RESIDENTIAL PROPERTY
462 CUMBERLAND AVENUE
BURLINGTON ONTARIO
L7N 2X1

Phase One
Environmental Site Assessment

PREPARED FOR:
NEW CUMBERLAND INC.
462 Cumberland Avenue
Burlington
L7N 2X1

Rubicon Job Number • R63060.2
Report Date • July 13, 2023

"….Environmental Solutions."

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Rubicon Environmental (2008) Inc.

July 13, 2023

NEW CUMBERLAND INC.
462 Cumberland Avenue
Burlington
L7N 2X1

R63060.1 **PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**
Residential Property
462 Cumberland Avenue, Burlington, Ontario

Dear New Cumberland Inc.,

Enclosed please find the results for the above-mentioned investigation conducted on your behalf. Please feel free to contact me at 519-924-0003 if you require any additional information.

Sincerely,

RUBICON ENVIRONMENTAL (2008) INC.

Paul Rew, P. Eng., QP

"…Environmental Solutions."

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1.0 EXECUTIVE SUMMARY

The Phase One Environmental Site Assessment was completed at the subject property on June 26, 2023. This section of the report summarizes the findings of this investigation:

Rubicon Environmental (2008) Inc. was retained by New Cumberland Inc. to undertake a Phase One Environmental Site Assessment (ESA) at the residential property located at 462 Cumberland Avenue, Burlington Ontario. The Phase One ESA investigation was completed on-site to identify any Potentially Contaminating Activities (PCA) that may have occurred in the past or present on the Phase One Property or adjacent properties and to identify any Areas of Potential Environmental Concerns (APEC), in anticipation of real estate transaction and residential redevelopment. The Phase One Environmental Site Assessment was completed in accordance with Ontario Regulation 153/04, as amended by Ontario Regulation 511/09, for the purpose of filing a Record of Site Condition (RSC).

The subject property is rectangular shaped and is developed with a two (2) storey building with a basement. The subject property area is approximately of 630 m^2 or 0.063 Hectares. The subject property building area is 101 m^2 or 0.010 Hectares.

Based on the information reviewed provided, the subject property was initially developed in the mid-1960s as a residential property. It has remained a residential property with two storeys and an underground basement. The property continues to operate as a residential property.

The RSC Phase One Subject Property was originally one combined parcel of agriculture lands. This agricultural land use circa 1802 (Crown), until 1960's when the property was subdivided for residential land use.

The ERIS search identified zero (0) records associated with the RSC Phase One Subject Property. The ERIS search on the surrounding lands (0.25 km radius) showed the properties surrounding the subject site had forty-eight (48) records: three (3) Boreholes, one (1) Certificates of Approval, one (1) Environmental Activity and Sector Registry, four (4) ERIS Historical Searches; twenty – five (25) List of Expired Fuels Safety Facilities; three (3) Fuel Storage Tank, twenty-four (24) Ontario Regulation 347 Waste Generators Summary; three (3) Pesticide Register; four (4) Pipeline Incidents, one (1) Record of Site Condition, three (3) Ontario Spills, and seven (7) Water Well Information Systems. These records were evaluated and do not represent an environmental concern due to distance buffer gradient greater than 134.1m, and soil matrix consisting of a silt where low permeability is prominent and material transport is low risk.

Solid waste was not during this investigation. Solid waste is collected on the south side of the subject property and disposed of on a weekly basis. No liquid waste is currently generated on site. No chemical storage was observed onsite apart from small household chemical appliance.

A visual inspection was conducted throughout the entire property and no staining or spillage was observed. At the time of this investigation there were no indication of above storage tanks (AST's) present at the property. There is no evidence of current or historical underground storage tanks (UST`s) on the Phase One property.

No bulk gases were located on site. The property was inspected for the presence of electrical equipment (transformers, capacitors, fluorescent light ballasts) containing polychlorinated biphenyls (PCBs). No transformer was observed on the property. No large-scale electrical capacitors or fluorescent fixtures were observed on the property.

No friable or non-friable asbestos-containing materials (ACMs) or sprayed urethane foam insulation or urea formaldehyde foam insulation (UFFI) was present on site at the time of this investigation During the site visit, no significant peeling paint or paint deterioration was observed in the interior or exterior of the building. Due to the age of the building on site, the possibility exists that lead based paints are present. In the event that future renovation or demolition activities are undertaken, it is recommended that paint samples be obtained for concentrations of lead. No mould was present at the time of this investigation.

Based on the evaluation of the forty-eight (48) off-site records, as part of the Phase One ESA, it was determined that the properties in close proximity to the Phase One property were identified as having non-contributing potentially contaminating activity (PCA), as defined by Column A of Table 2 of Schedule D of O. Reg. 153/04 for the following reasons: PCAs were found to be at distances greater than 89 m and / or buffers and / or side gradient or down gradient from the subject property. Due to these reasons no PCAs were identified in the ERIS records are considered low risk and not an APEC.

Based on the findings of the Phase One ESA completed by Rubicon Environmental (2008) Inc., it is our opinion that the Phase I subject property exhibits no areas of potential environmental concern, at this time. The Phase One property does not warrant further Phase II ESA investigation; therefore, the subject property is suitable for redevelopment and land conveyance mergence.

2.0 INTRODUCTION

Rubicon Environmental (2008) Inc. was retained by New Cumberland Inc. to undertake a Phase One Environmental Site Assessment (ESA) at a residential property located at 462 Cumberland Avenue, Burlington Ontario. The Phase One ESA investigation was completed on-site to identify any Potentially Contaminating Activities (PCA) that may have occurred in the past or present on the RSC Phase One Property or adjacent properties and to identify any Areas of Potential Environmental Concerns (APEC) on the RSC Phase One Property, in anticipation of real estate transaction and residential redevelopment. The Phase One Environmental Site Assessment was completed in accordance with Ontario Regulation 153/04, as amended by Ontario Regulation 511/09.

The entire subject property has a rectangular shaped with two storeys and a basement. The subject property line is approximately of 630 m^2 or 0.063 Hectares. The subject property building contains 101 m^2 or 0.010 Hectares.

Based on the information, the subject property was initially developed in the mid-1960s as a residential property. Over time, it has remained a residential property with two storeys and an underground basement. The fact that the property continues to operate as a residential property suggests that there have been no major changes in land use or redevelopment since its initial development. The RSC Phase One Subject Property was originally one combined parcel with agriculture land use from 1802 (Crown), until 1960's when the properties were subdivided for residential land use.

The subject property is located on the west side of Cumberland Avenue. The site is surrounded by, residential, Communal, developed properties.

Refer to Figure 1 – Site Location

PIN: 07049-0088 (LT)

Property Description: PT LT 1 , PL 291 , AS IN 647594; T/W 647594 ; BURLINGTON.

The entire subject property has a rectangular shaped with two storeys and a basement. The subject property line is approximately of 630 m^2 or 0.063 Hectares. The subject property building contains 101 m^2 or 0.010 Hectares.

Contact information.

Property Owner: New Cumberland Inc. | Bruce Stewart
Email: bwstewart01@gmail.com
Phone Number: (647) 921-7946

3.0 SCOPE OF WORK

The scope of work was to complete a Phase One Environmental Site Assessment in accordance with Ontario Regulation 153/04, as amended by Ontario Regulation 511/09, in anticipation of redevelopment and real estate transaction.

The Phase One ESA investigation was conducted on-site to identify:

- Any Potentially Containing Activities (PCA) that may have occurred in the past or present on the Phase One Property or adjacent properties that may represent an environmental concern; and,
- Areas of Potential Environmental Concerns (APEC) on the Phase One Property directly related to identified PCA's.

To achieve these objectives the following tasks were completed:

- Collecting and evaluating existing information pertaining to the phase one property through the review of various pertinent records, both present and historical;
- Reviewing and evaluating any previous environmental investigations;
- Conducting a visual examination of the property and existing building along with the surrounding area to identify and/or investigate any potential environmental concerns;
- Obtaining an Environmental Risk Information Services Ltd. (ERIS) report for the Phase One ESA property and study area (250m radius);
- Conduct a Well Survey for the Phase One ESA property and study area of (250 m)
- Conducting interviews with individuals who may be knowledgeable about the subject property and its adjacent properties, as well as contacting representatives of various government agencies; and,
- Preparing a Phase One ESA engineering report in accordance with Ontario Regulation 153/04, as amended by Ontario Regulation 511/09.

4.0 RECORD REVIEW

a) General

(i) RSC Phase One Study Area

The Phase One study area included the subject property and all properties within 250 meters from the nearest point on a boundary of the phase one property.

(ii) First Developed Use

Based on the information you provided, the subject property was initially developed in the mid-1960s as a residential property. Over time, it has remained a residential property with two storeys and an underground basement. The fact that the property continues to operate as a residential property suggests that there have been no major changes in land use or redevelopment since its initial development. The RSC Phase One Subject Property was originally one combined parcel with agriculture land use from 1802 (Crown), until 1960's, when it was subdivided for residential land use.

(iii) Fire Insurance Plans

A request for Fire Insurance Plans was made through ERIS – OPTA – Information Intelligence from the previous Phase One Investigation. Fire Insurance Plans for the Phase One ESA study were available, however not significant findings were made within the Phase One property and study area. Refer to Appendix 3.

(iv) Chain of Title *– The Table of current and past uses of the phase one property are presented on the following page (Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04).*

"Table of current and past uses of the phase one property"
(Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)

PIN: 07049-0088 (LT)

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
2020 – Present	Squires, Therese May	Residential	Residential	At the time of the site investigation, Rubicon confirm the subject property operate as residential with two storeys and underground basement. No Potential Contaminating Activities (PCA) were identified at this time.
2017 - 2020	Tam, Caesar	Residential	Residential	At the time of the site investigation, Rubicon confirm with the aerials from 1965, 1980, 1992, and subject property operate as residential with two storeys and underground basement with no change in structure. No Potential Contaminating Activities (PCA) were identified at this time.
2016 - 2017	Cheung, John Koug	Residential	Residential	At the time of the site investigation, Rubicon confirm with the aerials from 1965, 1980, 1992, and subject property operate as residential with two storeys and underground basement with no change in structure. No Potential Contaminating Activities (PCA) were identified at this time.
2008 - 2016	Hull, Dwayne Anne	Residential	Residential	At the time of the site investigation, Rubicon confirm with the aerials from 1965, 1980, 1992, and subject property operate as residential with two storeys and underground basement with no change in structure. No Potential Contaminating Activities (PCA) were identified at this time.
1996 - 2008	Hull, Daniel Christopher	Residential	Residential	At the time of the site investigation, Rubicon confirm with the aerials from 1965, 1980, 1992, and subject property operate as residential with two storeys and underground basement with no change in structure. No Potential Contaminating Activities (PCA) were identified at this time.
1960s - 1996	Unknown	Residential	Residential	At the time of the site investigation, Rubicon confirm with the aerials from 1965, 1980, 1992, and subject property operate as residential with two storeys and underground basement with no change in structure. No Potential Contaminating Activities (PCA) were identified at this time.
Crown – 1960s	Unknown	Agriculture	Agriculture and other Land use	Aerial photographs from confirm the subject property was not developed and displays agriculture land.

