OHE CONSULTANTS
Occupational Hygiene & Environment

Phase One Environmental Site Assessment

Vacant Property
580 Burloak Drive
Oakville, Ontario
L7L 6B3

Presented to:

Theeb Investments Inc.
2410 Falkland Crescent
Oakville, Ontario
L6M 4Y3

August 11, 2021

OHE Project No.: 26781

Submitted by:

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1 EXECUTIVE SUMMARY

OHE Consultants (OHE) was retained by Theeb Investments Inc. to conduct a Phase One Environmental Site Assessment (ESA) for the vacant property located at 580 Burloak Drive, Oakville, Ontario (the "Property"). The purpose of the Phase One ESA was to identify potential areas of contamination and environmental concerns due to onsite and/or offsite property uses, past or present. For the purposes of this report, Burloak Drive is assumed to be oriented in a north-south direction (reference north).

As part of the Phase One ESA, OHE carried out a Property inspection on July 13, 2021. Mr. Saman Miralai of OHE conducted the Property inspection.

The scope of work for the Property is tailored after the Canadian Standard Association's (CSA) Phase I ESA Standard Z768-01 (reaffirmed 2016). It includes a review of available historical information, a Property visit to examine for the presence of potential areas and contaminants of environmental concern, interviews with available personnel associated with the Property and a summary of the gathered information towards providing recommendations for further site assessment, if deemed necessary.

Based on the Phase One ESA conducted by OHE through a review of available records, interviews and Property visit, the following observations were made:

Property History

Use of the Property Prior to Current Development:	not applicable (vacant property)
Date of Property Development:	
Use of Property Since Development:	

Records Review

- An orchard was located adjoining to the north of the Property at an inferred upgradient location in 1934. Based on the date of this orchard, as well as lack of any records indicating storage of pesticides / herbicides, the likelihood of potential environmental impacts to soil and ground water at the Property from the above noted adjoining land use appeared to be low.

- What appeared to be a petroleum storage facility with multiple cylindrical tanks (bulk tanks) was historically located adjacent (across Burloak Drive) to the northeast of the Property. Various tank records were also identified to have been located adjacent (across Burloak Drive) to the northeast (approximately 75 m - 150 m) of the Property

as well as east (approximately 100 m - 250 m) of the Property, all at inferred cross-gradient locations. It should be noted that some of the above noted records were outside the Phase One ESA Study Area. The areas historically occupied by the above noted operations are currently commercially developed and operational. Based on the distances and the inferred cross-gradient locations of the above noted records, as well as lack of any historical spill/incident/accident records associated with the above noted operations or tanks, the likelihood of potential environmental impacts to soil and ground water at the Property from the above noted records appeared to be low.

- The neighbouring property (4-585 Michigan Drive), located approximately 200 m northeast of the Property at an inferred cross-gradient location, was a waste generator. It should be noted that this property was outside the Phase One ESA Study Area. Based on the distance and the inferred cross-gradient location of the above noted record, the likelihood of potential environmental impacts to soil and ground water at the Property from the above noted land use appeared to be low.

Property Inspection

- At the time of the Property inspection, the Property was a triangular vacant lot with no onsite structures, and covered with trees, bushes and other types of vegetation.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

Based on OHE's review of gathered information, records review and Property inspection, Potentially Contaminating Activities (PCAs) were identified within the Phase One ESA Study Area, however, no Areas of Potential Environmental Concern were identified.

Recommendations

Based upon the findings of the Phase One ESA, the likelihood of potential environmental impacts to soil and ground water at the Property from the potential environmental concerns identified throughout this Phase One ESA appeared to be low.

This Executive Summary provides a brief summary of the findings. It is not intended to substitute for the complete report, nor does it discuss specific issues documented in the report. The Executive Summary is subject to the same limitations as stated in the report and should be read in conjunction with the complete report.

2 INTRODUCTION

OHE Consultants (OHE) was retained by Theeb Investments Inc. to conduct a Phase One Environmental Site Assessment (ESA) for the vacant property located at 580 Burloak Drive, Oakville, Ontario (the "Property"). The purpose of the Phase One ESA was to identify potential areas of contamination and environmental concerns due to onsite and/or offsite property uses, past or present. For the purposes of this report, Burloak Drive is assumed to be oriented in a north-south direction (reference north).

Theeb Investments Inc.'s contact information is as follows: 2410 Falkland Crescent, Oakville, Ontario, L6M 4Y3. OHE's contact at Theeb Investments Inc. was Mr. Abdullah Al Eyadeh.

The Phase One ESA Property is shown in Drawing 1, the Phase One ESA Property and surrounding land use is shown in Drawing 2.

3 SCOPE OF INVESTIGATION

The scope of work for the Property is tailored after the Canadian Standard Association's (CSA) Phase I ESA Standard Z768-01 (reaffirmed 2016). It includes a review of available historical information, a Property visit to examine for the presence of potential areas and contaminants of environmental concern, interviews with available personnel associated with the Property and a summary of the gathered information towards providing recommendations for further site assessment, if deemed necessary. In general, the scope of investigation includes the following tasks:

- Review of the current use of the Property and any operations that may represent a potential concern to environmental conditions at the Property (i.e. soil and ground water);

- Liaise with appropriate government agencies to seek records of environmental regulatory non-compliance. Agencies may include the local municipality, the Ontario Ministry of the Environment, Conservation and Parks (MECP), the Ontario Ministry of Natural Resources and Forestry (MNRF), local Conservation Authorities, and the Technical Standards & Safety Authority (TSSA);

- Review of the Property history with the use of fire insurance plans (FIPs), city directories and aerial photographs, where available;

- Review of relevant Property and local area environmental database records as made available through EcoLog Environmental Risk Information Service (ERIS);
- A Property reconnaissance of all areas of the Property in order to identify the presence of potentially contaminating activities or contaminants of potential concern;
- A review of Property occupant operations and any environmentally-related documentation (if available);
- Reconnaissance of adjoining and neighboring properties (where visible from the Property and the public right-of-ways) in order to identify the presence of environmental concerns to the Property;
- Evaluation of the information collected from the records review and Property reconnaissance; and,
- Preparation and submission of a draft and final report documenting the above findings.

A copy of the Phase One ESA Regulatory Framework is included in Appendix A.

Phase One ESA Study Area Determination

The Phase One ESA Study Area consisted of the Property and all adjacent properties situated totally or partially within 100 m of the Property boundaries (herein referred to as the Phase One ESA Study Area). This Phase One ESA Study Area was considered as adequate to fully describe any potential environmental concerns with respect to the Property.

4 PROPERTY DESCRIPTION

General Property Description

The Property is a triangular vacant lot situated on the west corner of the intersection of Burloak Drive and Great Lakes Boulevard, approximately 550 m north of Rebecca Street.

Table 1: Description of Property Structures

Number of Stories:	not applicable (vacant property)
Number of Levels Below Grade:	
Building Construction:	
Roof Construction:	
Approximate Total Building Area:	
Building Heating:	
Building Air-Conditioning:	
Use of Building:	
Other Building Features:	

Description of Property Occupants and Tenants

At the time of the Property inspection, the Property was a vacant lot with no onsite structures, and covered with trees, bushes and other types of vegetation. Due to the present vegetation at the Property, physical walkthrough of some portions of the Property (with dense tree or tall vegetation coverage) was not possible at the time of the Property inspection.

Description of Property Utilities and Water Sources

As previously noted, the Property was a vacant lot at the time of the Property inspection. Therefore, it is assumed that the Property would be unserviced.

Description of Property Exterior

As previously noted, at the time of the Property inspection, the Property was a vacant lot with no onsite structures, and covered with trees, bushes and other types of vegetation.

Description of Adjoining Properties

Adjoining properties were identified as follows:

Table 2 – Adjoining Properties

North Adjoining:	Burloak Drive with residential properties along its west side, and commercial properties along its east side
East Adjoining:	intersection of Burloak Drive and Great Lakes Boulevard followed by commercially developed properties or commercial vacant lots
West Adjoining:	residential properties
South Adjoining:	Burloak Drive with residential properties along its west side, and an institutional property (Hope Bible Church) along its east side

The neighbouring properties within the Phase One ESA Study Area were primarily commercial and residential in nature with one (1) church (Hope Bible Church) observed adjacent (across Burloak Drive) to the south of the Property.

Fill Materials

No obvious visual evidence of a berm or fill materials importation was observed during the inspection of the accessible portions of the Property.

5 RECORDS REVIEW

Topography, Hydrogeology, Geology

Based on OHE's review of relevant sources of information, a summary of topographic, geologic, and hydrogeological conditions for the Property and surrounding areas is provided as follows:

A review of Google earth™ indicated the Property is situated at an approximate elevation range of 98 m to 99 m above mean sea level. The topography of the Property and local area identified during the Property reconnaissance indicated grades falling to the south. Based on the observed shallow topography, and presence of two (2) tributaries of Sheldon Creek located approximately 400 m east and west of Burloak Drive in a north-south direction leading to Lake Ontario, the inferred ground water flow direction is to the south along Burloak Drive, and eventually leading to Lake Ontario located approximately 2 km south of the Property.

Regional geological soil data were obtained via *Ontario Geological Survey 2010. Surficial geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release--Data 128-REV-OGS Earth Mapping Service, Google earth*. The surficial geography of the Phase One ESA Study Area consisted of Paleozoic bedrock. The bedrock geology of the Phase One ESA Study Area consisted of shale, limestone, dolostone, and siltstone of the Queenston Formation.

Water Bodies and Areas of Natural Significance

Based on OHE's review of relevant information, the nearest water body is a tributary of Sheldon Creek located approximately 500 m west of the Property in a north-south direction. Lake Ontario is also located approximately 2 km south of the Property.

The Town of Oakville Official Plan (viewed online) indicated that the Property was situated within an area designed as "Business Employment", and there were no Natural Areas within the Phase One ESA Study Area.

The MNRF's online Make a Map, Natural Heritage Areas, indicated that the Property and the Phase One ESA Study Area is not considered an area of natural and scientific interest (ANSI).

Fire Insurance Plans

Fire Insurance Plans (FIPs) and Property Underwriters' Reports and Plans were searched through Enviroscan as part of Opta Information Intelligence and through ERIS (Environmental Risk Information System). A copy of the Opta Enviroscan report and the ERIS report is included in Appendix B.

No FIPs or inspection reports were identified that would cover the Property or the Phase One ESA Study Area.

Environmental Reports

No reports were provided to OHE for review as part of this Phase One ESA.

City Directories

Due to the current pandemic and associated restrictions to public resources, city directories could not be made available for OHE to review.

EcoLog ERIS

EcoLog ERIS was retained to conduct an environmental information search of the Property and surrounding properties. A review of available databases was undertaken to identify any potential environmental concerns at the Property caused by waste management issues, chemical storage or utilization, business operations, recorded incidents, accidents or recorded environmental issues, either currently or historically at or in the immediate vicinity (i.e. 100 m) of the Property. For a complete list of databases reviewed, a copy of the EcoLog ERIS report is provided in Appendix C.

No Property-specific records were identified in the EcoLog ERIS report.

The following table pertains to the Phase One ESA Study Area. The records were evaluated by OHE for potential environmental impact to the Property. Those records identified by OHE as being significant, at an inferred up-gradient location of the Property, and/or a potential environmental concern are discussed below:

Table 3: EcoLog ERIS – Phase One ESA Study Area

Address:	4-585 Michigan Drive
Distance from Property:	approximately 200 m to the northeast at an inferred cross-gradient location (outside of the Phase One ESA Study Area)
Records:	• Ontario Regulation 347 Waste Generators Summary: Javelin Technologies, generator of emulsified oils and graphic arts wastes in 2020 and 2021;
Address:	500 Great Lakes Boulevard
Distance from Property:	adjacent (across Burloak Drive) to the south at an inferred down gradient location
Records:	• Record of Site Condition: Harvest Bible Chapel Oakville, Record of Site Condition (RSC) ID: 98111, land use change from industrial to residential, full depth site conditions standard, with potable ground water, medium/fine textured Soil, filing date: May 13, 2011;
Address:	not indicated
Distance from Property:	various records indicating distances believed (as per the EcoLog ERIS's map) to be adjacent (across Burloak Drive) to the northeast, approximately 75 m and 150 m to the northeast, and approximately 100 m, 200 m and 250 m to the east, all at inferred cross-gradient locations
Records:	• Aboveground Storage Tanks: petroleum tanks of unspecified volumes, no other pertinent information was noted;

It should be noted that properties that are located beyond 100 m from the Property, in inferred down/cross-gradient locations of the Property, and/or identified as low potential environmental concern are not necessarily listed in the above table.

Six (6) Water Well Information System (WWIS) database records were included. No water well record with soil stratigraphy information was identified.

Aerial Photographs

Aerial photographs of the Property and surrounding area were examined for the following years: 1934, 1965, 1973, 2004, 2005, 2006, 2007, 2009, 2013, 2015, 2016, and 2018. Aerial photographs from 1934, 1965 and 1973 were made available by way of LGI Copy Services Inc. and are included in Appendix D. The remaining aerial photographs were made available by way of Google earth™.

The Property appeared to be undeveloped in 1934. The Phase One ESA Study Area also appeared to be mainly undeveloped with what appeared to be an orchard observed adjoining to the north of the Property.

The Property appeared to be undeveloped in 1965. The 1965 aerial photograph had partial coverage of the Phase One ESA Study Area which appeared to be undeveloped with the exception of the northeast adjacent property which appeared to be developed as a petroleum storage facility with multiple cylindrical tanks (bulk tanks). The orchard adjoining to the north of the Property could not be observed anymore.

The aerial photograph from 1963 indicated the Property and the Phase One ESA Study Area to be in similar conditions and of similar features to those of 1965 with the exception of more densely residential developments in the lands to the west of the Property. The petroleum storage facility with multiple cylindrical tanks (bulk tanks) could still be observed on the lands to the northeast of the Property.

The aerial photographs from 2004 to 2018 indicated the Property to be in its current shape (as a triangular vacant lot), and also indicated the Phase One ESA Study Area to gradually develop into more dense residential properties on the west side of Burloak Drive as well as recent commercial developments on the east side of Burloak Drive.

Ontario Ministry of the Environment, Conservation, and Parks – Freedom of Information

A request was submitted by OHE to the MECP Freedom of Information (FOI) and Protection of Privacy Office in order to determine if there were any issued orders or violations associated with the Property, whether there have been any other environmental concerns associated with the Property, (such as complaints, inspections, etc.) whether any environmental investigations have been carried out regarding the Property and to determine if the Spills Action Centre's (SAC) files contain any reported spills occurring in the Property vicinity. It should be noted that the SAC database was initiated in 1988 and many occurrences on file have only been reported voluntarily.

A response to the MECP FOI request has not yet been received. A copy of the MECP FOI request is included in Appendix F.

Ontario Ministry of the Environment, Conservation, and Parks – Certificates of Approval and Renewable Energy Approvals

The MECP online inventory of Certificates of Approval and Renewable Energy Approvals did not indicate any records pertaining to the Property.

Ontario Ministry of the Environment, Conservation, and Parks – Hazardous Waste Information Network

A review of the MECP Hazardous Waste Information Network (HWIN) online records indicated no records associated with the Property.

Ontario Ministry of the Environment, Conservation, and Parks – Records of Site Condition

The following RSC was identified within the Phase One ESA Study Area by the EcoLog ERIS report:

- 500 Great Lakes Boulevard, located adjacent (across Burloak Drive) south of the property at an inferred down gradient location:

  Harvest Bible Chapel Oakville, RSC ID: 98111, land use change from industrial to residential, full depth site conditions standard, with potable ground water, medium / fine textured Soil, filing date: May 13, 2011;

Environment Canada – National Pollutant Release Information

No NPRI findings were identified for the Property or the Phase One ESA Study Area.

Technical Standards & Safety Authority (TSSA)

The TSSA was requested to review their databases for the Property for any registered USTs and ASTs containing petroleum products.

On July 13 and August 9, 2021, OHE was informed that there were no records pertaining to the Property and the adjoining properties.

A copy of the TSSA documentation is included in Appendix F.

6 INTERVIEWS

Mr. Abdullah Al Eyadeh, Client, was interviewed during the Property reconnaissance due to his knowledge of the Property. All relevant information from this interview is included in this report where relevant.

7 PROPERTY RECONNAISSANCE

The Property visit was conducted by Mr. Saman Miralai of OHE on July 13, 2021. The temperature was approximately 25 ºC and the weather was sunny. The Property

reconnaissance and the inspection of the surrounding properties within 100 m of the Property were conducted from approximately 1:00 PM to approximately 4:00 PM.

Property photographs are included in Appendix G.

8 OTHER PHASE ONE ENVIRONMENTAL SITE ASSESSMENT FINDINGS

Asbestos-Containing Materials

Due to its insulation and fire retardant properties, asbestos was extensively used in building materials from the 1920s to the early 1970s. The health risk associated with asbestos occurs when asbestos fibres are released from various materials into the ambient air. Asbestos-containing materials (ACMs) that are in good condition generally should not present a health risk. However, in situations where the materials are disturbed during maintenance or demolition activities, or where the material has deteriorated and has become friable, a health risk may be present.

At the time of the Property inspection, the Property was a vacant lot with no onsite structures, and covered with trees, bushes and other types of vegetation. Due to the present vegetation at the Property, physical walkthrough of some portions of the Property (with dense tree or tall vegetation coverage) was not possible at the time of the Property inspection. No potentially asbestos-containing materials (ACMs) (friable or non-friable) were noted during the inspection of the accessible areas within the Property. It should be noted that a Designated Substance Survey (DSS) of the Property was not carried out.

Polychlorinated Biphenyls (PCBs)

PCBs were commonly used as dielectric fluid in electrical equipment such as transformers and capacitors and in the ballasts of fluorescent light fixtures. The production of PCBs in North America started in 1929 and was stopped in the early 1980s. PCBs are an environmental concern because when released into the environment, they persist and tend to accumulate in the food chain. Fires involving equipment containing PCBs are considered dangerous because of the potentially toxic fumes that may be released. After 1981, manufacturers of fluorescent lamps ceased to use PCBs in the capacitors of lamp ballasts. Ontario Regulation 362/90 (as amended) under the Environmental Protection Act indicates that in order for a liquid to be considered PCB-containing the liquid must contain PCBs at a concentration of more than 50 parts per million (ppm) by weight.

At the time of the Property inspection, the Property was a vacant lot with no onsite structures, and covered with trees, bushes and other types of vegetation. Due to the present vegetation at the Property, physical walkthrough of some portions of the Property (with dense tree or tall vegetation coverage) was not possible at the time of the Property inspection. No potentially PCB-containing materials were observed during the inspection of the accessible areas within the Property.

Heavy Metal-Based Paints

Paint manufacturers historically added unregulated heavy metals, including lead, cadmium, and mercury to paint, because of their desirable properties such as rust prevention or as a bactericide. Emergent health concerns resulted in a reduction in the concentration of these elements in recent paint production. The Canadian government placed controls on lead content in paint in 1976, under the authority of the Hazardous Products Liquid Coating Materials Regulations. These regulations specify a maximum lead content of 0.5% (weight percent in the dry paint film) in paints, enamels and other liquid coating materials for use on the interior or exterior surfaces of buildings, furniture or household products. The actual concentration of the heavy metals in the paint can vary greatly depending on how well the paints are mixed prior to application. For this reason a random sampling program may be inconclusive as to the actual concentration of metals in paint. It is prudent to assume that the paint may contain heavy metals and where peeling paint is observed, it should be repaired. When major renovations or demolitions are proposed the painted surfaces should be extensively sampled and analyzed to confirm if abatement precautions are required. Under no circumstances should heat be used to remove the paint or cutting torches be applied to painted surfaces as hazardous levels of metals may be released in the fumes.

At the time of the Property inspection, the Property was a vacant lot with no onsite structures, and covered with trees, bushes and other types of vegetation. Due to the present vegetation at the Property, physical walkthrough of some portions of the Property (with dense tree or tall vegetation coverage) was not possible at the time of the Property inspection. No potential heavy metal-based paints were observed during inspection of the accessible areas within the Property with the potential exception of the paint applied on the onsite stick-up (monument) monitoring well casings. A DSS of the Property was not carried out as part of this investigation.

Mercury

Mercury is typically present in electrical panels, electrical equipment, fluorescent light bulbs and thermostats. At the time of the Property inspection, the Property was a

vacant lot with no onsite structures, and covered with trees, bushes and other types of vegetation. Due to the present vegetation at the Property, physical walkthrough of some portions of the Property (with dense tree or tall vegetation coverage) was not possible at the time of the Property inspection. No potential mercury-containing materials were observed during inspection of the accessible areas within the Property. A DSS of the Property was not carried out as part of this investigation.

Ozone Depleting Substances (ODSs)

Ozone Depleting Substances (ODSs) refer to any substances containing chlorofluorocarbon (CFC), hydrochlorofluorocarbon (HCFC), halon or any other chemicals capable of depleting the stratospheric ozone layer, which results in a higher level of ultraviolet (UV) radiation penetrating the earth's atmosphere. ODSs have been used in such applications as air-conditioning coolants, industrial solvents, foam and insulation products. Each province in Canada has passed legislation requiring mandatory recovery and reclamation of refrigerants during the maintenance of air-conditioning equipment.

