):	0.0
Bottom Depth(m):	0.4			Stratum Desc:	Asphalt
+					
Stratum ID:	218596265			Top Depth(m):	0.4
Bottom Depth(m):	0.6			Stratum Desc:	Grey Crushed Stone BASE
+					
Stratum ID:	218596266			Top Depth(m):	0.6
Bottom Depth(m):	1.5			Stratum Desc:	Dark Brown Loose Fill-Misc sand silt Trace: Gr Tr Org M
+					
Stratum ID:	218596267			Top Depth(m):	1.5
Bottom Depth(m):	1.7			Stratum Desc:	Dark Brown Topsoil
+					
Stratum ID:	218596268			Top Depth(m):	1.7
Bottom Depth(m):	1.8			Stratum Desc:	Brown to Grey Silt Trace: Sa
+					
Stratum ID:	218596269			Top Depth(m):	1.8
Bottom Depth(m):	2.9			Stratum Desc:	Brown Till Silt - Sand With: Gr Trace: Cl

22	1 of 1	SSW/162.0	105.0	lot 26 con 12 STITTSVILLE ON	WWIS
Well ID:	1534817			Lot:	026
Concession:	12			Concession Name:	CON
County:	OTTAWA-CARLETON			Municipality:	GOULBOURN TOWNSHIP
Easting Nad83:	428143			Northing Nad83:	5014530

Map Key	Number of Records	Direction/Distance m	Elevation m	Site	DB
Zone:	18			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:				Construction Date:	08-JUL-04
Sec. Water Use:				Well Depth:	26 m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Observation Wells
Construction Method:	Other Method			Flowing (y/n):	
Elevation (m):	105.42			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	Not stated
--- Details ---					
Thickness:	26 m			Original Depth:	26 m
Material Colour:	BROWN			Material:	SAND, SILT, GRAVEL

[23](#) 1 of 2 WNW/123.8 101.0 521 SHAWONDASEE STREET STITTSVILLE ON K2S 0K5 HINC

External File Num: FS INC 0807-03877
Date of Occurrence: 7/10/2008
Fuel Occurrence Type: Pipeline Strike
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Construction Site (excluding pipeline strike)
Service Interruptions: Yes
Property Damage: No
Fuel Life Cycle Stage: Utilization
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:No Human Factors:No

Reported Details:
Fuel Category: Gaseous Fuel
Occurrence Type: Incident
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Ottawa
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

[23](#) 2 of 2 WNW/123.8 101.0 521 SHAWONDASEE STREET STITTSVILLE ON K2S 0K5 HINC

External File Num: FS INC 0808-04300
Date of Occurrence: 7/30/2008
Fuel Occurrence Type: Pipeline Strike
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Construction Site (pipeline strike)
Service Interruptions: Yes
Property Damage: No
Fuel Life Cycle Stage: Transmission, Distribution and Transportation
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:No Human Factors:No

Reported Details:
Fuel Category: Gaseous Fuel

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
24	1 of 1	SE/157.5	103.0	2 Iber Road and 5734 And 5754 Hazeldean Road Ottawa ON	EHS
Order No.:		20140319054			
Report Date:		26-MAR-14			
Report Type:		Custom Report			
Search Radius (km):		.25			
Addit. Info Ordered:		Topographic Maps			
25	1 of 1	ENE/177.1	102.0	G.G. Pharmacy Inc. 5709 HAZELDEAN ROAD KANATA ON	GEN
Generator #:		ON2645550			
Approval Yrs:		As of May 2015			
SIC Code:					
SIC Description:					
--- Details ---					
Waste Code:		312			
Waste Description:		Pathological wastes			
26	1 of 1	SSW/165.9	105.0	ON	BORE
Borehole ID:		808505		Type:	Borehole
Use:		Geotechnical/Geological Investigation			
Drill Method:		Hand auger			
Easting:		428146.96		Status:	
Location Accuracy:					
Elev. Reliability Note:					
Total Depth m:		1.5		UTM Zone:	18
Township:					
Lot:					
Completion Date:		10-MAY-2004		Northing:	5014520.53
Primary Water Use:					
				Orig. Ground Elev m:	-999.9
				DEM Ground Elev m:	105
				Primary Name:	AH 04-4C
				Concession:	
				Municipality:	
				Static Water Level:	-999.9
				Sec. Water Use:	
--- Details ---					
Stratum ID:		218596620		Top Depth(m):	0.0
Bottom Depth(m):		0.2		Stratum Desc:	Asphalt
+					
Stratum ID:		218596621		Top Depth(m):	0.2
Bottom Depth(m):		0.3		Stratum Desc:	Grey Crushed Stone BASE
+					
Stratum ID:		218596622		Top Depth(m):	0.3

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Bottom Depth(m):	1.2			Stratum Desc:	Brown Subbase Sand - Gravel Occasional: Cob
+					
Stratum ID:	218596623			Top Depth(m):	1.2
Bottom Depth(m):	1.5			Stratum Desc:	Brown to Grey Fill-Misc Silt - Sand With: Gr Trace: Cl Tr Org M
<u>27</u>	1 of 1	ESE/140.1	102.0	lot 27 con 11 ON	WWIS
Well ID:	1517622			Lot:	027
Concession:	11			Concession Name:	CON
County:	OTTAWA-CARLETON			Municipality:	GOULBOURN TOWNSHIP
Easting Nad83:	428529.6			Northing Nad83:	5014721
Zone:	18			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	23-JUL-81
Sec. Water Use:				Well Depth:	100 ft
Pump Rate:	20 GPM			Static Water Level:	8 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Air Percussion			Flowing (y/n):	N
Elevation (m):	102.34			Elevation Reliability:	
Depth to Bedrock:	28			Overburden/Bedrock:	Bedrock
Water Type:	FRESH			Casing Material:	FRESH, MINERIAL
--- Details ---					
Thickness:	12 ft			Original Depth:	12 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	16 ft			Original Depth:	28 ft
Material Colour:	GREY			Material:	CLAY, BOULDERS, SANDY
+					
Thickness:	72 ft			Original Depth:	100 ft
Material Colour:	GREY			Material:	LIMESTONE, MEDIUM-GRAINED, SOFT
<u>28</u>	1 of 1	SSW/186.8	105.0	ON	BORE
Borehole ID:	808711			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	
Drill Method:	Hand auger			UTM Zone:	18
Easting:	428122.07			Northing:	5014515.99
Location Accuracy:				Orig. Ground Elev m:	-999.9
Elev. Reliability Note:				DEM Ground Elev m:	105
Total Depth m:	1.5			Primary Name:	AH 04-5
Township:				Concession:	
Lot:				Municipality:	
Completion Date:	10-MAY-2004			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:	218597438			Top Depth(m):	0.0
Bottom Depth(m):	0.0			Stratum Desc:	Asphalt
+					
Stratum ID:	218597439			Top Depth(m):	0.0

