



GOLDER

Report

Phase I Environmental Site Assessment, 206105 Highway 26, Meaford, Ontario

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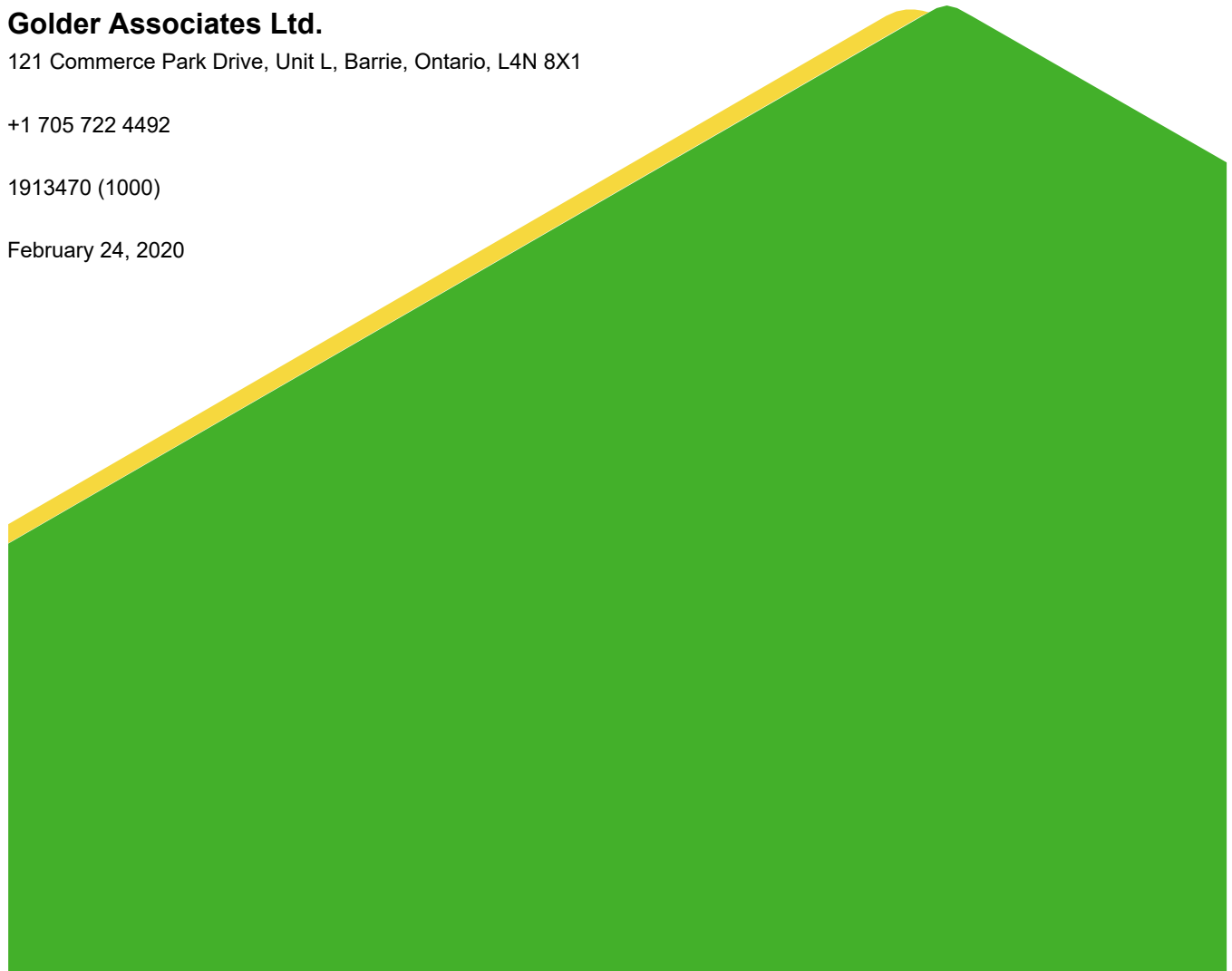
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Distribution List

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Executive Summary

Golder Associates Ltd. (“Golder”) was retained by M1Development Inc. (“M1 Development”) to conduct a Phase I Environmental Site Assessment (“ESA”) of the property located at 206105 Highway 26, in Meaford, Ontario (the “Site”). Highway 26 runs in a northeast to southwest direction. For discussion purposes, Highway 26 at this location assumed to be aligned in an east- west direction. The legal description of the Site is Plan 541 Part Lot 4 Part Lot 14; RP 16R5037 Part 1. The location, surroundings, and layout of the Site are provided in Figure 1.

The Site comprises an area of approximately 13.79 hectares (34.08 acres) and is located on the north side of Highway 26. The property is developed with a residential building, a former horse stable, and four additional storage buildings/sheds.

The primary objective of the Phase I ESA was to identify, insofar as possible based on readily available information and without an intrusive investigation, former or current practices at the Site that may represent issues of actual or potential environmental concern. Golder understands that the Phase I ESA is required for financing purposes not for filing of a Record of Site Condition (“RSC”) for the Site. Should a RSC be required in the future, a Phase One ESA complying with requirements of Ontario Regulation (“O.Reg.”) 153/04 will have to be completed. Based on all the information obtained as part of this Phase I ESA, the following issues of potential environmental concern were identified:

On-Site:

- Former vehicle maintenance/service garages – Two former garages are located in the central portion of the Site. One of the garages (Building B) contains a floor drain in the central portion of the garage, which flows to an unspecified location. Stained concrete was identified within the other garage (Building C) with visible concrete cracks providing a potential pathway for contamination to migration to the subsoil.

Off-Site:

- The property located at 206068 Highway 26 (50 m southwest - up-gradient) is currently occupied by Reg Nobel’s Automotive Sales and contains vehicle maintenance/service garages.
- The property located at 206066 Highway 26 (50 m southwest - up-gradient) was formerly listed as a gasoline service station with expired fuel tanks. The property is currently occupied by Reg Nobel’s Automotive Sales and contains vehicle maintenance/service garages.
- The property at 206065 Highway 26 (adjoining property west of the southwest corner of the Site - up-gradient) is currently occupied by Bayside Chrysler Dodge Jeep Ram and contains vehicle maintenance/service garages. Historically, the property was occupied by Grey County Auto Marine which contained vehicle maintenance/service garages and was listed as a hazardous waste generator of light fuels in 2019.

Based on the information obtained as part of this Phase I ESA, lead-based paints, PCBs, and asbestos were identified as being potentially present within the buildings. These special attention items are not considered to represent an issue of potential environmental concern provided they are managed in accordance with applicable environmental, health, and safety legislation. It is recommended that a designated substance survey (“DSS”) be completed to identify the presence of lead and other hazardous materials for the property.

At the time of preparation of this report, a regulatory response had not been received from the Technical Standards & Safety Authority. The absence of this information is unlikely to be a significant limitation to the report based on the other sources of information that were available for review.

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1.0 INTRODUCTION

1.1 Background and Objective

Golder Associates Ltd. (“Golder”) was retained by M1 Development Inc. (“M1 Development”) to conduct a Phase I Environmental Site Assessment (“ESA”) of the property located at 206105 Highway 26, in Meaford, Ontario (the “Site”). The Site has a legal description of Plan 541 Part Lot 4 Part Lot 14; RP 16R5037 Part 1. The location, surroundings, and layout of the Site are provided in Figure 1.

The primary objective of the Phase I ESA was to identify, insofar as possible based on readily available information and without an intrusive investigation, former or current practices at the Site that may represent issues of actual or potential environmental concern. Golder understands that the Phase I ESA is required to support the acquisition of the Site not for filing of a Record of Site Condition (“RSC”). Should an RSC be required in the future, a Phase One ESA complying with requirements of Ontario Regulation (“O.Reg.”) 153/04 will have to be completed.

1.2 Scope of Work

Golder’s assessment was carried out in general accordance with Canadian Standards Association (“CSA”) Standard Z768-01, *Phase I Environmental Site Assessment* (reaffirmed 2016), and involved the following scope of work:

- Reviewing readily available records to collect data and information on past and present activities on the Site;
- Visiting the Site to observe current Site conditions and operations and to further assess any potential environmental concerns identified in the records review;
- Interviewing knowledgeable individual(s) to corroborate or augment the information gathered from the records review and Site visit;
- Evaluating the information from the records review, Site visit, and interviews; and,
- Preparing a Phase I ESA report.

For the purposes of this Phase I ESA, the assessment area included the Site and surrounding properties within 250 m of the boundaries of the Site.

In preparing this Phase I ESA, Golder has applied professional judgement in considering readily available information and has relied in good faith on information provided by others. This level of effort is a method of risk reduction rather than risk elimination. This assessment included a cursory overview of the neighbouring land uses and does not constitute a complete assessment of neighbouring land uses. Further reductions in risk can be achieved through a program of intrusive testing at the Site, including sample collection and analysis.

2.0 SITE DESCRIPTION

The Site is located within an area that is primarily residential with some interspersed forested, agricultural and commercial land uses. Highway 26 runs in a northeast to southwest direction. For discussion purposes, Highway 26 at this location is assumed to be aligned in an east- west direction.

The Site comprises an area of approximately 13.79 hectares (34.08 acres) and is located on the north side of Highway 26. The Site is developed with a residential building, a former horse stable, and four additional storage buildings/sheds.

3.0 TOPOGRAPHIC, GEOLOGIC AND HYDROGEOLOGIC SETTING

The following summary of the Site's topographic, geologic, and hydrogeologic setting is based on a review of mapping information and other sources of information as indicated in Section 7 (References).

Table 1: Topographic, geologic and hydrogeologic setting

Item	Detail
Surficial Geology	The majority of the Site is identified as coarse-textured glaciolacustrine deposits of sand, gravel, minor silt and clay. However, till- stone poor, sandy silt to silty sand were identified on the southern portion of the Site.
Bedrock	Georgian Bay Formation, shale, limestone, dolostone and siltstone.
Nearest Water Body	Centerville Creek flows through the northern most point of the Site. Georgian Bay is located approximately 350 m east of the Site. An unevaluated wetland is located on the adjacent property to the northwest.
Grade of Surrounding Properties	Based on observations at the time of the site visit, surrounding properties were generally at grade with the Site. The Site and surrounding areas slope slightly to the north and east.
Inferred Groundwater Flow Direction	The inferred shallow groundwater flow direction in the northern portion of the Site is to the north toward Centerville Creek. The inferred shallow groundwater flow direction in the central and southern portion of the Site is to the east toward Georgian Bay. Groundwater flow may be influenced by underground structures (e.g., service trenches, catch basins, and building foundation) or water bodies. The groundwater flow direction could be confirmed only with the direct observation of the groundwater elevations at the Site.

4.0 PROPERTY USE INFORMATION

4.1 Insurance Records

Golder asked Opta Information Intelligence ("Opta") to provide any fire insurance plans ("FIPs"), property underwriters' reports ("PURs") and property underwriters' plans ("PUPs") related to the Site and surrounding properties. Golder was informed by Opta that no records were available for the Site.

4.2 Regulatory Requests

A Freedom of Information ("FOI") request was submitted to the Ministry of the Environment, Conservation, and Parks ("MECP") for information on historical spills, orders, investigations or prosecutions, waste generation and Certificates of Approval with respect to the Site. At the time of writing this report, no response had been received from the MECP. The absence of this information is unlikely to significantly impact the findings of this report based on the other sources of information that were available for review.

A records request was also requested from The Technical Standards & Safety Authority ("TSSA"), Fuels Safety Division for the properties located at 206065, 206066, 206068 and 206105 Highway 26, Meaford. No records of any fuel storage tanks at the above addresses were identified.

4.3 Environmental Databases.

Golder contracted EcoLog Environmental Risk Information Services Ltd. ("EcoLog ERIS") to search available federal, provincial, and private-sector environmental databases for the Site and the surrounding area. The complete database report is included in Appendix A. Noteworthy findings of the EcoLog ERIS report are summarized in the following sections.

Site

The EcoLog ERIS report included the following noteworthy listings at the Site:

- The Site was occupied by Cliff Thornton and was approved in 2000 for municipal and sewage water works.
- Two water wells were advanced on the Site in 1948 and 1990 to a maximum depth of 33.8 and 74.6 metres below ground surface ("mbgs"). The stratigraphy of the wells was reported as clay and sand. The static water level in the wells were reported as 25.9 and 33.8 mbgs. There is no record of these wells being decommissioned. As per O.Reg.903, any wells not required should be decommissioned in accordance with this regulation.