At the time of the Property inspection, the Property was a vacant lot with no onsite structures, and covered with trees, bushes and other types of vegetation. Due to the present vegetation at the Property, physical walkthrough of some portions of the Property (with dense tree or tall vegetation coverage) was not possible at the time of the Property inspection. Evidence of ODS-containing equipment was not identified during inspection of the accessible areas within the Property.

Urea Formaldehyde Foam Insulation (UFFI)

UFFI was used in the mid-1970s as insulation in buildings but was banned after 1975. This material was not commonly used in commercial construction and is not a significant health concern in buildings with high ventilation rates.

Evidence of UFFI was not observed during the inspection of the accessible areas within the Property.

Underground Storage Tanks (USTs)

No evidence as to presence of USTs was identified during inspection of the accessible areas within the Property.

Aboveground Storage Tanks (ASTs)

No evidence as to presence of ASTs was identified during inspection of the accessible areas within the Property.

Hydraulic Hoists

There was no evidence as to the presence of hydraulic hoists onsite during inspection of the accessible areas within the Property.

Mechanical Equipment

Mechanical equipment including elevators, vehicle hoists and compactors typically contains hydraulically operated devices. As equipment containing hydraulic oils is typically operated under high pressure, any leaks or equipment failure may result in a significant hydraulic oil release.

No mechanical equipment was observed during the inspection of the accessible areas within the Property.

Drains, Sumps, Grease Traps, Oil / Water Separators, and Pits

There was no evidence as to the presence of any drains, sums, grease traps, oil / water separators, and pits onsite during inspection of the accessible areas within the Property.

Railway Lines or Spurs

No railway lines or spurs were observed in the Phase One ESA Study Area.

Waste Management (Storage and Disposal)

At the time of the Property inspection, the Property was a vacant lot with no onsite structures, and covered with trees, bushes and other types of vegetation. Due to the present vegetation at the Property, physical walkthrough of some portions of the Property (with dense tree or tall vegetation coverage) was not possible at the time of the Property inspection.

At the time of inspection of the accessible areas within the Property, no waste generation was expected to occur at the Property.

Wastewater Discharges

At the time of the Property inspection, the Property was a vacant lot with no onsite structures, and covered with trees, bushes and other types of vegetation. Due to the present vegetation at the Property, physical walkthrough of some portions of the Property (with dense tree or tall vegetation coverage) was not possible at the time of the Property inspection.

At the time of inspection of the accessible areas within the Property, no wastewater discharges were expected to be generated at the Property.

Onsite Wells and Sewage Works

A total of four (4) stick-up (monument) monitoring wells, three (3) blue and one (1) black, were observed during inspection of the accessible areas within the Property. The conducted interview did not indicate knowledge of any previous environmental investigations at the Property. The Ontario Water Wells online database indicated that three (3) of these were installed as "monitoring and test holes", to depths ranging from 30 ft (9 m) to 33 ft (10 m), from November 13, 2018 to November 21, 2018. Area records indicate that these monitoring wells were installed as part of a larger area-wide program, as monitoring wells were noted along Burloak Drive both north and south of the Property.

No onsite sewage works were identified during inspection of the accessible areas within the Property.

Chemicals and Hazardous Materials Inventory and Management

At the time of the Property inspection, the Property was a vacant lot with no onsite structures, and covered with trees, bushes and other types of vegetation. Due to the present vegetation at the Property, physical walkthrough of some portions of the Property (with dense tree or tall vegetation coverage) was not possible at the time of the Property inspection. No significant chemicals were observed at the Property during the inspection of the accessible areas within the Property.

Amalgam Separators

At the time of the Property inspection, the Property was a vacant lot with no onsite structures, and covered with trees, bushes and other types of vegetation. Due to the present vegetation at the Property, physical walkthrough of some portions of the Property (with dense tree or tall vegetation coverage) was not possible at the time of the Property inspection. No amalgam separators were identified during inspection of the accessible areas within the Property.

Mould

At the time of the Property inspection, the Property was a vacant lot with no onsite structures, and covered with trees, bushes and other types of vegetation. Due to the present vegetation at the Property, physical walkthrough of some portions of the Property (with dense tree or tall vegetation coverage) was not possible at the time of the Property inspection. No evidence as to the presence of suspect mould growth was observed during inspection of the accessible areas within the Property. It should be noted that the Phase One ESA did not include a full mould assessment.

Unidentified Substances

No unidentified substances were identified during the inspection of the accessible areas within the Property.

Pesticides/Herbicides

No evidence as to the storage or application of pesticides was identified during the inspection of the accessible areas within the Property.

Spills, Stained Areas and Stressed Vegetation

No visible evidence of spills, stained areas or stressed vegetation was identified during the inspection of the accessible areas within the Property.

Radioactive Materials

No evidences of radioactive materials or equipment were observed during the inspection of the accessible areas within the Property.

Radon

Radon is a radioactive gas that is colourless, odourless, and tasteless. Radon is formed by the natural breakdown of radium in soil and rock and is therefore continually being emitted from the ground. Radon can pose a problem if it accumulates to excessive levels in an enclosed structure.

At the time of the Property inspection, the Property was a vacant lot with no onsite structures, and covered with trees, bushes and other types of vegetation. Due to the present vegetation at the Property, physical walkthrough of some portions of the Property (with dense tree or tall vegetation coverage) was not possible at the time of the Property inspection. As there were no onsite structures, radon accumulation was not expected to occur at the Property at the time of inspection of the accessible areas within the Property.

Air Emissions

No active air emissions were observed during the inspection of the accessible areas within the Property.

Noise or Vibrations

Potential sources of significant noise were not observed or expected during the inspection of the accessible areas within the Property.

Energy Efficiency

Energy efficiency programs for the Property were not reported. The Property was not listed on the list of Energy Star certified buildings in Canada.

General Health and Safety Matters

A comprehensive health and safety inspection was not performed as part of this Phase One ESA.

9 FINDINGS

Potentially Contaminating Activities

Based on OHE's review of gathered information, records review and Property inspection, the following Potentially Contaminating Activities (PCAs) were identified:

Onsite Issues:

This section of the report summarizes onsite issues which may potentially impact the soil and ground water at the Property.

No on-site issues were identified at the Property that may potentially impact the soil and ground water qualities at the Property.

Offsite Issues:

This section of the report summarizes offsite issues which may potentially impact the soil and ground water at the Property.

- Based on review of the 1934 aerial photograph, an orchard was located adjoining to the north of the Property at an inferred upgradient location. This orchard could be identified in the 1965 or any of the later aerial photographs. Based on the date of this orchard, as well as lack of any records indicating storage of pesticides / herbicides, the likelihood of potential environmental impacts to soil and ground water at the Property from the above noted adjoining land use appeared to be low.

- Based on review of the aerial photographs, what appeared to be a petroleum storage facility with multiple cylindrical tanks (bulk tanks) was historically located adjacent (across Burloak Drive) to the northeast of the Property. Review of the EcoLog ERIS report also indicated various tank records located adjacent (across Burloak Drive) to the northeast (approximately 75 m and 150 m) of the Property as well as east (approximately 100 m, 200 m and 250 m) of the Property, all at inferred cross-gradient locations. It should be noted that some of the above noted records

were outside the Phase One ESA Study Area. The areas historically occupied by the above noted operations are currently commercially developed and operational. Based on the distances and inferred cross-gradient locations of the above noted records, as well as lack of any historical spill / incident / accident records associated with the above noted operations or tanks, the likelihood of potential environmental impacts to soil and ground water at the Property from the above noted records appeared to be low.

- Based on review of the EcoLog ERIS report, the neighbouring property with the municipal address of 4-585 Michigan Drive, located approximately 200 m northeast of the Property at an inferred cross-gradient location, was a waste generator of emulsified oils and graphic arts wastes in 2020 and 2021. It should be noted that this property was outside the Phase One ESA Study Area. Based on the distance and inferred cross-gradient location of the above noted record, the likelihood of potential environmental impacts to soil and ground water at the Property from the above noted land use appeared to be low.

Areas of Potential Environmental Concern

Based on OHE's review of gathered information, records review and Property inspection, Potentially Contaminating Activities (PCAs) were identified within the Phase One ESA Study Area, however, no Areas of Potential Environmental Concern were identified.

10 EVALUATION OF FINDINGS

Based upon the findings of the Phase One ESA, the likelihood of potential environmental impacts to soil and ground water at the Property from the potential environmental concerns identified throughout this Phase One ESA appeared to be low.

11 ASSESSMENT UNCERTAINTY

The accuracy of the assessment is accurate to the extent that the source information provide to OHE is accurate. The level of uncertainty in this report reflects the level of uncertainty in the source information. Missing information will potentially not be reflected in the OHE report, and inaccurate information may be presented as such in the OHE report.

12 ASSESSOR QUALIFICATIONS

Signatures of the Qualified Person (Q.P.) and other parties associated with this report are included below. Saman Miralai, P.Eng., Q.P.$_{ESA}$, and Mike Grayhurst, P.Eng., Q.P.$_{ESA}$, PMP, supervised the Phase One ESA and confirmed the findings and conclusions of this study. Assessor qualifications are provided in Appendix I.

13 GENERAL STATEMENT OF LIMITATIONS

All the information, conclusions, and recommendations presented in this document are based on our best professional knowledge, experience and judgment. The report is based on and limited to documents and verbal information supplied to OHE Consultants by the client, third parties, regulatory agencies, and by observations made during a guided walk-through inspection of the buildings and Property. Our opinion cannot be extended to portions of the site, which were not available for direct observation due to obstruction by objects or coverings at the time of our investigation. Environmental testing of materials was not part of our scope of work.

There is no warranty expressed or implied by OHE Consultants that this investigation will uncover all potential environmental risks or liabilities associated with the site. We believe, however, that the level of detail carried out in this investigation is appropriate to meet the study objectives in accordance with the scope of work/terms of reference agreed to, between Theeb Investments Inc. and OHE. We believe this report to be accurate. However, we cannot guarantee the completeness or accuracy of information supplied by any third party.

This report has been prepared for the exclusive use of Theeb Investments Inc. with respect to the acquisition and development of the Property. Any other parties, who may have an interest in the site must do their own site assessment and interpretation to determine if the site conditions affect them.

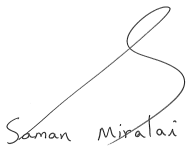
The report may be relied upon by Theeb Investments Inc. in determining whether to make a mortgage loan secured by the Property. Theeb Investments Inc. any assignee or purchaser of the Mortgage and any agency rating securities secured by or representing an interest in the Mortgage shall be entitled to rely on the Report as if the Report was originally commissioned by them (within 1 year of the date of completion). The Report may be referred to in and/or included with materials offering the Mortgage or securities for sale.

14 CLOSURE

We trust that the information presented herein meets your current requirements. Should you have any questions or require additional information, please do not hesitate to contact the undersigned at 905-890-9000.

OHE Consultants
Occupational Hygiene & Environment

Prepared by:



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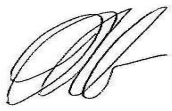

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President

15 REFERENCES

A list of all documents and data cited in this report is provided as follows:

- OGSEARTH (Ontario Ministry of Northern Development, Mines and Forestry);
- The Atlas of Canada, Natural Resources Canada;
- EcoLog ERIS;
- Opta Environmental Services;
- Aerial Photography, LGI Copy Service Canada;
- Aerial Photography, Google earth™;
- The Ministry of Natural Resources and Forestry (MNRF);
- Freedom of Information and Protection of Privacy Office, MECP;
- Technical Standards & Safety Authority (TSSA);
- Certificate of Approval and Renewable Energy Approval database, MECP;
- Town of Oakville online resources;
- Town of Oakville Official Plan;
- Brownfield Environmental Site Registry, MECP;
- Environment Canada National Pollutant Release Inventory (NPRI);
- LGI Copy Services Ltd.;

Drawings

Legend:

Approximate Property Boundary

Notes:
Locations of site features are approximate and may vary from that shown

Drawing Title:

Phase One ESA Property

Client Address:

Theeb Investments Inc.
2410 Falkland Crescent
Oakville, Ontario

Project Location:

580 Burloak Drive
Oakville, Ontario

Project No: 26781

True N Reference N

Date: Aug. 2021

Scale: NTS

Drawn By: DN

Approved By: FA

Drawing No:

1

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Occupational Hygiene & Environment

Legend:

- Approximate Property Boundary
- Approximate Phase One ESA Study Area

Notes:
Locations of site features are approximate and may vary from that shown

Drawing Title:

Phase One ESA Property and Surrounding Land Use

Client Address:

Theeb Investments Inc.
2410 Falkland Crescent
Oakville, Ontario

Project Location:

580 Burloak Drive
Oakville, Ontario

Project No: 26781

True N Reference N

Date: Aug. 2021

Scale: NTS

Drawn By: DN

Approved By: FA

Drawing No: 2

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Regulatory Framework

The following framework is designed to be an overview of applicable environmental and associated legislation and is not intended to be used as a comprehensive list.

Last updated: January 22, 2021

Federal Legislation

Canadian Environmental Protection Act, 1999

- Alberta Equivalency Order, SOR/94-752
- Asbestos Mines and Mills Release Regulations, SOR/90-341
- Benzene in Gasoline Regulations, SOR/97-493
- Butoxyethanol Regulations, 2-, SOR/2006-347
- Carbon Dioxide Emissions from Natural Gas-fired Generation of Electricity, Regulations Limiting, SOR/2018-261
- Chromium Electroplating, Chromium Anodizing and Reverse Etching Regulations, SOR/2009-162
- Circumstances for Granting Waivers Pursuant to Section 147 of the Act, Regulations Prescribing, SOR/2010-138
- Contaminated Fuel Regulations, SOR/91-486
- Designating Regulatory Provisions for Purposes of Enforcement (Canadian Environmental Protection Act, 1999), Regulations, SOR/2012-134
- Disposal at Sea Permit Application Regulations, SOR/2014-177
- Disposal at Sea Regulations, SOR/2001-275
- Environmental Emergency Regulations, 2019, SOR/2019-51
- Export and Import of Hazardous Waste and Hazardous Recyclable Material Regulations, SOR/2005-149
- Export of Substances on the Export Control List Regulations, SOR/2013-88
- Federal Halocarbon Regulations, 2003, SOR/2003-289
- Fuels Information Regulations, No. 1, CRC, c 407
- Gasoline and Gasoline Blend Dispensing Flow Rate Regulations, SOR/2000-43
- Gasoline Regulations, SOR/90-247
- Heavy-duty Vehicle and Engine Greenhouse Gas Emission Regulations, SOR/2013-24
- Interprovincial Movement of Hazardous Waste Regulations, SOR/2002-301
- Marine Spark-Ignition Engine, Vessel and Off-Road Recreational Vehicle Emission Regulations, SOR/2011-10
- Masked Name Regulations, SOR/94-261
- Microbeads in Toiletries Regulations, SOR/2017-111
- Multi-Sector Air Pollutants Regulations, SOR/2016-151
- New Substances Fees Regulations, SOR/2002-374
- New Substances Notification Regulations (Chemicals and Polymers), SOR/2005-247
- New Substances Notification Regulations (Organisms), SOR/2005-248

- Off-road Compression-Ignition (Mobile and Stationary) and Large Spark-Ignition Engine Emission Regulations, SOR/2020-258
- Off-Road Compression-Ignition Engine Emission Regulations, SOR/2005-32
- Off-Road Small Spark-Ignition Engine Emission Regulations, SOR/2003-355
- On-Road Vehicle and Engine Emission Regulations, SOR/2003-2
- Ozone-depleting Substances and Halocarbon Alternatives Regulations, SOR/2016-137
- Passenger Automobile and Light Truck Greenhouse Gas Emission Regulations, SOR/2010-201
- PCB Regulations, SOR/2008-273
- PCB Waste Export Regulations, 1996, SOR/97-109
- Persistence and Bioaccumulation Regulations, SOR/2000-107
- Phosphorus in Certain Cleaning Products Regulations, SOR/89-501
- Products Containing Mercury Regulations, SOR/2014-254
- Prohibition of Asbestos and Products Containing Asbestos Regulations, SOR/2018-196
- Prohibition of Certain Toxic Substances Regulations, 2012, SOR/2012-285
- Provisions of the Regulations Respecting Reduction in the Release of Methane and Certain Volatile Organic Compounds (Upstream Oil and Gas Sector) Do Not Apply in British Columbia, Order Declaring that the, SOR/2020-60
- Provisions of the Regulations Respecting Reduction in the Release of Methane and Certain Volatile Organic Compounds (Upstream Oil and Gas Sector) Do Not Apply in Saskatchewan, Order Declaring that the, SOR/2020-234
- Pulp and Paper Mill Defoamer and Wood Chip Regulations, SOR/92-268
- Pulp and Paper Mill Effluent Chlorinated Dioxins and Furans Regulations, SOR/92-267
- Reduction in the Release of Methane and Certain Volatile Organic Compounds (Upstream Oil and Gas Sector) Do Not Apply in Alberta, Order Declaring that the, Provisions of the Regulations Respecting, SOR/2020-233
- Reduction of Carbon Dioxide Emissions from Coal-fired Generation of Electricity Regulations, SOR/2012-167
- Reduction of Carbon Dioxide Emissions from Coal-fired Generation of Electricity Regulations do not apply in Nova Scotia, Order Declaring that the, SOR/2014-265
- Release and Environmental Emergency Notification Regulations, SOR/2011-90
- Renewable Fuels Regulations, SOR/2010-189
- Rules of Procedure for Boards of Review, SOR/2003-28
- Secondary Lead Smelter Release Regulations, SOR/91-155
- Solvent Degreasing Regulations, SOR/2003-283
- Storage Tank Systems for Petroleum Products and Allied Petroleum Products Regulations, SOR/2008-197
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- Sulphur in Gasoline Regulations, SOR/99-236

- Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations, SOR/2003-79
- Tributyltetradecylphosphonium Chloride Regulations, SOR/2000-66
- Virtual Elimination List, SOR/2006-298
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- Volatile Organic Compound (VOC) Concentration Limits for Automotive Refinishing Products Regulations, SOR/2009-197

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- Aboriginal Communal Fishing Licences Regulations, SOR/93-332
- Alberta Fishery Regulations, 1998, SOR/98-246
- Aquaculture Activities Regulations, SOR/2015-177
- Aquatic Invasive Species Regulations, SOR/2015-121
- Atlantic Fishery Regulations, 1985, SOR/86-21
- Authorizations Concerning Fish and Fish Habitat Protection Regulations, SOR/2019-286
- British Columbia Sport Fishing Regulations, 1996, SOR/96-137
- Conditions for Making Regulations Under Subsection 36(5.2) of the Fisheries Act, Regulations Establishing, SOR/2014-91
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- Dogfish Exemption Notice, CRC, c 836
- Experimental Lakes Area Research Activities Regulations, SOR/2014-95
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- Fish Toxicant Regulations, SOR/88-258
- Management of Contaminated Fisheries Regulations, SOR/90-351
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- Marine Mammal Regulations, SOR/93-56
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- Metal and Diamond Mining Effluent Regulations, SOR/2002-222
- Minister of the Environment as the Minister Responsible for the Administration and Enforcement of Subsections 36(3) to (6) of the Fisheries Act, Order Designating the, SI/2014-21
- Newfoundland and Labrador Fishery Regulations, SOR/78-443
- Northwest Territories Fishery Regulations, CRC, c 847
- Ontario Fishery Regulations, 1989, SOR/89-93
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- Pacific Fishery Management Area Regulations, 2007, SOR/2007-77

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- Wastewater Systems Effluent Regulations, SOR/2012-139
- Wastewater Systems Effluent Regulations Do Not Apply in Quebec, Order Declaring that the, SOR/2018-194
- Wastewater Systems Effluent Regulations Do Not Apply in Yukon, Order Declaring that the, SOR/2014-279
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- Toronto Area Rail Transportation of Dangerous Goods Advisory Council Order, SOR/86-332
- Transportation of Dangerous Goods by Rail Security Regulations, SOR/2019-113
- Transportation of Dangerous Goods General Policy Advisory Council Order, SOR/90-153
- Transportation of Dangerous Goods Regulations, SOR/2001-286
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- Fees to be Paid for a Pest Control Product Application Examination Service Provided by or on Behalf of her Majesty in Right of Canada, for a Right or Privilege to Manufacture or Sell a Pest Control Product in Canada and for Establishing a Maximum Residue Limit in relation to a Pest Control Product, Regulations Prescribing the, SOR/97-173
- List of Pest Control Product Formulants and Contaminants of Health or Environmental Concern, SI/2005-114
- Pest Control Products Fees and Charges Regulations, SOR/2017-9
- Pest Control Products Incident Reporting Regulations, SOR/2006-260
- Pest Control Products Regulations, SOR/2006-124
- Pest Control Products Sales and Information Reporting Regulations, SOR/2006-261
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- Air Pollution - Discharge of Sulphur Dioxide from Petroleum Facilities, Ontario Regulation 530/18
- Air Pollution - Local Air Quality, Ontario Regulation 419/05
- Alternative Low-Carbon Fuels, Ontario Regulation 79/15
- Applications for Environmental Compliance Approvals, Ontario Regulation 255/11
- Boilers, RRO 1990, Regulation 338
- Cessation of Coal use - Atikokan, Lambton, Nanticoke and Thunder Bay Generating Stations, Ontario Regulation 496/07
- Classes of Contaminants - Exemptions, RRO 1990, Regulation 339
- Classification and Exemption of Spills and Reporting of Discharges, Ontario Regulation 675/98
- Cleaner Transportation Fuels: Renewable Content Requirements for Gasoline and Diesel Fuels, Ontario Regulation 663/20
- Closure of the White Pines Wind Facility, Ontario Regulation 237/19
- Collection of Pharmaceuticals and Sharps — Responsibilities of Producers, Ontario Regulation 298/12
- Containers, RRO 1990, Regulation 340
- Deep Well Disposal, RRO 1990, Regulation 341
- Designation of Waste, RRO 1990, Regulation 342
- Discharge of Sewage From Pleasure Boats, RRO 1990, Regulation 343
- Disposable Containers for Milk, RRO 1990, Regulation 344
- Disposable Paper Containers for Milk, RRO 1990, Regulation 345
- Effluent Monitoring and Effluent Limits - Electric Power Generation Sector, Ontario Regulation 215/95
- Effluent Monitoring and Effluent Limits - Industrial Minerals Sector, Ontario Regulation 561/94
- Effluent Monitoring and Effluent Limits - Inorganic Chemical Sector, Ontario Regulation 64/95
- Effluent Monitoring and Effluent Limits - Iron and Steel Manufacturing Sector, Ontario Regulation 214/95
- Effluent Monitoring and Effluent Limits - Metal Casting Sector, Ontario Regulation 562/94
- Effluent Monitoring and Effluent Limits - Metal Mining Sector, Ontario Regulation 560/94
- Effluent Monitoring and Effluent Limits - Organic Chemical Manufacturing Sector, Ontario Regulation 63/95