Refer to Appendix 2 for title information.

(v) Environmental Reports and other documentation

PREVIOUS INVESTIGATIONS

One (1) previous investigation report were made available for review as part of the current Phase One Study.

PHASE I ENVIRONMENTAL SITE ASSESSMENT Residential Property - 462 Cumberland Ave, Burlington / ON R63060.1 conducted by Rubicon Environmental (2008) Inc. in 2021.

The summary is as follows:

Rubicon Environmental (2008) Inc. was retained by New Cumberland Inc. on behalf of May Theresa Squires to undertake a Phase One Environmental Site Assessment (ESA) at the Residential property located at 462 Cumberland Ave in Burlington/ ON. Hereby referred to as the "Subject Property"

The Phase I ESA was completed to determine if there appeared to be any environmental concerns on the subject property related to any onsite or offsite potentially contaminating activities in anticipation of redevelopment and land conveyance. This assessment was conducted with reference to the CSA Standard Z768-01 (Phase I ESA) and with O. Reg. 153/04, (as amended by O. Reg. 511/09). This Phase I ESA was not completed for the purpose of filing a Record of Site Condition.

Based on the information gathered during the Phase One ESA, the subject property was first developed in the mid 1960's as a residential property. Today the subject property continues to operate as a residential property with two storeys and basement.

The ERIS search identified zero (0) records associated with the subject. The ERIS search on the surrounding lands (0.25 km radius) showed the properties surrounding the subject site had forty-three (43) records: three (3) Boreholes, one (1) Certificates of Approval, one (1) Environmental Activity and Sector Registry, two (2) ERIS Historical Searches; twenty – five (25) List of Expired Fuels Safety Facilities; three (3) Fuel Storage Tank, twenty (20) Ontario Regulation 347 Waste Generators Summary; three (3) Pesticide Register; four (4) Pipeline Incidents, one (1) Record of Site Condition, three (3) Ontario Spills, and five (5) Water Well Information Systems. These records were evaluated and do not represent an environmental concern due to distance buffer gradient greater than 134.1 m, and soil matrix consisting of a silt where low permeability is prominent and material transport is low risk.

Solid waste was not during this investigation. Solid waste is collected on the south side of the subject property and disposed of on a weekly basis. No liquid waste is currently generated on site. No chemical storage was observed onsite apart from small household chemical appliance.

A visual inspection was conducted throughout the entire property and no staining or spillage was observed. At the time of this investigation there were no indication of above storage tanks (AST's) present at the property. There is no evidence of current or historical underground storage tanks (UST`s) on the Phase One property.

No bulk gases were located on site. The property was inspected for the presence of electrical equipment (transformers, capacitors, fluorescent light ballasts) containing polychlorinated biphenyls (PCBs). No transformer was observed on the property. No large-scale electrical capacitors or fluorescent fixtures were observed on the property.

No friable or non-friable asbestos-containing materials (ACMs) or sprayed urethane foam insulation or urea formaldehyde foam insulation (UFFI) was present on site at the time of this investigation During the site visit, no significant peeling paint or paint deterioration was observed in the interior or exterior of the building. Due to the age of the building on site, the possibility exists that lead based paints are present. In the event that future renovation or demolition activities are undertaken, it is recommended that paint samples be obtained for concentrations of lead. No mould was present at the time of this investigation.

Based on the findings of the Phase I ESA completed by Rubicon Environmental (2008) Inc., it is our opinion that the Phase I subject property exhibits no areas of potential concern at this time. Rubicon Environmental (2008) Inc. declares that the Phase I property does not warrant further investigation and is suitable for redevelopment, and land conveyance mergence.

(b) Environmental Source Information

ERIS specializes in providing environmental and historical information compiled from numerous government and private records. As part of this investigation, a record search was conducted within a buffer zone of 0.25 km (250m) of the subject property and the results were mapped. Refer to Appendix 5 for ERIS Ecolog Report.

Search identified zero (0) records associated with the subject. The ERIS search on the surrounding lands (0.25 km radius) showed the properties surrounding the subject site had forty-eight (48) records: three (3) Boreholes, one (1) Certificates of Approval, one (1) Environmental Activity and Sector Registry, four (4) ERIS Historical Searches; twenty – five (25) List of Expired Fuels Safety Facilities; three (3) Fuel Storage Tank, twenty-four (24) Ontario Regulation 347 Waste Generators Summary; three (3) Pesticide Register; four (4) Pipeline Incidents, one (1) Record of Site Condition, three (3) Ontario Spills, and seven (7) Water Well Information Systems. These records were evaluated and do not represent an environmental concern due to distance buffer gradient greater than 134.1m, and soil matrix consisting of a silt where low permeability is prominent and material transport is low risk.

Additional Sources

Title Search:

A chronological chain of title was prepared for the RSC property by Rubicon through the use of Ontario Land Registry Access. The chain of title dates back to 1960's and covers the ownership of the properties to present date.

Refer to Appendix 2 for Title Information.

City Directory

City Directory information was not available at the time of this investigation.

(c) Physical Setting

(i) Aerial Photographs Setting Sources

Documents reviewed included historical aerial photographs (1954, 1965, 1980, 1992, 2006, 2014, 2022). Refer to Appendix 4.

- 1954: The aerial photograph appears to show the subject property to be undeveloped with surroundings properties as undeveloped.
- 1965: The aerial photograph appears to show the subject property to be developed with surrounding properties southern developed.
- 1980: The aerial photograph appears to show the subject property to be developed with surroundings properties in the southeastern developed.
- 1992: The aerial photograph appears to show the subject property to be developed with surroundings properties developed in the western, eastern and southern properties.
- 2006: The aerial photograph appears to show the subject property to be developed with surroundings properties developed in the western, eastern and southern properties with no change in structural development.
- 2014: The aerial photograph appears to show the subject property to be developed with surroundings properties developed in the western, eastern and southern properties with no change in structural development.
- 2022: The aerial photograph appears to show the subject property to be developed with surrounding properties developed in the western, eastern and southern properties with no change in structural development.

(ii) Geology, Topography, Hydrology

Bedrock Geology of Ontario Southern Sheet Map 2544 Date1991
The regional bedrock within the study area is characterized as Upper Ordovician Dolostone, Limestone, Shake, and Siltstone from the Queenston Formation.

Physiography of Southern Ontario (Chapman, L.J. and Putnam, D.F. 207. Physiography of Southern Ontario; Ontario Geological Survey)

The site is located in a physiographic region known as Limestone Plain (Physiography of Southern Ontario, Chapman and Putnam, 1984).

Map 2556, "Quaternary Geology of Ontario, Southern Sheet 1991 "
This map cites soils in the study area to consist of Pleistocene Bedrock which can be classified as Halton till (Ontario – Erie Lobe): predominantly silt to silty clay matrix, high in matrix carbonate content and clast poor.

The Natural Resources Canada Toporama indicates the elevation of the site to be located at approximately 88 masl (meters above sea level). The ERIS report indicated the elevation on the subject property to be 88 m.

Refer to Appendix 5.

(iii) **Fill Material** – No areas of fill were identified on site.

(iv) **Water Bodies and Areas of Natural Significance** – No water bodies or areas of natural significance were identified within 30 m of the subject property. Nearest watershed is located approximately 1.10 km southeast, towards Lake Ontario.

(v) **Well Records** – After reviewing the Ministry of the Environment, Conservation and Parks well records interactive map website and the ERIS report, five (5) well records were identified within the Phase One ESA study area, pertaining to monitoring wells.

Upon review the material from the ground to the bedrock consisted of till like silty sand, clasts. The bedrock material consisted of shale. The recorded bedrock depths, where available were 1.50 - 6.00 mbgl. The recorded water table depths, where the approximate average depth to the water table is 2.44 m.

The subject property is not a part of the Wellhead Protection Area and participates in Intake Protection Zone with a score of 2. The subject property is part of a highly vulnerable Aquifer.

(d) Site Operating Records

All reasonable enquiries were made to obtain site operating records as part of the enhanced investigation and no relevant records were available for review.

Solid Waste

Solid waste was not generated on-site at the time of this investigation. Solid waste is collected in the garbage bin located beside the building (south side) and picked up on a weekly basis.

Liquid Waste

No Liquid waste was produced on site at the time of this investigation.

Chemical Storage Facilities

No chemical storage facilities were on-site at the time of this investigation besides common household cleaning supplies present within the RSC Phase One subject building.

Spill History

Zero (0) Ontario spill records were found for the RSC Subject Property and three (3) Ontario Spill records were found within the RSC Phase One Study Area. The three (3) Ontario Spills persist to natural gas (methane) releases and minor sheen found on Rossland Creek. The soil conditions which are sandy silt to clay matrix potential contaminant flow will be restricted due to low porosity and permeability. Therefore, the following spill events are considered low risk non-contributing PCA and not considered an APEC. The three (3) Ontario Spills within the RSC Phase Study Area is greater than 86 m away from the RSC Phase One Subject Property. Due to the distance and the known soil conditions, potential contaminant flow to the subject property is unlikely. Therefore, this spill is considered low risk and not considered an APEC.

Underground and Aboveground Storage Tanks (UST/AST)

At the time of this investigation no above ground storage tanks (AST`s) are present in the Phase One property. There is no evidence of current or historical underground storage tanks (UST`s) on the Phase One property.

Bulk Gases

No bulk gases were located on site at the time of this investigation.

PCBs

The property was inspected for the presence of electrical equipment (transformers, capacitors, fluorescent light ballasts) containing polychlorinated biphenyls (PCBs).

Transformers: No large-scale transformer(s) were observed on the property. Contains non-PCB mineral oil.
Capacitors: No large-scale electrical capacitors were observed on the property.
Fluorescent lamp ballasts: Fluorescent light fixtures were observed on site.

Asbestos/UFFI Materials

During the site inspection, no visual evidence of friable or non-friable asbestos-containing materials (ACMs) or sprayed urethane foam insulation or urea formaldehyde foam insulation (UFFI) were observed on site. Based on the age of the building it is possible that Asbestos was utilized during their construction.

Lead-Based Paints

During the site inspection, painted surfaces outside of the property appeared to be in good condition with no significant peeling. Based on the age of the building it is possible that Lead paint has historically been utilized on site.

Mould

No mould was present at the time of this investigation.

5.0 INTERVIEWS

Information regarding the subject property was obtained during the site visit at 462 Cumberland Avenue, Burlington Ontario on June 26, 2023.

6.0 SITE RECONNAISSANCE

(a) General

The Phase One site visit occurred on June 26, 2023. The weather conditions were around 17°C and raining. The time frame for the investigation was 1.0 hour (11:00 am – 12:00 pm). The site land use was residential. Photographs taken of the subject property as part of the current investigation can be reviewed with descriptions in Appendix 1.