Surrounding Properties

The EcoLog ERIS report included the following noteworthy listings:

- The property located at Lot 19, Concession 6 (70 m southwest – no municipal address was provided) was occupied by Don Bumstead Motors Limited has a following information:
 - The property had a Certificate of Approval for industrial air in June 1995.
 - The property was listed as a private retail fuel storage tank in 1993.
- The property located at 206065 Highway 26 (adjacent west of the southwest corner of the Site) has the following information:
 - The property was occupied by Grey County Auto Marine and was registered under hazardous waste generator (ON3703835) for waste of light fuels as of July 2019.
- The property located at 113 Algonquin Drive (125 m east) was occupied by Georgian Bay Pesticides Control and was listed as pesticide operator.
- The property located at 206066 Highway 26 (LOT 18 CON 6RR 1; 50 m southwest) was occupied by Townline Automotive Inc. and listed as a gasoline service station that contained six expired fuel tanks (dated in 2000) along with associated piping.

4.4 Aerial Imagery

Aerial imagery for the Site and surrounding properties was reviewed by Golder. Noteworthy findings from this review are provided in the table below.

Table 2: Aerial imagery

Year	Site	Surrounding Properties
1938	The Site appears to be developed with a residential structure similar to the current configuration (Building A). A white area, presumed to be a second building west of the residential structure with an associated black shadow, was also present. The remaining portion of the Site is comprised of agricultural fields. A road, assumed to be Highway 26, runs immediately south of the Site.	The surrounding properties were mostly agricultural fields with associated rural residential buildings. Property to the northeast to east of the Site was treed and undeveloped.

Year	Site	Surrounding Properties
	Centreville Creek is also evident flowing through the northern portion of the Site.	
1955	Generally, as per the 1938 aerial photograph except the west portion of the Site appears to be disturbed.	Generally, as per the 1938 aerial photograph.
1965	Generally, as per the 1955 aerial photograph except the west disturbed portion of the Site has returned to an agricultural field.	Land west and south of the Site, in the vicinity of 206065 Highway 26 and 206066 Highway 26, and southeast of the Site appears to be disturbed. Additional residential properties are developed along Georgian Bay to the east.
1974	Generally, as per the 1965 aerial photograph. A track is evident in the western portion of the Site.	Land east of the Site was developed into additional residential properties. Buildings are visible at 206065 Highway 26 and 206066 Highway 26 (southwest of the Site).
1988	Five buildings are visible including the current configuration of Buildings A, B, C, and D. One unknown building is apparent 25 m west of Building B.	Generally, as per the 1974 aerial photograph except additional residential development has taken place east of the Site. Additional properties south of the Site have been developed. 2052066 Highway 26 is being used as a gasoline service centre. Several vehicles can be seen at 206068 and 205065 Highway 26. A large agricultural operation (possible a greenhouse) is evident south of Highway 26, east of 205068 Highway 26.
1995	Generally, as per the 1988 aerial photograph except additional sporadic trees are visible on the west portion of the property.	Generally, as per the 1988 aerial photograph except additional residential development has taken place east of the Site.
2010	Buildings E and F have been constructed. Several automobiles have been stored 10 m north of Buildings E and F. An unidentified structure 60 m southwest of Building C is visible. The west portion of the Site has been significantly treed.	Generally, as per the 1995 aerial photograph except agricultural fields west of the Site have been replaced with trees. The large agricultural property to the south has been decommissioned. Two buildings remain. The service centre to the southwest is no longer in operation and has been replaced by used vehicle sales (assumed based on several parked vehicles).
2019	Generally, as per the 2010 aerial photograph except the unknown building noted 25 m to the west of Building B has been demolished and the automobile storage area north of Buildings E and F has been removed.	Generally, as per the 2010 aerial photograph.

4.5 City Directories

Golder asked EcoLog ERIS to search city directories for the Site and surrounding properties. The Site is located within the residential and forested area of Meaford. No information was available for the Site and the surrounding properties.

4.6 Previous Environmental Reports

No previous environmental report was available for review.

5.0 SITE VISIT

5.1 Site Visit Details

During the Site visit, which occurred over a two-day period on November 19th and 20th, 2019, the Site Assessor walked through and observed accessible areas of the interior and exterior of the Site, observed neighbouring properties, interviewed the Site Representative, and photographed representative Site features (Appendix C).

Table 3: Site visit details

Item	Detail
Site Assessor	Christy Doolittle, Derek Franceschini
Date of Site Visit	November 19th and 20th, 2019
Site Representative's Name and Title	Angus Knowles, Development Manager Matthew Lidbetter, Broker at Sotheby's International Realty Canada, Brokerage
Weather During Site Visit	Cloudy, 2 °C
Site Visit Restrictions	None of the buildings were accessible during the initial site visit. A returning Site Assessor (Derek Franceschini) was able to access the buildings with the exception of the residential house the following day.

5.2 Past Site Uses

The Site Representative stated that, to the best of his knowledge, the Site was historically used as a golf course, followed by a horse farm. It should be noted that there is no evidence of the Site being used as a golf course in all available information; thus, Golder could not verify the use of the Site as a golf course in the past.

The Site Representative was asked whether any of the specific activities of potential environmental concern listed below had occurred at the Site or surrounding properties. A summary of the Site Representative's response is provided below.

Table 4: Past uses of the Site

Reported Uses	Detail
Dry cleaning facility	None reported
Industrial metal finishing, including degreasing, painting or electroplating	None reported.
Other past industrial use	The Site historically was reportedly used as a golf course; this use could not be verified from available records. Recent historical use of the Site was as a horse farm.
Fuel storage	The Site Representative was not aware of any previous fuel storage tanks on the Site.

Reported Uses	Detail
Retail fuel outlet or vehicle service garage	None reported; however, during the Site visit, two buildings (Building B and Building E) appeared to resemble former vehicle maintenance/service garages.
Landfilling or placement of fill	None reported.
Waste water impoundments	None reported.
Solid or liquid waste storage or disposal	None reported.
Environmental sampling, wells, or evidence of drilling	The Site Representative was not aware of any previous environmental sampling on the Site. While the Site inspection was in progress, some test pits were being excavated in the northern portion of the Site.
Any other activities that may have affected the environmental condition of the Site or neighbouring properties	None reported and no evidence of any observed during the Site visit.

5.3 Present Site Uses

At the time of the Site visit, the Site was used for residential purposes with a former horse barn and four storage sheds/garages. Information about the current use of the Site is provided below.

Table 5: Present Site uses

General Site Information	Findings and Assessor Comments
Current Site uses	The Site is primarily used for residential purposes.
Number of buildings on the Site and use	One residential building along with five smaller buildings used for storage including three boats, two snowmobiles, and one tractor.
Yard Areas	A gravel driveway is present in the southern portion of the property. The remaining portions of the Site external to the buildings were agricultural fields or vegetated with trees,
Areas of exterior staining	None observed.
Stressed vegetation	None observed.
Fill (including soil, rock, and other inert materials)	The Site Representative was not aware of any fill related activities on the Site.
Watercourses, ditches or standing water (including wetlands)	A creek runs west to east in the northern treed portion of the Site. The ground was frozen, and snow covered at the time of the Site visit in November 2019. As such, the condition of the creek was not assessed.

5.4 Site Buildings

At the time of the Site visit, the Site was developed with one or more buildings as described below:

Table 6: Site buildings

Buildings	
Approximate building size	Building A (residential with partial basement): approximately 232.25 m ² Building B (former garage/service shop; green building): approximately 268.12 m ² Building C (former horse stable and garage/service shop; white building): approximately 262.45 m ² Building D (grey shed): approximately 12.82 m ² Building E (red shed): approximately 58.52 m ² Building F (white shed): approximately 12.82 m ²
Building construction date (year)	Building A (residential) was built in the 1920's according to a Site Representative.
Building additions (year)	No additions.
Number of above grade floors	Building A: Two storeys Building B: Two storeys Building C: One storey Building D: One storey Building E: One storey Building F: One storey
Number of below grade floors	The residential building (Building A) has a partial basement (unfinished).
Tenants	Building A was occupied by a tenant. Access to the house was not provided.
Heating system	Both gas and wood fireplaces in Building A.
Cooling system	Central air and window mounted air conditioning in Building A.
Backup power supply	None observed.
Potable water supply	Municipal water supply.
Hydraulic lift equipment	One vehicle jack was observed in Building B. One tractor was noted in Building E.
Transformers	None observed.
Other mechanical equipment	None observed.

5.5 Chemical and Fuel Storage

Chemical and fuel storage practices are described below:

Table 7: Chemical and Fuel Storage

General Description	Findings and Assessor Comments
Janitorial supplies and building maintenance products.	Building A: None observed Building B: None observed Building C: Multiple hand lotions/hand soaps Building D: None observed Building E: None observed Building F: None observed
Process chemicals or products	Building A: None observed Building B: One 1.5 L jug of engine oil, two 1.5 L jugs of windshield washing fluid, multiple miscellaneous automotive chemicals, 20 kg bag of Snow and Ice melter, box of battery acid Building C: A can of spray paint, 3 22.5 L (5 gallon) containers of waste oil, multiple 4.5 L containers of weather protectant sealant for windows, approximately 18 4.5 L (1 gallon) containers of interior/exterior paint, 1 spray can of Raid, one bottle of Schultz insecticide Building D: One 2-3 gallon jerry can and six fertilizer containers. Building E: One 19 L container of Rotella T (diesel motor oil). Building F: None observed.
ASTs	None observed or reported.
USTs	None observed or reported.
Drums	None observed or reported.
Chlorinated solvents	None observed or reported.
Compressed gases	None observed or reported.
Other chemicals or fuels	None reported or observed.
Unidentified substances	One empty white storage tank was observed outside Building B by the service door.
Spills and/or staining	Building A: None observed. Building B: Brown stained concrete observed outside Building B in front the service doors. Building C: Cracked concrete with staining observed. Building D: None observed. Building E: Cracked concrete with staining observed. Building F: None observed.

5.6 Waste Generation and Handling

Waste generation and handling practices at the Site are described below:

Table 8: Waste generation and handling

Waste Generation	Description
Solid waste typical of commercial operations	Typical residential-produced type waste was reported by the site representative

Waste Generation	Description
Other solid waste or sludge	None reported or observed.
Sewage	Septic tank
Other wastewater or liquid waste	None reported other than for residential use.
Hazardous waste and O. Reg. 347 Waste Generator registration	None reported or observed.
Lagoons, drains, sumps, pits, and oil-water separators	One floor drain observed in the garage portion of Building B.
Process vents	None reported or observed.
Other air emissions	None reported or observed.
Strong, noxious, or pungent odours	No strong, noxious, or pungent odours were identified.

5.7 Surrounding Properties

Golder observed surrounding properties from publicly accessible areas and from the Site. The area surrounding the Site is principally residential and forested land. Observations of the surrounding properties by the Site Assessor are provided below.

Table 9: Observations of surrounding properties

Direction	Assessor Findings and Comments
North (inferred to be down-gradient of the Site)	Wooded area followed by residential properties.
South (inferred to be up-gradient of the Site)	Highway 26 followed by Don Bumstead & Family Medical Centre and Bay-View Motel, a vacant garden centre southwest of the Site, and Reg Nobel's Automotive Sales at 206066 Highway-26 (50 m southwest of the Site). A vehicle service garage was noted at 206066 Highway-26.
East (inferred to be down-gradient of the Site)	Residential along Algonquin Drive and Grandview Drive.
West (inferred to be up-gradient of the Site)	Bayside Chrysler Dodge Jeep Ram at 206065 Highway 26 (adjoining property west of the Site) an agricultural field and wooded area. A vehicle service garage was noted at 206065 Highway-26.

5.8 Special Attention Items

Information about "Special Attention Items" was collected during the Site visit and the interview with the Site Representative. In the following subsections, information collected during the Site visit and interview is supplemented with information from previous reports, where such reports exist.

5.8.1 Polychlorinated Biphenyls

Polychlorinated biphenyls ("PCBs") are a group of organic chemicals that were widely used in caulking and electrical equipment manufactured between the 1950's and 1980. Caulking potentially containing PCBs can be found in any building constructed during this period. Electrical equipment potentially containing PCBs is restricted to transformers, capacitors, heat transfer equipment, hydraulic equipment, electromagnets and vapour diffusion pumps manufactured prior to September 1977 and in lamp ballasts manufactured prior to July 1980. The PCB regulations of the Canadian Environmental Protection Act (SOR/2008-273) require that equipment containing more than 50 mg/kg PCBs should be decommissioned, with PCB use to be eliminated by 2025.

Based on the age of Site Building A (1920's), PCBs may be present at the Site. The Site representative was not aware of the presence of any PCBs and indicated that PCB oil-filled transformers have never been manufactured or serviced at the Site.