- Effluent Monitoring and Effluent Limits - Petroleum Sector, Ontario Regulation 537/93
- Effluent Monitoring and Effluent Limits - Pulp and Paper Sector, Ontario Regulation 760/93
- Emissions Trading, Ontario Regulation 397/01
- Environmental Compliance Approval in Respect of Sewage Works, Ontario Regulation 208/19
- Environmental Compliance Approvals - Exemptions from Section 9 of the Act, Ontario Regulation 524/98
- Environmental Penalties, Ontario Regulation 222/07
- Exemption - Deloro Mine Site, Ontario Regulation 577/98
- Exemption - General Electric Canada inc. and Eli Eco Logic International inc., Ontario Regulation 43/97
- Exemption - Prospectors, Ontario Regulation 504/95
- Experimental Lakes Area, Ontario Regulation 60/14
- Gasoline Volatility, Ontario Regulation 271/91
- General - Waste Management, RRO 1990, Regulation 347
- Greenhouse Gas Emissions: Quantification, Reporting and Verification, Ontario Regulation 390/18
- Greenhouse Gas Emissions Performance Standards, Ontario Regulation 241/19
- Ground Source Heat Pumps, Ontario Regulation 98/12
- Hot Mix Asphalt Facilities, RRO 1990, Regulation 349
- Industrial, Commercial and Institutional Source Separation Programs, Ontario Regulation 103/94
- Industry Emissions - Nitrogen Oxides and Sulphur Dioxide, Ontario Regulation 194/05
- Information Publishing, Ontario Regulation 229/18
- Lambton Industry Meteorological Alert, RRO 1990, Regulation 350
- Landfilling Sites, Ontario Regulation 232/98
- Marinas, RRO 1990, Regulation 351
- Mobile PCB Destruction Facilities, RRO 1990, Regulation 352
- Municipalities, Secured Creditors, Receivers, Trustees in Bankruptcy and Fiduciaries - Part XV.2 of the Act, Ontario Regulation 298/02
- Ozone Depleting Substances and Other Halocarbons, Ontario Regulation 463/10
- Packaging Audits and Packaging Reduction Work Plans, Ontario Regulation 104/94
- Plasco Demonstration Project, Ontario Regulation 254/06
- Prescribed Activities and the Environmental Activity and Sector Registry - Heating Systems, Standby Power Systems and Automotive Refinishing, Ontario Regulation 245/11
- Records of Site Condition - Part XV.1 of the Act, Ontario Regulation 153/04

- Recovery of Gasoline Vapour in Bulk Transfers, Ontario Regulation 455/94
- Recycling and Composting of Municipal Waste, Ontario Regulation 101/94
- Refillable Containers for Carbonated Soft Drink, RRO 1990, Regulation 357
- Registrations Under Part II.2 of the Act - Activities Requiring Assessment of Air Emissions, Ontario Regulation 1/17
- Registrations Under Part II.2 of the Act — Automotive Refinishing, Ontario Regulation 347/12
- Registrations Under Part II.2 of the Act - End-of-Life Vehicles, Ontario Regulation 85/16
- Registrations Under Part II.2 of the Act — Printing, Ontario Regulation 349/12
- Registrations Under Part II.2 of the Act — Solar Facilities, Ontario Regulation 350/12
- Registrations Under Part II.2 of the Act - Water Taking, Ontario Regulation 63/16
- Registrations Under Part II.2 of the Act ─ Waste Management Systems, Ontario Regulation 351/12
- Renewable Energy Approvals under Part V.0.1 of the Act, Ontario Regulation 359/09
- Service of Documents, Ontario Regulation 227/07
- Spill Prevention and Contingency Plans, Ontario Regulation 224/07
- Spills, RRO 1990, Regulation 360
- Sulphur Content of Fuels, RRO 1990, Regulation 361
- Transfer of Containers to Brewers Retail Inc. and Others, Ontario Regulation 17/07
- Transitional Provisions Relating to the Repeal of Part VIII of the Act, Ontario Regulation 156/98
- Vehicle Emissions, Ontario Regulation 457/19
- Waste Audits and Waste Reduction Work Plans, Ontario Regulation 102/94
- Waste Disposal Sites and Waste Management Systems Subject to Approval Under or Exempt from the Environmental Assessment Act, Ontario Regulation 206/97
- Waste Management - PCB's, RRO 1990, Regulation 362

Technical Standards and Safety Act, 2000

- Amusement Devices, Ontario Regulation 221/01
- Boilers and Pressure Vessels, Ontario Regulation 220/01
- Certification and Training of Amusement Device Mechanics, Ontario Regulation 187/03
- Certification and Training of Elevating Device Mechanics, Ontario Regulation 222/01
- Certification of Petroleum Mechanics, Ontario Regulation 216/01
- Codes and Standards Adopted by Reference, Ontario Regulation 223/01

- Compressed Gas, Ontario Regulation 214/01
- Elevating Devices, Ontario Regulation 209/01
- Fuel Industry Certificates, Ontario Regulation 215/01
- Fuel Oil, Ontario Regulation 213/01
- Gaseous Fuels, Ontario Regulation 212/01
- Liability Insurance Requirements for Propane Operators, Ontario Regulation 197/14
- Liquid Fuels, Ontario Regulation 217/01
- Oil and Gas Pipeline Systems, Ontario Regulation 210/01
- Operating Engineers, Ontario Regulation 219/01
- Propane Storage and Handling, Ontario Regulation 211/01

Endangered Species Act, 2007

- General, Ontario Regulation 242/08
- Species at Risk in Ontario List, Ontario Regulation 230/08

Ontario Water Resources Act, 1990

- Additional Charges, Ontario Regulation 157/93
- Approval Exemptions, Ontario Regulation 525/98
- Charges for Industrial and Commercial Water Users, Ontario Regulation 450/07
- Charges for Taking Ground Water to Produce Bottled Water, Ontario Regulation 176/17
- Environmental Penalties, Ontario Regulation 223/07
- Exemption - City of Detroit, Ontario Regulation 128/09
- Experimental Lakes Area (Water Resources), Ontario Regulation 61/14
- Licensing of Sewage Works Operators, Ontario Regulation 129/04
- Revocation of Water Taking Permits, Ontario Regulation 103/20
- Secured Creditors, Receivers and Trustees in Bankruptcy, Ontario Regulation 299/02
- Service of Documents, Ontario Regulation 226/07
- Taking Ground Water to Produce Bottled Water, Ontario Regulation 463/16
- Transitional Provisions Relating to the Repeal of Part VIII of the Environmental Protection Act, Ontario Regulation 155/98
- Water Taking and Transfer, Ontario Regulation 387/04
- Wells, RRO 1990, Regulation 903

Building Code Act, 2002

- Building Code, Ontario Regulation 332/12

Occupational Health and Safety Act, 1990

- Confined Spaces, Ontario Regulation 632/05
- Construction Projects, Ontario Regulation 213/91
- Control of Exposure to Biological or Chemical Agents, RRO 1990, Regulation 833
- Criteria to be Used and Other Matters to be Considered by the Board Under Subsection 46 (6) of Act, Ontario Regulation 243/95
- Critical Injury - Defined, RRO 1990, Regulation 834
- Designated Substance - Asbestos on Construction Projects and in Buildings and Repair Operations, Ontario Regulation 278/05
- Designated Substances, Ontario Regulation 490/09
- Diving Operations, Ontario Regulation 629/94
- Farming Operations, Ontario Regulation 414/05
- Firefighters - Protective Equipment, Ontario Regulation 714/94
- Health Care and Residential Facilities, Ontario Regulation 67/93
- Industrial Establishments, RRO 1990, Regulation 851
- Joint Health and Safety Committees - Exemption from Requirements, Ontario Regulation 385/96
- Mines and Mining Plants, RRO 1990, Regulation 854
- Needle Safety, Ontario Regulation 474/07
- Noise, Ontario Regulation 381/15
- Occupational Health and Safety Awareness Training, Ontario Regulation 297/13
- Offices of the Worker and Employer Advisers, Ontario Regulation 33/12
- Oil and Gas - Offshore, RRO 1990, Regulation 855
- Roll-Over Protective Structures, RRO 1990, Regulation 856
- Teachers, RRO 1990, Regulation 857
- University Academics and Teaching Assistants, RRO 1990, Regulation 858
- Window Cleaning, RRO 1990, Regulation 859
- Workplace Hazardous Materials Information System (WHMIS), RRO 1990, Regulation 860
- X-ray Safety, RRO 1990, Regulation 861

Invasive Species Act, 2015

- General, Ontario Regulation 354/16

Guidelines

CCME Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum and Allied Petroleum Products, 2003

Fire Insurance Plans and Inspection Reports

opta
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enviroscan

An SCM Company

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Report Completed By:

Stephanie

Site Address:

580 Burloak Drive Burlington ON

Project No:

21071300352

Opta Order ID:

93340

Requested by:

Eleanor Goolab
Ecolog Eris

Date Completed:

7/26/2021 7:02:59 AM

Project Name: 580 Burloak Drive Brulington

Project #: 21071300352
P.O. #: 26781

ENVIROSCAN Report

Search Area: 580 Burloak Drive Burlington ON

Requested by:
Eleanor Goolab
Date Completed: 07/26/2021 07:02:59

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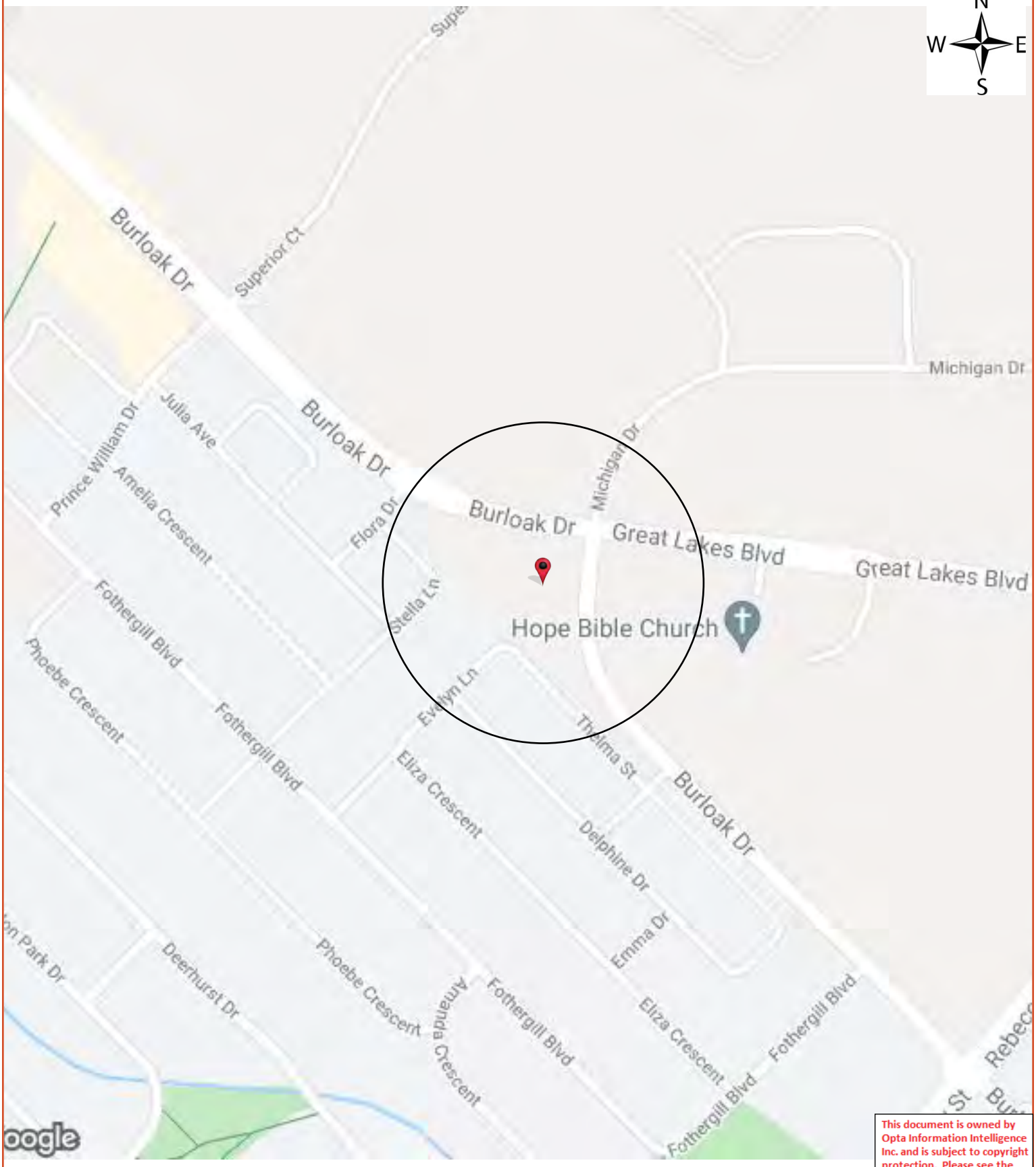

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Entire Agreement

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

Governing Document

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

Law

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

Project Name: 580 Burloak Drive Brulington

Project #: 21071300352
P.O. #: 26781

ENVIROSCAN Report

No Records Found

Requested by:
Eleanor Goolab
Date Completed: 07/26/2021 07:02:59

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EcoLog ERIS Report

DATABASE REPORT

Project Property:	*580 Burloak Drive, Brulington* *580 Burloak Drive* *Burlington ON L7L 6W5*
Project No:	*26781*
Report Type:	*Standard Report*
Order No:	*21071300352*
Requested by:	*OHE Consultants*
Date Completed:	*July 16, 2021*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

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Executive Summary

Property Information:

Project Property:	*580 Burloak Drive, Brulington* *580 Burloak Drive Burlington ON L7L 6W5*
Project No:	*26781*

Coordinates:

Latitude:	*43.3858253*
Longitude:	*-79.742936*
UTM Northing:	*4,804,428.79*
UTM Easting:	*601,818.26*
UTM Zone:	*17T*

Elevation:	*321 FT* *97.84 M*

Order Information:

Order No:	*21071300352*
Date Requested:	*July 13, 2021*
Requested by:	*OHE Consultants*
Report Type:	*Standard Report*

Historical/Products:

Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Topographic Map	*Ontario Base Map (OBM)*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	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	6	6
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 Manufacturers and Distributors*	Y	0	0	0
CHM	*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
DTNK	*Delisted Fuel Tanks*	Y	0	0	0
EASR	*Environmental Activity and Sector Registry*	Y	0	1	1
EBR	*Environmental Registry*	Y	0	2	2
ECA	*Environmental Compliance Approval*	Y	0	1	1
EEM	*Environmental Effects Monitoring*	Y	0	0	0
EHS	*ERIS Historical Searches*	Y	0	2	2
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	0	0
FCON	*Federal Convictions*	Y	0	0	0
FCS	*Contaminated Sites on Federal Land*	Y	0	0	0
FOFT	*Fisheries & Oceans Fuel Tanks*	Y	0	0	0
FRST	*Federal Identification Registry for Storage Tank Systems (FIRSTS)*	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	5	5
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

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
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	11	11
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	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
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	1	1
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	0	6	6
	Total:		0	36	36

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	EHS		n/a Oakville ON	SSE/29.1	0.00	18
2	WWIS		BURLOAK / REBECCA Oakville ON ***Well ID:*** 7325987	SW/32.6	0.30	18
3	EBR	Ontario Concrete Products Inc.	641 Burloak Drive (Temporary address) Oakville Ontario Oakville ON	NNE/62.8	0.00	20
3	GEN	Ontario Concrete Products Inc.	641 Burloak Drive Oakville ON L6L 6V9	NNE/62.8	0.00	20
3	NPRI	CON CAST PIPE	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE/62.8	0.00	21
3	NPRI	CON CAST PIPE	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE/62.8	0.00	22
3	NPRI	CON-CAST PIPE INC.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE/62.8	0.00	23
3	NPRI	CON-CAST PIPE INC.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE/62.8	0.00	24
3	GEN	Con-Cast Pipe Inc.	641 Burloak Drive Oakville ON L6L 6V9	NNE/62.8	0.00	25
3	NPRI	CON-CAST PIPE INC.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE/62.8	0.00	26
3	CA	Ontario Concrete Products Inc.	641 Burloak Drive (Temporary address) Oakville ON	NNE/62.8	0.00	27
3	NPRI	CON-CAST PIPE INC.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE/62.8	0.00	27

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	NPRI	CON CAST PIPE LTD.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE/62.8	0.00	28
3	GEN	Con-Cast Pipe Inc.	641 Burloak Drive Oakville ON	NNE/62.8	0.00	28
3	NPRI	CON CAST PIPE LTD.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE/62.8	0.00	29
3	NPRI	CON CAST PIPE LTD.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE/62.8	0.00	30
3	NPRI	CON CAST PIPE INC.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE/62.8	0.00	30
3	ECA	Ontario Concrete Products Inc.	641 Burloak Drive (Temporary address) Oakville ON N1H 6H9	NNE/62.8	0.00	31
3	NPRI	Con Cast Pipe Inc.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE/62.8	0.00	31
4	AST		ON	NNW/66.5	1.00	32
5	WWIS		BURLOAK / REBECCA Oakville ON ***Well ID:*** 7324572	SSE/73.4	0.00	32
6	WWIS		BOVLOAK/ GREAT LAKES BLVD Oakville ON ***Well ID:*** 7172603	E/82.5	0.00	34
7	WWIS		BURLOAK / REBECCA Oakville ON ***Well ID:*** 7324573	WNW/101.8	1.00	36
8	WWIS		VACANT PARCEL N. OF REBECCA ST., E. OF BARLOAK DR. Oakville ON ***Well ID:*** 7122802	SE/123.6	-1.00	38
9	AST		ON	NNE/130.8	0.00	58

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
10	AST		ON	NW/149.6	2.00	58
11	AST		ON	N/187.0	1.00	58
12	EBR	CRH Canada Group Inc.	585 Michigan Drive Unit 1 Oakville Regional Municipality of Halton L6L 0G1 TOWN OF OAKVILLE ON	N/192.4	1.00	59
12	EHS		585 & 603 Michigan Drive Oakville ON	N/192.4	1.00	59
12	GEN	Javelin Technologies	4-585 MICHIGAN DRIVE OAKVILLE ON L6L 0G1	N/192.4	1.00	59
12	GEN	Javelin Technologies	4-585 MICHIGAN DRIVE OAKVILLE ON L6L 0G1	N/192.4	1.00	60
13	AST		ON	NE/211.6	0.00	60
14	WWIS		BURLOAK / REBECCA Oakville ON ***Well ID:*** 7324571	SE/229.9	-2.33	60
15	AST		ON	NNE/248.3	1.00	62
16	RSC	HARVEST BIBLE CHAPEL OAKVILLE	500 Great Lakes Blvd., Oakville ON	ESE/248.3	-2.00	63
17	EASR	INNOMAR STRATEGIES INC.	3470 SUPERIOR CRT OAKVILLE ON L6L 0C4	NW/249.9	2.00	63

Executive Summary: Summary By Data Source

AST - Aboveground Storage Tanks

A search of the AST database, dated May 31, 2014 has found that there are 6 AST site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	NNW	66.54	4
	ON	NNE	130.75	9
	ON	NW	149.59	10
	ON	N	186.97	11
	ON	NE	211.59	13
	ON	NNE	248.28	15

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.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Ontario Concrete Products Inc.	641 Burloak Drive (Temporary address) Oakville ON	NNE	62.81	3

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-May 31, 2021 has found that there are 1 EASR site(s) within approximately 0.25

kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
INNOMAR STRATEGIES INC.	3470 SUPERIOR CRT OAKVILLE ON L6L 0C4	NW	249.93	17