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Bottom Depth(m):	0.3			Stratum Desc:	Grey Crushed Stone BASE
+					
Stratum ID:	218597440			Top Depth(m):	0.3
Bottom Depth(m):	1.1			Stratum Desc:	Brown Subbase Sand - Gravel With: Si Occasional: Cob
+					
Stratum ID:	218597441			Top Depth(m):	1.1
Bottom Depth(m):	1.5			Stratum Desc:	Brown to Grey Silt With: Sa

[29](#) 1 of 1 **ENE/211.2** 102.0 **5649 Hazeldean Road
Ottawa ON** **EHS**

Order No.: 20070108037
 Report Date: 1/17/2007
 Report Type: CAN - Custom Report
 Search Radius (km): 0.25
 Addit. Info Ordered:

[30](#) 1 of 3 **SW/223.0** 104.7 **4267281 Canada Inc.
8 Cedarow Court
Ottawa ON K2S 1V6** **CA**

Certificate #: 0544-6D6NCV
 Application Year: 2005
 Issue Date: 6/13/2005
 Approval Type: Industrial Sewage Works
 Status: Approved
 Application Type:
 Client Name:
 Client Address:
 Client City:
 Client Postal Code:
 Project Description:
 Contaminants:
 Emission Control:

[30](#) 2 of 3 **SW/223.0** 104.7 **8 Cedarow Court
Ottawa ON** **EHS**

Order No.: 20041001001
 Report Date: 10/12/04
 Report Type: Complete Report
 Search Radius (km): 0.25
 Addit. Info Ordered: Fire Insur. Maps and/or Site Plans

[30](#) 3 of 3 **SW/223.0** 104.7 **Deb's Valley Foods Inc.
8 Cedarow Crt
Stittsville ON K2S 1V6** **SCT**

Established: 01-AUG-90
 Plant Size (ft²):
 Employment:

--- Details ---

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
SIC/NAICS Code:		311614			
Description:		Rendering and Meat Processing from Carcasses			
+					
SIC/NAICS Code:		333299			
Description:		All Other Industrial Machinery Manufacturing			
+					
SIC/NAICS Code:		311410			
Description:		Frozen Food Manufacturing			
+					
SIC/NAICS Code:		311990			
Description:		All Other Food Manufacturing			
+					
SIC/NAICS Code:		311420			
Description:		Fruit and Vegetable Canning, Pickling and Drying			

31 **1 of 1** **SW/224.3** **105.0** **6 Cedarow Crt** **EHS**
Ottawa ON K2S 1V6

Order No.: 20130322014
Report Date: 01-APR-13
Report Type: Custom Report
Search Radius (km): .25
Addit. Info Ordered:

32 **1 of 1** **SSW/189.3** **105.0** **ON** **BORE**

Borehole ID:	808508	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:	Hand auger	UTM Zone:	18
Easting:	428143.35	Northing:	5014492.6
Location Accuracy:		Orig. Ground Elev m:	-999.9
Elev. Reliability Note:		DEM Ground Elev m:	103
Total Depth m:	1.5	Primary Name:	AH 04-6
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	10-MAY-2004	Static Water Level:	-999.9
Primary Water Use:		Sec. Water Use:	

--- Details ---

Stratum ID:	218596636	Top Depth(m):	0.0
Bottom Depth(m):	0.1	Stratum Desc:	Asphalt
+			
Stratum ID:	218596637	Top Depth(m):	0.1
Bottom Depth(m):	0.2	Stratum Desc:	Grey Crushed Stone BASE
+			
Stratum ID:	218596638	Top Depth(m):	0.2
Bottom Depth(m):	0.5	Stratum Desc:	Grey Subbase Sand - Gravel
+			
Stratum ID:	218596639	Top Depth(m):	0.5
Bottom Depth(m):	0.6	Stratum Desc:	Topsoil
+			
Stratum ID:	218596640	Top Depth(m):	0.6
Bottom Depth(m):	1.5	Stratum Desc:	Brown Till Silt - Sand With: Gr Trace: Cl

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
33	1 of 1	ENE/202.0	101.1	METRO ONTARIO INC. O/A METRO FOOD BASICS 5703 HAZELDEAN RD STITTSVILLE ON K7S 0P6	PES
Licence No.:		23-01-16114-0			
Licence Type:		LIMITED			
34	1 of 1	NW/197.9	101.0	211 TEMPEST DRIVE STITTSVILLE ON K2S 0K4	HINC
External File Num:		FS INC 0809-05346			
Date of Occurrence:		9/9/2008			
Fuel Occurrence Type:		Pipeline Strike			
Fuel Type Involved:		Natural Gas			
Status Desc:		Completed - Causal Analysis(End)			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Construction Site (pipeline strike)			
Service Interruptions:		Yes			
Property Damage:		No			
Fuel Life Cycle Stage:		Transmission, Distribution and Transportation			
Root Cause:		Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:No Human Factors:No			
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
35	1 of 3	ESE/190.0	102.0	MEL (SEE & USE ON0476101) 25-417 OTTAWA GOULBOURN BUSINESS PARK 1 IBER ROAD STITTSVILLE ON K2S 1E6	GEN
Generator #:		ON1014400			
Approval Yrs:		92,93,94,95,96,97,98			
SIC Code:		3359			
SIC Description:		OTHER COMMUN. & ELE.			
35	2 of 3	ESE/190.0	102.0	MEL DEFENCE SYSTEMS LIMITED OTTAWA GOULBOURN BUSINESS PARK 1 IBER ROAD STITTSVILLE ON K2S 1E6	GEN
Generator #:		ON1014400			
Approval Yrs:		88,89,90			
SIC Code:		3359			
SIC Description:		OTHER COMMUN. & ELE.			
--- Details ---					
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
32	erisinfo.com EcoLog ERIS Ltd.			Order #: 20151202137	
5731 Hazeldean Road, Ottawa, ON			5731 Hazeldean Rd Ottawa ON K2S1E6		