(b) Specific Observations at Phase I Property

Total Property Size	0.063 Hectares
Number of Buildings	Rectangular Shaped building.
Utilities	Gas delivered belowground, above ground hydro, water serviced underground, bell underground
Date of Construction	Approximately 1960's
Number of Stories	Two storeys and one basement
Roof	Open gable
Structure	Wood, concrete, and stucco
Interior Construction	Drywall, concrete, wood and metal framing
Exterior Construction	Wood, concrete, and stucco
HVAC	Natural gas HVAC
Water	Water is service through municipal treated water

The subject property appears to have a rectangular shape. Based on the information gathered during the Phase One ESA, the site has been used as a residential property since the mid-1960's with agriculture and other land use prior to.

Outdoor Observations

i) Upon investigation no monitoring water wells were observed on site.

ii) The groundcover consists of asphalt and grass covered corners.

iii) There is no evidence of current or former railway lines or spurs on the Phase One property.

iv) There is no evidence of staining of soils or vegetation on the Phase One property.

v) There is no evidence of stressed vegetation on the Phase One property.

vi) Areas of Potentially Contaminating Activities were not identified onsite (Figure 4).

vii) No unidentified substances were found on the Phase One property.

Surrounding Land Use

Direction	Land Uses	Outdoor Observations / Comments
North	Communal/Residential	Adjacent lands contain a communal recreational park trail and north of the trail pertains developed residential buildings.
East	Communal Fire Department	Adjacent land operates as a communal fire department.
South	Residential	Adjacent lands appear to be developed residential buildings.
West	Residential	Adjacent lands appear to be developed residential buildings.

After evaluation of the information regarding the surrounding properties, no PCAs on or off site were identified during the Phase One ESA.

7.0 REVIEW and EVALUATION of INFORMATION

i) Current and Past Land Uses

Based on the information gathered during the Phase One ESA, the site has been used as a residential property since the mid-1960s with agriculture and other land use prior to.

"Table of current and past uses of the phase one property" (Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)

ii) PIN: 07049-0088 (LT)

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
2020 – Present	Squires, Therese May	Residential	Residential	At the time of the site investigation, Rubicon confirm the subject property operate as residential with two storeys and underground basement. No Potential Contaminating Activities (PCA) were identified at this time.
2017 - 2020	Tam, Caesar	Residential	Residential	At the time of the site investigation, Rubicon confirm with the aerials from 1965, 1980, 1992, and subject property operate as residential with two storeys and underground basement with no change in structure. No Potential Contaminating Activities (PCA) were identified at this time.
2016 - 2017	Cheung, John Koug	Residential	Residential	At the time of the site investigation, Rubicon confirm with the aerials from 1965, 1980, 1992, and subject property operate as residential with two storeys and underground basement with no change in structure. No Potential Contaminating Activities (PCA) were identified at this time.

2008 - 2016	Hull, Dwayne Anne	Residential	Residential	At the time of the site investigation, Rubicon confirm with the aerials from 1965, 1980, 1992, and subject property operate as residential with two storeys and underground basement with no change in structure. No Potential Contaminating Activities (PCA) were identified at this time.
1996 - 2008	Hull, Daniel Christopher	Residential	Residential	At the time of the site investigation, Rubicon confirm with the aerials from 1965, 1980, 1992, and subject property operate as residential with two storeys and underground basement with no change in structure. No Potential Contaminating Activities (PCA) were identified at this time.
1960s - 1996	Unknown	Residential	Residential	At the time of the site investigation, Rubicon confirm with the aerials from 1965, 1980, 1992, and subject property operate as residential with two storeys and underground basement with no change in structure. No Potential Contaminating Activities (PCA) were identified at this time.
Crown – 1960s	Unknown	Agriculture	Agriculture and other Land use	Aerial photographs from confirm the subject property was not developed and displays agriculture land.

iii) Potentially Contaminating Activity

Based on the findings of a Phase One Environmental Site Assessment (ESA) completed by Rubicon Environmental (2008) Inc., in accordance with O. Reg 153/04, no potentially contaminating activities (PCAs) were identified both on site and within the Phase One ESA study radius of 250m.

8.0 CONCLUSIONS

The Phase One Environmental Site Assessment was completed at the subject property on June 26 of 2023. This section of the report summarizes the findings of this investigation:

Rubicon Environmental (2008) Inc. was retained by New Cumberland Inc. to undertake a Phase One Environmental Site Assessment (ESA) at a residential property located at 462 Cumberland Avenue, Burlington Ontario. The Phase One ESA investigation was completed on-site to identify any Potentially Contaminating Activities (PCA) that may have occurred in the past or present on the RSC Phase One Property or adjacent properties and to identify any Areas of Potential Environmental Concerns (APEC) on the RSC Phase One Property, in anticipation of real estate transaction and residential redevelopment. The Phase One Environmental Site Assessment was completed in accordance with Ontario Regulation 153/04, as amended by Ontario Regulation 511/09.

The subject property is rectangular shaped and is developed with a two (2) storey building with a basement. The subject property area is approximately of 630 m^2 or 0.063 Hectares. The subject property building area is 101 m^2 or 0.010 Hectares.

Based on the information you provided, the subject property was initially developed in the mid-1960s as a residential property. Over time, it has remained a residential property with two storeys and an underground basement. The fact that the property continues to operate as a residential property suggests that there have been no major changes in land use or redevelopment since its initial development.

The RSC Phase One Subject Property was originally one combined parcel with agriculture or other land use from prior 1802 (Crown) until 1960s where it was then subdivided for residential land use.

The ERIS search identified zero (0) records associated with the subject property. The ERIS search on the surrounding lands (0.25 km radius) showed the properties surrounding the subject site had forty-eight (48) records: three (3) Boreholes, one (1) Certificates of Approval, one (1) Environmental Activity and Sector Registry, four (4) ERIS Historical Searches; twenty – five (25) List of Expired Fuels Safety Facilities; three (3) Fuel Storage Tank, twenty-four (24) Ontario Regulation 347 Waste Generators Summary; three (3) Pesticide Register; four (4) Pipeline Incidents, one (1) Record of Site Condition, three (3) Ontario Spills, and seven (7) Water Well Information Systems. These records were evaluated and do not represent an environmental concern due to distance buffer gradient greater than 134.1m, and soil matrix consisting of a silt where low permeability is prominent and material transport is low risk.

Solid waste was not during this investigation. Solid waste is collected on the south side of the subject property and disposed of on a weekly basis. No liquid waste is currently generated on site. No chemical storage was observed onsite apart from small household chemical appliance.

A visual inspection was conducted throughout the entire property and no staining or spillage was observed. At the time of this investigation there were no indication of above storage tanks (AST's) present at the property. There is no evidence of current or historical underground storage tanks (UST`s) on the Phase One property.

No bulk gases were located on site. The property was inspected for the presence of electrical equipment (transformers, capacitors, fluorescent light ballasts) containing polychlorinated biphenyls (PCBs). No transformer was observed on the property. No large-scale electrical capacitors or fluorescent fixtures were observed on the property.

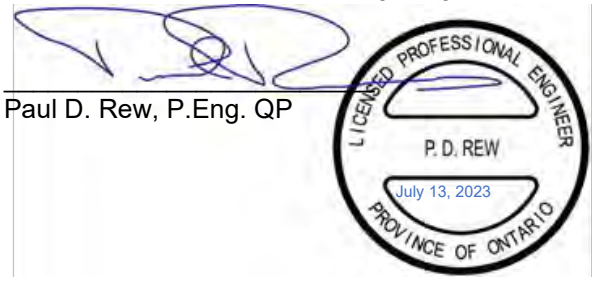
No friable or non-friable asbestos-containing materials (ACMs) or sprayed urethane foam insulation or urea formaldehyde foam insulation (UFFI) was present on site at the time of this investigation During the site visit, no significant peeling paint or paint deterioration was observed in the interior or exterior of the building. Due to the age of the building on site, the possibility exists that lead based paints are present. In the event that future renovation or demolition activities are undertaken, it is recommended that paint samples be obtained for concentrations of lead. No mould was present at the time of this investigation.

Based on the evaluation of the forty-eight (48) off-site records, as part of the Phase One ESA, it was determined that the properties in close proximity to the Phase One property were identified as having non-contributing potentially contaminating activity (PCA), as defined by Column A of Table 2 of Schedule D of O. Reg. 153/04 for the following reasons: PCAs were found to be at distances greater than 89 m and / or buffers and / or side gradient or down gradient from the subject property. Due to these reasons no PCAs were identified in the ERIS records are considered low risk and not an APEC.

Based on the findings of the Phase One ESA completed by Rubicon Environmental (2008) Inc., it is our opinion that the Phase I subject property exhibits no areas of potential concern at this time. Rubicon Environmental (2008) Inc. declares that the Phase One property does not warrant further investigation and is suitable for redevelopment, and land conveyance mergence.

Respectfully submitted,

RUBICON ENVIRONMENTAL (2008) INC.



Paul D. Rew, P.Eng. QP

9.0 REFERENCES

Aerial photographs obtained from EcoLog ERIS Ltd., and Google Satellite Images.

CSA Standard Z768-01

ERIS Report obtained from, Eco Log Environmental Risk Information Services Ltd.

Google Maps URL: http://maps.google.ca/maps

Ministry of Northern Development and Mines *"Bedrock Geology of Ontario, Southern Sheet, Map 2544"*

Ministry of Northern Development and Mines, *"Quaternary Geology of Ontario; Southern Sheet. 1991. Map 2556"*

Ontario Ministry of the Environment, Ontario Regulation 153/04, as amended by Ontario Regulation 511/09.