EBR - Environmental Registry

A search of the EBR database, dated 1994-May 31, 2021 has found that there are 2 EBR site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Ontario Concrete Products Inc.	641 Burloak Drive (Temporary address) Oakville Ontario Oakville ON	NNE	62.81	3
CRH Canada Group Inc.	585 Michigan Drive Unit 1 Oakville Regional Municipality of Halton L6L 0G1 TOWN OF OAKVILLE ON	N	192.41	12

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- May 31, 2021 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Ontario Concrete Products Inc.	641 Burloak Drive (Temporary address) Oakville ON N1H 6H9	NNE	62.81	3

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 2 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	n/a Oakville ON	SSE	29.09	1
	585 & 603 Michigan Drive Oakville ON	N	192.41	12

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 5 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Ontario Concrete Products Inc.	641 Burloak Drive Oakville ON L6L 6V9	NNE	62.81	3
Con-Cast Pipe Inc.	641 Burloak Drive Oakville ON L6L 6V9	NNE	62.81	3
Con-Cast Pipe Inc.	641 Burloak Drive Oakville ON	NNE	62.81	3
Javelin Technologies	4-585 MICHIGAN DRIVE OAKVILLE ON L6L 0G1	N	192.41	12
Javelin Technologies	4-585 MICHIGAN DRIVE OAKVILLE ON L6L 0G1	N	192.41	12

NPRI - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-May 2017 has found that there are 11 NPRI site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
CON CAST PIPE	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE	62.81	3
CON CAST PIPE	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE	62.81	3
CON-CAST PIPE INC.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE	62.81	3
CON-CAST PIPE INC.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE	62.81	3

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Con Cast Pipe Inc.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE	62.81	3
CON CAST PIPE INC.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE	62.81	3
CON CAST PIPE LTD.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE	62.81	3
CON CAST PIPE LTD.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE	62.81	3
CON CAST PIPE LTD.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE	62.81	3
CON-CAST PIPE INC.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE	62.81	3
CON-CAST PIPE INC.	641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NNE	62.81	3

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-May 2021 has found that there are 1 RSC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
HARVEST BIBLE CHAPEL OAKVILLE	500 Great Lakes Blvd., Oakville ON	ESE	248.34	16

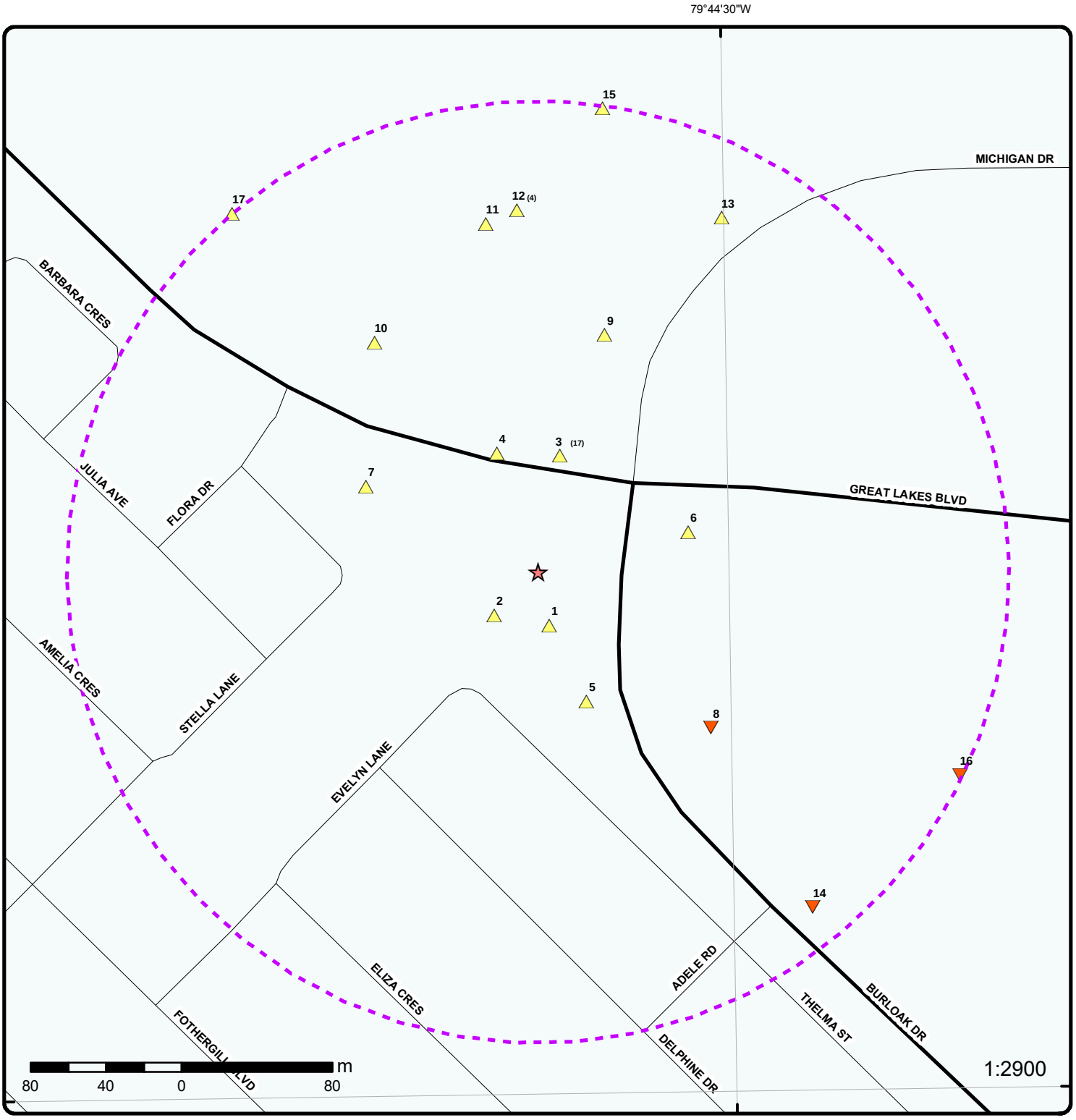
WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 6 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	BURLOAK / REBECCA Oakville ON	SW	32.57	2

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 7325987			
	BURLOAK / REBECCA Oakville ON ***Well ID:*** 7324572	SSE	73.45	5
	BOVLOAK/ GREAT LAKES BLVD Oakville ON ***Well ID:*** 7172603	E	82.51	6
	BURLOAK / REBECCA Oakville ON ***Well ID:*** 7324573	WNW	101.85	7

Lower Elevation	Address	Direction	Distance (m)	Map Key
	VACANT PARCEL N. OF REBECCA ST., E. OF BARLOAK DR. Oakville ON ***Well ID:*** 7122802	SE	123.57	8
	BURLOAK / REBECCA Oakville ON ***Well ID:*** 7324571	SE	229.89	14



Map: 0.25 Kilometer Radius

Order Number: 21071300352

Address: 580 Burloak Drive, Burlington, ON

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

Source: © 2015 DMTI Spatial Inc.

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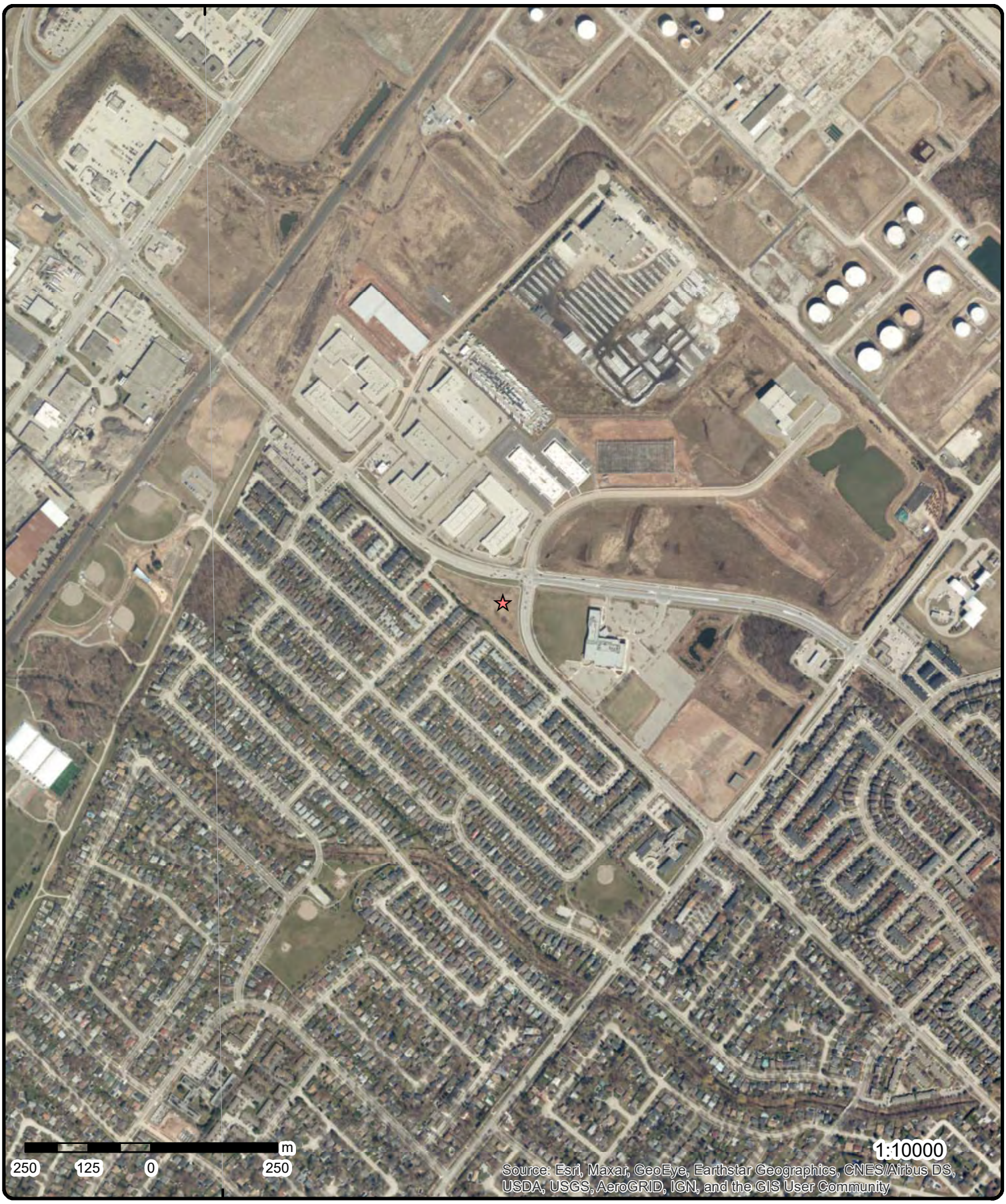

Aerial **Year: 2019**

Order Number: 21071300352

Address: 580 Burloak Drive, Burlington, ON

Source: ESRI World Imagery

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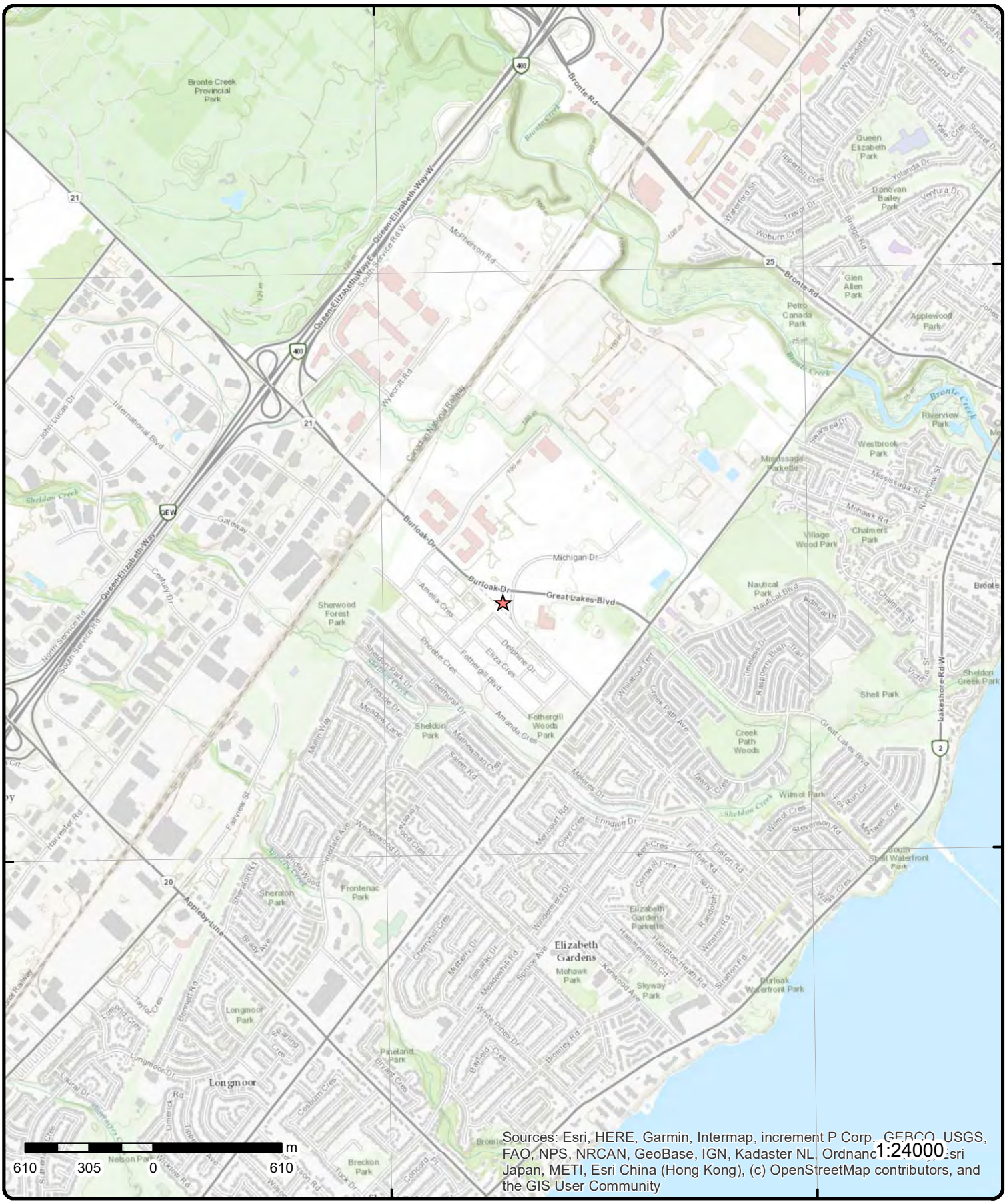

Topographic Map

Order Number: 21071300352

Address: 580 Burloak Drive, ON

Source: ESRI World Topographic Map

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SSE/29.1	97.8 / 0.00	n/a Oakville ON	EHS

Order No:	20180927102	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	05-OCT-18	**Search Radius (km):**	.25
Date Received:	27-SEP-18	**X:**	-79.742869
Previous Site Name:		**Y:**	43.385568
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	SW/32.6	98.1 / 0.30	BURLOAK / REBECCA Oakville ON	WWIS

Well ID:	7325987	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	12/4/2018
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7644
Casing Material:		**Form Version:**	7
Audit No:	Z301325	**Owner:**	
Tag:	A260169	**Street Name:**	BURLOAK / REBECCA
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2018/11/13
Year Completed:	2018
Depth (m):	
Latitude:	43.3856233033581
Longitude:	-79.7432274019182
Path:	

Bore Hole Information

Bore Hole ID:	1007352096	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	601795.00

Code OB Desc:		***North83:***	4804406.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	13-Nov-2018 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1007726641
Layer:	2
Plug From:	19
Plug To:	30
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007726640
Layer:	1
Plug From:	0
Plug To:	19
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007726848
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1007726276
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1007727001
Layer:	1
Slot:	10
Screen Top Depth:	20
Screen End Depth:	30
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.375

Hole Diameter

Hole ID:	1007726777
Diameter:	8.0

Depth From:	0.0
Depth To:	30.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

3 **1 of 17** **NNE/62.8** **97.8 / 0.00** **Ontario Concrete Products Inc.**
641 Burloak Drive (Temporary address) Oakville
Ontario Oakville
ON **EBR**

EBR Registry No:	IA03E1022	**Decision Posted:**	
Ministry Ref No:	9861-5PBPSE	**Exception Posted:**	
Notice Type:	Instrument Decision	**Section:**	
Notice Stage:		**Act 1:**	
Notice Date:	January 15, 2004	**Act 2:**	
Proposal Date:	July 15, 2003	**Site Location Map:**	
Year:	2003		
Instrument Type:	(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)		
Off Instrument Name:			
Posted By:			
Company Name:	Ontario Concrete Products Inc.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	299 Brock Road South, Guelph Ontario, N1H 6H9		
Comment Period:			
URL:			

Site Location Details:

641 Burloak Drive (Temporary address) Oakville Ontario Oakville

3 **2 of 17** **NNE/62.8** **97.8 / 0.00** **Ontario Concrete Products Inc.**
641 Burloak Drive
Oakville ON L6L 6V9 **GEN**

Generator No:	ON5724473	**PO Box No:**	
Status:		**Country:**	
Approval Years:	02,03,04,05,06	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	327332		
SIC Description:			

Detail(s)

Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	3 of 17	NNE/62.8	97.8 / 0.00	CON CAST PIPE 641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NPRI

NPRI ID:	11128	**Org ID:**	43931
Other ID:	N	**Submit Date:**	7/18/2005
No Other ID:		**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	32405	**Contact ID:**	
Report ID:	89292	**Cont Type:**	
Report Type:	NPRI	**Contact Title:**	
Rpt Type ID:	1	**Cont First Name:**	
Report Year:	2004	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	156627	**Contact Ph.:**	
Fac Name:	ONTARIO CONCRETE PRODUCTS	**Cont Area Code:**	
Fac Address1:	641 BURLOAK DRIVE	**Contact Tel.:**	
Fac Address2:	NOT AVAILABLE	**Contact Ext.:**	
Fac Postal Zip:	L6L6V9	**Cont Fax Area Cde:**	
Facility Lat:	43.386	**Contact Fax:**	
Facility Long:	-79.7437	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.3921
Facility DLS:		**Longitude:**	-79.7402
Datum:	1983	**UTM Zone:**	
Facility Cmnts:	True	**UTM Northing:**	
URL:	www.concastpipe.com	**UTM Easting:**	
No of Empl.:	39	**Waste Streams:**	False
Parent Co.:	N	**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	False
Pollut Prev Cmnts:	True	**No Off Sites:**	
Stacks:	No	**Shutdown:**	
No of Stacks:		**No of Shutdown:**	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	32		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3273		
NAICS 4 Description:	Cement and concrete product manufacturing		
NAICS Code (6 digit):	327330		
NAICS 6 Description:	Concrete pipe, brick and block manufacturing		

Substance Release Report

Category Type ID:	13
Category Type Desc:	All Media
Category Type Desc (fr):	Rejets à tous les médias
Grouping:	Total All Media<1t
Trans Code:	
Chem:	PM10 - Particulate Matter <= 10 Microns
Chem (fr):	PM10 - Matière particulaire <= 10 microns
Quantity:	.397
Unit:	tonnes
Basis of Estimate Cd:	
Basis of Estimate Desc:	

Category Type ID:	13
Category Type Desc:	All Media
Category Type Desc (fr):	Rejets à tous les médias
Grouping:	Total All Media<1t
Trans Code:	
Chem:	PM2.5 - Particulate Matter <= 2.5 Microns
Chem (fr):	PM2,5 - Matière particulaire <= 2,5 microns
Quantity:	.397

Unit: tonnes
Basis of Estimate Cd:
Basis of Estimate Desc:

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3 | **4 of 17** | **NNE/62.8** | **97.8 / 0.00** | **CON CAST PIPE**
641 BURLOAK DRIVE NOT AVAILABLE
OAKVILLE ON L6L6V9 | **NPRI**

NPRI ID:	11128	**Org ID:**	43931
Other ID:	N	**Submit Date:**	6/1/2006
No Other ID:		**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	40843	**Contact ID:**	
Report ID:	101277	**Cont Type:**	
Report Type:	NPRI	**Contact Title:**	
Rpt Type ID:	1	**Cont First Name:**	
Report Year:	2005	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	156627	**Contact Ph.:**	
Fac Name:	ONTARIO CONCRETE PRODUCTS	**Cont Area Code:**	
Fac Address1:	641 BURLOAK DRIVE	**Contact Tel.:**	
Fac Address2:	NOT AVAILABLE	**Contact Ext.:**	
Fac Postal Zip:	L6L6V9	**Cont Fax Area Cde:**	
Facility Lat:	43.386	**Contact Fax:**	
Facility Long:	-79.7437	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.3921
Facility DLS:		**Longitude:**	-79.7402
Datum:	1983	**UTM Zone:**	
Facility Cmnts:	False	**UTM Northing:**	
URL:	www.concastpipe.com	**UTM Easting:**	
No of Empl.:	39	**Waste Streams:**	False
Parent Co.:	N	**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	False
Pollut Prev Cmnts:	False	**No Off Sites:**	
Stacks:	False	**Shutdown:**	
No of Stacks:		**No of Shutdown:**	

Canadian SIC Code (2 digit):
Canadian SIC Code:
SIC Code Description:
American SIC Code:
NAICS Code (2 digit): 32
NAICS 2 Description: Manufacturing
NAICS Code (4 digit): 3273
NAICS 4 Description: Cement and concrete product manufacturing
NAICS Code (6 digit): 327330
NAICS 6 Description: Concrete pipe, brick and block manufacturing