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
+ Waste Code: Waste Description:		232 POLYMERIC RESINS			
+ Waste Code: Waste Description:		241 HALOGENATED SOLVENTS			
<u>35</u>	3 of 3	ESE/190.0	102.0	LOCKHEED CANADA INC. OTTAWA GOULBOURN BUSINESS PARK 1 IBER ROAD STREET STITTSVILLE ON K2S 1E6	GEN
Generator #: Approval Yrs: SIC Code: SIC Description:		ON0476101 99,00,01 3359 OTHER COMMUN. & ELE.			
--- Details ---					
Waste Code: Waste Description:		148 INORGANIC LABORATORY CHEMICALS			
+ Waste Code: Waste Description:		211 AROMATIC SOLVENTS			
+ Waste Code: Waste Description:		232 POLYMERIC RESINS			
+ Waste Code: Waste Description:		241 HALOGENATED SOLVENTS			
+ Waste Code: Waste Description:		263 ORGANIC LABORATORY CHEMICALS			
<u>36</u>	1 of 1	SSW/218.5	105.0	lot 26 con 11 ON	WWIS
Well ID: Concession: County: Easting Nad83: Zone: Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:		1502913 11 OTTAWA-CARLETON 428135.6 18 Domestic 2 GPM Cable Tool 103.36 0 FRESH		Lot: Concession Name: Municipality: Northing Nad83: Utm Reliability: Construction Date: Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:	026 CON GOULBOURN TOWNSHIP 5014462 margin of error : 100 m - 300 m 10-JUL-58 75 ft 20 ft CLEAR Water Supply N Bedrock FRESH, MINERIAL
--- Details ---					
Thickness: Material Colour:		10 ft 		Original Depth: Material:	10 ft SHALE
+ Thickness: Material Colour:		65 ft GREY		Original Depth: Material:	75 ft LIMESTONE

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
37	1 of 1	S/197.2	105.0	5 Orchard Drive Stittsville ON	EHS
Order No.:		20130904041			
Report Date:		16-SEP-13			
Report Type:		Standard Report			
Search Radius (km):		.25			
Addit. Info Ordered:		Fire Insur. Maps and/or Site Plans			
38	1 of 1	SSE/203.6	105.0	STITTSVILLE ON	WWIS
Well ID:		7122529		Lot:	
Concession:				Concession Name:	
County:		OTTAWA-CARLETON		Municipality:	
Easting Nad83:		428317		STITTSVILLE VILLAGE	
Zone:		18		Northing Nad83:	
Primary Water Use:		Monitoring and Test Hole		Utm Reliability:	
Sec. Water Use:				margin of error : 30 m - 100 m	
Pump Rate:				Construction Date:	
Flow Rate:				18-MAR-09	
Specific Capacity:				Well Depth:	
Construction Method:		Direct Push		3.1 m	
Elevation (m):		105.15		Static Water Level:	
Depth to Bedrock:				Clear/Cloudy:	
Water Type:				Final Well Status:	
				Test Hole	
				Flowing (y/n):	
--- Details ---				Elevation Reliability:	
Thickness:		.61 m		Overburden/Bedrock:	
Material Colour:		BROWN		Casing Material:	
+				Not stated	
Thickness:		.89 m		Original Depth:	
Material Colour:		BROWN		.61 m	
+				Material:	
Thickness:		1.6 m		FILL, GRAVEL, LOOSE	
Material Colour:		GREY		Original Depth:	
				1.5 m	
				Material:	
				SILT, CLAY, DENSE	
				Original Depth:	
				3.1 m	
				Material:	
				SILT, CLAY, WATER-BEARING	
39	1 of 1	ESE/215.8	102.0	1 & 3 IBER ROAD OTTAWA ON	EHS
Order No.:		20070813001			
Report Date:		8/21/2007			
Report Type:		CAN - Custom Report			
Search Radius (km):		0.25			
Addit. Info Ordered:		Fire Insur. Maps And /or Site Plans			
40	1 of 1	NNE/241.2	100.0	Lot 26 - 423 Brigatine Avenue, Kanata ON	PINC
Incident ID:					
Tank Status:		RC Established			
Attribute Category:		Excavation practices not sufficient			
Task Number:		3845584			
SR Type:		FS-Pipeline Incident			
Incident Number:		815636			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Status Code:		Pipeline Damage Reason Est			
Summary:		Lot 26 - 423 Brigatine Avenue, Kanata - 1/2" Pipeline Hit			
Spills Action Centre:					
Reported By:		Jeff.Stiles@enbridge.com			
Affiliation:					
Method Details:		E-mail			
Fuel Category:		Natural Gas			
Fuel Occurrence Type:					
Date of Occurrence:					
Occurrence Start Date:		2012/05/04			
Health Impact:					
Occurrence Desc:					
Environment Impact:					
Property Damage:		Yes			
Service Interrupt:					
Fuel Type:					
Enforce Policy:		Yes			
Operation Type:					
Damage Reason:		FS-Perform P-line Inc Invest			
Public Relation:					
Pipeline System:					
Pipeline Type:					
Depth:					
Pipe Material:					
Regualtor Location:					
PSIG:					
Regulator Type:					
Notes:					

41	1 of 1	SSW/249.4	104.7	lot 26 con 11 ON	WWIS
Well ID:	1502912			Lot:	026
Concession:	11			Concession Name:	CON
County:	OTTAWA-CARLETON			Municipality:	GOULBOURN TOWNSHIP
Easting Nad83:	428110.6			Northing Nad83:	5014442
Zone:	18			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	18-MAY-56
Sec. Water Use:				Well Depth:	48 ft
Pump Rate:	2 GPM			Static Water Level:	12 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	103.88			Elevation Reliability:	
Depth to Bedrock:	0			Overburden/Bedrock:	Bedrock
Water Type:	FRESH			Casing Material:	FRESH, MINERIAL
--- Details ---					
Thickness:	12 ft			Original Depth:	12 ft
Material Colour:				Material:	SHALE
+					
Thickness:	36 ft			Original Depth:	48 ft
Material Colour:	GREY			Material:	LIMESTONE