5.8.2 Asbestos-Containing Materials

The use of asbestos-containing building materials ("ACMs"), including both friable and non-friable asbestos, in building construction materials significantly declined on a voluntary basis in the mid-1970's. The use of materials containing friable asbestos in Canada was effectively discontinued by 1986 as a result of strict provincial regulation. Typical examples of friable ACMs include thermal, fire-proofing or acoustical insulating materials and can include deteriorated materials containing non-friable ACM (e.g., Transite™ pipe). Typical examples of non-friable ACMs can include packings, gaskets, sealants, resilient flooring, asphalt roofing, mastics, drywall joint compounds, stuccos, cementitious and Transite™ materials (including drains and downspouts), and Transite™ shingles. Buildings constructed prior to 1986 potentially contain both friable and non-friable ACMs. Buildings constructed after 1986 potentially contain non-friable ACMs; however, as a practical matter, the condition of some non-friable ACMs can deteriorate, releasing asbestos fibres if disturbed.

Based on the age of Site Building A (1920's), building materials may include friable ACMs. The Site Representative stated that asbestos was not known to be present at the Site; however, during the Site visit vinyl flooring tiles, potentially containing friable ACMs, were observed in Building B.

5.8.3 Lead and Lead-Containing Surface Coatings

Paints manufactured prior to 1960 commonly contained significant lead. In 1976, the Canadian Hazardous Products Act restricted the lead content of paints and other surface coatings on furniture, household products, children's products, and exterior and interior surfaces and since that time lead content of paints has continued to decline. Lead-containing surface coatings in good condition are not typically associated with health risks to building occupants; however, unacceptable lead exposures can occur during building renovations, modifications or demolition activities. Other potential sources of lead in buildings include soldered plumbing joints installed prior to 1986 and lead plumbing pipe (used up until 1975). Lead is present in leaded glass and other type of radiation shielding that are used where radiation sources are present (e.g., medical and dental clinics).

Based on the reported age of Building A (1920's), it is possible that interior and exterior surface coating contain lead. The observed painted surfaces of the Building A were generally noted to be in good condition with no significant sections of paint that were peeling and/or flaking.

5.8.4 Ozone-Depleting Substances

Refrigeration and air conditioning equipment in service prior to 1998 may contain chlorofluorocarbon refrigerants that are designated as ozone-depleting substances (ODSs). Non-ODS refrigerants have been developed and are available to replace these materials in newer equipment. Other ODSs include halons, methyl chloroform and carbon tetrachloride. Under the Ozone Depleting Substances Regulations 1998 of the Canadian Environmental Protection Act (SOR/99-07), all ODSs are being phased out of use in Canada.

No ODS substances were observed or reported to be present at the Site.

5.8.5 Urea Formaldehyde Foam Insulation

Urea formaldehyde foam insulation ("UFFI") is low-density foam that was used as an insulating material in the 1970s until it was banned from use in Canada in 1980. UFFI was commonly injected through walls by drilling injection holes, typically in walls, roof structures, ceilings and overhangs.

The Site Representative was not aware of UFFI having been used at the Site. Based on the unknown age of Site buildings B through F, UFFI may have been used at the Site.

5.8.6 Radon and Radioactive Substances

Radon is a radioactive gas formed by the decay of naturally occurring uranium. In 2012 Health Canada released a major study demonstrating that radon concentrations in 7% of Canadian homes exceed the recommended guideline of 200 Becquerels/m³. It is likely that similar proportion of commercial and industrial buildings are also impacted by radon at concentrations exceeding this recommended guideline. Although radon concentrations vary significantly across Canada, no geographic area is radon-free and Health Canada recommends the completion of long-term radon testing to determine radon concentrations within a building.

Radioactive sources are found within a wide range of testing equipment including lasers, x-ray sources, imaging and radiography equipment, industrial gauges (including density gauges and other materials testing equipment), and smoke detectors. Radioactive products include any uranium containing material and medical isotopes.

The Site Representative was unaware if radon testing was conducted at the Site. No radioactive sources were observed or reported to be present at the Site.

5.8.7 Mercury

Mercury may be present in both mechanical and electrical equipment including thermometers, thermostats, switch gears, barometers, vacuum gauges, gas pressure regulators, electrical switches/relays, batteries and electrolytic manufacturing processes. Small amounts of mercury are present in some fluorescent lights, including mercury vapour, metal halide, and sodium vapour lamps.

During the Site visit, Golder did not observe any equipment or products potentially containing mercury.

5.8.8 Mould or Water Damage

Mould can grow on damp building materials such as ceiling tiles, drywall, carpeting, and areas. Mould growth is commonly associated with water leakage.

The Site Representative stated that mould has not been of concern at the Site. No areas of water ingress and/or suspected mould growth were observed or reported to be present at the time of the Site reconnaissance, although on the second storey of Building B, some minor water staining was observed.

5.8.9 Noise and Vibration

No major or persistent sources of noise and vibration were observed or reported to be present other than that typical noise regular vehicular traffic on the Site and adjacent roadways.

5.8.10 Non-ionizing Electromagnetic Radiation

Non-ionizing types of electromagnetic radiation include radiofrequency and microwave radiation, which can be associated with tissue damage through heating. Radiofrequency radiation is produced by radio and TV transmitters, induction heaters, and dielectric sealers. Microwave radiation is produced by microwave ovens, parabolic antennas, radar devices, and diathermy applicators. No human health risks are known to be associated with the low-energy electromagnetic radiation from commercial electronics and power transmission lines.

No sources of non-ionizing electromagnetic radiation were observed or reported to be present at the time of the Site reconnaissance.

6.0 CONCLUSIONS

The information obtained as part of this Phase I ESA was evaluated to identify relevant environmental conditions with the potential for contamination to be present in environmental media or building materials ("issues of potential environmental concern"). Environmental conditions that do not present a threat to human health or the environment and that generally would not be the subject of regulatory enforcement were not considered to represent an issue of potential environmental concern. Some land uses or activities in the surrounding area were not specifically identified as an issue of potential environmental concern based on their separation distance from the Site, the inferred hydrogeologic conditions and/or the absence of evidence of a contaminant release to the subsurface associated with the off-Site land use or activity. Based on all the information obtained as part of this Phase I ESA, the following issues of potential environmental concern were identified:

On-Site:

- Former vehicle maintenance/service garages – Two former garages are located in the central portion of the Site. One of the garages (Building B) contains a floor drain in the central portion of the garage that flows to an unspecified location. Stained concrete was identified at the other garage (Building C) with visible concrete cracks providing a potential pathway for contamination to migration to the subsoil.

Off-Site:

- The property located at 206068 Highway 26 (50 m southwest - up-gradient) is currently occupied by Reg Nobel's Automotive Sales and contains vehicle maintenance/service garages.
- The property located at 206066 Highway 26 (50 m southwest - up-gradient) was formerly listed as a gasoline service station with expired fuel tanks. The property is currently occupied by Reg Nobel's Automotive Sales and contains vehicle maintenance/service garages.
- The property at 206065 Highway 26 (adjoining property to the west of the southwest corner of the Site - up-gradient) is currently occupied by Bayside Chrysler Dodge Jeep Ram and contains vehicle maintenance and

service garages. Historically, the property was occupied by Grey County Auto and Marine which contained vehicle maintenance/service garages and was listed as a hazardous waste generator of light fuels in 2019.

Based on the information obtained as part of this Phase I ESA, lead-based paints, PCBs, and asbestos were identified as being potentially present within the buildings. These special attention items are not considered to represent an issue of potential environmental concern provided they are managed in accordance with applicable environmental, health, and safety legislation. It is recommended that a designated substance survey (“DSS”) be completed to identify the presence of lead and other hazardous materials for the property.

6.1 Outstanding Information

At the time of preparation of this report, a regulatory response had not been received from the MECP. The absence of this information is unlikely to significantly alter the findings of this report based on the other sources of information that were available for review.

7.0 ASSESSOR QUALIFICATIONS

David Smyth, M.Sc., P.Geo., QPESA (Senior Reviewer), David is a Senior Hydrogeologist and Principal of Golder based in our Mississauga, Ontario office. David has over thirty years of direct relevant experience in all aspects of Environmental Site Assessments (ESAs) including Phase I and II ESAs, Site Remediation and Record of Site Condition filings. He has been involved in hundreds of Phase I and II ESAs for commercial/industrial properties including automotive service facilities, electronics manufacturing, plating facilities, warehouses, food manufacturers, mine sites, pulp and paper sites, printing facilities and chemical manufacturers. While Mr. Smyth's geographic experience extends across Canada, the majority of his relevant work has been in south central Ontario. Mr. Smyth is a registered Qualified Person for Environmental Site Assessments under Ontario Regulation 153/04.

Scott Patrick, M.Env.Sc. (Report Writer) - Scott Patrick is a junior environmental scientist and has over seven years of industry experience and four years of environmental consulting involvement with an emphasis on Phase I and Phase II Environmental Site Assessments, contaminated site remediation, and hydrogeological investigations. Scott has authored and conducted several CSA Phase I Environmental Site Assessment site visits throughout Ontario for clients in the manufacturing, infrastructure, real estate, and public sectors. Further, Scott has completed Phase One Environmental Site Assessments in accordance with the new standards for Phase One ESAs as described in Part VI and Schedule D of Ontario Regulation 153/04 (as amended) for industrial, commercial, and residential properties.

Derek Franceschini, E.I.T. (Site Assessor), is a Geotechnical Engineering Intern with experience primarily in foundation analysis and design. He has worked closely with Golder's senior engineering staff to provide comments on foundation design parameters. Most recently, however, Derek has been involved with environmental sampling operations for excess soil characterization for off site disposal as well as sampling for lightly contaminated sites. Derek's role in the project was to perform an inspection of the structures on site and collect representative samples of both the topsoil and underlying material across the site.

Christy Doolittle, Environmental Field Technician (Site Assessor) - Ms. Doolittle holds an advanced Environmental Technology diploma. Ms. Doolittle has two years experience in conducting Phase One and Phase Two Environmental Site Assessments, soil and groundwater investigation and site remediations.

8.0 CLOSURE

We trust the information presented in this report meets your current requirements. Should you have any questions or concerns, please do not hesitate to contact us

Signature Page

Golder Associates Ltd.



Scott Patrick, M.Env.Sc.
Junior Environmental Scientist



David Smyth, M.Sc., P.Geo., QPESA
Principal, Hydrogeologist

SP/NS/DS/CLG/cdr

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[https://golderassociates.sharepoint.com/sites/119006/project files/6 deliverables/phase i esa/19134070,rep 2020/02/20- phase i esa, 206105 highway 26, meaford, on- final.docx](https://golderassociates.sharepoint.com/sites/119006/project%20files/6%20deliverables/phase%20i%20esa/19134070,rep%202020%02%20-%20phase%20i%20esa,206105%20highway%2026,meaford,on-final.docx)

9.0 REFERENCES

The following documents and/or data were cited in this report:

Table 10: Sources of information

Source	Date
Canadian Standards Association Document Z768-01 (reaffirmed 2013), Phase I Environmental Site Assessment.	November 2001
Surficial Geology – Ontario Geological Survey. 2010. <i>Surficial Geology of Southern Ontario</i> . Ontario Geological Survey Map Miscellaneous Release – Data 128-REV. Scale 1:50,000.	2010
Bedrock – Ontario Geological Survey. 2011. <i>Bedrock Geology of Ontario</i> . Ontario Geological Survey Map Miscellaneous Release – Data 126 – Revision 1. Scale 1:250,000.	2011
Make a Map - Ministry of Natural Resources and Forestry	2019
Nearest Waterbody - <i>The Atlas of Canada</i> . Toporama Topographic Maps, reviewed online	2019
Insurance Records - Fire Insurance Plan (“FIP”), Property Underwriters’ Plans (“PUPs”) and Property Underwriter Reports (“PURs”).	November 2019
Regulatory Requests – Freedom of Information request made to the Ministry of Environment, Parks and Conservation	January 2020
Regulatory Requests – Request made with the Technical Standards & Safety Authority, Fuels Safety Division	January 2020
Environmental Databases – Standard database report, obtained by EcoLog Environmental Risk Information Services	November 21, 2019
Aerial Photographs- National Air Photo Library	1938, 1955, 1965, 1974, 1988, 1995
Google Earth™ Images, reviewed online	2010, 2019

10.0 LIMITATIONS

This report (the “Report”) was prepared for the exclusive use of M1 Development Inc. for the express purpose of providing advice with respect to the environmental condition of the Site. In evaluating the Site, Golder Associates Ltd. has relied in good faith on information provided by others as noted in the Report. We have assumed that the information provided is factual and accurate. We accept 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.