Substance Release Report

Category Type ID: 13
Category Type Desc: All Media
Category Type Desc (fr): Rejets à tous les médias
Grouping: Total All Media<1t
Trans Code:
Chem: PM10 - Particulate Matter <= 10 Microns
Chem (fr): PM10 - Matière particulaire <= 10 microns
Quantity: 0
Unit: tonnes
Basis of Estimate Cd:
Basis of Estimate Desc:

Category Type ID: 13
Category Type Desc: All Media
Category Type Desc (fr): Rejets à tous les médias

Grouping:	Total All Media<1t
Trans Code:	
Chem:	PM2.5 - Particulate Matter <= 2.5 Microns
Chem (fr):	PM2,5 - Matière particulaire <= 2,5 microns
Quantity:	.403
Unit:	tonnes
Basis of Estimate Cd:	
Basis of Estimate Desc:	

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3 | ***5 of 17*** | ***NNE/62.8*** | ***97.8 / 0.00*** | ***CON-CAST PIPE INC.***
641 BURLOAK DRIVE NOT AVAILABLE
OAKVILLE ON L6L6V9 | ***NPRI***

NPRI ID:	11128	**Org ID:**	43953
Other ID:	N	**Submit Date:**	5/31/2007
No Other ID:		**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	47994	**Contact ID:**	
Report ID:	104414	**Cont Type:**	
Report Type:	NPRI	**Contact Title:**	
Rpt Type ID:	1	**Cont First Name:**	
Report Year:	2006	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	156627	**Contact Ph.:**	
Fac Name:	ONTARIO CONCRETE PRODUCTS	**Cont Area Code:**	
Fac Address1:	641 BURLOAK DRIVE	**Contact Tel.:**	
Fac Address2:	NOT AVAILABLE	**Contact Ext.:**	
Fac Postal Zip:	L6L6V9	**Cont Fax Area Cde:**	
Facility Lat:	43.386	**Contact Fax:**	
Facility Long:	-79.7437	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.3921
Facility DLS:		**Longitude:**	-79.7402
Datum:	1983	**UTM Zone:**	
Facility Cmnts:	False	**UTM Northing:**	
URL:	www.concastpipe.com	**UTM Easting:**	
No of Empl.:	39	**Waste Streams:**	True¿
Parent Co.:	N	**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	False
Pollut Prev Cmnts:	False	**No Off Sites:**	
Stacks:	True	**Shutdown:**	
No of Stacks:		**No of Shutdown:**	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	32		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3273		
NAICS 4 Description:	Cement and concrete product manufacturing		
NAICS Code (6 digit):	327330		
NAICS 6 Description:	Concrete pipe, brick and block manufacturing		

Substance Release Report

Category Type ID:	13
Category Type Desc:	All Media
Category Type Desc (fr):	Rejets à tous les médias
Grouping:	Total All Media<1t
Trans Code:	
Chem:	PM2.5 - Particulate Matter <= 2.5 Microns
Chem (fr):	PM2,5 - Matière particulaire <= 2,5 microns
Quantity:	.413
Unit:	tonnes
Basis of Estimate Cd:	

Basis of Estimate Desc:

Category Type ID: 13
Category Type Desc: All Media
Category Type Desc (fr): Rejets à tous les médias
Grouping: Total All Media<1t
Trans Code:
Chem: PM10 - Particulate Matter <= 10 Microns
Chem (fr): PM10 - Matière particulaire <= 10 microns
Quantity: 0
Unit: tonnes
Basis of Estimate Cd:
Basis of Estimate Desc:

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3 | **6 of 17** | **NNE/62.8** | **97.8 / 0.00** | **CON-CAST PIPE INC.**
641 BURLOAK DRIVE NOT AVAILABLE
OAKVILLE ON L6L6V9 | **NPRI**

NPRI ID: 11128
Other ID: N
No Other ID:
Track ID: 59901
Report ID: 119482
Report Type: NPRI
Rpt Type ID: 1
Report Year: 2007
Not-Current Rpt?: No
Yr of Last Filed Rpt: 2014
Fac ID: 156627
Fac Name: ONTARIO CONCRETE PRODUCTS
Fac Address1: 641 BURLOAK DRIVE
Fac Address2: NOT AVAILABLE
Fac Postal Zip: L6L6V9
Facility Lat: 43.386
Facility Long: -79.7437
DLS (Last Filed Rpt):
Facility DLS:
Datum: 1983
Facility Cmnts: False
URL: www.concastpipe.com
No of Empl.: 39
Parent Co.: N
No Parent Co.:
Pollut Prev Cmnts: False
Stacks: True
No of Stacks:
Canadian SIC Code (2 digit):
Canadian SIC Code:
SIC Code Description:
American SIC Code:
NAICS Code (2 digit): 32
NAICS 2 Description: Manufacturing
NAICS Code (4 digit): 3273
NAICS 4 Description: Cement and concrete product manufacturing
NAICS Code (6 digit): 327330
NAICS 6 Description: Concrete pipe, brick and block manufacturing

Org ID: 43953
Submit Date: 6/2/2008
Last Modified: 5/29/2015 3:28:24 PM
Contact ID:
Cont Type:
Contact Title:
Cont First Name:
Cont Last Name:
Contact Position:
Contact Fax:
Contact Ph.:
Cont Area Code:
Contact Tel.:
Contact Ext.:
Cont Fax Area Cde:
Contact Fax:
Contact Email:
Latitude: 43.3921
Longitude: -79.7402
UTM Zone:
UTM Northing:
UTM Easting:
Waste Streams: True¿
No Streams:
Waste Off Sites: True¿
No Off Sites:
Shutdown:
No of Shutdown:

Substance Release Report

Category Type ID: 13
Category Type Desc: All Media
Category Type Desc (fr): Rejets à tous les médias
Grouping: Total All Media<1t
Trans Code:

Chem: PM2.5 - Particulate Matter <= 2.5 Microns
Chem (fr): PM2,5 - Matière particulaire <= 2,5 microns
Quantity: .421
Unit: tonnes
Basis of Estimate Cd:
Basis of Estimate Desc:

Category Type ID: 6
Category Type Desc: Road dust
Category Type Desc (fr): Poussières de routes
Grouping: Total Air
Trans Code:
Chem: PM2.5 - Particulate Matter <= 2.5 Microns
Chem (fr): PM2,5 - Matière particulaire <= 2,5 microns
Quantity: .076
Unit: tonnes
Basis of Estimate Cd: E2
Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward

Category Type ID: 13
Category Type Desc: All Media
Category Type Desc (fr): Rejets à tous les médias
Grouping: Total All Media<1t
Trans Code:
Chem: PM10 - Particulate Matter <= 10 Microns
Chem (fr): PM10 - Matière particulaire <= 10 microns
Quantity: .421
Unit: tonnes
Basis of Estimate Cd:
Basis of Estimate Desc:

Category Type ID: 6
Category Type Desc: Road dust
Category Type Desc (fr): Poussières de routes
Grouping: Total Air
Trans Code:
Chem: PM10 - Particulate Matter <= 10 Microns
Chem (fr): PM10 - Matière particulaire <= 10 microns
Quantity: .498
Unit: tonnes
Basis of Estimate Cd: E2
Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward

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3 | **7 of 17** | **NNE/62.8** | **97.8 / 0.00** | **Con-Cast Pipe Inc.**
641 Burloak Drive
Oakville ON L6L 6V9 | **GEN**

Generator No: ON5724473
Status:
Approval Years: 07,08
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221

Waste Class Desc:	LIGHT FUELS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

3 **8 of 17** **NNE/62.8** **97.8 / 0.00**

CON-CAST PIPE INC.
641 BURLOAK DRIVE NOT AVAILABLE
OAKVILLE ON L6L6V9

NPRI

NPRI ID:	11128	**Org ID:**	43953
Other ID:	N	**Submit Date:**	5/12/2009
No Other ID:		**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	62592	**Contact ID:**	
Report ID:	123040	**Cont Type:**	
Report Type:	NPRI	**Contact Title:**	
Rpt Type ID:	1	**Cont First Name:**	
Report Year:	2008	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	156627	**Contact Ph.:**	
Fac Name:	ONTARIO CONCRETE PRODUCTS	**Cont Area Code:**	
Fac Address1:	641 BURLOAK DRIVE	**Contact Tel.:**	
Fac Address2:	NOT AVAILABLE	**Contact Ext.:**	
Fac Postal Zip:	L6L6V9	**Cont Fax Area Cde:**	
Facility Lat:	43.386	**Contact Fax:**	
Facility Long:	-79.7437	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.3921
Facility DLS:		**Longitude:**	-79.7402
Datum:	1983	**UTM Zone:**	
Facility Cmnts:	No	**UTM Northing:**	
URL:	www.concastpipe.com	**UTM Easting:**	
No of Empl.:	39	**Waste Streams:**	No
Parent Co.:	N	**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	No
Pollut Prev Cmnts:	No	**No Off Sites:**	
Stacks:	No	**Shutdown:**	No
No of Stacks:		**No of Shutdown:**	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	32		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3273		
NAICS 4 Description:	Cement and concrete product manufacturing		
NAICS Code (6 digit):	327330		
NAICS 6 Description:	Concrete pipe, brick and block manufacturing		

Substance Release Report

Category Type ID:	13
Category Type Desc:	All Media
Category Type Desc (fr):	Rejets à tous les médias
Grouping:	Total All Media<1t
Trans Code:	
Chem:	PM2.5 - Particulate Matter <= 2.5 Microns
Chem (fr):	PM2,5 - Matière particulaire <= 2,5 microns
Quantity:	.359
Unit:	tonnes
Basis of Estimate Cd:	
Basis of Estimate Desc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	9 of 17	NNE/62.8	97.8 / 0.00	Ontario Concrete Products Inc. 641 Burloak Drive (Temporary address) Oakville ON	CA

Certificate #: 1068-5UGPRX
Application Year: 2004
Issue Date: 1/13/2004
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	10 of 17	NNE/62.8	97.8 / 0.00	CON-CAST PIPE INC. 641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NPRI

NPRI ID:	11128	**Org ID:**	43953
Other ID:	N	**Submit Date:**	5/14/2010
No Other ID:		**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	83658	**Contact ID:**	
Report ID:	137519	**Cont Type:**	
Report Type:	NPRI	**Contact Title:**	
Rpt Type ID:	1	**Cont First Name:**	
Report Year:	2009	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	156627	**Contact Ph.:**	
Fac Name:	ONTARIO CONCRETE PRODUCTS	**Cont Area Code:**	
Fac Address1:	641 BURLOAK DRIVE	**Contact Tel.:**	
Fac Address2:	NOT AVAILABLE	**Contact Ext.:**	
Fac Postal Zip:	L6L6V9	**Cont Fax Area Cde:**	
Facility Lat:	43.386	**Contact Fax:**	
Facility Long:	-79.7437	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.3921
Facility DLS:		**Longitude:**	-79.7402
Datum:	1983	**UTM Zone:**	
Facility Cmnts:	No	**UTM Northing:**	
URL:	www.concastpipe.com	**UTM Easting:**	
No of Empl.:	39	**Waste Streams:**	No
Parent Co.:	N	**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	No
Pollut Prev Cmnts:	No	**No Off Sites:**	
Stacks:	No	**Shutdown:**	No
No of Stacks:		**No of Shutdown:**	

Canadian SIC Code (2 digit):
Canadian SIC Code:
SIC Code Description:
American SIC Code:
NAICS Code (2 digit): 32
NAICS 2 Description: Manufacturing
NAICS Code (4 digit): 3273
NAICS 4 Description: Cement and concrete product manufacturing
NAICS Code (6 digit): 327330
NAICS 6 Description: Concrete pipe, brick and block manufacturing

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

Substance Release Report

Category Type ID:	13
Category Type Desc:	All Media
Category Type Desc (fr):	Rejets à tous les médias
Grouping:	Total All Media<1t
Trans Code:	
Chem:	PM2.5 - Particulate Matter <= 2.5 Microns
Chem (fr):	PM2,5 - Matière particulaire <= 2,5 microns
Quantity:	.336
Unit:	tonnes
Basis of Estimate Cd:	
Basis of Estimate Desc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	11 of 17	NNE/62.8	97.8 / 0.00	***CON CAST PIPE LTD.*** ***641 BURLOAK DRIVE NOT AVAILABLE*** ***OAKVILLE ON L6L6V9***	***NPRI***

NPRI ID:	11128	***Org ID:***	43937
Other ID:	Y	***Submit Date:***	6/17/2011
No Other ID:	2	***Last Modified:***	5/29/2015 3:28:24 PM
Track ID:	92031	***Contact ID:***	120580
Report ID:	146089	***Cont Type:***	MED
Report Type:	DNMC	***Contact Title:***	
Rpt Type ID:	2	***Cont First Name:***	BENTE
Report Year:	2010	***Cont Last Name:***	MCKENNA
Not-Current Rpt?:	No	***Contact Position:***	HUMAN RESOURCES MANAGER
Yr of Last Filed Rpt:	2014	***Contact Fax:***	
Fac ID:	156627	***Contact Ph.:***	5197638655
Fac Name:	ONTARIO CONCRETE PRODUCTS	***Cont Area Code:***	519
Fac Address1:	641 BURLOAK DRIVE	***Contact Tel.:***	97638655
Fac Address2:	NOT AVAILABLE	***Contact Ext.:***	232
Fac Postal Zip:	L6L6V9	***Cont Fax Area Cde:***	
Facility Lat:	43.386	***Contact Fax:***	
Facility Long:	-79.7437	***Contact Email:***	BMCKENNA@CONCASTPIPE.COM
DLS (Last Filed Rpt):		***Latitude:***	43.3921
Facility DLS:		***Longitude:***	-79.7402
Datum:	1983	***UTM Zone:***	
Facility Cmnts:	No	***UTM Northing:***	
URL:	www.concastpipe.com	***UTM Easting:***	
No of Empl.:	39	***Waste Streams:***	No
Parent Co.:	*	***No Streams:***	
No Parent Co.:		***Waste Off Sites:***	No
Pollut Prev Cmnts:	No	***No Off Sites:***	
Stacks:	No	***Shutdown:***	No
No of Stacks:		***No of Shutdown:***	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	32		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3273		
NAICS 4 Description:	Cement and concrete product manufacturing		
NAICS Code (6 digit):	327330		
NAICS 6 Description:	Concrete pipe, brick and block manufacturing		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	12 of 17	NNE/62.8	97.8 / 0.00	***Con-Cast Pipe Inc.*** ***641 Burloak Drive*** ***Oakville ON***	***GEN***

Generator No:	ON5724473	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2009	***Choice of Contact:***	

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

Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 327332
SIC Description:

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

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

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3 ***13 of 17*** ***NNE/62.8*** ***97.8 / 0.00*** ***CON CAST PIPE LTD.***
641 BURLOAK DRIVE NOT AVAILABLE
OAKVILLE ON L6L6V9 ***NPRI***

NPRI ID: 11128
Other ID:
No Other ID:
Track ID: 102753
Report ID: 7851
Report Type: DNMC
Rpt Type ID: 2
Report Year: 2011
Not-Current Rpt?: No
Yr of Last Filed Rpt: 2014
Fac ID: 156627
Fac Name: ONTARIO CONCRETE PRODUCTS
Fac Address1: 641 BURLOAK DRIVE
Fac Address2: NOT AVAILABLE
Fac Postal Zip: L6L6V9
Facility Lat: 43.386
Facility Long: -79.7437
DLS (Last Filed Rpt):
Facility DLS:
Datum: 1983
Facility Cmnts:
URL: www.concastpipe.com
No of Empl.:
Parent Co.:
No Parent Co.:
Pollut Prev Cmnts:
Stacks:
No of Stacks:
Canadian SIC Code (2 digit):
Canadian SIC Code:
SIC Code Description:
American SIC Code:
NAICS Code (2 digit): 32
NAICS 2 Description: Manufacturing
NAICS Code (4 digit): 3273
NAICS 4 Description: Cement and concrete product manufacturing
NAICS Code (6 digit): 327330
NAICS 6 Description: Concrete pipe, brick and block manufacturing

Org ID: 43937
Submit Date: 6/29/2012
Last Modified: 5/29/2015 3:28:24 PM
Contact ID: 120580
Cont Type: MED
Contact Title:
Cont First Name: BENTE
Cont Last Name: MCKENNA
Contact Position: HUMAN RESOURCES MANAGER
Contact Fax:
Contact Ph.: 5197638655
Cont Area Code: 519
Contact Tel.: 97638655
Contact Ext.: 232
Cont Fax Area Cde:
Contact Fax:
Contact Email: BMCKENNA@CONCASTPIPE.COM
Latitude: 43.3921
Longitude: -79.7402
UTM Zone:
UTM Northing:
UTM Easting:
Waste Streams:
No Streams:
Waste Off Sites:
No Off Sites:
Shutdown:
No of Shutdown:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	14 of 17	NNE/62.8	97.8 / 0.00	CON CAST PIPE LTD. 641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NPRI

NPRI ID:	11128	**Org ID:**	43937
Other ID:		**Submit Date:**	6/3/2013
No Other ID:		**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	109016	**Contact ID:**	235104
Report ID:	22197	**Cont Type:**	MED
Report Type:	DNMC	**Contact Title:**	
Rpt Type ID:	2	**Cont First Name:**	
Report Year:	2012	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	156627	**Contact Ph.:**	
Fac Name:	ONTARIO CONCRETE PRODUCTS	**Cont Area Code:**	
Fac Address1:	641 BURLOAK DRIVE	**Contact Tel.:**	
Fac Address2:	NOT AVAILABLE	**Contact Ext.:**	
Fac Postal Zip:	L6L6V9	**Cont Fax Area Cde:**	
Facility Lat:	43.386	**Contact Fax:**	
Facility Long:	-79.7437	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.3921
Facility DLS:		**Longitude:**	-79.7402
Datum:	1983	**UTM Zone:**	
Facility Cmnts:		**UTM Northing:**	
URL:	www.concastpipe.com	**UTM Easting:**	
No of Empl.:		**Waste Streams:**	
Parent Co.:		**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	
Pollut Prev Cmnts:		**No Off Sites:**	
Stacks:		**Shutdown:**	
No of Stacks:		**No of Shutdown:**	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	32		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3273		
NAICS 4 Description:	Cement and concrete product manufacturing		
NAICS Code (6 digit):	327330		
NAICS 6 Description:	Concrete pipe, brick and block manufacturing		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	15 of 17	NNE/62.8	97.8 / 0.00	CON CAST PIPE INC. 641 BURLOAK DRIVE NOT AVAILABLE OAKVILLE ON L6L6V9	NPRI

NPRI ID:	11128	**Org ID:**	102097
Other ID:		**Submit Date:**	5/14/2014
No Other ID:		**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	116151	**Contact ID:**	235104
Report ID:	30258	**Cont Type:**	MED
Report Type:	DNMC	**Contact Title:**	
Rpt Type ID:	2	**Cont First Name:**	
Report Year:	2013	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	224097	**Contact Ph.:**	
Fac Name:	CON CAST OAKVILLE	**Cont Area Code:**	
Fac Address1:	641 BURLOAK DRIVE	**Contact Tel.:**	
Fac Address2:	NOT AVAILABLE	**Contact Ext.:**	
Fac Postal Zip:	L6L6V9	**Cont Fax Area Cde:**	
Facility Lat:	43.386	**Contact Fax:**	

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

Facility Long:	-79.7437	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.3921
Facility DLS:		**Longitude:**	-79.7402
Datum:	1983	**UTM Zone:**	
Facility Cmnts:		**UTM Northing:**	
URL:	www.concastpipe.com	**UTM Easting:**	
No of Empl.:		**Waste Streams:**	
Parent Co.:		**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	
Pollut Prev Cmnts:		**No Off Sites:**	
Stacks:		**Shutdown:**	
No of Stacks:		**No of Shutdown:**	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	32		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3273		
NAICS 4 Description:	Cement and concrete product manufacturing		
NAICS Code (6 digit):	327330		
NAICS 6 Description:	Concrete pipe, brick and block manufacturing		

3	16 of 17	NNE/62.8	97.8 / 0.00	**Ontario Concrete Products Inc.** **641 Burloak Drive (Temporary address)** **Oakville ON N1H 6H9**	ECA

Approval No:	1068-5UGPRX	**MOE District:**	Halton-Peel
Approval Date:	2004-01-13	**City:**	
Status:	Approved	**Longitude:**	-79.74567
Record Type:	ECA	**Latitude:**	43.38742
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Halton	**Geometry Y:**	
Approval Type:	ECA-AIR		
Project Type:	AIR		
Business Name:	Ontario Concrete Products Inc.		
Address:	641 Burloak Drive (Temporary address)		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/9861-5PBPSE-14.pdf		

3	17 of 17	NNE/62.8	97.8 / 0.00	**Con Cast Pipe Inc.** **641 BURLOAK DRIVE NOT AVAILABLE** **OAKVILLE ON L6L6V9**	NPRI