42	1 of 2	SSW/246.4	105.0	ON	BORE
Borehole ID:	609601			Type:	Borehole

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<i>Use:</i> <i>Drill Method:</i> <i>Easting:</i> 428131 <i>Location Accuracy:</i> <i>Elev. Reliability Note:</i> <i>Total Depth m:</i> 32.9 <i>Township:</i> <i>Lot:</i> <i>Completion Date:</i> JUN-1969 <i>Primary Water Use:</i>				<i>Status:</i> <i>UTM Zone:</i> 18 <i>Northing:</i> 5014432 <i>Orig. Ground Elev m:</i> 106 <i>DEM Ground Elev m:</i> 103 <i>Primary Name:</i> <i>Concession:</i> <i>Municipality:</i> <i>Static Water Level:</i> -999.9 <i>Sec. Water Use:</i>	
--- Details ---					
<i>Stratum ID:</i> 218383609				<i>Top Depth(m):</i> 0.0	
<i>Bottom Depth(m):</i> 1.2				<i>Stratum Desc:</i> SOIL.	
+					
<i>Stratum ID:</i> 218383610				<i>Top Depth(m):</i> 1.2	
<i>Bottom Depth(m):</i> 2.1				<i>Stratum Desc:</i> GRAVEL,SAND.	
+					
<i>Stratum ID:</i> 218383611				<i>Top Depth(m):</i> 2.1	
<i>Bottom Depth(m):</i> 32.9				<i>Stratum Desc:</i> LIMESTONE. ERS. GREY. LIMESTONE. GREY. 00106CK. SEISMIC VELOCITY = 11500. BED	
42	2 of 2	SSW/246.4	105.0	lot 26 con 11 ON	WWIS
<i>Well ID:</i> 1510161 <i>Concession:</i> 11 <i>County:</i> OTTAWA-CARLETON <i>Easting Nad83:</i> 428130.6 <i>Zone:</i> 18 <i>Primary Water Use:</i> Domestic <i>Sec. Water Use:</i> <i>Pump Rate:</i> 8 GPM <i>Flow Rate:</i> <i>Specific Capacity:</i> <i>Construction Method:</i> Cable Tool <i>Elevation (m):</i> 103.39 <i>Depth to Bedrock:</i> 7 <i>Water Type:</i> SULPHUR				<i>Lot:</i> 026 <i>Concession Name:</i> CON <i>Municipality:</i> GOULBOURN TOWNSHIP <i>Northing Nad83:</i> 5014432 <i>Utm Reliability:</i> margin of error : 30 m - 100 m <i>Construction Date:</i> 18-JUN-69 <i>Well Depth:</i> 108 ft <i>Static Water Level:</i> 4 ft <i>Clear/Cloudy:</i> CLOUDY <i>Final Well Status:</i> Water Supply <i>Flowing (y/n):</i> N <i>Elevation Reliability:</i> <i>Overburden/Bedrock:</i> Bedrock <i>Casing Material:</i> FRESH, MINERIAL	
--- Details ---					
<i>Thickness:</i> 4 ft				<i>Original Depth:</i> 4 ft	
<i>Material Colour:</i>				<i>Material:</i> TOPSOIL	
+					
<i>Thickness:</i> 3 ft				<i>Original Depth:</i> 7 ft	
<i>Material Colour:</i>				<i>Material:</i> GRAVEL, MEDIUM SAND	
+					
<i>Thickness:</i> 101 ft				<i>Original Depth:</i> 108 ft	
<i>Material Colour:</i>				<i>Material:</i> LIMESTONE	
43	1 of 1	S/240.3	105.0	15 CLOVERLOFT LANE STITTSVILLE ON	HINC
<i>External File Num:</i>		FS INC 0903-01297			
<i>Date of Occurrence:</i>		3/10/2009			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Fuel Occurrence Type:		Leak			
Fuel Type Involved:		Fuel Oil			
Status Desc:		Completed - Causal Analysis(End)			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Private Dwelling			
Service Interruptions:		Yes			
Property Damage:		Yes			
Fuel Life Cycle Stage:		Utilization			
Root Cause:		Root Cause: Equipment/Material/Component:Yes Procedures:No Maintenance:No Design:No Training:No Management:No Human Factors:No			
Reported Details:		Mobile Trailer			
Fuel Category:		Liquid Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Ottawa			
Approx. Quant. Rel:		100			
Nearby body of water:		No			
Enter Drainage Syst.:		Unknown			
Approx. Quant. Unit:		Liters			
Environmental Impact:		Issued Environmental Assessment Orders.			

44	1 of 1	S/243.1	105.0	STITTSVILLE ON	WWIS
Well ID:	7133919			Lot:	
Concession:				Concession Name:	
County:	OTTAWA-CARLETON			Municipality:	STITTSVILLE VILLAGE
Easting Nad83:	428304			Northing Nad83:	5014402
Zone:	18			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:				Construction Date:	28-SEP-09
Sec. Water Use:				Well Depth:	m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:	Other Method			Flowing (y/n):	
Elevation (m):	104.16			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:				Casing Material:	
--- Details ---					
Thickness:	m			Original Depth:	m
Material Colour:				Material:	

45	1 of 1	S/245.1	105.0	ON	WWIS
Well ID:	7133920			Lot:	
Concession:				Concession Name:	
County:	OTTAWA-CARLETON			Municipality:	STITTSVILLE VILLAGE
Easting Nad83:	428291			Northing Nad83:	5014398
Zone:	18			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:				Construction Date:	28-SEP-09
Sec. Water Use:				Well Depth:	m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:	Other Method			Flowing (y/n):	
Elevation (m):	104.12			Elevation Reliability:	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Depth to Bedrock: Water Type:				Overburden/Bedrock: Casing Material:	
--- Details ---					
Thickness:	m			Original Depth:	m
Material Colour:				Material:	

Unplottable Summary

Total: 27 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	City of Ottawa	Huntmar Dr Carp River Bridge to Old Carp Road, Kanata Ward and West Carleton War	Ottawa ON	
CA	455866 ONTARIO LIMITED HAZELDEAN RD.	CEDARLANE SUBD. CEDAROW CRT.	GOULBOURN TWP. ON	
CA	1048219 ONTARIO INC.	PT.LOT 22/CON.11,HAZELDEAN RD.	GOULBOURN TWP. ON	
CA	GOULBOURN TWP. LOT 27/CON.X1-PH. 2	STORMWATER RET.POND/IND. PARK	GOULBOURN TWP. ON	
CA	ETINVEST HOLDINGS LTD.	HAZELDEAN RD.,PT.LOT 31/C-11	GOULBOURN TWP. ON	
CA	511376 ONTARIO INC.	HAZELDEAN RD. S.W. RET. FAC.	GOULBOURN TWP. ON	
CA	GOULBOURN TOWNSHIP	FRINGEWOOD DR. PUMP STATION	GOULBOURN TWP. ON	
CA	GOULBOURN TOWNSHIP	FRINGEWOOD DR. PUMP STATION	GOULBOURN TWP. ON	
CA	SUNNY JIM HOLDINGS LTD.-LOT 2, CON. XII	CEDAROW CT.-POOLE CREEK DEVE	GOULBOURN TWP. ON	
CA	SUNNY JIM HOLDINGS LTD.-LOT 2, CONC. XII	CEDAROW CT.-POOLE CREEK DEVELO	GOULBOURN TWP. ON	
CA	PATTEN HOMES LIMITED	LOT 26/C-XI, FOREST CREEK SUB.	GOULBOURN ON	
CA	TOWNSHIP OF GOULBOURN	LOT 25/CONC.XII FRINGEWOOD P.S	GOULBOURN TWP. ON	
CA	SOFTWARE KINETICS LTD.	IBER ROAD, BLOCKS 4&5 (SWM)	GOULBOURN TWP. ON	
CA	3843173 Canada Inc.	Iber Road, Lot 5, Part 4/5, Plan 4M-658	Ottawa ON	
CA		Lot 27, Concession 11	Ottawa ON	
CA	R.M. OF OTTAWA- CARLETON-PT. 2-5, LOT 31	HAZELDEAN SEWAGE PUMP STATION	KANATA CITY ON	
CA	PHIL SWEETNAM MOBILE HOME PARK	LOT 26/CONC. 12, SEPTIC TANKS	GOULBURN TWP. ON	