10.0 LIMITATIONS

1. This assessment was conducted in accordance with generally accepted engineering standards. It is possible that materials other than those described in this report are present at the site. The client acknowledges that no assessment can necessarily identify the existence of all contaminants, potential contaminants or environmental conditions;

2. This report was prepared for the sole and exclusive use of New Cumberland Inc. Rubicon Environmental (2008) Inc. accepts no responsibility or liability for any loss, damage, expense, fine or any other claim of any nature or type, including any liability or potential liability arising from its own negligence, for any use of this report or reliance on it, in whole or in part, by anyone other than New Cumberland Inc.;

3. There is no representation, warranty or condition, express or implied, by Rubicon Environmental (2008) Inc. or its officers, directors, employees or agents that this assessment has identified all contaminants, potential contaminants or environmental conditions at the site or that the site is free from contamination, potential contaminants or environmental conditions other than those noted in this report;

4. This assessment has been completed from information and documentation described in this report as well as the results of limited chemical analysis of soil samples collected from accessible locations on the date(s) specified. We have assumed that any such information and documentation is accurate and complete. We can accept no responsibility or liability for any errors, deficiencies or inaccuracies in this report arising from errors or omissions in the information and documentation provided by others;

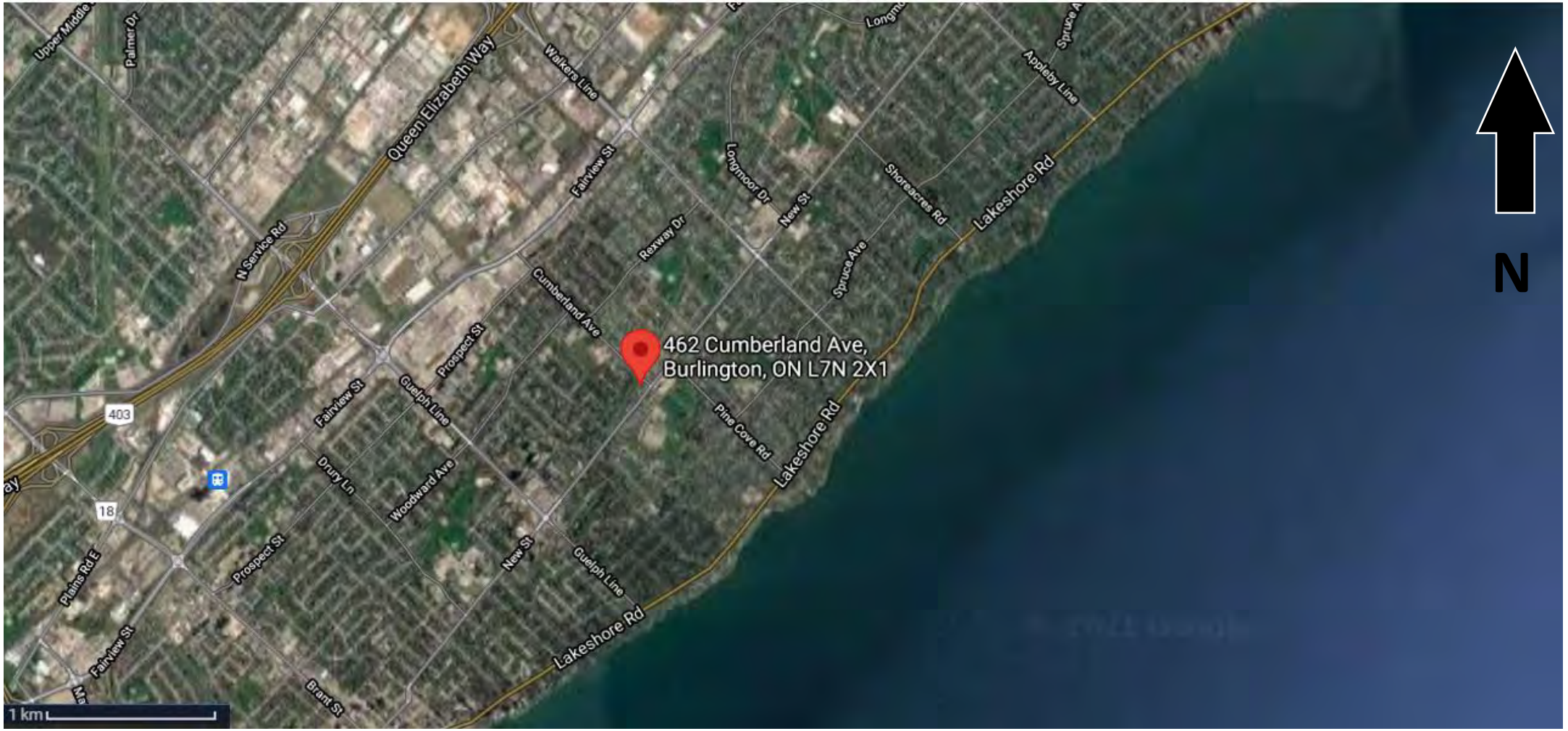
5. This assessment was based on information and the results of investigation(s) obtained on the date(s) specified. Rubicon Environmental (2008) Inc. accepts no responsibility or liability for any changes or potential changes in the condition of the site after the date of our investigation(s);

6. The conditions between sampling locations have been inferred, to the best of our ability, based on the conditions observed at sampling locations. Conditions between and beyond sampling locations may vary. This assessment pertains, only, to the site specifically described in this report and not to any adjacent or other property;

7. This assessment does not include, nor is it intended to include, any opinion regarding the suitability of any structure on the site for any function, the integrity of the on-site buildings or the geotechnical conditions on the site, except for how they may identify with environmental concerns. Inspections of buildings do not include compliance with building, gas, electrical or boiler codes, or any other federal, provincial or municipal codes not associated with environmental concerns. Should concerns regarding any parameters other than environmental concerns arise because of our investigation(s), they should be addressed by appropriately qualified professionals; and,

8. This report is not to be reproduced or released to any other party, in whole or in part, without the express written consent of Rubicon Environmental (2008) Inc.

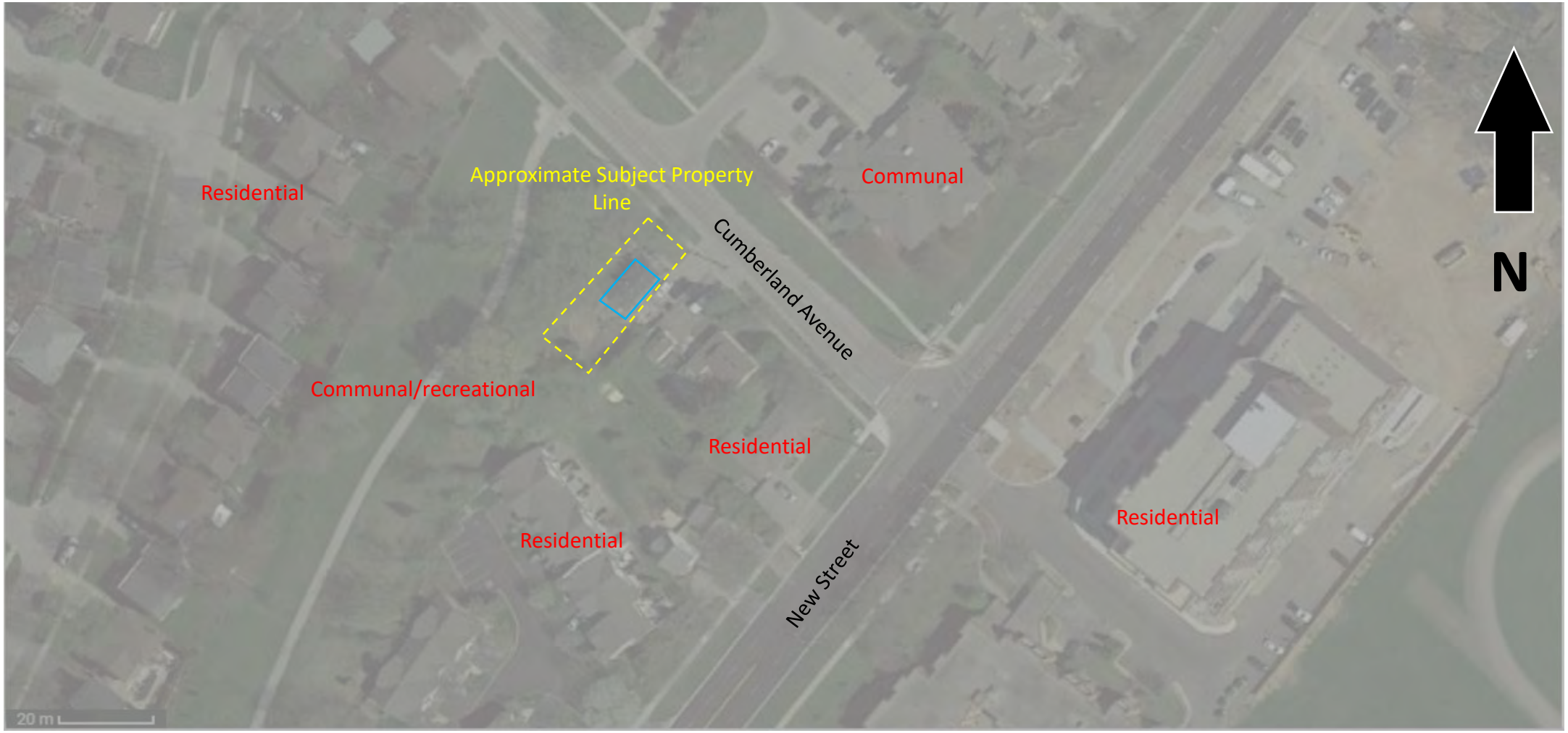
FIGURES



R63060.2	NAME	DATE
DRAWN BY:	JG	June 2023
CHECKED BY:	PDR	June 2023
462 Cumberland Avenue, Burlington ON		

Rubicon Environmental (2008) Inc.

Figure 1: Site location



R63060.2	NAME	DATE
DRAWN BY:	JG	June 2023
CHECKED BY:	PDR	June 2023
462 Cumberland Avenue, Burlington ON		

Rubicon Environmental (2008) Inc.

Figure 2:
Site Plan

Legend
Site Building



R63060.2	NAME	DATE
DRAWN BY:	JG	June 2023
CHECKED BY:	PDR	June 2023
462 Cumberland Avenue, Burlington ON		

Rubicon Environmental (2008) Inc.

Figure 3: Site Plan – Study Area

Legend
Site Building
Phase One Study Area (<0.250 km)

APPENDIX 1
SITE PHOTOGRAPHS



Image of the backyard property of 454 Cumberland Avenue



Image of the subject property at 454 Cumberland Avenue and natural gas serviced underground



454 Cumberland Avenue HVAC service and above ground hydro



Image of above ground hydro wiring servicing 454 Cumberland Avenue

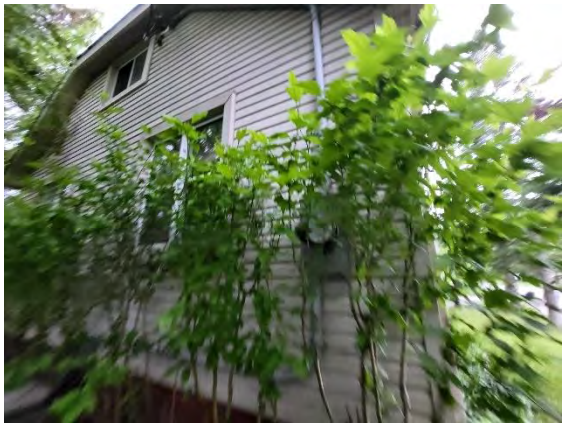


Image of the above ground hydro service line at 454 Cumberland Avenue



Image of 3265 New Street parking lot

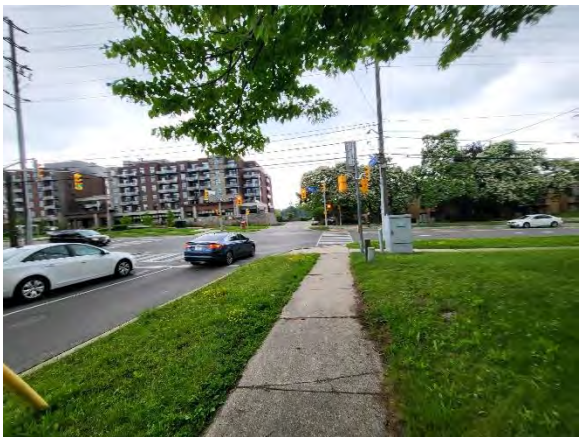


Image of the New Street / Cumberland Avenue intersection facing the south residential homes