NPRI ID:	11128	**Org ID:**	105757
Other ID:		**Submit Date:**	5/31/2016
No Other ID:		**Last Modified:**	11/18/2016 8:28:05 AM
Track ID:	140278	**Contact ID:**	236733
Report ID:	75023	**Cont Type:**	MEM
Report Type:	DNMC	**Contact Title:**	
Rpt Type ID:	2	**Cont First Name:**	Andrew
Report Year:	2015	**Cont Last Name:**	Cleland
Not-Current Rpt?:	No	**Contact Position:**	QA/QC Mananger
Yr of Last Filed Rpt:	2014	**Contact Fax:**	5197631956
Fac ID:	224097	**Contact Ph.:**	5197638655
Fac Name:	CON CAST OAKVILLE	**Cont Area Code:**	519
Fac Address1:	641 BURLOAK DRIVE	**Contact Tel.:**	97638655
Fac Address2:	NOT AVAILABLE	**Contact Ext.:**	
Fac Postal Zip:	L6L6V9	**Cont Fax Area Cde:**	519
Facility Lat:	43.386	**Contact Fax:**	97631956
Facility Long:	-79.7437	**Contact Email:**	acleland@concastpipe.com
DLS (Last Filed Rpt):		**Latitude:**	43.3921
Facility DLS:		**Longitude:**	-79.7402

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

Datum:	1983	**UTM Zone:**	
Facility Cmnts:		**UTM Northing:**	
URL:		**UTM Easting:**	
No of Empl.:		**Waste Streams:**	
Parent Co.:		**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	
Pollut Prev Cmnts:		**No Off Sites:**	
Stacks:		**Shutdown:**	
No of Stacks:		**No of Shutdown:**	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	32		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3273		
NAICS 4 Description:	Cement and concrete product manufacturing		
NAICS Code (6 digit):	327330		
NAICS 6 Description:	Concrete pipe, brick and block manufacturing		

4 **1 of 1** **NNW/66.5** **98.8 / 1.00** **ON** **AST**

OGF ID:	1200715017
Sub Type:	Petroleum Tank
Sub Type No:	1332
Location Accuracy:	Within 10 metres
Sensitivity Class:	Non-Sensitive
Sensitivity Date:	20070106
Sensitivity Rationale:	No Restriction Needed
Verification Flag:	Verified
Verification Date:	19980522
Business Effective Dt Flag:	Estimated
Business Effective Dt:	19980522
Sys Calcu Area:	1235.305
Sys Calcu Length:	0.0
User Calc Metric:	0.0
Effective Date/Time:	19980522

5 **1 of 1** **SSE/73.4** **97.8 / 0.00** **BURLOAK / REBECCA**
Oakville ON **WWIS**

Well ID:	7324572	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	12/21/2018
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7644
Casing Material:		**Form Version:**	7
Audit No:	Z301356	**Owner:**	
Tag:	A260279	**Street Name:**	BURLOAK / REBECCA
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2018/11/21
Year Completed: 2018
Depth (m):
Latitude: 43.3852025481361
Longitude: -79.7426311457854
Path:

Bore Hole Information

Bore Hole ID: 1007325439
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 21-Nov-2018 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 601844.00
North83: 4804360.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1007724974
Layer: 2
Plug From: 22
Plug To: 33
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007724973
Layer: 1
Plug From: 0
Plug To: 22
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007725218
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1007724586
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID:	1007725391
Layer:	1
Slot:	10
Screen Top Depth:	23
Screen End Depth:	33
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.375

Hole Diameter

Hole ID:	1007725132
Diameter:	6.0
Depth From:	0.0
Depth To:	33.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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6 ***1 of 1*** ***E/82.5*** ***97.8 / 0.00*** ***BOVLOAK/ GREAT LAKES BLVD***
Oakville ON ***WWIS***

Well ID:	7172603	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	11/29/2011
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	
Water Type:		***Contractor:***	6032
Casing Material:		***Form Version:***	7
Audit No:	Z121318	***Owner:***	
Tag:		***Street Name:***	BOVLOAK/ GREAT LAKES BLVD
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7172603.pdf

Additional Detail(s) (Map)

Well Completed Date:	2011/08/02
Year Completed:	2011
Depth (m):	
Latitude:	43.3860054246991
Longitude:	-79.7419478606139
Path:	717\7172603.pdf

Bore Hole Information

Bore Hole ID:	1003614286	***Elevation:***	97.898605
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17

Code OB:		***East83:***	601898.00
Code OB Desc:		***North83:***	4804450.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	02-Aug-2011 00:00:00	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1004112679
Layer:	1
Plug From:	0
Plug To:	20
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1004112678
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1004112671
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004112675
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1004112676
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

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

Water Details

Water ID: 1004112674
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1004112673
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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7 | ***1 of 1*** | ***WNW/101.8*** | ***98.8 / 1.00*** | ***BURLOAK / REBECCA***
Oakville ON | ***WWIS***

Well ID: 7324573
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use:
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z301332
Tag: A260198
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 12/21/2018
Selected Flag: True
Abandonment Rec:
Contractor: 7644
Form Version: 7
Owner:
Street Name: BURLOAK / REBECCA
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2018/11/20
Year Completed: 2018
Depth (m):
Latitude: 43.3862446825486
Longitude: -79.7440540991833
Path:

Bore Hole Information

Bore Hole ID: 1007325442
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:

Elevation:
Elevrc:
Zone: 17
East83: 601727.00
North83: 4804474.00
Org CS: UTM83
UTMRC: 4

Date Completed: 20-Nov-2018 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1007724975
Layer: 1
Plug From: 0
Plug To: 22
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007724976
Layer: 2
Plug From: 22
Plug To: 33
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007725219
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1007724587
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1007725392
Layer: 1
Slot: 10
Screen Top Depth: 23
Screen End Depth: 33
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.375

Hole Diameter

Hole ID: 1007725133
Diameter: 6.0
Depth From: 0.0
Depth To: 33.0
Hole Depth UOM: ft

Hole Diameter UOM: inch

---

8 | **1 of 1** | **SE/123.6** | **96.8 / -1.00** | **VACANT PARCEL N. OF REBECCA ST., E. OF BARLOAK DR.**
Oakville ON | **WWIS**

Well ID:	7122802	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	5/7/2009
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	5
Audit No:	M05250	**Owner:**	
Tag:	A081044	**Street Name:**	VACANT PARCEL N. OF REBECCA ST., E. OF BARLOAK DR.
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122802.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/04/15
Year Completed: 2009
Depth (m):
Latitude: 43.3856836318693
Longitude: -79.7388927059144
Path: 712\7122802.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122802.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/04/15
Year Completed: 2009
Depth (m):
Latitude: 43.3854539453438
Longitude: -79.7384777053464
Path: 712\7122802.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122802.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/04/15
Year Completed: 2009
Depth (m):
Latitude: 43.3854848223405
Longitude: -79.741279599973
Path: 712\7122802.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122802.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/04/14
Year Completed: 2009
Depth (m):
Latitude: 43.3852301134583
Longitude: -79.7385934608679
Path: 712\7122802.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122802.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/04/15
Year Completed: 2009
Depth (m):
Latitude: 43.3855858474178
Longitude: -79.7381910119214
Path: 712\7122802.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122802.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/04/15
Year Completed: 2009
Depth (m):
Latitude: 43.3857927270563
Longitude: -79.73980405033
Path: 712\7122802.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122802.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/04/14
Year Completed: 2009
Depth (m):
Latitude: 43.3848832441836
Longitude: -79.7389833754381
Path: 712\7122802.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122802.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/04/15
Year Completed: 2009
Depth (m): 6.096
Latitude: 43.3858653980055
Longitude: -79.7406791140024
Path: 712\7122802.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122802.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/04/14
Year Completed: 2009
Depth (m):

Latitude: 43.3846002250283
Longitude: -79.7386312148764
Path: 712\7122802.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122802.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/04/15
Year Completed: 2009
Depth (m):
Latitude: 43.3850675551332
Longitude: -79.7418191078763
Path: 712\7122802.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122802.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/04/14
Year Completed: 2009
Depth (m):
Latitude: 43.3844619224971
Longitude: -79.7383377845702
Path: 712\7122802.pdf

Bore Hole Information

Bore Hole ID:	1002758905	***Elevation:***	97.010948
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	601953.00
Code OB Desc:		***North83:***	4804393.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	3
Date Completed:	15-Apr-2009 00:00:00	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID: 1002758909
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002758908
Method Construction Code:
Method Construction:
Other Method Construction: AIR ROTARY

Pipe Information

Pipe ID: 1002758910
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002758912
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 5
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1002758911
Layer:
Slot:
Screen Top Depth: 5
Screen End Depth: 20
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002758913
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002758907
Diameter: 2.5
Depth From:
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Bore Hole Information

Bore Hole ID: 1002758878 ***Elevation:*** 94.814743

DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	602203.00
Code OB Desc:		**North83:**	4804408.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:	This is a record from cluster log sheet	**UTMRC:**	3
Date Completed:	15-Apr-2009 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1002758882
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1002758881
Method Construction Code:	
Method Construction:	
Other Method Construction:	AIR ROTARY

Pipe Information

Pipe ID:	1002758883
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002758885
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	5
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1002758884
Layer:	
Slot:	
Screen Top Depth:	5
Screen End Depth:	20
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1002758886
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	
Rate UOM:	
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1002758880
Diameter:	2.5
Depth From:	
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Bore Hole Information

Bore Hole ID:	1002758860	***Elevation:***	94.886627
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	602171.00
Code OB Desc:		***North83:***	4804368.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	3
Date Completed:	14-Apr-2009 00:00:00	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1002758864
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1002758863
Method Construction Code:	
Method Construction:	

Other Method Construction: AIR ROTARY

Pipe Information

Pipe ID: 1002758865
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002758867
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 5
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1002758866
Layer:
Slot:
Screen Top Depth: 5
Screen End Depth: 20
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002758868
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002758862
Diameter: 2.5
Depth From:
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Bore Hole Information

Bore Hole ID:	1002758887	***Elevation:***	95.186409
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	602146.00
Code OB Desc:		***North83:***	4804418.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	3
Date Completed:	15-Apr-2009 00:00:00	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1002758891
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1002758890
Method Construction Code:	
Method Construction:	
Other Method Construction:	AIR ROTARY

Pipe Information

Pipe ID:	1002758892
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002758894
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	5
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1002758893
Layer:	
Slot:	
Screen Top Depth:	5
Screen End Depth:	20
Screen Material:	

Screen Depth UOM: ft
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002758895
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002758889
Diameter: 2.5
Depth From:
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Bore Hole Information

Bore Hole ID: 1002758851
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 14-Apr-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 94.929931
Elevrc:
Zone: 17
East83: 602140.00
North83: 4804329.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002758855
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002758854
Method Construction Code:
Method Construction:
Other Method Construction: AIR ROTARY

Pipe Information

Pipe ID: 1002758856
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002758858
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 5
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1002758857
Layer:
Slot:
Screen Top Depth: 5
Screen End Depth: 20
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002758859
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002758853
Diameter: 2.5
Depth From:
Depth To: 20.0
Hole Depth UOM: ft

Hole Diameter UOM: inch

Bore Hole Information

Bore Hole ID:	1002758896	**Elevation:**	95.896186
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	602072.00
Code OB Desc:		**North83:**	4804429.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:	This is a record from cluster log sheet	**UTMRC:**	3
Date Completed:	15-Apr-2009 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1002758900
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1002758899
Method Construction Code:	
Method Construction:	
Other Method Construction:	AIR ROTARY

Pipe Information

Pipe ID:	1002758901
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002758903
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	5
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1002758902
Layer:	
Slot:	

Screen Top Depth: 5
Screen End Depth: 20
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002758904
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002758898
Diameter: 2.5
Depth From:
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Bore Hole Information

Bore Hole ID: 1002758869
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 15-Apr-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation: 94.922431
Elevrc:
Zone: 17
East83: 602180.00
North83: 4804393.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002758873
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID:	1002758872
Method Construction Code:	
Method Construction:	
Other Method Construction:	AIR ROTARY

Pipe Information

Pipe ID:	1002758874
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002758876
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	5
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1002758875
Layer:	
Slot:	
Screen Top Depth:	5
Screen End Depth:	20
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1002758877
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	
Rate UOM:	
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1002758871
Diameter:	2.5

Depth From:
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Bore Hole Information

Bore Hole ID: 1002758833
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 14-Apr-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 94.137901
Elevrc:
Zone: 17
East83: 602193.00
North83: 4804283.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002758837
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002758836
Method Construction Code:
Method Construction:
Other Method Construction: AIR ROTARY

Pipe Information

Pipe ID: 1002758838
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002758840
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 5
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1002758839
Layer:
Slot:
Screen Top Depth: 5
Screen End Depth: 20
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002758841
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002758835
Diameter: 2.5
Depth From:
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Bore Hole Information

Bore Hole ID: 1002758842
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 14-Apr-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation: 94.466529
Elevrc:
Zone: 17
East83: 602169.00
North83: 4804298.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002758846
Layer:
Plug From:

Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002758845
Method Construction Code:
Method Construction:
Other Method Construction: AIR ROTARY

Pipe Information

Pipe ID: 1002758847
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002758849
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 5
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1002758848
Layer:
Slot:
Screen Top Depth: 5
Screen End Depth: 20
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002758850
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002758844
Diameter: 2.5
Depth From:
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Bore Hole Information

Bore Hole ID: 1002758914
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 15-Apr-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 97.163131
Elevrc:
Zone: 17
East83: 601910.00
North83: 4804346.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002758918
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002758917
Method Construction Code:
Method Construction:
Other Method Construction: AIR ROTARY

Pipe Information

Pipe ID: 1002758919
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002758921
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 5
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: ft

Construction Record - Screen

Screen ID:	1002758920
Layer:	
Slot:	
Screen Top Depth:	5
Screen End Depth:	20
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1002758922
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	
Rate UOM:	
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1002758916
Diameter:	2.5
Depth From:	
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Bore Hole Information

Bore Hole ID:	1002422470	***Elevation:***	96.654685
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	602001.00
Code OB Desc:		***North83:***	4804436.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	15-Apr-2009 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1002758929
Layer:	2
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	92
Mat3 Desc:	WEATHERED
Formation Top Depth:	8.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1002758928
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	34
Most Common Material:	TILL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	8.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1002758932
Layer:	2
Plug From:	1
Plug To:	4
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1002758931
Layer:	1
Plug From:	0
Plug To:	1
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1002758933
Layer:	3
Plug From:	4
Plug To:	20
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1002758937

Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1002758927
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002758934
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 5
Casing Diameter: 1.25
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1002758935
Layer: 1
Slot: 10
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.25

Hole Diameter

Hole ID: 1002758930
Diameter: 2.5
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Bore Hole Information

Bore Hole ID: 1002758923
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

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

Method of Construction & Well Use

Method Construction ID:	1002758926
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Hole Diameter

Hole ID:	1002758925
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	1 of 1	NNE/130.8	97.8 / 0.00	ON	AST

OGF ID:	1200715014
Sub Type:	Petroleum Tank
Sub Type No:	1332
Location Accuracy:	Within 10 metres
Sensitivity Class:	Non-Sensitive
Sensitivity Date:	20070106
Sensitivity Rationale:	No Restriction Needed
Verification Flag:	Verified
Verification Date:	19980522
Business Effective Dt Flag:	Estimated
Business Effective Dt:	19980522
Sys Calcu Area:	1235.305
Sys Calcu Length:	0.0
User Calc Metric:	0.0
Effective Date/Time:	19980522

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	1 of 1	NW/149.6	99.8 / 2.00	ON	AST

OGF ID:	1200715015
Sub Type:	Petroleum Tank
Sub Type No:	1332
Location Accuracy:	Within 10 metres
Sensitivity Class:	Non-Sensitive
Sensitivity Date:	20070106
Sensitivity Rationale:	No Restriction Needed
Verification Flag:	Verified
Verification Date:	19980522
Business Effective Dt Flag:	Estimated
Business Effective Dt:	19980522
Sys Calcu Area:	1235.305
Sys Calcu Length:	0.0
User Calc Metric:	0.0
Effective Date/Time:	19980522

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	1 of 1	N/187.0	98.8 / 1.00	ON	AST

OGF ID:	1200715013
Sub Type:	Petroleum Tank

Sub Type No:	1332
Location Accuracy:	Within 10 metres
Sensitivity Class:	Non-Sensitive
Sensitivity Date:	20070106
Sensitivity Rationale:	No Restriction Needed
Verification Flag:	Verified
Verification Date:	19980522
Business Effective Dt Flag:	Estimated
Business Effective Dt:	19980522
Sys Calcu Area:	1235.305
Sys Calcu Length:	0.0
User Calc Metric:	0.0
Effective Date/Time:	19980522

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12 | ***1 of 4*** | ***N/192.4*** | ***98.8 / 1.00*** | ***CRH Canada Group Inc.***
585 Michigan Drive Unit 1 Oakville Regional Municipality of Halton L6L 0G1 TOWN OF OAKVILLE
ON | ***EBR***

EBR Registry No:	013-0528	**Decision Posted:**	
Ministry Ref No:	6678-AL6PCN	**Exception Posted:**	
Notice Type:	Instrument Proposal	**Section:**	
Notice Stage:		**Act 1:**	
Notice Date:	February 15, 2018	**Act 2:**	
Proposal Date:	February 15, 2018	**Site Location Map:**	
Year:	2018		

Instrument Type: (EPA Part II.1-air) - Environmental Compliance Approval (project type: air)
Off Instrument Name:
Posted By:
Company Name: CRH Canada Group Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 585 Michigan Drive , 1, Oakville Ontario, Canada L6L 0G1
Comment Period:
URL:

Site Location Details:

585 Michigan Drive Unit 1 Oakville Regional Municipality of Halton L6L 0G1 TOWN OF OAKVILLE

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12 | ***2 of 4*** | ***N/192.4*** | ***98.8 / 1.00*** | ***585 & 603 Michigan Drive***
Oakville ON | ***EHS***

Order No:	20170706032	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	07-JUL-17	**Search Radius (km):**	.25
Date Received:	06-JUL-17	**X:**	-79.743039
Previous Site Name:		**Y:**	43.387556
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps and/or Site Plans

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12 | ***3 of 4*** | ***N/192.4*** | ***98.8 / 1.00*** | ***Javelin Technologies***
4-585 MICHIGAN DRIVE
OAKVILLE ON L6L 0G1 | ***GEN***

Generator No:	ON3988874	**PO Box No:**	

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

Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 253 L
Waste Class Desc: Emulsified oils

Waste Class: 265 L
Waste Class Desc: Graphic arts wastes

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12 | ***4 of 4*** | ***N/192.4*** | ***98.8 / 1.00*** | ***Javelin Technologies***
4-585 MICHIGAN DRIVE
OAKVILLE ON L6L 0G1 | ***GEN***

Generator No: ON3988874
Status: Registered
Approval Years: As of Apr 2021
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: 253 L
Waste Class Desc: Emulsified oils

Waste Class: 265 L
Waste Class Desc: Graphic arts wastes

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13 | ***1 of 1*** | ***NE/211.6*** | ***97.8 / 0.00*** | ***ON*** | ***AST***

OGF ID: 1200715012
Sub Type: Petroleum Tank
Sub Type No: 1332
Location Accuracy: Within 10 metres
Sensitivity Class: Non-Sensitive
Sensitivity Date: 20070106
Sensitivity Rationale: No Restriction Needed
Verification Flag: Verified
Verification Date: 19980522
Business Effective Dt Flag: Estimated
Business Effective Dt: 19980522
Sys Calcu Area: 1235.305
Sys Calcu Length: 0.0
User Calc Metric: 0.0
Effective Date/Time: 19980522

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14 | ***1 of 1*** | ***SE/229.9*** | ***95.5 / -2.33*** | ***BURLOAK / REBECCA***
Oakville ON | ***WWIS***

Well ID: 7324571
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use:
Data Entry Status:
Data Src:
Date Received: 12/21/2018
Selected Flag: True

Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7644
Casing Material:		***Form Version:***	7
Audit No:	Z301355	***Owner:***	
Tag:	A260199	***Street Name:***	BURLOAK / REBECCA
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2018/11/23
Year Completed:	2018
Depth (m):	
Latitude:	43.3842050003313
Longitude:	-79.7411702809729
Path:	

Bore Hole Information

Bore Hole ID:	1007325436	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	601964.00
Code OB Desc:		***North83:***	4804251.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	23-Nov-2018 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1007724971
Layer:	2
Plug From:	1
Plug To:	23
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007724970
Layer:	1
Plug From:	0
Plug To:	1

Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007724972
Layer:	3
Plug From:	23
Plug To:	34
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007725217
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1007724585
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1007725390
Layer:	1
Slot:	10
Screen Top Depth:	24
Screen End Depth:	34
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.375

Hole Diameter

Hole ID:	1007725131
Diameter:	6.0
Depth From:	0.0
Depth To:	34.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

15 ***1 of 1*** ***NNE/248.3*** ***98.8 / 1.00*** ***ON*** ***AST***

OGF ID:	1200715007
Sub Type:	Petroleum Tank
Sub Type No:	1332
Location Accuracy:	Within 10 metres
Sensitivity Class:	Non-Sensitive
Sensitivity Date:	20070106
Sensitivity Rationale:	No Restriction Needed
Verification Flag:	Verified
Verification Date:	19980522
Business Effective Dt Flag:	Estimated
Business Effective Dt:	19980522

Sys Calcu Area:	1235.305
Sys Calcu Length:	0.0
User Calc Metric:	0.0
Effective Date/Time:	19980522

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16 | **1 of 1** | **ESE/248.3** | **95.8 / -2.00** | **HARVEST BIBLE CHAPEL OAKVILLE**
500 Great Lakes Blvd., Oakville
ON | **RSC**