Any use which a third party makes of this Report, or any reliance on or decisions to be made based on it, are the sole responsibility of the third parties. If a third-party requests reliance on this Report, written authorization from Golder is required. Golder disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The scope and the period of Golder’s assessment are described in this Report, and are subject to restrictions, assumptions and limitations. Except as noted herein, the work was conducted in accordance with the scope of work and terms and conditions within Golder’s proposal. Distances and directions noted in this report were determined using mapping data of variable accuracy and should therefore be considered approximate. Golder did not perform a complete assessment of all possible conditions or circumstances that may exist at the site referenced in the Report. Conditions may therefore exist which were not detected given the limited nature of the assessment Golder was retained to undertake with respect to the Site and additional environmental studies and actions may be required. In addition, it is recognized that the passage of time affects the information provided in the Report. Golder’s opinions are based upon information considered at the time of the writing of the Report. It is understood that the services provided for in the scope of work allowed Golder to form no more than an opinion of the actual conditions at the Site at the time the site was visited and cannot be used to assess the effect of any subsequent changes in any laws, regulations, the environmental quality of the site or its surroundings. Asbestos and mould surveys were not performed. If a service is not expressly indicated, do not assume it has been provided.

The results of an assessment of this nature should in no way be construed as a warranty that the Site is free from any and all contamination from past or current practices.

Figures



LEGEND

- A** ON-SITE FEATURE
- 1** OFF-SITE FEATURE
- PHASE ONE STUDY AREA (250 M)**
- APPROXIMATE PHASE ONE PROPERTY**

ON-SITE FEATURES
A.RESIDENTIAL
B.GARAGE / SERVICE SHOP; GREEN BUILDING
C.FORMER HORSE STABLE AND GARAGE / SERVICE SHOP; WHITE BUILDING
D.GREY SHED
E.RED SHED
F.WHITE SHED

OFF-SITE FEATURES
1.206066 HIGHWAY 26 – REG NOBEL'S AUTOMOTIVE SALES
2.206065 HIGHWAY 26 – BAYSIDE CHRYSLER DODGE JEEP RAM AUTOMOTIVE DEALERSHIP

KEY MAP

SCALE 1:100,000

0 100 200 METRES

1:4,500

NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE.

REFERENCE(S)
BASE DATA - MNR LIO, OBTAINED 2019
PRODUCED BY GOLDER ASSOCIATES LTD UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES. © QUEENS PRINTER 2019
BASE IMAGERY SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGLOBE, IGN, AND THE GIS USER COMMUNITY
SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 17N

CLIENT
M1 DEVELOPMENT INC.

PROJECT
PHASE I ENVIRONMENTAL SITE ASSESSMENT
206105 HIGHWAY 26, MEAFORD, ONTARIO

TITLE
SITE PLAN

CONSULTANT	YYYY-MM-DD	2019-12-06
DESIGNED	STB	
PREPARED	STB	
REVIEWED	SP	
APPROVED		

GOLDER

PROJECT NO.	CONTROL	REV.	FIGURE
19134070	0001	A	1

APPENDIX A

Environmental Database Search Report



DATABASE REPORT

Project Property:	<i>LCDG Phase I ESA Meaford 206105 Highway 26 Meaford ON N4L 1W5</i>
Project No:	<i>19134070</i>
Report Type:	<i>Quote - Custom-Build Your Own Report</i>
Order No:	<i>20191119048</i>
Requested by:	<i>Golder Associates Ltd.</i>
Date Completed:	<i>November 21, 2019</i>

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

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Executive Summary

Property Information:

Project Property: LCDG Phase I ESA Meaford
206105 Highway 26 Meaford ON N4L 1W5

Project No: 19134070

Order Information:

Order No: 20191119048
Date Requested: November 19, 2019
Requested by: Golder Associates Ltd.
Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

City Directory Search CD - Subject Site plus 250m Radius
Insurance Products Fire Insurance Maps/Inspection Reports/Site Plans

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	1	1
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	1	0	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	4	4
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	10	10
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FED TANKS	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	1	1
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	9	9
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	1	1
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	3	4
Total:			2	29	31

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<u>1</u>	ECA	Cliff Thornton	Algonquin Dr Meaford ON N4L 1Y1	-/0.0	-1.00	<u>17</u>
<u>2</u>	WWIS		lot 19 con 6 ON <i>Well ID:</i> 2510535	-/0.0	-2.22	<u>17</u>

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	WWIS		lot 19 con 6 ON Well ID: 2502062	NNW/23.9	-10.07	20
4	WWIS		lot 19 con 6 ON Well ID: 2510536	NNE/30.4	-6.31	25
5	EHS		764 Sykes St Meaford ON	ESE/35.3	-1.98	27
6	EHS		RR#1, Highway 26, fire # 206065 Meaford ON	SW/68.6	3.05	28
7	CA	DON BUMSTEAD MOTORS LIMITED	LOT 19, CONC. 6 ST. VINCENT TWP. ON	SW/69.8	3.05	28
7	GEN	Grey County Auto Marine	206065 Highway 26 Meaford ON N4L1W5	SW/69.8	3.05	28
7	PRT	BUMSTEAD MOTORS LTD	MEAFORD ONT ON	SW/69.8	3.05	28
8	EXP	TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6RR 1 MEAFORD ON N4L 1W5	SSW/72.8	3.05	29
8	EXP	TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6 RR 1 MEAFORD ON N4L 1W5	SSW/72.8	3.05	29
8	EXP	TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6 RR 1 MEAFORD ON	SSW/72.8	3.05	29
8	EXP	TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6RR 1 MEAFORD ON N4L 1W5	SSW/72.8	3.05	29
8	EXP	TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6 RR 1 MEAFORD ON N4L 1W5	SSW/72.8	3.05	29

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>8</u>	EXP	TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6 RR 1 MEAFORD ON N4L 1W5	SSW/72.8	3.05	<u>30</u>
<u>8</u>	EXP	TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6 RR 1 MEAFORD ON	SSW/72.8	3.05	<u>30</u>
<u>8</u>	EXP	TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6 RR 1 MEAFORD ON	SSW/72.8	3.05	<u>30</u>
<u>8</u>	EXP	TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6RR 1 MEAFORD ON N4L 1W5	SSW/72.8	3.05	<u>30</u>
<u>8</u>	EXP	TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6 RR 1 MEAFORD ON N4L 1W5	SSW/72.8	3.05	<u>31</u>
<u>9</u>	PES	GEORGIAN BAY PEST CONTROL	113 ALGONQUIN DR, RR 1 MEAFORD ON N4L1W5	E/90.0	-9.22	<u>31</u>
<u>9</u>	PES	GEORGIAN BAY PEST CONTROL	RR 1, 113 ALGONQUIN DR MEAFORD ON N4L1W5	E/90.0	-9.22	<u>31</u>
<u>9</u>	PES	GEORGIAN BAY PEST CONTROL	113 ALGONQUIN DR, RR 3 MEAFORD ON N4L 0A7	E/90.0	-9.22	<u>32</u>
<u>9</u>	PES	GEORGIAN BAY PEST CONTROL	113 ALGONQUIN DR, RR 3 MEAFORD ON N4L 0A7	E/90.0	-9.22	<u>32</u>
<u>10</u>	PES	GEORGIAN BAY PEST CONTROL	113 ALGONQUIN DR, RR 3 MEAFORD ON N4L0A7	E/125.5	-10.12	<u>32</u>
<u>10</u>	PES	JOHN FIRTH WHITNEY FIRTH	113 Algonquin DR Meaford ON N4L 0A7	E/125.5	-10.12	<u>33</u>
<u>10</u>	PES	GEORGIAN BAY PEST CONTROL	113 ALGONQUIN DR, R R 3 MEAFORD ON N4L0A7	E/125.5	-10.12	<u>33</u>
<u>10</u>	PES	GEORGIAN BAY PEST CONTROL	113 ALGONQUIN DR, RR 3 MEAFORD ON N4L0A7	E/125.5	-10.12	<u>34</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>10</u>	PES	GEORGIAN BAY PEST CONTROL	113 ALGONQUIN DR, R R 3 MEAFORD ON N4L0A7	E/125.5	-10.12	<u>34</u>
<u>11</u>	EHS		848 Sykes Street North Meaford ON	S/161.2	-0.95	<u>34</u>
<u>12</u>	EHS		Pt of Block 34, Registered Plan No. 1087 Meaford ON	ESE/173.0	-7.56	<u>35</u>
<u>13</u>	WWIS		lot 20 con 6 ON Well ID: 2512739	N/214.8	-13.68	<u>35</u>

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 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>
DON BUMSTEAD MOTORS LIMITED	LOT 19, CONC. 6 ST. VINCENT TWP. ON	69.8	<u>7</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Oct 31, 2019 has found that there are 1 ECA 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>
Cliff Thornton	Algonquin Dr Meaford ON N4L 1Y1	0.0	<u>1</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2019 has found that there are 4 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>
	764 Sykes St Meaford ON	35.3	<u>5</u>
	RR#1, Highway 26, fire # 206065 Meaford ON	68.6	<u>6</u>
	848 Sykes Street North Meaford ON	161.2	<u>11</u>
	Pt of Block 34, Registered Plan No. 1087 Meaford ON	173.0	<u>12</u>

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

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 10 EXP 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>
TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6 RR 1 MEAFORD ON N4L 1W5	72.8	<u>8</u>
TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6RR 1 MEAFORD ON N4L 1W5	72.8	<u>8</u>
TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6 RR 1 MEAFORD ON	72.8	<u>8</u>
TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6 RR 1 MEAFORD ON	72.8	<u>8</u>
TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6 RR 1 MEAFORD ON N4L 1W5	72.8	<u>8</u>
TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6 RR 1 MEAFORD ON N4L 1W5	72.8	<u>8</u>
TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6RR 1 MEAFORD ON N4L 1W5	72.8	<u>8</u>
TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6 RR 1 MEAFORD ON	72.8	<u>8</u>
TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6 RR 1 MEAFORD ON N4L 1W5	72.8	<u>8</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TOWNLINE AUTOMOTIVE INC	206066 LOT 18 CON 6RR 1 MEAFORD ON N4L 1W5	72.8	<u>8</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2019 has found that there are 1 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>
Grey County Auto Marine	206065 Highway 26 Meaford ON N4L1W5	69.8	<u>7</u>

PES - Pesticide Register

A search of the PES database, dated 1988-Oct 2019 has found that there are 9 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>
GEORGIAN BAY PEST CONTROL	113 ALGONQUIN DR, RR 3 MEAFORD ON N4L 0A7	90.0	<u>9</u>
GEORGIAN BAY PEST CONTROL	RR 1, 113 ALGONQUIN DR MEAFORD ON N4L1W5	90.0	<u>9</u>
GEORGIAN BAY PEST CONTROL	113 ALGONQUIN DR, RR 1 MEAFORD ON N4L1W5	90.0	<u>9</u>
GEORGIAN BAY PEST CONTROL	113 ALGONQUIN DR, RR 3 MEAFORD ON N4L 0A7	90.0	<u>9</u>
GEORGIAN BAY PEST CONTROL	113 ALGONQUIN DR, RR 3 MEAFORD ON N4L0A7	125.5	<u>10</u>
GEORGIAN BAY PEST CONTROL	113 ALGONQUIN DR, R R 3 MEAFORD ON N4L0A7	125.5	<u>10</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
GEORGIAN BAY PEST CONTROL	113 ALGONQUIN DR, R R 3 MEAFORD ON N4L0A7	125.5	<u>10</u>
JOHN FIRTH WHITNEY FIRTH	113 Algonquin DR Meaford ON N4L 0A7	125.5	<u>10</u>
GEORGIAN BAY PEST CONTROL	113 ALGONQUIN DR, RR 3 MEAFORD ON N4L0A7	125.5	<u>10</u>