EBR	Tartan Land Consultants Inc.	Lot 26 and 27, Concession 12	Stittsville ON
EBR	Mattamy Homes Limited	Part of Lot 27, Concession 12	OTTAWA ON
ECA	Mattamy (Fairwinds) Limited	Lot 27 and 28, Concession 12	Ottawa ON
ECA	Mattamy (Fairwinds West) Limited	Part of Lot 26, Concession 12	Ottawa ON
ORD	Relocatable Homes Limited	Lot 26	Township of Goulbourn ON
SPL	TOP OIL RESOURCES	TOP OIL RESOURCES HAZELDEAN ROAD, GOULBORN TWP.	OTTAWA-CARLETON R.M. ON
SPL	PRIVATE RESIDENCE	LOT 21, CON. 12, HAZELDEAN ROAD IN STITTSVILLE.	GOULBORN TOWNSHIP ON
SPL	TRANSPORT TRUCK	FRINGEWOOD VILLAGE	OTTAWA CITY ON
SPL	City of Ottawa	Fringewood pumping station	Ottawa ON
WWIS			ON

Unplottable Report

Site: *City of Ottawa
Huntmar Dr Carp River Bridge to Old Carp Road, Kanata Ward and West Carleton War Ottawa ON*

Database:
CA

Certificate #: 0586-6T6PLK
Application Year: 2006
Issue Date: 9/1/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *455866 ONTARIO LIMITED HAZELDEAN RD.
CEDARLANE SUBD. CEDAROW CRT. GOULBOURN TWP. ON*

Database:
CA

Certificate #: 7-0030-89-
Application Year: 89
Issue Date: 1/24/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *1048219 ONTARIO INC.
PT.LOT 22/CON.11,HAZELDEAN RD. GOULBOURN TWP. ON*

Database:
CA

Certificate #: 3-0908-94-
Application Year: 94
Issue Date: 8/16/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GOULBOURN TWP. LOT 27/CON.X1-PH. 2
STORMWATER RET.POND/IND. PARK GOULBOURN TWP. ON

Database:
CA

Certificate #: 3-0193-90-
Application Year: 90
Issue Date: 7/30/1991
Approval Type: Municipal sewage
Status: Approved in 1991
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ETINVEST HOLDINGS LTD.
HAZELDEAN RD.,PT.LOT 31/C-11 GOULBOURN TWP. ON

Database:
CA

Certificate #: 3-0349-96-
Application Year: 96
Issue Date: 6/11/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 511376 ONTARIO INC.
HAZELDEAN RD. S.W. RET. FAC. GOULBOURN TWP. ON

Database:
CA

Certificate #: 3-0858-93-
Application Year: 93
Issue Date: 9/15/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GOULBOURN TOWNSHIP
FRINGEWOOD DR. PUMP STATION GOULBOURN TWP. ON

Database:
CA

Certificate #: 3-0675-93-006
Application Year: 93
Issue Date: 7/5/93

Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GOULBOURN TOWNSHIP
FRINGEWOOD DR. PUMP STATION GOULBOURN TWP. ON

Database:
CA

Certificate #: 3-0675-93-
Application Year: 93
Issue Date: 6/21/1993
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: SUNNY JIM HOLDINGS LTD.-LOT 2, CON. XII
CEDAROW CT.-POOLE CREEK DEVE GOULBOURN TWP. ON

Database:
CA

Certificate #: 3-1328-90-
Application Year: 90
Issue Date: 7/20/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: SUNNY JIM HOLDINGS LTD.-LOT 2, CONC. XII
CEDAROW CT.-POOLE CREEK DEVELO GOULBOURN TWP. ON

Database:
CA

Certificate #: 7-1082-90-
Application Year: 90
Issue Date: 7/20/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:

Project Description:
Contaminants:
Emission Control:

Site: **PATTEN HOMES LIMITED**
LOT 26/C-XI, FOREST CREEK SUB. GOULBOURN ON

Database:
CA

Certificate #: 3-0893-98-
Application Year: 98
Issue Date: 8/18/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **TOWNSHIP OF GOULBOURN**
LOT 25/CONC.XII FRINGEWOOD P.S GOULBOURN TWP. ON

Database:
CA

Certificate #: 8-4035-93-
Application Year: 93
Issue Date: 4/22/1993
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: 30KW DIESEL GENERATOR FOR SEW. PUMP STA.
Contaminants: Nitrogen Oxides
Emission Control: No Controls

Site: **SOFTWARE KINETICS LTD.**
IBER ROAD, BLOCKS 4&5 (SWM) GOULBOURN TWP. ON

Database:
CA

Certificate #: 3-0516-96-006
Application Year: 96
Issue Date: 7/17/96
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **3843173 Canada Inc.**

Database:
CA

Iber Road, Lot 5, Part 4/5, Plan 4M-658 Ottawa ON

Certificate #: 1916-5XEMBL
Application Year: 2004
Issue Date: 4/14/2004
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Lot 27, Concession 11 Ottawa ON** **Database:**
CA