RSC ID:	98111	**Cert Date:**	1-Mar-07
RA No:		**Cert Prop Use No:**	No CPU
RSC Type:		**Intended Prop Use:**	Residential
Curr Property Use:	Industrial	**Qual Person Name:**	GREG MCFARLANE
Ministry District:	OAKVILLE	**Stratified (Y/N):**	
Filing Date:	13-May-11	**Audit (Y/N):**	
Date Ack:		**Entire Leg Prop. (Y/N):**	Yes
Date Returned:		**Accuracy Estimate:**	21 to 100 meters
Restoration Type:		**Telephone:**	905-8274157
Soil Type:		**Fax:**	905-8279894
Criteria:		**Email:**	gmcfarlane@harvestoakville.ca
CPU Issued Sect 1686:	No		

Asmt Roll No:	2.40102E+18
Prop ID No (PIN):	24858 - 0220 LT
Property Municipal Address:	500 Great Lakes Blvd., Oakville
Mailing Address:	1215 LAKESHORE RD W, OAKVILLE, ON, L6L 1E7
Latitude & Latitude:	43.38482460N 79.74019450W (converted from UTM)
UTM Coordinates:	NAD83 17-602042-4804321
Consultant:	
Legal Desc:	BLOCK 2, PLAN 20M1084 TOGETHER WITH AN EASEMENT AS IN 164850 TOWN OF OAKVILLE
Measurement Method:	Digitized from a map
Applicable Standards:	Full Depth Site Conditions Standard, with Potable Ground Water, Medium/Fine Textured Soil, for Residential/Parkland/Institutional property use
RSC PDF:	

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17 | **1 of 1** | **NW/249.9** | **99.8 / 2.00** | **INNOMAR STRATEGIES INC.**
3470 SUPERIOR CRT
OAKVILLE ON L6L 0C4 | **EASR**

Approval No:	R-002-2419652133	**SWP Area Name:**	
Status:	REGISTERED	**MOE District:**	
Date:	2014-05-27	**Municipality:**	OAKVILLE
Record Type:	EASR	**Latitude:**	43.39222222
Link Source:	MOFA	**Longitude:**	79.74027778
Project Type:	Standby Power System	**Geometry X:**	
Full Address:		**Geometry Y:**	

Approval Type:	EASR-Standby Power System
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=6820

Unplottable Summary

Total: 9 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
EBR	Ontario Concrete Products Inc.	Lot:34, 35 Conc:3 SDS, Trafalgar Oakville Ontario Oakville	ON	
ECA	Pauls Burloak Nomineeco Inc.	Part of Lots 34 & 35, Concession 3 S.D.S	Oakville ON	
EHS		Burloak Dr	Burlington ON	
GEN	SHELL CANADA LTD. 34-281	PT. LOT 35, CONC.3, TOWN OF OAKVILLE C/OP.O.BOX 100,STN.M,CLGY,ALTA L6J5C7	OAKVILLE ON	
GEN	SHELL CANADA LTD.	PT. LOT 35, CONC.3, TOWN OF OAKVILLE C/OP.O.BOX 100,STN.M,CLGY,ALTA L6J5C7	OAKVILLE ON	
GEN	SHELL CANADA LIMITED	PT. LOT 35, CONC.3 SDS DRAWING 467-79-3	TOWN OF OAKVILLE ON	
LIMO	Oakville Refinery Shell Canada Town of Oakville	Lot 35, Concession 3 Halton	ON	
REC	SANEXEN ENVIRONMENTAL SERVICES INC.	TRANS-NORTHERN PIPELINES INC. OAKVILLE PUMP & METER STN.,BURLOAK DR.	OAKVILLE ON	
REC	SHELL CANADA LTD	OAKVILLE REFINERY PT LOT 35, CONC 3	OAKVILLE ON	L6J 5A5

Unplottable Report

Site: ***Ontario Concrete Products Inc.***
Lot:34, 35 Conc:3 SDS, Trafalgar Oakville Ontario Oakville ON

Database: ***EBR***

EBR Registry No:	IA02E0516	***Decision Posted:***	
Ministry Ref No:	6365-5ARJVK	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	May 09, 2003	***Act 2:***	
Proposal Date:	June 05, 2002	***Site Location Map:***	
Year:	2002		
Instrument Type:	(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)		
Off Instrument Name:			
Posted By:			
Company Name:	Ontario Concrete Products Inc.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	PO Box 84018, Burlington Ontario, L7L 6S2		
Comment Period:			
URL:			

Site Location Details:

Lot:34, 35 Conc:3 SDS, Trafalgar Oakville Ontario Oakville

Site: ***Pauls Burloak Nomineeco Inc.***
Part of Lots 34 & 35, Concession 3 S.D.S Oakville ON

Database: ***ECA***

Approval No:	3444-8X6PLV	***MOE District:***	
Approval Date:	2012-08-23	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Pauls Burloak Nomineeco Inc.		
Address:	Part of Lots 34 & 35, Concession 3 S.D.S		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4144-8WTL6H-14.pdf		

Site:
Burloak Dr Burlington ON

Database: ***EHS***

Order No:	20020919011	***Nearest Intersection:***	north of Prince William Dr
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	9/27/02	***Search Radius (km):***	0.45
Date Received:	9/19/02	***X:***	-79.750026
Previous Site Name:		***Y:***	43.388864
Lot/Building Size:			
Additional Info Ordered:			

Site: ***SHELL CANADA LTD. 34-281***
PT. LOT 35, CONC.3, TOWN OF OAKVILLE C/OP.O.BOX 100,STN.M,CLGY,ALTA L6J5C7 OAKVILLE ON

Database: ***GEN***

Generator No:	ON0005132	***PO Box No:***	
Status:		***Country:***	
Approval Years:	92,93,94,95,96,97	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	3611		
SIC Description:	REFINED PETRO. PROD.		

Detail(s)

Waste Class:	242
Waste Class Desc:	HALOGENATED PESTICIDES

Site: ***SHELL CANADA LTD.***
PT. LOT 35, CONC.3, TOWN OF OAKVILLE C/OP.O.BOX 100,STN.M,CLGY,ALTA L6J5C7 OAKVILLE ON

Database: ***GEN***

Generator No:	ON0005132	***PO Box No:***	
Status:		***Country:***	
Approval Years:	86,87,88,89,90	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	3611		
SIC Description:	REFINED PETRO. PROD.		

Detail(s)

Waste Class:	242
Waste Class Desc:	HALOGENATED PESTICIDES

Site: ***SHELL CANADA LIMITED***
PT. LOT 35, CONC.3 SDS DRAWING 467-79-3 TOWN OF OAKVILLE ON

Database: ***GEN***

Generator No:	ON0005132	***PO Box No:***	
Status:		***Country:***	
Approval Years:	98	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	3611		
SIC Description:	REFINED PETRO. PROD.		

Detail(s)

Waste Class:	242
Waste Class Desc:	HALOGENATED PESTICIDES

Site: ***Oakville Refinery Shell Canada Town of Oakville***
Lot 35, Concession 3 Halton ON

Database: ***LIMO***

ECA/Instrument No:	A210407	***Natural Attenuation:***	
Oper Status 2016:	Closed	***Liners:***	
C of A Issue Date:		***Cover Material:***	
C of A Issued to:		***Leachate Off-Site:***	
Lndfl Gas Mgmt (P):		***Leachate On Site:***	
Lndfl Gas Mgmt (F):		***Req Coll Lndfll Gas:***	
Lndfl Gas Mgmt (E):		***Lndfll Gas Coll:***	
Lndfl Gas Mgmt Sys:		***Total Waste Rec:***	
Landfill Gas Mntr:		***TWR Methodology:***	
Leachate Coll Sys:		***TWR Unit:***	
ERC Est Vol (m3):		***Tot Aprv Cap Unit:***	
ERC Volume Unit:		***Financial Assurance:***	
ERC Dt Last Det:		***Last Report Year:***	
Landfill Type:		***MOE Region:***	
Source File Type:		***MOE District:***	
Fill Rate:		***Site County:***	
Fill Rate Unit:		***Lot:***	

Tot Fill Area (ha):
Tot Site Area (ha):
Footprint:
Tot Apprv Cap (m3):
Contam Atten Zone:
Grndwtr Mntr:
Surf Wtr Mntr:
Air Emis Monitor:
Approved Waste Type:
Client Site Name:
ERC Methodology:
Site Name: Oakville Refinery
Shell Canada
Town of Oakville
Site Location Details:
Service Area:
Page URL:

Concession:
Latitude:
Longitude:
Easting:
Northing:
UTM Zone:
Data Source:

Site: ***SANEXEN ENVIRONMENTAL SERVICES INC.***
TRANS-NORTHERN PIPELINES INC. OAKVILLE PUMP & METER STN.,BURLOAK DR. OAKVILLE ON

Database: ***REC***

Choice of Contact:
Site PO Box:
Mail Addr:
Co Admin:
Site Bldg:
Rec Op Div:
Rec Op Name:
Rec Div:
Receiver No: A680160
Company ID:
Province In: ONTARIO
Province Out:
County Out:
Phone No:
Facility Type: RECLAIMER/REUSE, PCB DESTRUCTION FACILITY
Approval Yrs: 1995; 1996; 1997; 1998; 2006; 2007; 2008

Site: ***SHELL CANADA LTD***
OAKVILLE REFINERY PT LOT 35, CONC 3 OAKVILLE ON L6J 5A5

Database: ***REC***

Choice of Contact:
Site PO Box:
Mail Addr:
Co Admin:
Site Bldg:
Rec Op Div:
Rec Op Name:
Rec Div:
Receiver No: A210407
Company ID:
Province In: ONTARIO
Province Out:
County Out:
Phone No:
Facility Type: PRIV LANDFILL/SLUDGE FARM
Approval Yrs: 1999; 2000; 2001; 2002; 2003; 2004; 2005; 2006; 2007; 2008

1999 Receiver Waste Information Details

Wastecode: 222
Waste Desc: HEAVY FUELS

Wastecode: 221
Waste Desc: LIGHT FUELS

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Dec 31, 2020

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Dec 31, 2020

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Apr 2021

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Nov 2020

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-May 31, 2021

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Jul 31, 2020

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-May 31, 2021

Environmental Registry: Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994-May 31, 2021

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- May 31, 2021

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Jan 31, 2021

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

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

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Apr 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Apr 30, 2021

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Dec 2020

National Analysis of Trends in Emergencies System (NATES): Federal NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2019

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Mar 31, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Feb 28, 2021

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Apr 30, 2021

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011-May 31, 2021

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Oct 31, 2020

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-May 31, 2021

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2018

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

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

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Dec 31, 2020

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Aug 2020

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2018

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-May 31, 2021

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 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: Apr 30, 2021

Definitions

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

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

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

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

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

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

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

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

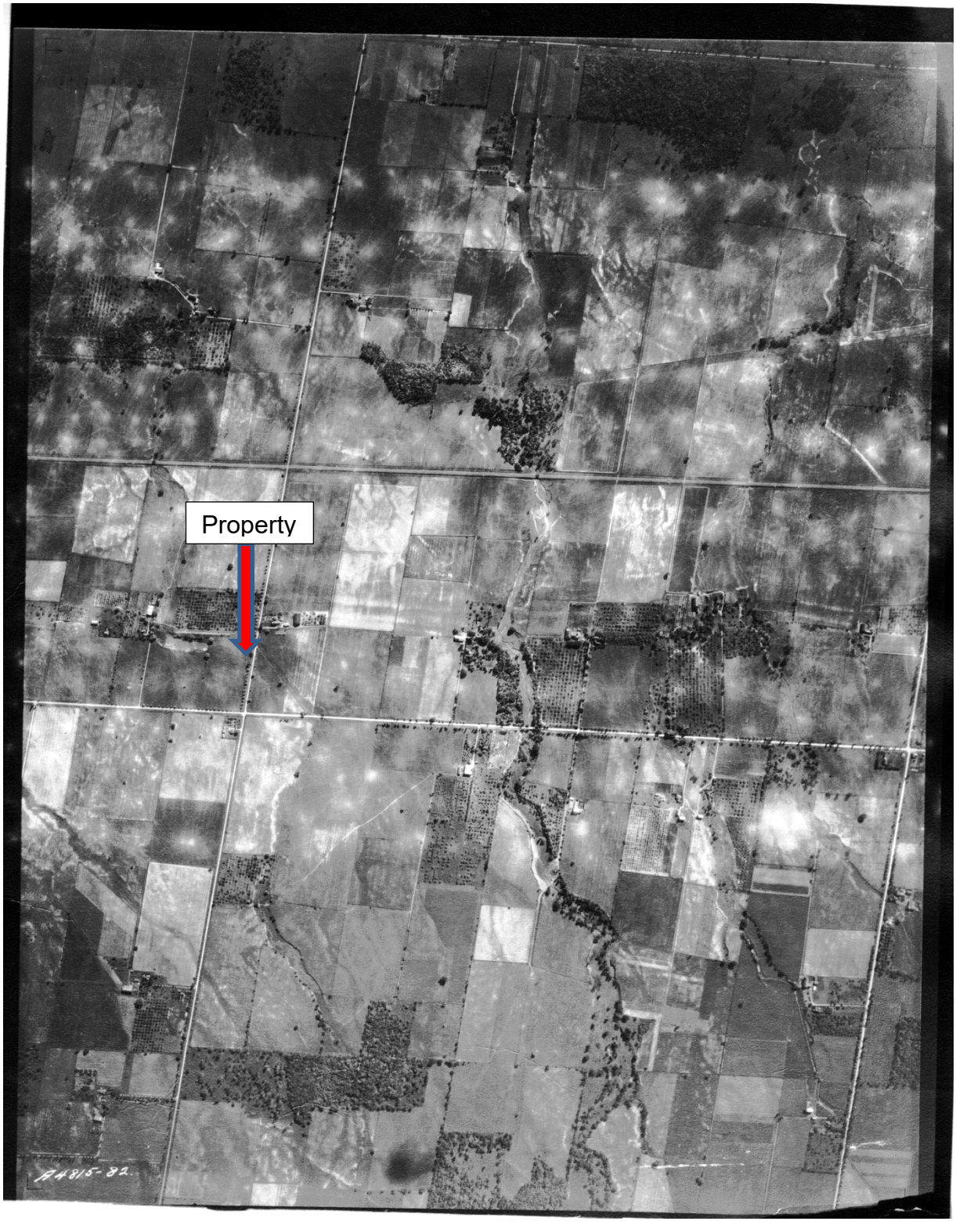
'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

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

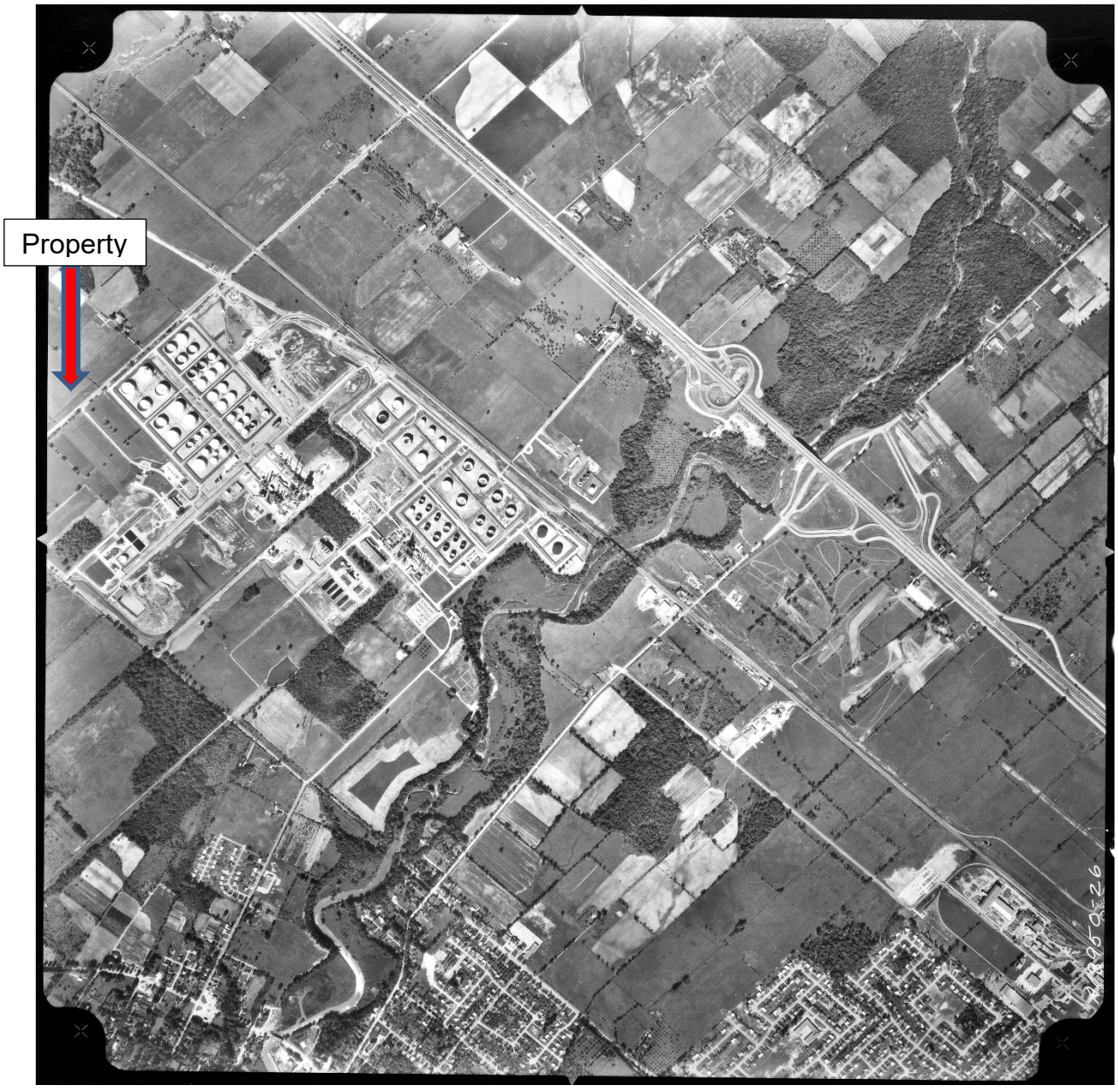
The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

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

Aerial Photographs



1934 Aerial Photograph



1965 Aerial Photograph

1973 Aerial Photograph

Regulatory Correspondence – Ontario Ministry of Environment, Conservation and Parks Freedom of Information

Ministry of the Environment
Freedom of Information and Protection of Privacy Office
40 St. Clair Avenue West, 12th Floor
Toronto, ON M4V 1M2
Tel: 416-314-4075
Fax: 416-314-4285

Ontario

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is 416- 314-4285.

Requester Data			**For Ministry Use Only**
Name, Title, Company Name and Mailing Address of Requester Mike Grayhurst Senior Managing Consultant OHE Consultants 311 Matheson Boulevard East, Mississauga Ontario L4Z 1X8 Email Address: subsurface@oheconsultants.com;			FOI Request No. / Date Request Received Fee Paid ˜ CHQ ˜ VISA/MC/AMEX ˜ CASH/MONEY ORDER
Tel: (905)-890-9000 Fax: (905)-890-9005	Your Project/ Reference No. 26781	Signature of Requester	˜ CNR ˜ ER ˜ NOR ˜ SWR ˜ WCR ˜ IEB ˜ EAA ˜ EMR ˜ SCB ˜ SDW

Request Parameters

Municipal Address/Lot, Concession, Geographic Township **(Municipal address mandatory for cities, towns or regions)**

580 Burloak Drive, Oakville, ON L7L 6B3

Present Property Owner(s) and Dates(s) of Ownership

Theeb Investments Inc.

Previous Property Owner(s) and Date(s) of Ownership

Present/Previous Tenant(s) (if applicable)

Search Parameters Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.	**Specify Year(s) Requested**
Environmental concerns (General correspondence, occurrence reports, abatement)	All years
Orders	All years
Spills	All years
Investigations/prosecutions ▸ ***Owner and tenant information must be provided***	All years
Waste Generator number/classes	All years

Certificates of Approval ▸ Proponent information must be provided and Certificates of Approval number(s) (if known). 1985 and prior records are searched manually. **Search fees in excess of $300.00** may be incurred, depending on the types and years of records to be searched. **If supporting documents are also required, mark SD box**.