Image of New Street / Cumberland Avenue intersection facing south west



Image of 3255 New Street front property



Image of New Street / Cumberland Avenue intersection facing north east adjacent retirement housing



Image of the side walk facing south west of the subject property and southern, western residential property



Image of 3259 New Street residential property



Image of 3255 New Street subject property



Image of side way on the subject of 3259 New Street



Water / sewer main located south of the 3259 New Street

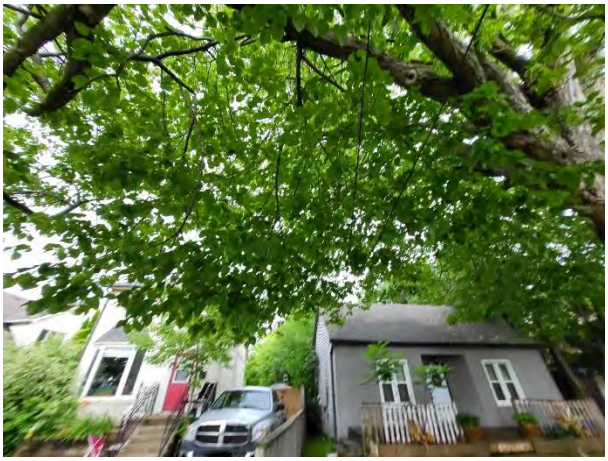


Image of above ground hydro servicing



Image of the above ground hydro present on the subject property of 3255 New Street



Image of above ground hydro from New Street servicing the subject property



Sewer / water main south of the subject property of 3255 New Street

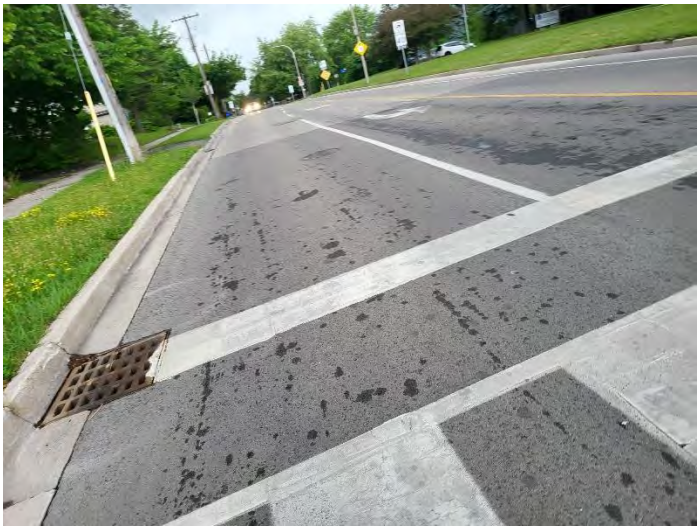


Image of the New Street / Cumberland Avenue facing north towards residential and communal trail



Image of fire department station north east of New Street / Cumberland Avenue



Image of the communal side walk north of the fire department



Image of the communal trail north of 462 Cumberland Avenue



Image of communal trail north of 462 Cumberland Avenue and 3259 – 3255 New Street

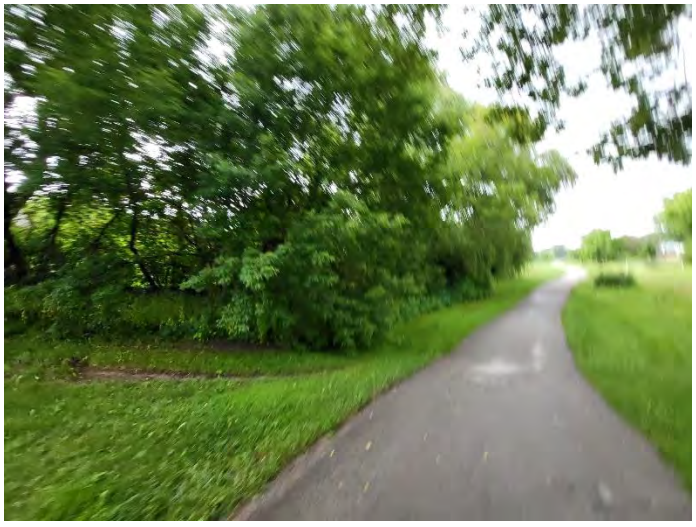


Image of communal trail north of 462 Cumberland Avenue and 3259 – 3255 New Street



Image of communal trail north of 462 Cumberland Avenue and 3259 – 3255 New Street



Image of 462 Cumberland Avenue with above ground hydro



Image of above ground hydro servicing and below ground bell



Image of the fire department north east of Cumberland Avenue



Image of side walk north of 462 Cumberland Avenue



Image of above ground hydro service to 462 Cumberland Avenue



Image of 454 Cumberland Avenue with a garage present on site above ground hydro and underground bell



Iamge of 454 Cumberland Avenue



Image of the backyard of 454 Cumberland Avenue

APPENDIX 2
TITLE INFORMATION

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: PT LT 1 , PL 291 , AS IN 647594; T/W 647594 ; BURLINGTON

PROPERTY REMARKS: CORRECTION: INSTRUMENT NUMBER 747504 WAS OMITTED FROM THIS PROPERTY IN ERROR AND WAS ADDED AND CERTIFIED ON 1998/05/15 BY J MENARD.

ESTATE/QUALIFIER:	RECENTLY:	PIN CREATION DATE:
FEE SIMPLE LT CONVERSION QUALIFIED	FIRST CONVERSION FROM BOOK	1996/09/23

OWNERS' NAMES	CAPACITY	SHARE
SQUIRES, THERESE MARY	ROWN	

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/09/23 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/09/23						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1996/09/20 ***						
***SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:*						
*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1996/09/23 ***						
119980	1961/01/25	BYLAW				C
20R10029	1990/06/29	PLAN REFERENCE				C
747504	1990/07/09	CHARGE		*** COMPLETELY DELETED ***	SCOTIA MORTGAGE CORPORATION	
854571	1996/08/13	TRANSFER		*** COMPLETELY DELETED ***	HULL, DANIEL CHRISTOPHER HULL, DWAYNE ANNE	
854572	1996/08/13	CHARGE		*** COMPLETELY DELETED ***	FIRSTLINE TRUST COMPANY	
H734981	1998/05/12	DISCH OF CHARGE		*** COMPLETELY DELETED *** SCOTIA MORTGAGE CORPORATION		

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NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
	REMARKS: RE: 747504					
20R13164	1999/04/14	PLAN REFERENCE				C
H785392	1999/04/23	APL (GENERAL)		*** COMPLETELY DELETED *** HULL, DANIEL CHRISTOPHER HULL, DWAYNE ANN		
	REMARKS: TO RELEASE ROW					
H848084	2000/05/17	CHARGE		*** COMPLETELY DELETED *** HULL, DANIEL CHRISTOPHER HULL, DWAYNE ANNE	ASSOCIATES MORTGAGE CORPORATION	
HR70394	2001/08/31	CHARGE		*** COMPLETELY DELETED *** HULL, DANIEL CHRISTOPHER HULL, DWAYNE ANNE	CIBC MORTGAGES INC.	
HR75683	2001/09/27	DISCH OF CHARGE		*** COMPLETELY DELETED *** CITIFINANCIAL MORTGAGE CORPORATION		
	REMARKS: RE: H848084					
HR90446	2001/12/13	DISCH OF CHARGE		*** COMPLETELY DELETED *** CIBC MORTGAGES INC.		
	REMARKS: RE: 854572					
HR211620	2003/07/16	CHARGE		*** COMPLETELY DELETED *** HULL, DANIEL CHRISTOPHER HULL, DWAYNE ANNE	THE TORONTO-DOMINION BANK	
HR229243	2003/09/22	DISCH OF CHARGE		*** COMPLETELY DELETED *** CIBC MORTGAGES INC.		
	REMARKS: RE: HR70394					
HR477896	2006/05/19	CHARGE		*** COMPLETELY DELETED *** HULL, DANIEL CHRISTOPHER HULL, DWAYNE ANNE	THE TORONTO-DOMINION BANK	
HR634474	2008/01/11	CHARGE		*** COMPLETELY DELETED *** HULL, DANIEL CHRISTOPHER HULL, DWAYNE ANNE	THE TORONTO-DOMINION BANK	
HR637313	2008/01/23	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK		

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
	REMARKS: RE: HR211620					
HR638306	2008/01/28	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK		
	REMARKS: RE: HR477896					
HR725412	2008/12/19	TRANSFER		*** COMPLETELY DELETED *** HULL, DANIEL CHRISTOPHER	HULL, DWAYNE ANNE	
HR725413	2008/12/19	CHARGE		*** COMPLETELY DELETED *** HULL, DWAYNE ANNE	THE TORONTO-DOMINION BANK	
HR729503	2009/01/19	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK		
	REMARKS: RE: HR634474					
HR1397983	2016/09/30	TRANSFER		*** COMPLETELY DELETED *** HULL, DWAYNE ANNE	CHEUNG, JOHN KOUG	
	REMARKS: PLANNING ACT STATEMENTS.					
HR1408577	2016/11/08	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK		
	REMARKS: HR725413.					
HR1415114	2016/12/02	CHARGE		*** COMPLETELY DELETED *** CHEUNG, JOHN KOUG	THE TORONTO-DOMINION BANK	
HR1459830	2017/06/01	TRANSFER		*** COMPLETELY DELETED *** CHEUNG, JOHN KOUG	TAM, CAESAR	
	REMARKS: PLANNING ACT STATEMENTS.					
HR1459831	2017/06/01	CHARGE		*** COMPLETELY DELETED *** TAM, CAESAR	THE EFFORT TRUST COMPANY	
HR1466859	2017/06/28	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK		
	REMARKS: HR1415114.					
HR1718033	2020/08/05	TRANSFER	$895,000	TAM, CAESAR	SQUIRES, THERESE MARY	C
	REMARKS: PLANNING ACT STATEMENTS.					
HR1718034	2020/08/05	CHARGE	$650,000	SQUIRES, THERESE MARY	MARINO, ULRIKE	C

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
HR1718035	2020/08/05	NO ASSGN RENT GEN		SQUIRES, THERESE MARY	MARINO, ULRIKE	C
	REMARKS: NOTICE TO BE DELETED UPON DELETION OF HR1718034					
HR1718036	2020/08/05	CHARGE		*** COMPLETELY DELETED ***		
				ISSAIAS, KLEANTHIS	LAHOTI, PARUL	
				SQUIRES, THERESE MARY	LAHOTI, ARTI	
				NEW CUMBERLAND INC.		
HR1760998	2021/01/25	DISCH OF CHARGE		*** COMPLETELY DELETED ***		
				THE EFFORT TRUST COMPANY		
	REMARKS: HR1459831.					
HR1764205	2021/02/04	CHARGE		*** COMPLETELY DELETED ***		
				NEW CUMBERLAND INC.	BFT MORTGAGE INVESTMENT CORPORATION	
				ISSAIAS, KLEANTHIS		
				SQUIRES, THERESE MARY		
HR1764445	2021/02/05	DISCH OF CHARGE		*** COMPLETELY DELETED ***		
				LAHOTI, PARUL		
				LAHOTI, ARTI		
	REMARKS: HR1718036.					
HR1824717	2021/08/31	DISCH OF CHARGE		*** COMPLETELY DELETED ***		
				BFT MORTGAGE INVESTMENT CORPORATION		
	REMARKS: HR1764205.					
HR1843315	2021/11/08	CHARGE	$250,000	SQUIRES, THERESE MARY	1562404 ONTARIO INC.	C
HR1931603	2022/11/02	TRANSFER OF CHARGE		1562404 ONTARIO INC.	1508036 ONTARIO INC.	C
	REMARKS: HR1843315.					