Certificate #: 5380-4YQSBE
Application Year: 01
Issue Date: 7/31/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: 909979 Alberta Ltd.
Client Address: 30 Glendeer Circle SE, Suite 200
Client City: Calgary
Client Postal Code: T2H 2Z7
Project Description: Runoff from parking areas south and east of the building will be directed to the existing Iber Road ditch; the remainder of the site will drain via catch basins and storm sewers to the existing municipal wet pond. Restrictors will be installed at roof drain inlets and in the outlet storm sewer to reduce flows to pre-development levels and detain water on the roof and in surface ponds.
Contaminants:
Emission Control:

Site: **R.M. OF OTTAWA-CARLETON-PT. 2-5, LOT 31** **Database:**
HAZELDEAN SEWAGE PUMP STATION KANATA CITY ON **CA**

Certificate #: 3-0744-92-
Application Year: 92
Issue Date: 6/29/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **PHIL SWEETNAM MOBILE HOME PARK** **Database:**
LOT 26/CONC. 12, SEPTIC TANKS GOULBURN TWP. ON **CA**

Certificate #: 3-1529-94-
Application Year: 94

Issue Date: 12/23/1994
Approval Type: Municipal sewage
Status: Preliminary approval
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Tartan Land Consultants Inc.**
Lot 26 and 27, Concession 12 Stittsville ON

Database:
EBR

Year: 2011
EBR Registry No.: 011-5086
Ministry Ref. No.: MNR INST 66/11
Type: Instrument Proposal
Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species
Proposal Date: December 21, 2011
Location: Lot 26 and 27, Concession 12, Goulbourn Township, Stittsville
Proponent Address: 237 Somerset Street West Ottawa Ontario Canada K2S 0J3

Site: **Mattamy Homes Limited**
Part of Lot 27, Concession 12 OTTAWA ON

Database:
EBR

Year: 2012
EBR Registry No.: 011-7154
Ministry Ref. No.: MNR INST 67/12
Type: Instrument Proposal
Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species
Proposal Date: September 07, 2012
Location: Part of Lot 27, Concession 12, Township of Goulbourn, CITY OF OTTAWA
Proponent Address: 50 Hines Road Suite 100 Ottawa Ontario Canada K2K 2M5

Site: **Mattamy (Fairwinds) Limited**
Lot 27 and 28, Concession 12 Ottawa ON

Database:
ECA

CofA Number: 3306-9AQR9K
Date: 26-AUG-13
Status: Approved
Project Type: Municipal and Private Sewage

Site: **Mattamy (Fairwinds West) Limited**
Part of Lot 26, Concession 12 Ottawa ON

Database:
ECA

CofA Number: 1384-9RFSN4
Date: 12/8/14
Status: Approved
Project Type: Municipal and Private Sewage

Site: **Relocatable Homes Limited**
Lot 26 Township of Goulbourn ON

Database:
ORD

Year: 2000
EBR Registry No.: IA00E1222
Ministry Ref. No.:
Type: Instrument
Instrument Type: OWRA s. 53(3) - Order for unapproved sewage works.
Proposal Date:
Location: Township of Goulbourn
Proponent Address: Relocatable Homes Limited8A Sweetname Drive,Stittsville, Ontario, K2S 1G2

Site: TOP OIL RESOURCES
TOP OIL RESOURCES HAZELDEAN ROAD, GOULBORN TWP. OTTAWA-CARLETON R.M. ON

Database:
SPL

Ref No.: 25861
Incident Dt: 9/25/1989
MOE Reported Dt: 9/28/1989
Contaminant Name:
Contaminant Quantity:
Incident Summary: TOP OIL RESOURCES- 7000 LTR DIESEL FUEL LEAK FROM UNDERGROUND TANK
Incident Cause: UNDERGROUND TANK LEAK
Incident Reason: UNKNOWN
Nature of Impact:
Receiving Medium: LAND
Environmental Impact:

Site: PRIVATE RESIDENCE
LOT 21, CON. 12, HAZELDEAN ROAD IN STITTSVILLE. GOULBOURN TOWNSHIP ON

Database:
SPL

Ref No.: 140830
Incident Dt: //
MOE Reported Dt: 5/15/1997
Contaminant Name:
Contaminant Quantity:
Incident Summary: PRIVATE RESIDENCE-200 L FURNACE OIL TO GROUND.
Incident Cause: OTHER CONTAINER LEAK
Incident Reason: UNKNOWN
Nature of Impact: Multi Media Pollution
Receiving Medium: LAND
Environmental Impact: POSSIBLE

Site: TRANSPORT TRUCK
FRINGEWOOD VILLAGE OTTAWA CITY ON

Database:
SPL

Ref No.: 227391
Incident Dt: 6/6/2002
MOE Reported Dt: 6/6/2002
Contaminant Name:
Contaminant Quantity:
Incident Summary: CANADIAN WASTE SERVICES SPILL OF MOTOR OIL FROM VEHICLE. CLEANING.
Incident Cause: OTHER CONTAINER LEAK
Incident Reason: EQUIPMENT FAILURE
Nature of Impact: Multi Media Pollution
Receiving Medium: LAND
Environmental Impact: POSSIBLE

Site: City of Ottawa
Fringewood pumping station Ottawa ON

Database:
SPL

Ref No.: 3663-7UA4VQ
 Incident Dt: 7/24/2009
 MOE Reported Dt: 7/24/2009
 Contaminant Name: SEWAGE,RAW UNCHLORINATED
 Contaminant Quantity:
 Incident Summary: Sanitary Sewer Overflow at Fringewood Pumping Station
 Incident Cause: Discharge Or Bypass To A Watercourse
 Incident Reason: Weather
 Nature of Impact: Surface Water Pollution
 Receiving Medium:
 Environmental Impact: Confirmed

Site: ON **Database:** WWIS

Well ID:	1518033	Lot:	027
Concession:		Concession Name:	
County:	OTTAWA-CARLETON	Municipality:	OTTAWA CITY
Easting Nad83:		Northing Nad83:	
Zone:	18	Utm Reliability:	unknown UTM
Primary Water Use:	Cooling And A/C	Construction Date:	29-JAN-82
Sec. Water Use:		Well Depth:	100 ft
Pump Rate:	10 GPM	Static Water Level:	15 ft
Flow Rate:		Clear/Cloudy:	CLEAR
Specific Capacity:		Final Well Status:	Water Supply
Construction Method:	Air Percussion	Flowing (y/n):	N
Elevation (m):		Elevation Reliability:	
Depth to Bedrock:	15	Overburden/Bedrock:	Bedrock
Water Type:	FRESH	Casing Material:	FRESH, MINERIAL