		SD	**Specify Year(s) Requested**
Air - *emissions*			All years
Renewable Energy			All years
Water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*			All years
Sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*			All years
Waste water - *industrial discharge*			All years
Waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator sites*			All years
Waste systems	*- haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction*		All years

Regulatory Correspondence – Technical Standards & Safety Authority

From:	Public Information Services
To:	Sam Miralai (OHE Consultants)
Subject:	RE: Tank Record Search - 26781
Date:	July-13-21 2:59:15 PM
Attachments:	image002.jpg image003.png image004.png image005.png image006.png image007.png

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

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

- We confirm that there are no records in our database of any fuel storage tanks at the subject 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 publicinformationservices@tssa.org along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

Please be advised that we will accept your first 10 searches per day and you will need to resubmit the rest (the unhighlighted)

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

Kind regards,

Sherees

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: publicinformationservices@tssa.org
www.tssa.org

From: Sam Miralai (OHE Consultants) <SMiralai@oheconsultants.com>
Sent: July 13, 2021 12:17 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Tank Record Search - 26781

[CAUTION]: This email originated outside the organisation.
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hello

Could you please conduct a tank record search for the following adjacent/adjoining properties:

- 500 Burloak Drive, Oakville (Brulington);
- 579 Burloak Drive, Oakville (Brulington);
- 580 Burloak Drive, Oakville (Brulington);
- 585 Burloak Drive, Oakville (Brulington);
- 603 Burloak Drive, Oakville (Brulington);

- 5679 Flora Drive, Oakville (Brulington);
- 5674 Flora Drive, Oakville (Brulington);

- 5655 Stella Lane, Oakville (Brulington);
- 5658 Stella Lane, Oakville (Brulington);

- 5659 Evelyn Lane, Oakville (Brulington);
- 5656 Evelyn Lane, Oakville (Brulington);

- 554 Thelma St, Oakville (Brulington);
- 556 Thelma St, Oakville (Brulington);
- 558 Thelma St, Oakville (Brulington);
- 560 Thelma St, Oakville (Brulington);
- 562 Thelma St, Oakville (Brulington);
- 564 Thelma St, Oakville (Brulington);
- 566 Thelma St, Oakville (Brulington);
- 568 Thelma St, Oakville (Brulington);
- 570 Thelma St, Oakville (Brulington);

Thank you very much in advance.

Regards

Sam Miralai, M.A.Sc., P.Eng., QP_{ESA}
Senior Project Manager
Mobile: (416) 728-4954
smiralai@oheconsultants.com

OHE REMAINS OPEN PROVIDING SUPPORT TO ESSENTIAL SERVICES DURING THE COVID-19 PANDEMIC

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OHE Consultants, 311 Matheson Blvd. East, Mississauga, Ontario, L4Z 1X8 ¦ **Phone:** 905 890 9000 ¦ **Fax:** 905 890 9005 ¦ **Toll Free:** 1 866 OHE 4 EOH ¦ www.oheconsultants.com
Offices in British Columbia, Alberta, Quebec, Nova Scotia, Ajax, Peterborough

SERVICES – Occupational Hygiene & Safety: Hazardous Materials (Asbestos, Lead, PCB), Microbiological Contaminations (Mould), Indoor Air Quality, Infection Control, Noise, Confined Space // Environmental Engineering: Phase One & Two ESAs, Site Remediation Decommissioning, Tanks Management // Building Science Engineering: Building Assessments, Reserve Fund Studies, Design/Restoration, Project Management, Performance Audits // Training & Management Programs // ODACC Adjudication.

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From:	Public Information Services
To:	Sam Miralai (OHE Consultants)
Subject:	RE: Tank Record Search - 26781
Date:	August-09-21 9:59:37 AM
Attachments:	image002.jpg image003.png image004.png image005.png image006.png image007.png

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

NO RECORD FOUND

Hello Sam,

Thank you for your request for confirmation of public information.

- We confirm that there are no records in our database of any fuel storage tanks at the subject 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 publicinformationservices@tssa.org along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

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

Kind regards,

Mariah

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: publicinformationservices@tssa.org
www.tssa.org

From: Sam Miralai (OHE Consultants) <SMiralai@oheconsultants.com>

Sent: August 9, 2021 8:57 AM

To: Public Information Services <publicinformationservices@tssa.org>

Subject: Tank Record Search - 26781

[CAUTION]: This email originated outside the organisation.
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hello

Could you please conduct a tank record search for the following adjacent/adjoining properties:

- 5656 Evelyn Lane, Oakville (Brulington);
- 554 Thelma St, Oakville (Brulington);
- 556 Thelma St, Oakville (Brulington);

- 558 Thelma St, Oakville (Brulington);
- 560 Thelma St, Oakville (Brulington);
- 562 Thelma St, Oakville (Brulington);
- 564 Thelma St, Oakville (Brulington);
- 566 Thelma St, Oakville (Brulington);
- 568 Thelma St, Oakville (Brulington);
- 570 Thelma St, Oakville (Brulington);

Thank you very much in advance.

Regards

Sam Miralai, M.A.Sc., P.Eng., QP_{ESA}
Senior Project Manager
Mobile: (416) 728-4954
smiralai@oheconsultants.com

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Property Photographs

Photograph 1: View of the Property, looking south.

Photograph 2: View of the Property, looking northeast.

Photograph 3: View of the Property, looking northwest.

Photograph 4: View of the Property, looking southwest.

Photograph 5: View of one (1) of the three (3) blue stick-up (monument) onsite monitoring wells.

Photograph 6: View of the black stick-up (monument) onsite monitoring well.

Assessors Qualifications

CONSULTANTS
Occupational Hygiene & Environment

Saman (Sam) Miralai, M.A.Sc., P.Eng., QP_{ESA}
Senior Project Manager

Summary

Mr. Miralai has over ten years of environmental experience including phase one and two environmental site assessments (ESAs), remediation, health and safety protocols, storage tank compliance, record of site condition (RSC) submission, hydrogeology, environmental chemistry, environmental fate and transport, environmental baseline study and impact assessment (EBS & EIA) as well as hydrological, watershed, wetland and water quality conservation studies. He is also a registered professional engineer (P.Eng.) with extensive working knowledge of Ontario Regulation 153/04 (as amended) as well as Canadian Standards Association (CSA) ESA Standards.

Education

Master of Applied Science **2006**
Environmental Engineering
Dalhousie University, Halifax, Nova Scotia, Canada

Bachelor of Science **2003**
Civil Engineering - Hydraulics
Iran University of Science & Technology (IUST), Tehran, Iran

Designations

- **Professional Engineers of Ontario**
- **Qualified Person (QP_{ESA}) as per Ontario Regulation 153/04**

Environmental Consulting Experience

Phase One Environmental Site Assessments (ESAs):

- Project manager and site assessor of various Phase One ESAs in Ontario including commercial, industrial, and residential properties for various clients.
- Conducted detailed background reviews including environmental registries, EcoLog ERIS reports, city directories, fire insurance maps (FIPs), aerial photographs, topographic and geological maps, as well as other pertinent historical information.
- Conducted site visits including the subject property and adjoining/neighbouring properties.
- Prepared Phase One ESA proposals, reports and invoices.

Phase Two Environmental Site Assessments:

- Project manager and site assessor for various Phase Two ESAs in Ontario including commercial, industrial, and residential properties for various clients.
- Conducted detailed background reviews including expected soil type and stratigraphy, expected groundwater levels and other characteristics, and required drilling equipment.
- Supervised drilling activities and conducted soil and groundwater sampling with various sampling technologies and methods.
- Prepared Phase Two ESA proposals, reports and invoices.

Site Remediation:

- Project manager and site assessor for various remediation projects in Ontario including commercial, industrial, and residential properties for various clients.
- Conducted detailed background reviews including expected soil type and stratigraphy, expected groundwater levels and other characteristics, as well as remedial options and technologies.
- Supervised remediation activities including excavation, backfilling, test pitting, in-situ chemical oxidation and conducted verification sampling.
- Prepared remediation proposals, reports and invoices.

Record of Site Condition (RSC):

- Conducted Phase One, Phase Two and remediation projects as per the Ontario Regulation 153/04 (as amended) compliant with the requirements of submitting RSCs.
- Gathered the required documents as attachments for the RSC submissions.
- Filling out the online RSC submission forms including maximum parameter concentrations.
- Corresponded with the Ontario Ministry of the Environment and Climate Change (MOECC) regarding any required RSC submission corrections.

Other Activities:

- Project manager and primary site assessor for the “Fire Separation Breach Condition Survey” of all TTC facilities (Subway Stations, Substations, etc.).

Training

- Workplace Hazardous Materials Information System (WHMIS), 2015
- Supervisor Health and Safety Awareness, 2015
- First Aid Training, 2015
- Ground Disturbance Training, 2016

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Occupational Hygiene & Environment

Mike Grayhurst, P.Eng., Q.P.$_{ESA}$, EP, PMP
Senior Managing Consultant
PEO License 90324120

Summary

Mr. Grayhurst is a well qualified Professional Engineer and a member of Professional Engineers Ontario with over twenty (20) years of extensive project management and engineering consulting experience completing various environmental projects for a broad range of clients, with additional expertise in health and safety. Mike has extensive experience carrying out Phase One and Two Environmental Site Assessments (ESAs), Environmental Approval and Sector Registry (EASR) submissions, indoor air quality assessments, is highly experienced in site remediation and complex remediation, has managed the removal of underground and above ground storage tanks at various facilities and has completed Class B environmental assessments for various crown-owned lands. In addition, he has extensively trained and supervised staff in conducting environmental assessments.

Education

Bachelor of Science
Major: Engineering
University of Guelph, Guelph, Ontario, Canada

Continuing Education
Environmental Legislation and,
Environmental Remedial Technologies
University of Toronto, Toronto, Ontario, Canada

Fundamentals of Project Management
Ryerson University, Toronto, Ontario, Canada

Monitored Natural Attenuation
Rice University, Houston, Texas, USA (course completed online)

Designations

- **Professional Engineers of Ontario**
- **Engineers & Geoscientists New Brunswick**
- **Qualified Person (Q.P.$_{ESA}$) as per Ontario Regulation 153/04 Brownfields Professional Registry**
- **Project Management Professional Certification (PMP)**
- **Environmental Professional (EP)**
- **Canada Green Building Council (LEED Green Associate)**

Environmental Consulting Experience

OHE Consultants, Senior Consultant
May 2010 - Current
Site Assessment and Remediation:

- *Phase One Environmental Site Assessments*: Over 500 industrial, commercial, residential and undeveloped sites in Ontario, Alberta, Saskatchewan, British Columbia, Manitoba, Nova Scotia and New Brunswick. Client base included major oil companies, financial institutions, government agencies, industrial and property management groups. Managed several large-scale portfolio projects. Developed reporting templates and field inspection documentation templates.
- *Phase Two Environmental Site Assessments:* Completed numerous Phase Two Environmental Site Assessments, including soil and groundwater sampling and analysis for sites throughout Ontario. Properties have included petroleum bulk facilities, gas bars, automotive garages, dry cleaning facilities, industrial facilities, and transportation facilities. Projects have been completed to oil company technical and health & safety standards, including detailed hydrogeological data analysis. Managed projects through the preparation and completion of a Risk Assessment.
- *Remediation:* Completed both excavation remediation and in-situ remediation involving the application of chemical oxidant. Sites have included gas bars, former dry cleaning facilities, former storage tank sites and spill sites. Completed an in-situ soil land farming remediation project of a former petroleum bulk facility. Remedial work has been completed at remote sites and at sites where remediation was carried out under existing and occupied buildings. Conducted Ontario Regulation 347/558 waste characterization by TCLP analysis to determine waste classification, transport and disposal requirements.
- *Storage Tank System Compliance:* Has worked closely with Technical Standards and Safety Authority (TSSA) licensed contractors in order to verify storage tank compliance to applicable codes and regulations. The completed work has involved the completion of a Comprehensive Inspection of the storage tank and fuelling system, a Precision Leak Test using pressurized nitrogen, as well as the management of necessary UST and system upgrades. Precision leak tests using vacuum technology has also been managed in order to assess tank system integrity.
- *Tank Removal & Decommissioning:* Completed over 50 tank removals (ASTs & USTs) at various residential, commercial and institutional facilities as part of compliance deadline, site decommissioning, and real estate transactions. Managed remedial contractors, directed confirmatory sampling and regulatory liaison for site closure.
- *Storage Tank Variance:* Have dealt with the TSSA on sites where a Deviation or a Contaminant Management Plan has been granted. A recent project in downtown Toronto included the coordination of site activities to allow for the evacuation, cleaning, and filling of the UST, as well as the completion of a Phase Two ESA to verify that there were no impacts to surrounding materials.
- *Complex Remediation:* Experience in underpinning of building footings and in excavation remediation in physically confined and challenging locations. Remediation completed in areas extensively populated with buried utilities.
- *Class Environmental Assessments:* Have completed numerous Class B Environmental Assessments for various crown-owned lands, including Notice of Completion and follow-up communication.
- *Record of Site Condition:* Have completed Records of Site Condition for commercial and institutional sites.
- *Staff Training and Supervision:* Have extensively trained and supervised staff in environmental assessment field requirements and project management requirements i.e.,

budget control, documentation control, data management, and client communication. Technical training has included seminars specific to field equipment use and contractor management. Initiated and managed a staff training matrix for all aspects of project delivery.

Health and Safety:

- *Health and Safety Plan (HASP) Development:* Prepared HASPs for contaminated site, construction and decommissioning activities including monitoring, worker/infrastructure protection, training and emergency response elements.
- *Health & Safety Manager:* Acted as the regional Health & Safety Manager for a multi-national consulting firm. Developed, implemented and managed a Health & Safety Policy and Plan, including staff training and supervision, and focused site audits.
- *Site Supervision for Health & Safety:* Managed Health & Safety onsite for contractors and consulting firm staff during petroleum facility assessment and redevelopment activities.
- *Indoor Air Quality Assessments:* Conducted assessments within buildings in order to assess potential indoor air quality impacts resulting from site conditions and activities.
- *POST (Petroleum Orientated Safety Training) Certified.*

Training

- Toronto Transit Commission Rule Book Training, 2014, 2015, 2016, 2017
- Accessible Customer Service eLearning Course, 2014
- Ministry of Labour, Worker and Supervisor Health and Safety Awareness Training, 2014
- Workplace Hazardous Materials Information System (WHMIS) Training, 2009-2016
- Transportation of Dangerous Goods, 2007
- Work-at-Height, 2005, 2016
- Toronto Hydro Workplace Electrical Safety, 2005
- Imperial Oil Health & Safety Training, 2000 – 2007
- Maxxam Analytics Soil Vapour Training Workshop, June 2011
- An Introduction to Groundwater Modeling Using Visual MODFLOW Flex, Schlumberger Water Services, February 25, 2014
- Industrial Workshop, Fuel Oil, Liquid Fuels and Environmental Regulations, Technical Standards and Safety Authority Fuels Safety Program, March 18, 2014 and September 28 – 29, 2016

OHE CONSULTANTS
Occupational Hygiene & Environment

Farid (Fred) Atrash, B.Sc., M.H.Sc., CIH, ROH
President

Summary

A qualified professional with over 22 years of experience providing high quality services in the field of environmental and health and safety consulting. Has worked closely with a wide base of clientele including, but not limited to, health care and research facilities, financial institutions, property management groups, retail companies and shopping malls, manufacturing industries, government agencies and universities. Key competencies include conducting and managing environment and occupational hygiene surveys and audits; implementation and management of programs; effective and efficient management of professional groups and major projects; and development and presentation of adult training seminars for workers and corporate executives.

Education

Masters of Health Science, *Major: Occupational and Environmental Health*
University of Toronto, Toronto, Ontario, Canada

Bachelor of Science, *Major: Environmental Health*
American University of Beirut, Beirut, Lebanon

Designations

- **Registered Occupational Hygienist (ROH)**
- **Certified Industrial Hygienist(CIH)**

Environmental Consulting Experience

Occupational and Environmental Hygiene

- Corporate environmental and occupational health & safety policy and programs development, implementation and training; Air sampling and analysis; Phase I and II environmental site assessments; Noise surveys and control programs; Ventilation systems assessments and design; Industrial hygiene auditing; Specialized and general industrial hygiene surveys; Designated substances audits, assessments and control programs; Workplace Hazardous Materials Information Systems (WHMIS) education and training programs and manuals development; Material Safety Data Sheets (MSDSs) review and management; Job hazards assessment and analysis; Specific industrial hygiene program development (respiratory protection programs, hearing conservation programs, confined space entry programs); Designated Substance Surveys of elevators and associated areas (i.e. i.e. elevator pit, shaft, machine room, etc.; Legal compliance audits.

Indoor Air Quality

- Walk through risk assessments to identify sources of indoor air contaminants; Measurements of comfort factors and sampling and analysis of air contaminants; Detailed evaluation of heating, ventilation and air-conditioning systems; Microbial contamination investigations; Development of indoor air quality management programs; Lighting and noise assessments; Design of duct cleaning programs, preparation of contract specifications, bids evaluation and project management and supervision.

Safety and Ergonomics

- Development of safety programs; Safety audits and evaluations; Safety inspections; Evaluation of compliance with applicable regulations; Ergonomic program development; On-site ergonomic task analysis, problem solving and training.

Asbestos Management

- Managed, supervised and conducted building surveys for the presence and condition of asbestos-containing materials; Development of asbestos management programs; Design of asbestos abatement programs; Contract specifications and bid evaluations; Project management and supervision; Development and administration of employee asbestos training programs.

Polychlorinated Biphenyls (PCBs) Management

- Building survey for the presence of PCB; Development of PCB management plans; Development and administration of PCB training programs; Preparation of PCB storage room specifications; Preparation and review of contract documents for PCB disposal.

Building Microbial Contamination Management

- Management, supervision and execution of building surveys for the presence of microbial contamination.
- Design and implementation of air and bulk sampling studies; Development of microbial contamination management programs.
- Design of microbial contamination abatement programs.
- Contract specifications and bid evaluations.
- Project management and supervision.
- Development and administration of employee training programs.

Infection Prevention and Control

- Prepared specifications and procedures to be followed by contractors during abatement/construction work in hospitals.
- Prepared, executed and supervised air sampling programs for fungi and particulate during construction projects as part of infection control.
- Carried out inspections of infection control containments as part of renovation projects in existing hospitals.
- Completed inspections during the construction of new hospitals to ensure that prescribed infection control measures and procedures were being followed.
- Designed and completed programs to determine the efficiency of cleaning activities in hospitals using different products and materials.
- Completed gap analysis of hospitals tendering documents for construction projects with respect to infection control requirements.
- Completed risk assessments and presented recommendations concerning the replacement of main water supplies in hospitals.
- Prepared and delivered training sessions on infection control including presenting at the Healthcare Facilities Symposium and Expo.

Training

- Designed, prepared and conducted training seminars for employees on various environmental and occupational health and safety issues, WHMIS and waste management.

Conferences and Professional Development Courses Attended

- AIHce 2018: May 20 – 24, 2018, Philadelphia, PA
- AIHce 2017: June 2-8, 2017, Seattle, WA
- CSA Group: Effective Implementation and Practical Applications of Infection Control during Construction, Renovation and Maintenance of Health Care Facilities, 2016
- AIHce 2016: May 22 – 26, 2016, Inner Harbor Baltimore, USA
- AIHce 2015: May 30 – June 4, 2015, Salt Lake City, Utah, USA
- AIHce 2014: May 31- June 5, 2014, San Antonio, Texas, USA
- AIHce 2013: May 18-23, 2013, Montreal, Quebec, CANADA

- Professional Development Courses: Disaster Responder: Protection for Workers in Diverse Extreme Environments, 2013
- Professional Development Courses: IAQ in Green Building System and Codes, 2013
- AIHce 2012: June 16-21, 2012, Indianapolis, Indiana, USA
- Professional Development Courses: Moisture Evaluations in Green and LEED construction, 2012
- Professional Development Courses: Smart Devices and the EHS Professional, 2012
- Professional Development Courses: Strategies for Managing Odor Annoyance in the Workplace, 2012
- AIHce 2011: May 14-19, 2011, Portland, Oregon, USA
- Examining Professional Ethics and Industrial Hygiene, 2011
- Symposium: Conquering IH Problems with the use of Real- Time Monitoring, 2011
- AIHce 2010: May 22-27, 2010, Denver, Colorado, USA
- Professional Development Courses: Investigative Photography, 2010
- Professional Development Courses: Nanotechnology: A Convergence of Leading Edge Science, 2010

Training

- WHMIS 2015 for Workers, 2017
- Working at Heights Training, I Rescue 2016
- Asbestos in Buildings: Identification, Assessment and Remediation, Updates
- Designated Substance in Buildings: Identification, Assessment and Remediation, Updates
- Lead in Buildings: Identification, Assessment and Remediation, Updates
- Hazardous Materials in Buildings: Identification, Assessment and Remediation, Updates
- Fungi (Mould) in Buildings: Identification, Assessment and Remediation, Updates
- OHE Fall Protection – Compliance Awareness, Updates
- Webinar: EMLAB P&K, Mold and Health Effects, 2015
- TTC Subway Rule Book Training, 2010, 2011, 2012, 2013, 2014, 2015
- OHE Accessible Customer Service Course, 2014
- Ministry of Labour, Worker and Supervisor Health and Safety Awareness Training, 2014
- Ontario Hospital Association, Freedom of Information – For Hospital Staff, 2013
- OHE Confined Spaces Awareness Training, Annual Updates
- OHE Fall Arrest Awareness Training, Annual Updates
- OHE PCM Analysis Training, Annual Updates
- OHE Fall Prevention Awareness Training, Annual Updates
- OHE Working at Elevated Heights, Annual Updates
- OHE WHMIS, Annual Updates
- OHE Fall Prevention Compliance Awareness, Annual Updates
- OHE Respiratory Protection, Annual Updates
- OHE Occupational Health and Safety Act, Annual Updates
- NITON Analyzers XRF Training for Operation, Radiation Safety & System Maintenance,2009
- Team 1 Academy, Confined Spaces Entry Training, 2011
- Team 1 Academy, Confined Spaces Rescue Training, 2011
- Occupational Safety Group, Train the Trainer Day, 2007

Memberships

- The Canadian Registration Board of Occupational Hygienist
- The Occupational Hygiene Association of Ontario
- The American Board of Industrial Hygiene
- The American Industrial Hygiene Association