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APPENDIX 3
AERIAL PHOTOGRAPHS

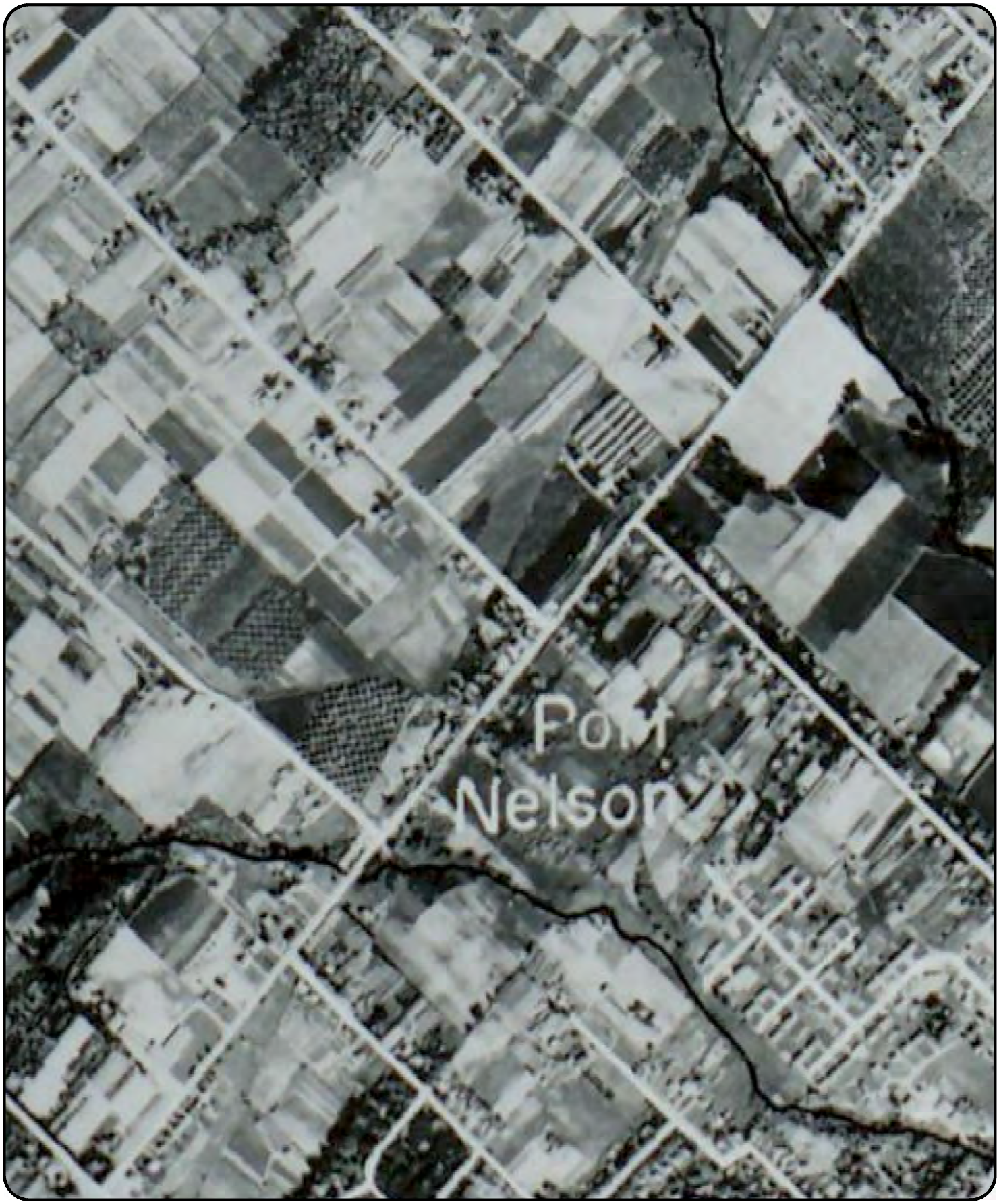
HISTORICAL AERIALS

Project Property:	R63060 462 Cumberland Avenue Burlington ON L7N 2X1
Project No:	
Requested By:	Rubicon Environmental (2008) Inc.
Order No:	21052600380
Date Completed:	May 26, 2021

Environmental Risk Information Services
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Decade	Year	Image Scale	Source
1940	Not Available		
1950	1954	10000	Hunting Survey Corporation Limited
1960	1965	20000	NAPL
1980	1980	50000	NAPL
1990	1992	25000	NAPL

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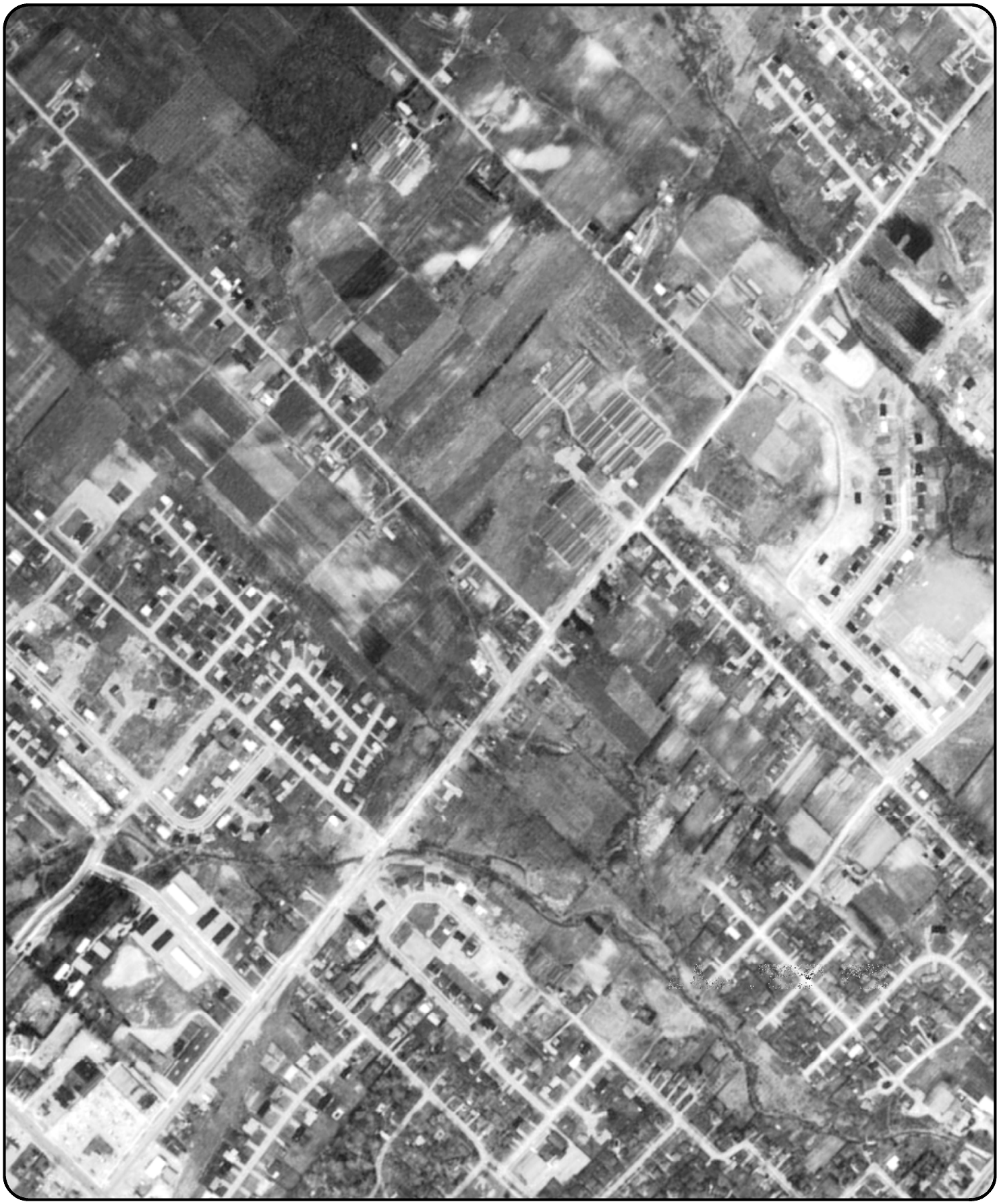


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Kilometers

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Source: Hunting Survey Corporation Limited
Map Scale: 1: 10000
Comments: Best Copy Available

ERIS



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Kilometers

Order Number: 21052600380

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Source: NAPL
Map Scale: 1: 10000
Comments:



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Kilometers

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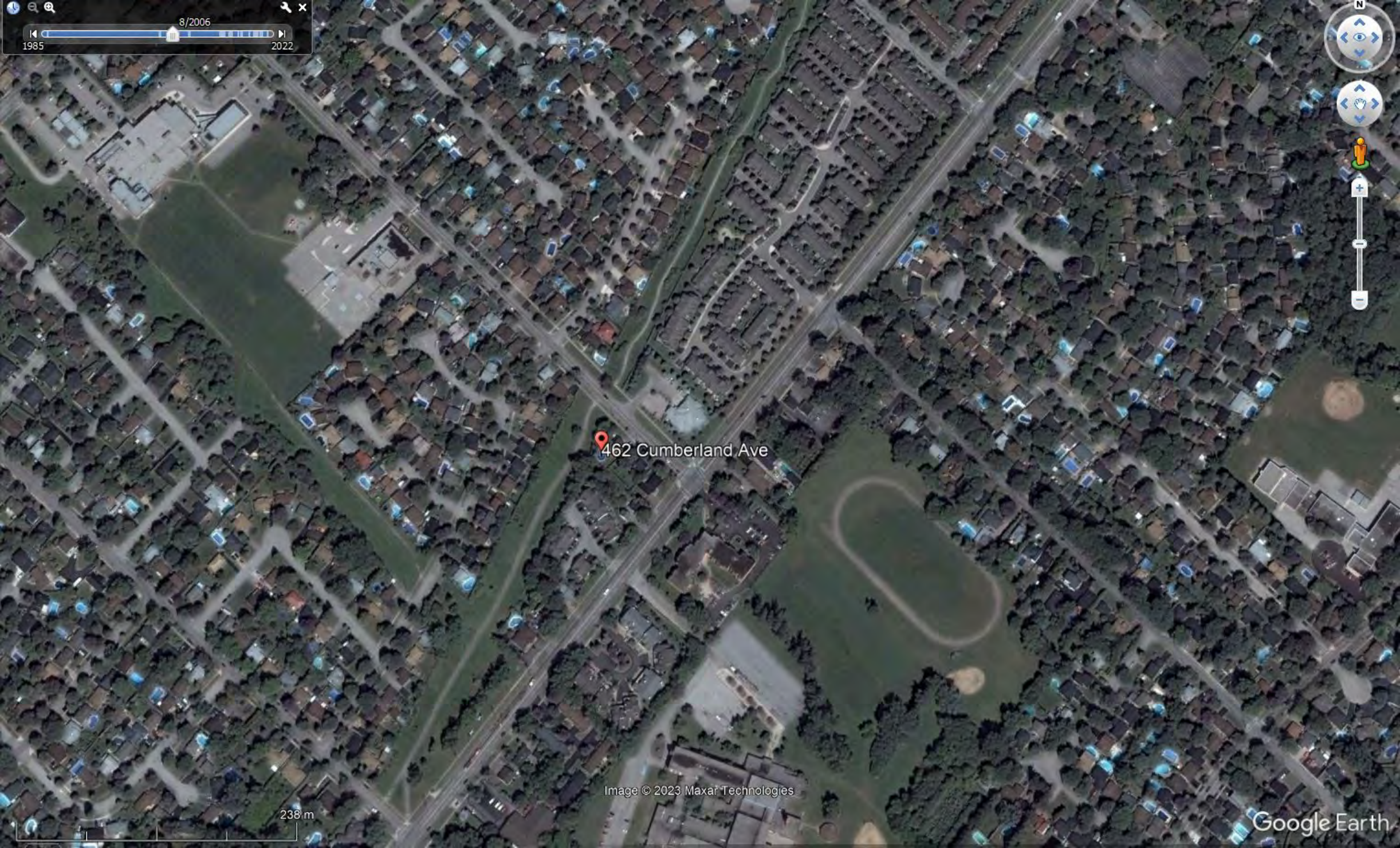
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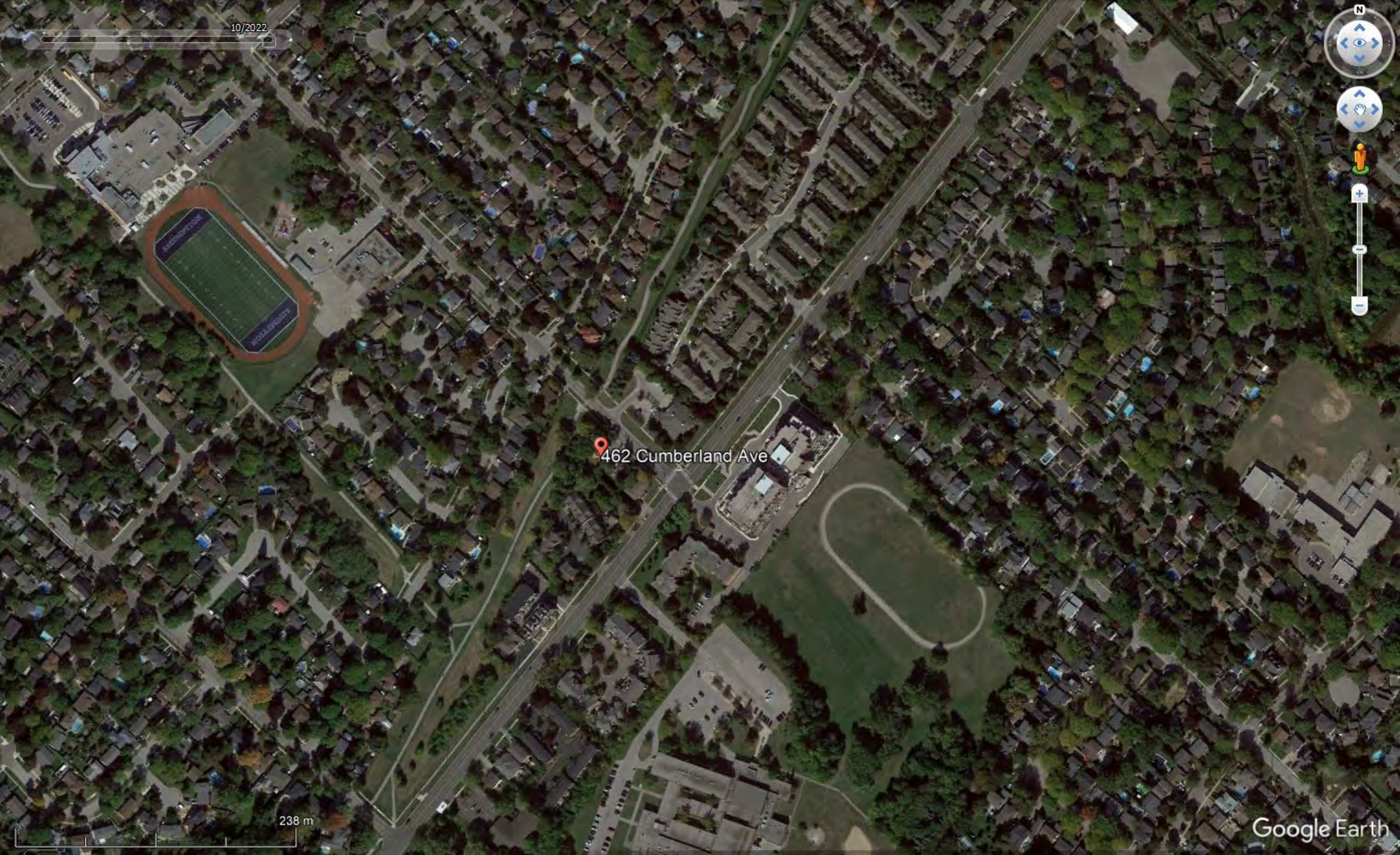
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Kilometers

Order Number: 21052600380

Year: 1992
Source: NAPL
Map Scale: 1: 10000
Comments:


8/2006
1985
2022
462 Cumberland Ave
Image © 2023 Maxar Technologies
238 m
Google Earth


10/2014
462 Cumberland Ave
Image © 2023 Maxar Technologies
238 m
Google Earth


10/2022
462 Cumberland Ave
238 m
Google Earth

APPENDIX 4
FIRE INSURANCE MAPS



opta
INFORMATION INTELLIGENCE

enviroscan







An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

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

Report Completed By:

Stephanie

Site Address:

462 Cumberland Avenue Burlington ON

Project No:

21052600380

Opta Order ID:

91047

Requested by:

Eleanor Goolab
Ecolog Eris

Date Completed:

6/2/2021 9:02:08 AM

Project Name: R63060

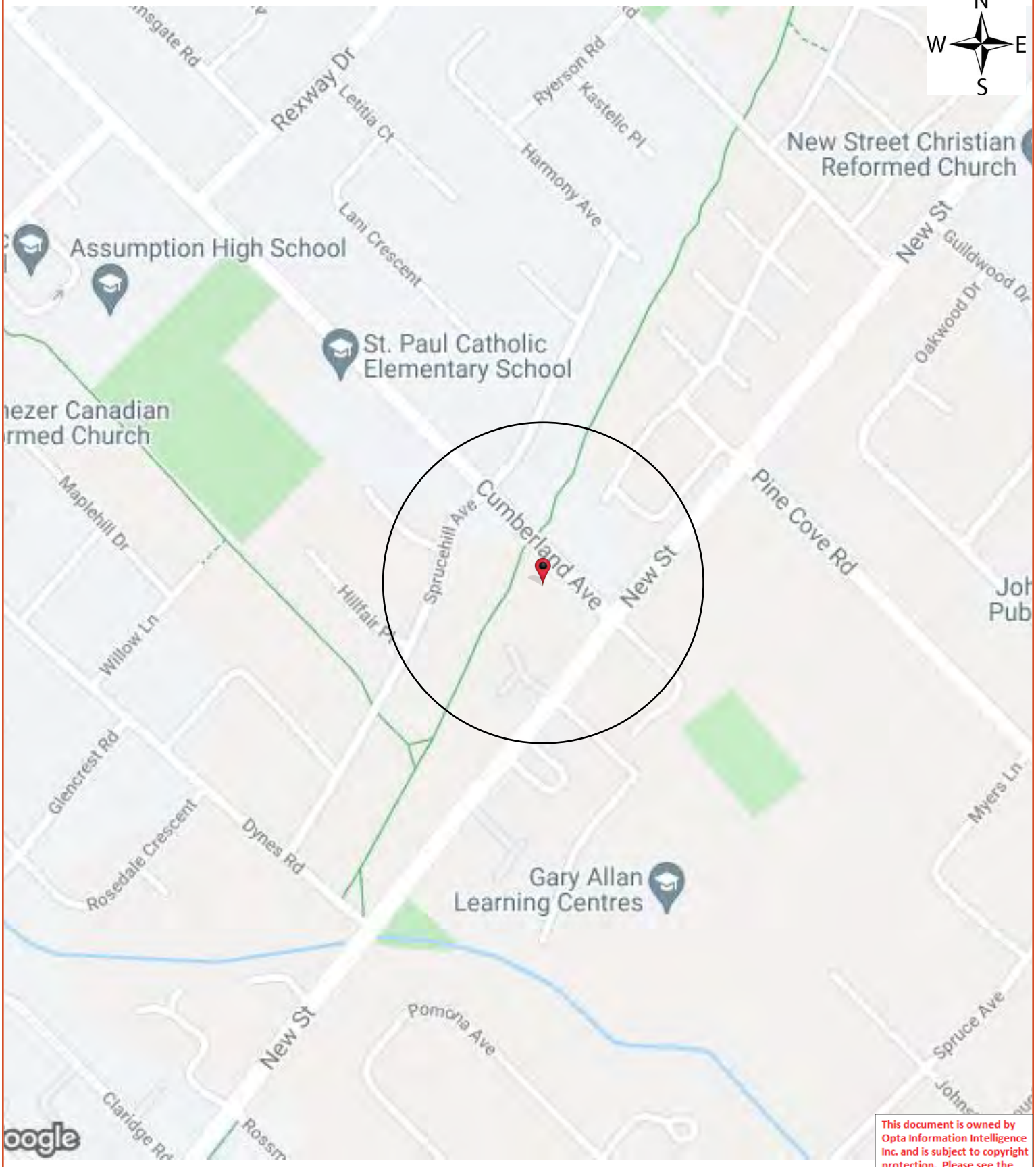
Project #: 21052600380

ENVIROSCAN Report

Search Area: 462 Cumberland Avenue Burlington ON

Requested by:
Eleanor Goolab
Date Completed: 06/02/2021 09:02:08

enviroscan
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Opta Historical Environmental Services Enviroscan™ Terms and Conditions

Report

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

Disclaimer

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

Entire Agreement

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

Governing Document

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

Law

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

APPENDIX 5
ECOLOG ERIS REPORT

DATABASE REPORT

Project Property:	*R63060 - R63064* *462 Cumberland Ave* *Burlington ON L7N 2X1*
Project No:	
Report Type:	*Standard Express Report*
Order No:	*23071100274*
Requested by:	*Rubicon Environmental (2008) Inc.*
Date Completed:	*July 11, 2023*