--- Details ---

Thickness:	10 ft	Original Depth:	10 ft
Material Colour:	BROWN	Material:	CLAY
+			
Thickness:	5 ft	Original Depth:	15 ft
Material Colour:	GREY	Material:	CLAY
+			
Thickness:	12 ft	Original Depth:	27 ft
Material Colour:	BLACK	Material:	SHALE, SOFT
+			
Thickness:	73 ft	Original Depth:	100 ft
Material Colour:	GREY	Material:	LIMESTONE

Appendix: Database Descriptions

Ecolog Environmental Risk Information Services Ltd 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 Ecolog ERIS at the time of update. **Note:** Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

The MAAP Program maintains a database of all 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 Mar 2015

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-Jan 2014

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

Automobile Wrecking & Supplies:

Private [AUWR](#)

This database provides an inventory of all 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: 2001-Jul 2014

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 2014

Certificates of Approval:Provincial [CA](#)

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

*Government Publication Date: 1985-Oct 30, 2011**

Commercial Fuel Oil Tanks:Provincial [CFOT](#)

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

Government Publication Date: 1948-2014

Chemical Register:Private [CHEM](#)

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

Government Publication Date: 1992, 1999-Jul 2014

Inventory of Coal Gasification Plants and Coal Tar Sites:Provincial [COAL](#)

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

*Government Publication Date: Apr 1987 and Nov 1988**

Compliance and Convictions:Provincial [CONV](#)

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Feb 2014

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-Sep 2015

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 MNM. 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-Jun 2014

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 31 2011-Oct 2015

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-Sep 2015

Environmental Compliance Approval:Provincial [ECA](#)

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

Government Publication Date: Oct 31, 2011-Jun 2015

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-Aug 2014

Environmental Issues Inventory System:

Federal EIS

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

*Government Publication Date: 1992-2001**

Emergency Management Historical Event:

Provincial EMHE

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events. Events captured will include 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.

Government Publication Date: May 31, 2014

List of TSSA Expired Facilities:

Provincial EXP

This is a list of all expired facilities that fall under the TSSA (TSSA Act & Safety Regulations), including the six regulations that exist under the Fuels Safety Division. It will include facilities such as private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. These tanks have been removed and automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Current to Nov 2014

Federal Convictions:

Federal FCON

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

*Government Publication Date: 1988-Jun 2007**

Contaminated Sites on Federal Land:

Federal FCS

The Federal Contaminated Sites Inventory includes information on all 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.

Government Publication Date: June 2000-Oct 2015

Fisheries & Oceans Fuel Tanks:

Federal FOFT

Fisheries & Oceans Canada maintains an inventory of all 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-Sept 2003

Fuel Storage Tank:

Provincial FST

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Government Publication Date: 2010-Nov 2014

Fuel Storage Tank - Historic:

Provincial [FSTH](#)

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

*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-May 2015

TSSA Historic Incidents:

Provincial [HINC](#)

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

*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 all 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**

TSSA Incidents:

Provincial [INC](#)

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: June 2009-2014

Landfill Inventory Management Ontario:

Provincial [LIMO](#)

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

Government Publication Date: 2012

Canadian Mine Locations:

Private [MINE](#)

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

*Government Publication Date: 1998-2009**

Mineral Occurrences:

Provincial [MNR](#)

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

Government Publication Date: 1846-Apr 2013

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: 1994-2012

National Defence & Canadian Forces Fuel Tanks:

Federal [NDFT](#)

The Department of National Defence 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 Defence & Canadian Forces Spills:

Federal NDSP

The Department of National Defence 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-Aug 2010

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 Environmental Emergencies System (NEES):

Federal NEES

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

*Government Publication Date: 1974-2003**

National PCB Inventory:

Federal NPCB

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

*Government Publication Date: 1988-2008**

National Pollutant Release Inventory:

Federal NPRI

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

Government Publication Date: 1993-2013

Oil and Gas Wells:

Private OGW

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-Sep 2015

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.

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-Sep 2015

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

Parks Canada Fuel Storage Tanks:

Federal [PCFT](#)

Canadian Heritage maintains an inventory of all 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 Environment maintains a database of all manufacturers and vendors of registered pesticides.

Government Publication Date: 1988-Jun 2013

TSSA Pipeline Incidents:

Provincial [PINC](#)

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Government Publication Date: June 2009-2014

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-Sep 2015

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: 1986-2013

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-Sep 2015

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-Jul 2014

Scott's Manufacturing Directory:

Private SCT

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

*Government Publication Date: 1992-Mar 2011**

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Feb 2014

Wastewater Discharger Registration Database:

Provincial SRDS

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

Government Publication Date: 1990-2011

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.

Transport Canada Fuel Storage Tanks:

Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970-Mar 2007

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial VAR

The TSSA, Under the Liquid Fuels Handling Code and the Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, you may apply to seek a variance from this code requirement. This is a list of all variances granted for abandoned tanks.