PRT - Private and Retail Fuel Storage Tanks

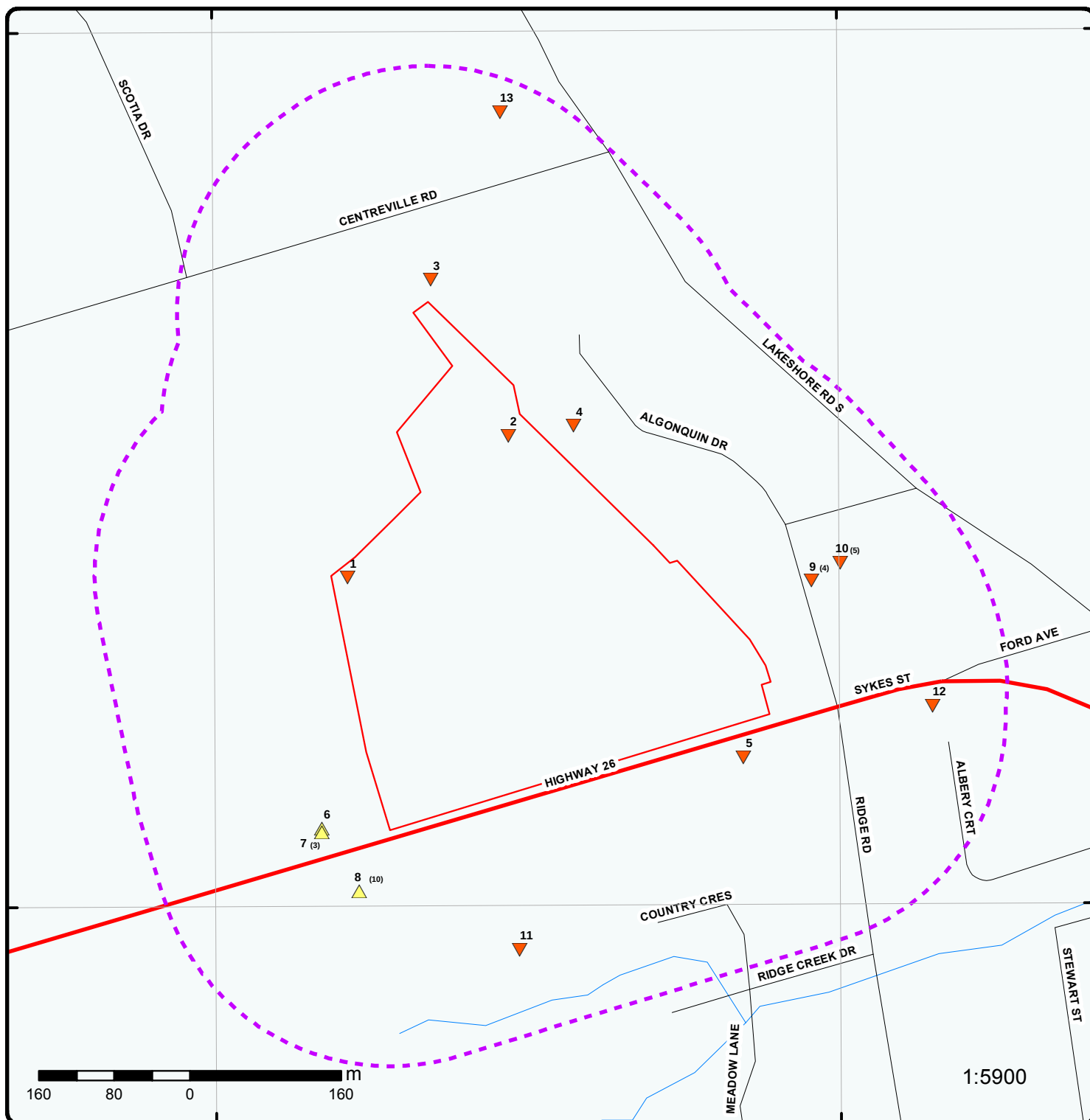
A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
BUMSTEAD MOTORS LTD	MEAFORD ONT ON	69.8	<u>7</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 4 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 19 con 6 ON <i>Well ID: 2510535</i>	0.0	<u>2</u>
	lot 19 con 6 ON <i>Well ID: 2502062</i>	23.9	<u>3</u>
	lot 19 con 6 ON <i>Well ID: 2510536</i>	30.4	<u>4</u>
	lot 20 con 6 ON <i>Well ID: 2512739</i>	214.8	<u>13</u>



Map : 0.25 Kilometer Radius

Order No: 20191119048

Address: 206105 Highway 26, Meaford, ON, N4L 1W5



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



Aerial (2014)

Address: 206105 Highway 26, Meaford, ON, N4L 1W5

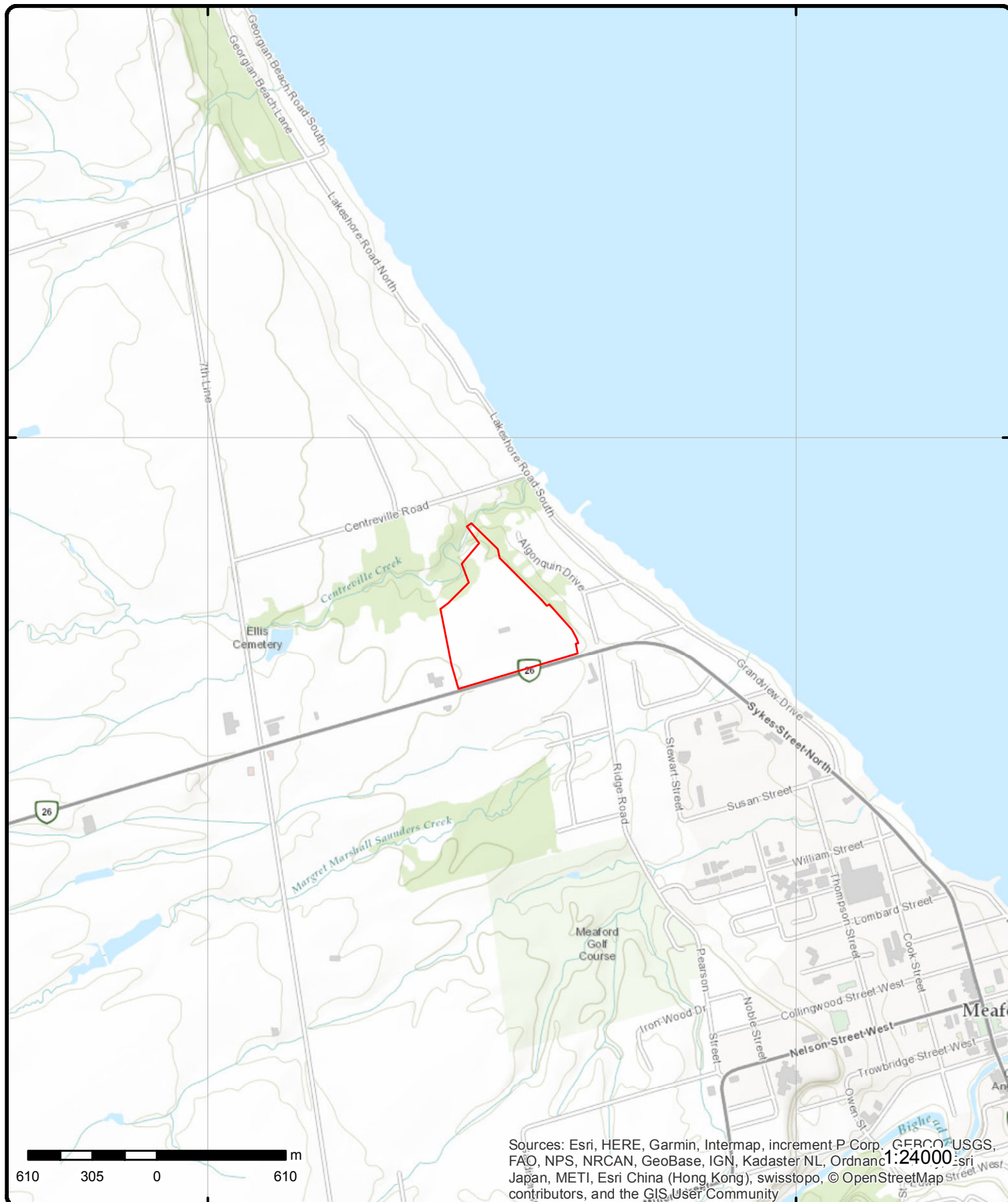
Source: ESRI World Imagery

Order No: 20191119048

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



© ERIS Information Limited Partnership



Topographic Map

Address: 206105 Highway 26, Meaford, ON, N4L 1W5

Source: ESRI World Topographic Map

Order No: 20191119048



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	-/0.0	195.9 / -1.00	Cliff Thornton Algonquin Dr Meaford ON N4L 1Y1	ECA
Approval No: 4376-4JBLSU Approval Date: 2000-04-12 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Grey Sauble Approval Type: ECA-Municipal and Private Water Works Project Type: Municipal and Private Water Works Address: Algonquin Dr Full Address: Full PDF Link: MOE District: Owen Sound City: Longitude: -80.6149 Latitude: 44.619800000000005 Geometry X: Geometry Y:					
2	1 of 1	-/0.0	194.7 / -2.22	lot 19 con 6 ON	WWIS
Well ID: 2510535 Construction Date: Primary Water Use: Not Used Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: 63369 Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: Data Entry Status: Data Src: 1 Date Received: 4/5/1990 Selected Flag: Yes Abandonment Rec: Contractor: 5505 Form Version: 1 Owner: Street Name: County: GREY Municipality: ST VINCENT TOWNSHIP Site Info: Lot: 019 Concession: 06 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
Bore Hole Information					
Bore Hole ID: 10134942 DP2BR: Spatial Status: Code OB: 0 Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 8/1/1989 Remarks: Elevrc Desc: Elevation: 195.684173 Elevrc: Zone: 17 East83: 530721.6 North83: 4940939 Org CS: UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: gps					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931381309			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		86			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931381311			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		111			
Formation End Depth:		113			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931381310			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		86			
Formation End Depth:		111			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10683512				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930227919				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	104				
Casing Diameter:	5				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	933338199				
Layer:	1				
Slot:	18				
Screen Top Depth:	106				
Screen End Depth:	110				
Screen Material:					
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	4				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	992510535				
Pump Set At:					
Static Level:	40				
Final Level After Pumping:	89				
Recommended Pump Depth:	100				
Pumping Rate:	5				
Flowing Rate:					
Recommended Pump Rate:	3				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	2				
Pumping Duration HR:	1				
Pumping Duration MIN:	30				
Flowing:	N				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934441488				
Test Type:	Recovery				
Test Duration:	30				
Test Level:	52				
Test Level UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934962408			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		48			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934701787			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		49			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934157361			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		60			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933587120			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		111			
Water Found Depth UOM:		ft			
<u>3</u>	1 of 1	NNW/23.9	186.9 / -10.07	lot 19 con 6 ON	WWIS
Well ID:	2502062			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Livestock			Date Received:	3/18/1948
Sec. Water Use:	Domestic			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3560
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	GREY
Elevation (m):				Municipality:	ST VINCENT TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	019
Well Depth:				Concession:	06
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10127411			Elevation:	187.05725
DP2BR:	50			Elevrc:	
Spatial Status:				Zone:	17

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB:	V			East83:	530639.6
Code OB Desc:	Overburden below Bedrock			North83:	4941104
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	10/30/1947			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931350140			
Layer:		8			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		110			
Formation End Depth:		160			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931350136			
Layer:		4			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		59			
Formation End Depth:		85			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931350133			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		50			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931350135			
Layer:		3			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		52			
Formation End Depth:		59			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931350141			
Layer:		9			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
Other Materials:					
Formation Top Depth:		160			
Formation End Depth:		240			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931350138			
Layer:		6			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		87			
Formation End Depth:		100			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931350134			
Layer:		2			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		50			
Formation End Depth:		52			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931350139			
Layer:		7			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		100			
Formation End Depth:		110			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931350137			
Layer:		5			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		85			
Formation End Depth:		87			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931350142			
Layer:		10			
Color:					
General Color:					
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		240			
Formation End Depth:		263			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10675981			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930214276			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		263			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992502062			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:		3			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933577541			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		85			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933577542			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		245			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	NNE/30.4	190.6 / -6.31	lot 19 con 6 ON	WWIS
Well ID: 2510536 Construction Date: Primary Water Use: Not Used Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: 63368 Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: Data Entry Status: Data Src: 1 Date Received: 4/5/1990 Selected Flag: Yes Abandonment Rec: Contractor: 5505 Form Version: 1 Owner: Street Name: County: GREY Municipality: ST VINCENT TOWNSHIP Site Info: Lot: 019 Concession: 06 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10134943 DP2BR: Spatial Status: Code OB: 0 Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 7/31/1989 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Elevation: 192.64006 Elevrc: Zone: 17 East83: 530790.6 North83: 4940949 Org CS: UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: gps					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 931381312 Layer: 1 Color: 6 General Color: BROWN Mat1: 05 Most Common Material: CLAY Mat2: 12 Other Materials: STONES Mat3: Other Materials: Formation Top Depth: 0 Formation End Depth: 3 Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 931381314					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		29			
Other Materials:		FINE GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		45			
Formation End Depth:		62			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931381313			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		3			
Formation End Depth:		45			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10683513			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930227920			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		55			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		933338200			
Layer:		1			
Slot:		14			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Top Depth:		55			
Screen End Depth:		60			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		4			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992510536			
Pump Set At:					
Static Level:		37			
Final Level After Pumping:		55			
Recommended Pump Depth:		55			
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:		2			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		30			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934441489			
Test Type:					
Test Duration:		30			
Test Level:		37			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934157362			
Test Type:					
Test Duration:		15			
Test Level:		38			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933587121			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			

5	1 of 1	ESE/35.3	195.0 / -1.98	764 Sykes St Meaford ON	EHS
Order No:	20121203035			Nearest Intersection:	
Status:	C			Municipality:	Meaford
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	12-DEC-12			Search Radius (km):	.25
Date Received:	03-DEC-12			X:	-80.609634
Previous Site Name:				Y:	44.618073
Lot/Building Size:					
Additional Info Ordered:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	1 of 1	SW/68.6	200.0 / 3.05	RR#1, Highway 26, fire # 206065 Meaford ON	EHS
Order No: 20060127033 Status: C Report Type: Complete Report Report Date: 2/7/2006 Date Received: 1/27/2006 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Town of Meaford Client Prov/State: ON Search Radius (km): 0.5 X: -80.615261 Y: 44.617411			
7	1 of 3	SW/69.8	200.0 / 3.05	DON BUMSTEAD MOTORS LIMITED LOT 19, CONC. 6 ST. VINCENT TWP. ON	CA
Certificate #: 8-1093-95- Application Year: 95 Issue Date: 6/14/1995 Approval Type: Industrial air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: WASTE OIL FURNACE MODEL CB-3500 Contaminants: Nitrogen Oxides, Suspended Particulate Matter, Sulphur Dioxide Emission Control:					
7	2 of 3	SW/69.8	200.0 / 3.05	Grey County Auto Marine 206065 Highway 26 Meaford ON N4L1W5	GEN
Generator No: ON3703835 Status: Registered Approval Years: As of Jul 2019 Contam. Facility: MHSW Facility: SIC Code: SIC Description:		PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:			
Detail(s)					
Waste Class: 221 L Waste Class Desc: Light fuels					
7	3 of 3	SW/69.8	200.0 / 3.05	BUMSTEAD MOTORS LTD MEAFORD ONT ON	PRT
Location ID: 8682 Type: private Expiry Date: 1993-05-30 Capacity (L): 0.00 Licence #: 0037497001					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>8</u>	1 of 10	SSW/72.8	200.0 / 3.05	TOWNLINE AUTOMOTIVE INC 206066 LOT 18 CON 6RR 1 MEAFORD ON N4L 1W5	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10980024 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 3/1/2000			
<u>8</u>	2 of 10	SSW/72.8	200.0 / 3.05	TOWNLINE AUTOMOTIVE INC 206066 LOT 18 CON 6 RR 1 MEAFORD ON N4L 1W5	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10980004 FS Liquid Fuel Tank EXPIRED 3/1/2000			
<u>8</u>	3 of 10	SSW/72.8	200.0 / 3.05	TOWNLINE AUTOMOTIVE INC 206066 LOT 18 CON 6 RR 1 MEAFORD ON	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10980049 58243 FS Piping FS Piping EXPIRED 3/1/2000			
<u>8</u>	4 of 10	SSW/72.8	200.0 / 3.05	TOWNLINE AUTOMOTIVE INC 206066 LOT 18 CON 6RR 1 MEAFORD ON N4L 1W5	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10980004 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 3/1/2000			
<u>8</u>	5 of 10	SSW/72.8	200.0 / 3.05	TOWNLINE AUTOMOTIVE INC 206066 LOT 18 CON 6 RR 1	EXP

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				MEAFORD ON N4L 1W5	
Instance No:		9828840			
Instance ID:					
Instance Type:		FS Facility			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		3/1/2000			
8	6 of 10	SSW/72.8	200.0 / 3.05	TOWNLINE AUTOMOTIVE INC 206066 LOT 18 CON 6 RR 1 MEAFORD ON N4L 1W5	EXP
Instance No:		10980041			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		3/1/2000			
8	7 of 10	SSW/72.8	200.0 / 3.05	TOWNLINE AUTOMOTIVE INC 206066 LOT 18 CON 6 RR 1 MEAFORD ON	EXP
Instance No:		10980034			
Instance ID:		58670			
Instance Type:		FS Piping			
Description:		FS Piping			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
8	8 of 10	SSW/72.8	200.0 / 3.05	TOWNLINE AUTOMOTIVE INC 206066 LOT 18 CON 6 RR 1 MEAFORD ON	EXP
Instance No:		10980013			
Instance ID:		59058			
Instance Type:		FS Piping			
Description:		FS Piping			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
8	9 of 10	SSW/72.8	200.0 / 3.05	TOWNLINE AUTOMOTIVE INC 206066 LOT 18 CON 6RR 1 MEAFORD ON N4L 1W5	EXP

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 10980041 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 3/1/2000					
8	10 of 10	SSW/72.8	200.0 / 3.05	TOWNLINE AUTOMOTIVE INC 206066 LOT 18 CON 6 RR 1 MEAFORD ON N4L 1W5	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 10980024 FS Liquid Fuel Tank EXPIRED 3/1/2000					
9	1 of 4	E/90.0	187.7 / -9.22	GEORGIAN BAY PEST CONTROL 113 ALGONQUIN DR, RR 1 MEAFORD ON N4L1W5	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link: Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name: Operator					
9	2 of 4	E/90.0	187.7 / -9.22	GEORGIAN BAY PEST CONTROL RR 1, 113 ALGONQUIN DR MEAFORD ON N4L1W5	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator 02					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:				Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	
9	3 of 4	E/90.0	187.7 / -9.22	GEORGIAN BAY PEST CONTROL 113 ALGONQUIN DR, RR 3 MEAFORD ON N4L 0A7	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:	Operator			Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	
9	4 of 4	E/90.0	187.7 / -9.22	GEORGIAN BAY PEST CONTROL 113 ALGONQUIN DR, RR 3 MEAFORD ON N4L 0A7	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:	Operator			Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	
10	1 of 5	E/125.5	186.8 / -10.12	GEORGIAN BAY PEST CONTROL 113 ALGONQUIN DR, RR 3 MEAFORD ON N4L0A7	PES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Detail Licence No: Licence No: 04116 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Operator Licence Type Code: 01 Licence Class: 05 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link: Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 888 Oper Phone No: 3892242 Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:					
10	2 of 5	E/125.5	186.8 / -10.12	JOHN FIRTH WHITNEY FIRTH 113 Algonquin DR Meaford ON N4L 0A7	PES
Detail Licence No: Licence No: L-240-1039647436 Status: Active Approval Date: 2019-02-14 Report Source: PEST-Operator Licence Type: Operator Licence Type Code: Licence Class: Licence Control: Latitude: 44.62 Longitude: -80.60833333 Lot: Concession: Region: District: County: Trade Name: PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2126909 Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: Owen Sound SWP Area Name: Grey Sauble					
10	3 of 5	E/125.5	186.8 / -10.12	GEORGIAN BAY PEST CONTROL 113 ALGONQUIN DR, R R 3 MEAFORD ON N4L0A7	PES
Detail Licence No: Licence No: 10023 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Operator Licence Type Code: 02 Licence Class: 01 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 888 Oper Phone No: 3892242 Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Trade Name: PDF Link:					
10	4 of 5	E/125.5	186.8 / -10.12	GEORGIAN BAY PEST CONTROL 113 ALGONQUIN DR, RR 3 MEAFORD ON N4L0A7	PES
Detail Licence No: 02-01-04116-0		Licence No: 04116		Operator Box:	
Status:		Approval Date:		Operator Class:	
Report Source:		Report Source: Legacy Licenses (Excluding TS)		Operator No: 4116	
Licence Type:		Licence Type: Operator		Operator Type:	
Licence Type Code: 02		Licence Class: 01		Oper Area Code: 888	
Licence Control: 0		Latitude:		Oper Phone No: 3892242	
Longitude:		Lot:		Operator Ext:	
Concession:		Region: 1		Operator Lot:	
District:		County: 25		Oper Concession:	
Trade Name:		PDF Link:		Operator Region: 1	
				Operator District:	
				Operator County: 25	
				Op Municipality:	
				Post Office Box:	
				MOE District:	
				SWP Area Name:	
10	5 of 5	E/125.5	186.8 / -10.12	GEORGIAN BAY PEST CONTROL 113 ALGONQUIN DR, R R 3 MEAFORD ON N4L0A7	PES
Detail Licence No:		Licence No: 06665		Operator Box:	
Status:		Approval Date:		Operator Class:	
Report Source:		Report Source: Legacy Licenses (Excluding TS)		Operator No:	
Licence Type:		Licence Type: Operator		Operator Type:	
Licence Type Code: 02		Licence Class: 01		Oper Area Code: 888	
Licence Control:		Latitude:		Oper Phone No: 3892242	
Longitude:		Lot:		Operator Ext:	
Concession:		Region:		Operator Lot:	
District:		County:		Oper Concession:	
Trade Name:		PDF Link:		Operator Region:	
				Operator District:	
				Operator County:	
				Op Municipality:	
				Post Office Box:	
				MOE District:	
				SWP Area Name:	
11	1 of 1	S/161.2	196.0 / -0.95	848 Sykes Street North Meaford ON	EHS
Order No: 20140402024		Status: C		Nearest Intersection:	
Report Type: Standard Report		Report Date: 11-APR-14		Municipality: Meaford	
Date Received: 02-APR-14		Previous Site Name:		Client Prov/State: ON	
Lot/Building Size: 15ha		Additional Info Ordered:		Search Radius (km): .25	
				X: -80.612633	
				Y: 44.616247	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	1 of 1	ESE/173.0	189.4 / -7.56	Pt of Block 34, Registered Plan No. 1087 Meaford ON	EHS
Order No:	20050728016			Nearest Intersection:	Albery Court and Sykes Street
Status:	C			Municipality:	Meaford
Report Type:	Basic Report			Client Prov/State:	ON
Report Date:	8/9/2005			Search Radius (km):	0.25
Date Received:	7/28/2005			X:	-80.607104
Previous Site Name:				Y:	44.618553
Lot/Building Size:	Approx 2 acres				
Additional Info Ordered:					
13	1 of 1	N/214.8	183.3 / -13.68	lot 20 con 6 ON	WWIS
Well ID:	2512739			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	2/10/1995
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1565
Casing Material:				Form Version:	1
Audit No:	131905			Owner:	
Tag:				Street Name:	
Construction Method:				County:	GREY
Elevation (m):				Municipality:	ST VINCENT TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	020
Well Depth:				Concession:	06
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10136137			Elevation:	184.202789
DP2BR:				Elevrc:	
Spatial Status:	Improved			Zone:	17
Code OB:	0			East83:	530713
Code OB Desc:	Overburden			North83:	4941281
Open Hole:				Org CS:	N83
Cluster Kind:				UTMRC:	3
Date Completed:	12/1/1994			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:	1999-2004 MOE Water Well Data Improvement Project				
Improvement Location Method:	GIS				
Source Revision Comment:	Northing and/or Easting field has been changed. Reasonably sure well location matches sketch map (similar features).approx using similar features				
Supplier Comment:	Determined to be an improvement rather than a Lot Centroid in December 2009.				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931386824				
Layer:	5				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		114			
Formation End Depth:		140			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931386821			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		54			
Formation End Depth:		80			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931386823			
Layer:		4			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		85			
Formation End Depth:		114			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931386820			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		12			
Other Materials:		STONES			
Formation Top Depth:		0			
Formation End Depth:		54			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931386822			
Layer:		3			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
Other Materials:					
Formation Top Depth:		80			
Formation End Depth:		85			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10684707			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930230136			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		140			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930230135			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		78			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992512739			
Pump Set At:					
Static Level:		13			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Level After Pumping:		20			
Recommended Pump Depth:		55			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		72			
Pumping Duration MIN:		0			
Flowing:		N			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934705079			
Test Type:					
Test Duration:		45			
Test Level:		20			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934168851			
Test Type:					
Test Duration:		15			
Test Level:		20			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934956465			
Test Type:					
Test Duration:		60			
Test Level:		20			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934444853			
Test Type:					
Test Duration:		30			
Test Level:		20			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933588808			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		78			
Water Found Depth UOM:		ft			