Government Publication Date: Current to Nov 2014

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: 1970-Jun 2015

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial WWIS

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

Government Publication Date: 1955-Mar 2014

Definitions

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

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

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

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

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

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

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

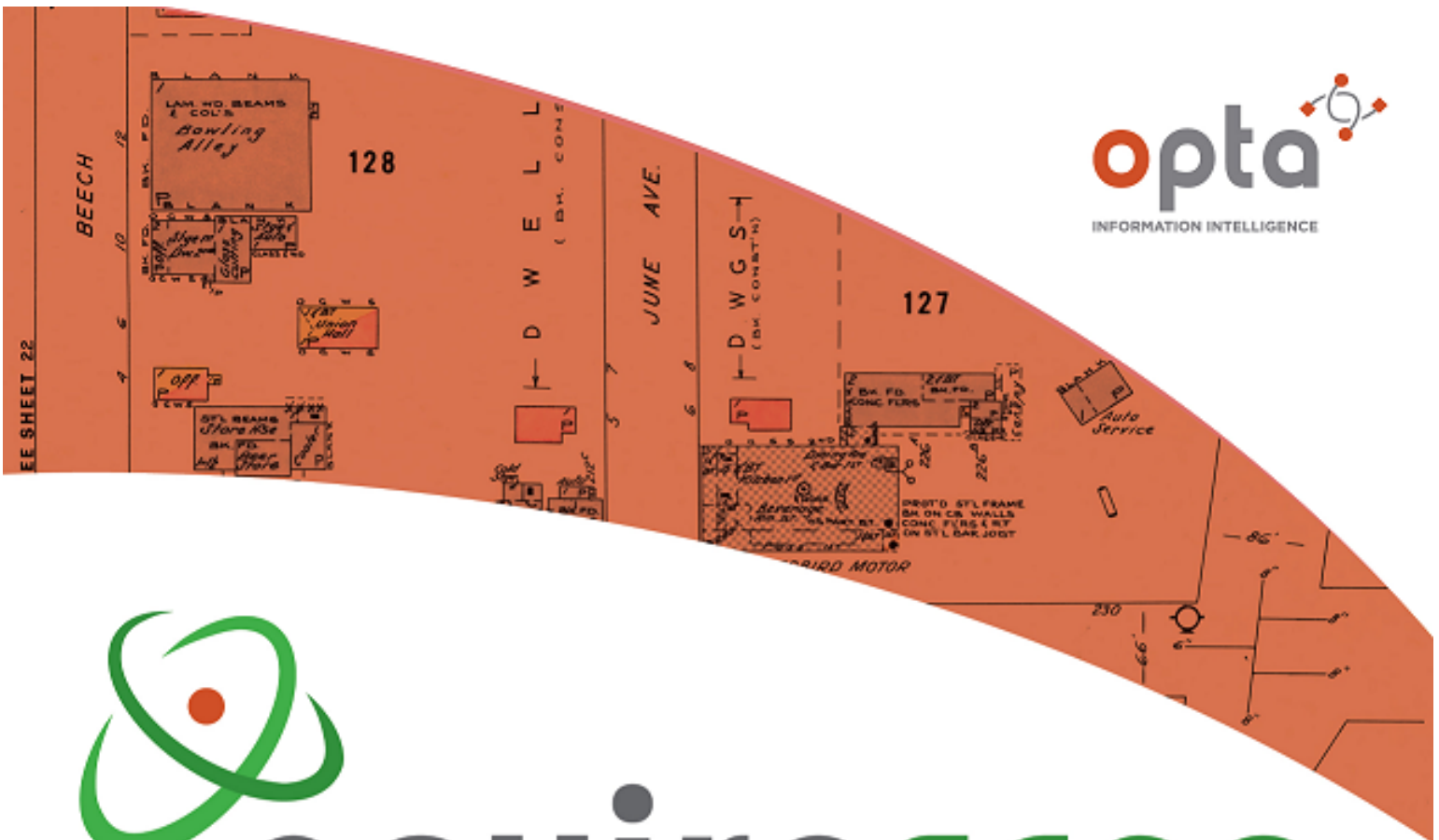
'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

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

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

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

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



enviroscan



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Report Completed By:
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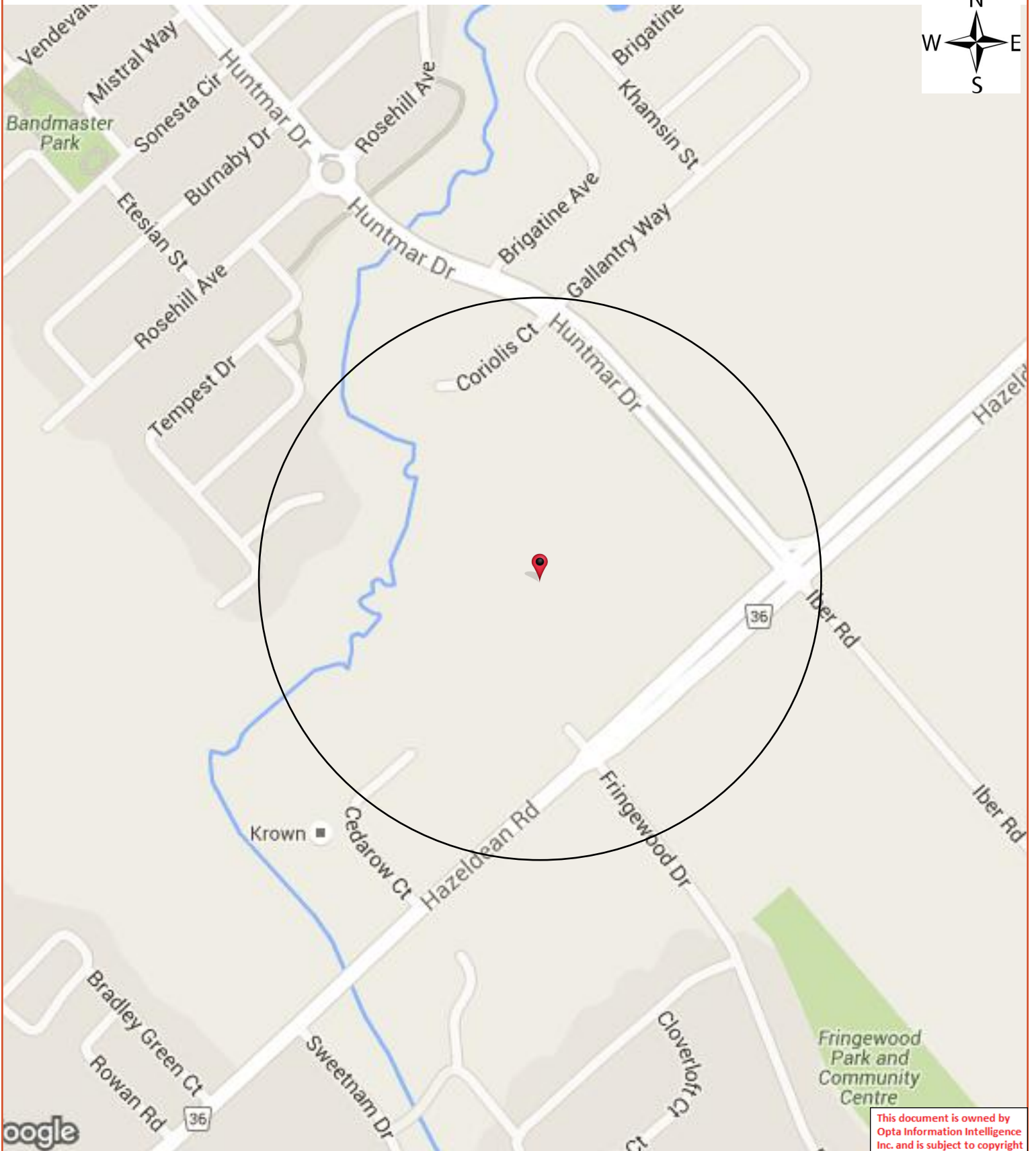
Site Address:
5731 Hazeldean Road ON Canada

Project No:
110847

Opta Order ID:
24659

Requested by:
Kurt Frommann
Pinchin Ltd.

Date Completed:
12/8/2015 10:45:31 AM



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