Unplottable Summary

Total: **32** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	MEAFORD TOWN	SEW.PUMP STN.#3/SYKES STREET	MEAFORD TOWN ON	
CA	MEAFORD TOWN	SYKES ST.	MEAFORD TOWN ON	
CA		Sykes Street Sanitary Sewer Replacement	Meaford ON	
CA		Sykes Street Watermain Replacement	Meaford ON	
CA	The Corporation of the Municipality of Meaford	Sykes St	Meaford ON	
CA	The Corporation of the Municipality of Meaford	Albery Court	Meaford ON	
CA		Algonquin Drive	St. Vincent ON	
CONV	ERIE SHORES INC. (PEST CONTROL)		ON	
EBR	Gerry Weinberg and the Niagara Escarpment Commission	Lot 19, Concession 6 (Gerry Weinberg) Part Lot 18, Concession 5 (NEC) Part Lot 19, Concession 5 (NEC) Part Lot 21, Concession 5 (NEC) COUNTY OF GREY EUPHRASIA	MUNICIPALITY OF GREY HIGHLANDS ON	
EHS		Hwy 26	Meaford ON	
FOFT		Meaford	ON	
FOFT		Meaford SAR	ON	
FOFT		Meaford	ON	
GEN	Hydro One Networks Inc	Meaford Distribution Station County Rd 7	Meaford ON	N4L 1W5
GEN	Henderson Paddon & Associates	Lots 1259-1264, Registered Plan 309, Meaford Former Globe Woolen Mills Site, Sykes Street	Meaford ON	N4L 1P4
PES	ORMSBY'S GARDEN CENTRE	RR 4, HWY 26	MEAFORD ON	N4L1W7
PES	ORMSBY'S GARDEN CENTRE	RR 4, HWY 26	MEAFORD ON	N4L 1W7

PES	NATIONAL GROCERS CO. LTD.	HIGHWAY 26 EAST	MEAFORD ON	N0H1Y0
PES	BILL'S VALU-MART / 1590036 ONTARIO LIMITED	HWY 26, EAST	MEAFORD ON	N4L1W7
PES	MILLER'S VALU-MART	HIGHWAY 26	MEAFORD ON	N0H 1Y0
PES	BLUE MOUNTAIN PEST CONTROL	PO BOX 3215	MEAFORD ON	N4L1A5
PES	1576668 ONTARIO LIMITED O/A JIM'S VALU MART	RR 4, STN MAIN, HIGHWAY 26 EAST	MEAFORD ON	N4L1W7
PES	MILLER'S VALU-MART	HIGHWAY 26	MEAFORD ON	N0H1Y0
PES	BLUE MOUNTAIN PEST CONTROL	PO BOX 3215	MEAFORD ON	N4L1A5
PRT	MEAFORD GAS BAR	LOT 18 CON 6	ST VINCENT ON	
PRT	MEAFORD GAS BAR	LOT 18 CON 6	ST VINCENT ON	
PRT	VELMA E ALMAS	LOT 19 CON 8 HWY 26	MEAFORD ON	
RST	MEAFORD GAS BAR	HWY 26	MEAFORD ON	N0H 1Y0
SPL	UNKNOWN	MEAFORD	GEORGIAN HIGHLANDS TOWN ON	
SPL	TRANSPORT TRUCK	HWY 26 AT BAYVIEW HILL. MOTOR VEHICLE (OPERATING FLUID)	ST. VINCENT TOWNSHIP ON	
SPL	The Corporation of the Municipality of Meaford	Meaford	Meaford ON	N4L 1M4
WWIS		lot 19 con 6	ON	

Unplottable Report

Site: MEAFORD TOWN
SEW.PUMP STN.#3/SYKES STREET MEAFORD TOWN ON

Database:
CA

Certificate #: 3-1592-94-
Application Year: 94
Issue Date: 1/10/1995
Approval Type: Municipal sewage
Status: Approved in 1995
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: MEAFORD TOWN
SYKES ST. MEAFORD TOWN ON

Database:
CA

Certificate #: 3-1045-87-
Application Year: 87
Issue Date: 9/4/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site:
Sykes Street Sanitary Sewer Replacement Meaford ON

Database:
CA

Certificate #: 8131-59XRL7
Application Year: 02
Issue Date: 5/8/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the Municipality of Meaford
Client Address: 12 Nelson Street East
Client City: Meaford
Client Postal Code: N4L 1A1
Project Description: This application is for approval to install sanitary sewers on Sykes Street.
Contaminants:
Emission Control:

Site:
Sykes Street Watermain Replacement Meaford ON

Database:
CA

Certificate #: 5996-59XRU5

Application Year: 02
Issue Date: 5/8/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the Municipality of Meaford
Client Address: 12 Nelson Street East
Client City: Meaford
Client Postal Code: N4L 1A1
Project Description: This application is for approval to install watermain on Sykes Street.
Contaminants:
Emission Control:

Site: *The Corporation of the Municipality of Meaford*
Sykes St Meaford ON

Database:
CA

Certificate #: 3440-74YJPZ
Application Year: 2007
Issue Date: 7/10/2007
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: *The Corporation of the Municipality of Meaford*
Albery Court Meaford ON

Database:
CA

Certificate #: 5556-5MGSH9
Application Year: 2003
Issue Date: 5/15/2003
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: *Algonquin Drive St. Vincent ON*

Database:
CA

Certificate #: 4376-4JBLSU
Application Year: 00
Issue Date: 4/12/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Cliff Thornton
Client Address: 8-24 Trowbridge Street West
Client City: Meaford
Client Postal Code: N4L 1Y1
Project Description: Connect to and extend existing 150 mm watermain on Algonquin Drive approximately 337 metres northerly to cul-de-sac.
Contaminants:
Emission Control:

Site: ERIE SHORES INC. (PEST CONTROL)
ON

Database:
CONV

File No:
Crown Brief No: 01-0186-0178
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: DISCHARGING A PESTICIDE INTO THE NATURAL ENVIRONMENT THAT CAUSED DAMAGE TO PROPERTY.
Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: PA
Regulation:
Section: 4 (B)
Act/Regulation/Section: PA- -4 (B)
Date of Offence:
Date of Conviction:
Date Charged: 10/2/02
Charge Disposition: SUSPENDED SENTENCE
Fine: \$5,000.00
Synopsis:

Site: Gerry Weinberg and the Niagara Escarpment Commission
Lot 19, Concession 6 (Gerry Weinberg) Part Lot 18, Concession 5 (NEC) Part Lot 19, Concession 5 (NEC) Part Lot 21, Concession 5 (NEC) COUNTY OF GREY EUPHRASIA MUNICIPALITY OF GREY HIGHLANDS ON

Database:
EBR

EBR Registry No: 011-1790
Ministry Ref No: MNR INST 75/10
Notice Type: Instrument Decision
Notice Stage: 803704373
Notice Date: February 06, 2014
Proposal Date: November 26, 2010
Year: 2010
Instrument Type: (NEPDA s. 10 (11)) - Approval of an amendment to the Niagara Escarpment Plan
Off Instrument Name:
Posted By:
Company Name: Gerry Weinberg and the Niagara Escarpment Commission
Site Address:
Location Other:
Proponent Name:
Proponent Address: 99 King Street East, Thornbury Ontario, Canada N0H 2P0
Comment Period:
URL:

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

Site Location Details:

Lot 19, Concession 6 (Gerry Weinberg) Part Lot 18, Concession 5 (NEC) Part Lot 19, Concession 5 (NEC) Part Lot 21, Concession 5 (NEC) COUNTY OF GREY EUPHRASIA MUNICIPALITY OF GREY HIGHLANDS

Site:

Database:
EHS

Hwy 26 Meaford ON

Order No: 20090721036
Status: C
Report Type: Custom Report
Report Date: 7/30/2009
Date Received: 7/21/2009
Previous Site Name:
Lot/Building Size: Lot 11/ Lot 12
Additional Info Ordered: Fire Insur. Maps and/or Sire Plans

Nearest Intersection: Hwy 26 and 3 Line
Municipality: Grey County
Client Prov/State: ON
Search Radius (km): 0.25
X: -80.554476
Y: 1

Site:
Meaford ON

Database:
FOFT

System No.:	1	Installation Year:	1993
Tank System ID:		Tank Location:	UST
EC No:		Tank Capacity(L):	4500
Facility Type:	Small Craft Harbour	Storage Sys. Cap(L):	4500
Location Latitude:		Petrol Prod. Stored:	Gasoline
Location Longitude:		Operator:	Cliff Richardson
Collection Name:			
Address:			
Owner:	Cliff Richardson		
Owner Address:	103 Bayfield Street, Meaford Ontario		
Land Owner:	DFO		

Site:
Meaford SAR ON

Database:
FOFT

System No.:	1	Installation Year:	1993
Tank System ID:		Tank Location:	AST
EC No:		Tank Capacity(L):	11000
Facility Type:	SAR	Storage Sys. Cap(L):	11000
Location Latitude:		Petrol Prod. Stored:	Diesel
Location Longitude:		Operator:	DFO
Collection Name:			
Address:			
Owner:	DFO		
Owner Address:	200 Kent		
Land Owner:	DFO		

Site:
Meaford ON

Database:
FOFT

System No.:	2	Installation Year:	1993
Tank System ID:		Tank Location:	UST
EC No:		Tank Capacity(L):	4500
Facility Type:	Small Craft Harbour	Storage Sys. Cap(L):	4500
Location Latitude:		Petrol Prod. Stored:	Diesel
Location Longitude:		Operator:	Cliff Richardson
Collection Name:			
Address:			
Owner:	Cliff Richardson		
Owner Address:	103 Bayfield Street, Meaford Ontario		
Land Owner:	DFO		

Site: **Hydro One Networks Inc**
Meaford Distribution Station County Rd 7 Meaford ON N4L 1W5

Database:
GEN

Generator No:	ON4920228	PO Box No:	
Status:		Country:	
Approval Years:	2010	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	221122		
SIC Description:	Electric Power Distribution		

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

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

Site: **Henderson Paddon & Associates**
Lots 1259-1264, Registered Plan 309, Meaford Former Globe Woolen Mills Site, Sykes Street Meaford ON N4L 1P4

Database:
GEN

Generator No: ON1718724
Status:
Approval Years: 04
Contam. Facility:
MHSW Facility:
SIC Code: 541330
SIC Description: Engineering Services

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Site: **ORMSBY'S GARDEN CENTRE**
RR 4, HWY 26 MEAFORD ON N4L1W7

Database:
PES

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type:
Licence Type Code:
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF Link:

Operator Box:
Operator Class:
Operator No:
Operator Type: Vendor
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: **ORMSBY'S GARDEN CENTRE**
RR 4, HWY 26 MEAFORD ON N4L 1W7

Database:
PES

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Vendor
Licence Type Code:
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF Link:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: NATIONAL GROCERS CO. LTD.
HIGHWAY 26 EAST MEAFORD ON N0H1Y0

Database:
[PES](#)

Detail Licence No:
Licence No: 10726
Status:
Approval Date:
Report Source: Legacy Licenses (Excluding TS)
Licence Type: Retail Vendor Class 03
Licence Type Code: 21
Licence Class: 03
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF Link:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code: 519
Oper Phone No: 5383230
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: BILL'S VALU-MART / 1590036 ONTARIO LIMITED
HWY 26, EAST MEAFORD ON N4L1W7

Database:
[PES](#)

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Limited Vendor
Licence Type Code: 23
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF Link:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: MILLER'S VALU-MART
HIGHWAY 26 MEAFORD ON N0H 1Y0

Database:
[PES](#)

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Vendor
Licence Type Code:
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF Link:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: BLUE MOUNTAIN PEST CONTROL
PO BOX 3215 MEAFORD ON N4L1A5

Database:
PES

Detail Licence No: 02-01-06287-0
Licence No: 06287
Status:
Approval Date:
Report Source:
Licence Type: OPERATOR
Licence Type Code: 02
Licence Class: 01
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF Link:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code: 705
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: 1576668 ONTARIO LIMITED O/A JIM'S VALU MART
RR 4, STN MAIN, HIGHWAY 26 EAST MEAFORD ON N4L1W7

Database:
PES

Detail Licence No: 23-01-12506-0
Licence No: 12506
Status:
Approval Date:
Report Source: Legacy Licenses (Excluding TS)
Licence Type: Limited Vendor
Licence Type Code: 23
Licence Class: 01
Licence Control: 0
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF Link:

Operator Box:
Operator Class:
Operator No: 12506
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region: 1
Operator District:
Operator County: 25
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: MILLER'S VALU-MART
HIGHWAY 26 MEAFORD ON N0H1Y0

Database:
PES

Detail Licence No:
Licence No: 10126
Status:
Approval Date:
Report Source: Legacy Licenses (Excluding TS)
Licence Type: Retail Vendor Class 03
Licence Type Code: 21
Licence Class: 03
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:

Operator Box: 818
Operator Class:
Operator No:
Operator Type:
Oper Area Code: 519
Oper Phone No: 5383230
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Trade Name:
PDF Link:

Site: BLUE MOUNTAIN PEST CONTROL
PO BOX 3215 MEAFORD ON N4L1A5

Database:
[PES](#)

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Operator
Licence Type Code:
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF Link:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: MEAFORD GAS BAR
LOT 18 CON 6 ST VINCENT ON

Database:
[PRT](#)

Location ID: 14019
Type: retail
Expiry Date: 1994-12-31
Capacity (L): 2000
Licence #: 0034215001

Site: MEAFORD GAS BAR
LOT 18 CON 6 ST VINCENT ON

Database:
[PRT](#)

Location ID: 14019
Type: retail
Expiry Date: 1995-05-31
Capacity (L): 59050
Licence #: 0051707001

Site: VELMA E ALMAS
LOT 19 CON 8 HWY 26 MEAFORD ON

Database:
[PRT](#)

Location ID: 8679
Type: retail
Expiry Date: 1995-09-30
Capacity (L): 0
Licence #: 0049848001

Site: MEAFORD GAS BAR
HWY 26 MEAFORD ON N0H 1Y0

Database:
[RST](#)

Headcode: 1186800
Headcode Desc: Service Stations-Gasoline, Oil & Natural Gas
Phone: 5195381441
List Name:
Description:

Site: UNKNOWN
MEAFORD GEORGIAN HIGHLANDS TOWN ON

Database:
SPL

Ref No:	198062	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	4/11/2001	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	UNKNOWN	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Possible	Site Municipality:	47406
Nature of Impact:	Water course or lake	Site Lot:	
Receiving Medium:	Water	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	4/11/2001	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	UNKNOWN SOURCE MOTOR OIL MAIN HARBOUR		
Contaminant Qty:			

Site: TRANSPORT TRUCK
HWY 26 AT BAYVIEW HILL. MOTOR VEHICLE (OPERATING FLUID) ST. VINCENT TOWNSHIP ON

Database:
SPL

Ref No:	122636	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	1/17/1996	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CONTAINER LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	47613
Nature of Impact:	Multi Media Pollution	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	MTO,OPP,FD.
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	1/17/1996	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	ERROR	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TRANSPORT TRUCK-900 L DIESEL TO DITCH,OPP,FD AND MTO ONSITE.		
Contaminant Qty:			

Site: The Corporation of the Municipality of Meaford
Meaford Meaford ON N4L 1M4

Database:
SPL

Ref No:	3785-73VTZ7	Discharger Report:	
Site No:		Material Group:	Waste
Incident Dt:		Health/Env Conseq:	

Year:		Client Type:	
Incident Cause:	Other Discharges	Sector Type:	Sewage Treatment
Incident Event:		Agency Involved:	
Contaminant Code:	44	Nearest Watercourse:	
Contaminant Name:	SEWAGE,RAW UNCHLORINATED	Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Meaford
Nature of Impact:	Soil Contamination	Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	
MOE Response:	Planned Field Response	Easting:	
Dt MOE Arvl on Scn:	6/7/2007	Site Geo Ref Accu:	
MOE Reported Dt:	6/5/2007	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:		Source Type:	
Site Name:	226 Collingwood Street West<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Meaford: manhole overflow, 30 gal sewage to ditch		
Contaminant Qty:	112 L		

Site: lot 19 con 6 ON **Database:**
WWIS

Well ID:	2511952	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/25/1992
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1565
Casing Material:		Form Version:	1
Audit No:	122626	Owner:	
Tag:		Street Name:	
Construction Method:		County:	GREY
Elevation (m):		Municipality:	ST VINCENT TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	019
Well Depth:		Concession:	06
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003647789	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	8/30/1990	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 1003681719
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 30
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 1003681720
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 30
Formation End Depth: 49
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 1003681721
Layer: 3
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 49
Formation End Depth: 79
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID: 1003651126
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003662675
Layer: 2
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 79
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 1003659868
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 75
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1003652528
Layer: 1
Slot: 016
Screen Top Depth: 75
Screen End Depth: 79
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 5

Results of Well Yield Testing

Pump Test ID: 992511952
Pump Set At:
Static Level: 5
Final Level After Pumping: 44
Recommended Pump Depth: 60
Pumping Rate: 3
Flowing Rate:
Recommended Pump Rate: 4
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 15
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1003672738
Test Type:
Test Duration: 15
Test Level: 25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003671993
Test Type:
Test Duration: 45
Test Level: 32
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003671654
Test Type:
Test Duration: 60
Test Level: 34
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003672368
Test Type:
Test Duration: 30
Test Level: 30
Test Level UOM: ft

Water Details

Water ID: 1003654671
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 75
Water Found Depth UOM: ft

Water Details

Water ID: 1003656954
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 79
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Sep 2019

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Jul 31, 2019

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:Provincial [CA](#)

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:Federal [CDRY](#)

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

Government Publication Date: Jan 2004-Dec 2017

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

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Chemical Register:Private [CHEM](#)

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

Government Publication Date: 1999-Jul 31, 2019

Compressed Natural Gas Stations:Private [CNG](#)

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

Government Publication Date: Dec 2012 - Aug 2019

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

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:Provincial [CONV](#)

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

Government Publication Date: 1989-Jul 2019

Certificates of Property Use:Provincial [CPU](#)

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

Government Publication Date: 1994-Oct 31, 2019

Drill Hole Database:Provincial [DRL](#)

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

Government Publication Date: 1886 - Oct 2018

Environmental Activity and Sector Registry:

Provincial

[EASR](#)

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

Government Publication Date: Oct 2011-Oct 31, 2019

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-Oct 31, 2019

Environmental Compliance Approval:

Provincial

[ECA](#)

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

Government Publication Date: Oct 2011-Oct 31, 2019

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-Oct 31, 2019

Environmental Issues Inventory System:

Federal

[EIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

[EMHE](#)

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial

[EPAR](#)

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2018

List of Expired Fuels Safety Facilities:

Provincial

EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

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

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-Aug 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal

FED TANKS

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

Government Publication Date: May 31, 2018

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sep 2018

Fuel Storage Tank:

Provincial

FST

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

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Jul 31, 2019

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Jan 2019

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2017

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Jun 30, 2019

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

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

Government Publication Date: 1988-Aug 31, 2019

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 OGSRL Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jun 2019

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

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

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

Orders:

Provincial

[ORD](#)

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

Government Publication Date: 1994-Oct 31, 2019

Canadian Pulp and Paper:

Private

[PAP](#)

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

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

Parks Canada Fuel Storage Tanks:

Federal

[PCFT](#)

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

[PES](#)

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

Government Publication Date: 1988-Oct 2019

Pipeline Incidents:

Provincial

[PINC](#)

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

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial

[PRT](#)

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

[PTTW](#)

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

Government Publication Date: 1994-Oct 31, 2019

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial

RSC

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Sep 2019

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 31, 2019

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-Jun 2019

Wastewater Discharger Registration Database:

Provincial

SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private

TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

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

Government Publication Date: 1970-Aug 2018

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Oct 31, 2019

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Feb 28, 2019

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX B

Regulatory Responses

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: January 6, 2020 8:43 AM
To: Groves, Christi <Christi_Groves@golder.com>
Subject: RE: records search -19134070(1000)

EXTERNAL EMAIL

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 complete our release of public information form found at <https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?mid=392> and email the completed form to publicinformationsservices@tssa.org 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,

Roxana



Public Information Agent

Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationsservices@tssa.org
www.tssa.org



From: Groves, Christi <Christi_Groves@golder.com>
Sent: January 3, 2020 3:27 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Cc: 19134070, Phase I ESA Meaford <119006@golder.com>
Subject: records search -19134070(1000)

Good Afternoon,

May you please perform a TSSA database record search for any underground storage tanks, registered fuel tanks, outstanding instructions, incident reports, fuel oil spills or contamination records for the following locations.

206105 Highway 26, Meaford

206068 Highway 26, Meaford
206066 Highway 26, Meaford
206065 Highway 26, Meaford

Thanks,

Christi Groves, B.Sc.(Hons)
Senior Environmental Scientist



Golder Associates Ltd.

121 Commerce Park Drive, Unit L, Barrie, Ontario, Canada L4N 8X1

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APPENDIX C

Site Photographs



Photo 1 – View of the Site from Highway 26, facing north.



Photo 2 – View of the Site, facing northwest.

CLIENT

M1 Development Inc.

CONSULTANT



YYYY-MM-DD 2019-11-19

TAKEN BY CAD

CHECKED BY SP

PROJECT

Phase I ESA – 206105 Highway 26, Meaford, Ontario

TITLE

Photographic Record

PROJECT No: 19134070

FIGURE

C1



Photo 3 – View of agricultural land on Site, facing north.



Photo 4 – View of agricultural land on Site, facing southwest.

CLIENT

M1 Development Inc.

CONSULTANT



YYYY-MM-DD 2019-11-19

TAKEN BY

CHECKED BY SP

PROJECT

Phase I ESA – 206105 Highway 26, Meaford, Ontario

TITLE

Photographic Record

PROJECT No: 19134070

FIGURE

C2



Photo 5 – View of Building A, facing north.



Photo 6 – View of Building A, facing northeast.

CLIENT

M1 Development Inc.

CONSULTANT



YYYY-MM-DD 2019-11-19

TAKEN BY CAD

CHECKED BY SP

PROJECT

Phase I ESA – 206105 Highway 26, Meaford, Ontario

TITLE

Photographic Record

PROJECT No: 19134070

FIGURE

C3



Photo 7– View of Building B, facing northeast. Note: service garages.



Photo 8 – View of Building B, facing northwest.

CLIENT

M1 Development Inc.

CONSULTANT



YYYY-MM-DD 2019-11-19

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PROJECT

Phase I ESA – 206105 Highway 26, Meaford, Ontario

TITLE

Photographic Record

PROJECT No. 19134070

FIGURE

C4



Photo 9 – View of Building B. facing east. Note: brown staining on concrete and empty storage tank.



Photo 10 – View of the garage portion of Building B utilized for storage.

CLIENT

M1 Development Inc.

CONSULTANT



YYYY-MM-DD 2019-11-19

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PROJECT

Phase I ESA – 206105 Highway 26, Meaford, Ontario

TITLE

Photographic Record

PROJECT No: 19134070

FIGURE

C5



Photo 11 – Floor drain noted in the center portion of the garage in Building B.



Photo 12 – Interior view of Building B. Note: potential vinyl floor tiles containing asbestos.

CLIENT

M1 Development Inc.

CONSULTANT



YYYY-MM-DD 2019-11-19

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PROJECT

Phase I ESA – 206105 Highway 26, Meaford, Ontario

TITLE

Photographic Record

PROJECT No. 19134070

FIGURE

C6



Photo 13– View of Building C used for storage, facing southwest



Photo 14 – View of Building C used for storage, facing west.
Note: suspected former vehicle maintenance/service garage

CLIENT

M1 Development Inc.

CONSULTANT



YYYY-MM-DD 2019-11-19

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PROJECT

Phase I ESA – 206105 Highway 26, Meaford, Ontario

TITLE

Photographic Record

PROJECT No: 19134070

FIGURE

C7



Photo 15—Interior view of Building C. Note: cracked concrete and staining.



Photo 16 – Interior view of Building C.

CLIENT

M1 Development Inc.

CONSULTANT



YYYY-MM-DD 2019-11-19

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PROJECT

Phase I ESA – 206105 Highway 26, Meaford, Ontario

TITLE

Photographic Record

PROJECT No. 19134070

FIGURE

C8



Photo 17– View of Building D used for storage.



Photo 18 – View of Building E used for storage, facing northwest

CLIENT

M1 Development Inc.

CONSULTANT



YYYY-MM-DD 2019-11-19

TAKEN BY CAD

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PROJECT

Phase I ESA – 206105 Highway 26, Meaford, Ontario

TITLE

Photographic Record

PROJECT No: 19134070

FIGURE

C9



Photo 19– Interior view of Building E. Note: heavy equipment storage.



Photo 20 – Interior view of Building E. Note: cracked concrete and staining.

CLIENT

M1 Development Inc.

CONSULTANT



YYYY-MM-DD 2019-11-19

TAKEN BY CAD

CHECKED BY SP

PROJECT

Phase I ESA – 206105 Highway 26, Meaford, Ontario

TITLE

Photographic Record

PROJECT No: 19134070

FIGURE

C10



Photo 21– View of Building F used for storage, facing north.

CLIENT

M1 Development Inc.

CONSULTANT



YYYY-MM-DD 2019-11-19

TAKEN BY CAD

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PROJECT

**Phase I ESA – 206105 Highway 26, Meaford,
Ontario**

TITLE

Photographic Record

C11

PROJECT No: 19134070

FIGURE



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