Environmental Risk Information Services
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Executive Summary

Property Information:

Project Property:	*R63060 - R63064* *462 Cumberland Ave Burlington ON L7N 2X1*
Project No:	

Coordinates:

Latitude:	*43.3455771*
Longitude:	*-79.777912*
UTM Northing:	*4,799,916.84*
UTM Easting:	*599,050.77*
UTM Zone:	*17T*

Elevation:	*288 FT* *87.89 M*

Order Information:

Order No:	*23071100274*
Date Requested:	*July 11, 2023*
Requested by:	*Rubicon Environmental (2008) Inc.*
Report Type:	*Standard Express Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
ERIS Xplorer	*ERIS Xplorer*

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	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	3	3
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	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	4	4
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	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	24	24
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	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	4	4
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	3	3
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	7	7
	Total:		0	48	48

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	CA	WESTBURY INTL. (1991) CORP.	NEW ST./CUMBERLAND AVE. BURLINGTON CITY ON	E/39.3	0.01	20
2	EHS		462 Cumberland Avenue Burlington ON L7N 2X1	NW/46.0	-0.05	20
3	WWIS		937 CUMBERLAND DRIVE Burlington ON ***Well ID:*** 7052398	E/49.9	0.97	20
4	WWIS		3306 NEW ST lot 13 Burlington ON ***Well ID:*** 7336982	ESE/69.1	0.43	23
5	WWIS		3276 NEW ST. lot 13 Burlington ON ***Well ID:*** 7206176	E/76.9	1.07	27
6	GEN	Burlington, Corp. of the City of fire Department	455 Cumberland Avenue Burlington ON L7N 3V7	N/82.8	2.81	29
6	EASR	CORPORATION OF THE CITY OF BURLINGTON	455 CUMBERLAND AVE BURLINGTON ON L7N 3V7	N/82.8	2.81	30
6	GEN	Regional Municipality of Halton Health Department	455 Cumberland Ave Burlington ON L7N3V7	N/82.8	2.81	30
6	GEN	The City of Burlington Corp Fire Department	455 Cumberland Ave Burlington ON L7N3V7	N/82.8	2.81	30
6	GEN	The City of Burlington Corp Fire Department	455 Cumberland Ave Burlington ON L7N3V7	N/82.8	2.81	31
6	GEN	Regional Municipality of Halton Health Department	455 Cumberland Ave Burlington ON L7N3V7	N/82.8	2.81	31
6	GEN	The City of Burlington Corp Fire Department	455 Cumberland Ave Burlington ON L7N3V7	N/82.8	2.81	32

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	GEN	Regional Municipality of Halton Health Department	455 Cumberland Ave Burlington ON L7N3V7	N/82.8	2.81	32
7	SPL	PUC	3260 NEW ST. TRANSFORMER PAD BURLINGTON CITY ON L7N 3L4	ESE/88.3	-0.90	32
7	GEN	Maranatha Homes	3260 New Street Burlington ON L7N 3L4	ESE/88.3	-0.90	33
8	BORE		ON	S/114.4	-1.05	33
9	EHS		3276, 3282, 3286, 3292, 3300, and 3306 New Street Burlington ON	E/118.8	1.08	35
10	RSC	MARANATHA GARDENS, RESIDENCE AND SENIOR CARE	3290 NEW STREET, BURLINGTON, ON L7N 1M8 Burlington ON	ENE/123.5	1.95	35
11	WWIS		3292 NEW STREET lot 13 Burlington ON ***Well ID:*** 7208245	ENE/130.3	1.95	36
11	SPL	Union Gas<UNOFFICIAL>	3290 New Street Burlington ON	ENE/130.3	1.95	40
11	EHS		3290 New Street Burlington ON L7N 1M8	ENE/130.3	1.95	41
11	PINC	PIPELINE HIT - 2"	3290 NEW ST,,BURLINGTON,ON,L7N 1M8,CA ON	ENE/130.3	1.95	41
12	PINC	ENBRIDGE GAS INC	3225 NEW ST,,BURLINGTON,ON,L7N 1M9,CA ON	SW/145.5	-1.05	42
13	WWIS		3306 NEW STREET Burlington ON ***Well ID:*** 7336981	ENE/158.2	2.64	42

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
14	WWIS		3306 NEW STREET Burlington ON ***Well ID:*** 7336980	ENE/168.0	1.95	46
15	WWIS		3300 NEW STREET Burlington ON ***Well ID:*** 7208244	ENE/174.6	1.95	49
16	GEN	HALTON BOARD OF EDUCATION	GENERAL BROCK HIGH SCHOOL 3250 NEW STREET BURLINGTON ON L7N 1M8	SE/178.9	-1.43	53
16	GEN	HALTON BOARD OF EDUCATION 19-115	GENERAL BROCK HIGH SCHOOL 3250 NEW STREET BURLINGTON ON L7N 1M8	SE/178.9	-1.43	54
16	GEN	HALTON DISTRICT SCHOOL BOARD	3250 New Street BURLINGTON ON L7N 1M8	SE/178.9	-1.43	55
16	GEN	THE REGIONAL MUNICIPALITY OF HALTON	3250 NEW STREET OAKVILLE ON L7M 1M8	SE/178.9	-1.43	55
16	SPL		3250 New Street Burlington ON L7N 1M8	SE/178.9	-1.43	56
16	GEN	HALTON DISTRICT SCHOOL BOARD	3250 New Street BURLINGTON ON L7N 1M8	SE/178.9	-1.43	57
16	GEN	HALTON DISTRICT SCHOOL BOARD	3250 New Street BURLINGTON ON L7N 1M8	SE/178.9	-1.43	58
16	GEN	HALTON DISTRICT SCHOOL BOARD	3250 New Street BURLINGTON ON	SE/178.9	-1.43	59
16	GEN	HALTON DISTRICT SCHOOL BOARD	3250 New Street BURLINGTON ON L7N 1M8	SE/178.9	-1.43	60
16	GEN	HALTON DISTRICT SCHOOL BOARD	3250 New Street BURLINGTON ON L7N 1M8	SE/178.9	-1.43	61
16	GEN	HALTON DISTRICT SCHOOL BOARD	3250 New Street BURLINGTON ON L7N 1M8	SE/178.9	-1.43	62

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
16	GEN	HALTON DISTRICT SCHOOL BOARD GARY ALLAN High School	3250 New Street BURLINGTON ON L7N 1M8	SE/178.9	-1.43	63
16	GEN	HALTON DISTRICT SCHOOL BOARD GARY ALLAN High School	3250 New Street BURLINGTON ON L7N 1M8	SE/178.9	-1.43	63
16	GEN	HALTON DISTRICT SCHOOL BOARD GARY ALLAN High School	3250 New Street BURLINGTON ON L7N 1M8	SE/178.9	-1.43	64
16	GEN	The Regional Municipality of Halton Health Department	3250 New Street Burlington ON L7N1M8	SE/178.9	-1.43	65
16	GEN	HALTON DISTRICT SCHOOL BOARD GARY ALLAN High School	3250 New Street BURLINGTON ON L7N 1M8	SE/178.9	-1.43	65
16	GEN	The Regional Municipality of Halton Health Department	3250 New Street Burlington ON L7N1M8	SE/178.9	-1.43	66
17	BORE		ON	SE/202.8	-2.05	67
18	PINC	ENBRIDGE GAS INC	418 PINE COVE RD,,BURLINGTON,ON, L7N 1W5,CA ON	ENE/218.4	1.95	68
19	EHS		General Brock Site Burlington ON	ESE/221.2	-0.08	68
20	PINC	PIPELINE HIT - 1/2"	414 PINE COVE ROAD,,BURLINGTON, ON,L7N 1W5,CA ON	ENE/228.5	1.95	68
21	BORE		ON	ENE/234.5	1.95	69

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 3 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	ENE	234.54	21

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	S	114.35	8
	ON	SE	202.76	17

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
WESTBURY INTL. (1991) CORP.	NEW ST./CUMBERLAND AVE. BURLINGTON CITY ON	E	39.32	1

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011- May 31, 2023 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
CORPORATION OF THE CITY OF BURLINGTON	455 CUMBERLAND AVE BURLINGTON ON L7N 3V7	N	82.83	6

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2023 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	3276, 3282, 3286, 3292, 3300, and 3306 New Street Burlington ON	E	118.81	9
	3290 New Street Burlington ON L7N 1M8	ENE	130.35	11

Lower Elevation	Address	Direction	Distance (m)	Map Key
	462 Cumberland Avenue Burlington ON L7N 2X1	NW	45.95	2
	General Brock Site Burlington ON	ESE	221.19	19

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 24 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Regional Municipality of Halton Health Department	455 Cumberland Ave Burlington ON L7N3V7	N	82.83	6
The City of Burlington Corp Fire Department	455 Cumberland Ave Burlington ON L7N3V7	N	82.83	6
Regional Municipality of Halton Health Department	455 Cumberland Ave Burlington ON L7N3V7	N	82.83	6
The City of Burlington Corp Fire Department	455 Cumberland Ave Burlington ON L7N3V7	N	82.83	6

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
The City of Burlington Corp Fire Department	455 Cumberland Ave Burlington ON L7N3V7	N	82.83	6
Regional Municipality of Halton Health Department	455 Cumberland Ave Burlington ON L7N3V7	N	82.83	6
Burlington, Corp. of the City of fire Department	455 Cumberland Avenue Burlington ON L7N 3V7	N	82.83	6

Lower Elevation	Address	Direction	Distance (m)	Map Key
Maranatha Homes	3260 New Street Burlington ON L7N 3L4	ESE	88.28	7
HALTON DISTRICT SCHOOL BOARD GARY ALLAN High School	3250 New Street BURLINGTON ON L7N 1M8	SE	178.86	16
The Regional Municipality of Halton Health Department	3250 New Street Burlington ON L7N1M8	SE	178.86	16
The Regional Municipality of Halton Health Department	3250 New Street Burlington ON L7N1M8	SE	178.86	16
HALTON DISTRICT SCHOOL BOARD GARY ALLAN High School	3250 New Street BURLINGTON ON L7N 1M8	SE	178.86	16
HALTON DISTRICT SCHOOL BOARD GARY ALLAN High School	3250 New Street BURLINGTON ON L7N 1M8	SE	178.86	16
HALTON DISTRICT SCHOOL BOARD GARY ALLAN High School	3250 New Street BURLINGTON ON L7N 1M8	SE	178.86	16
HALTON DISTRICT SCHOOL BOARD	3250 New Street BURLINGTON ON L7N 1M8	SE	178.86	16

HALTON DISTRICT SCHOOL BOARD	3250 New Street BURLINGTON ON L7N 1M8	SE	178.86	16
HALTON DISTRICT SCHOOL BOARD	3250 New Street BURLINGTON ON L7N 1M8	SE	178.86	16
HALTON DISTRICT SCHOOL BOARD	3250 New Street BURLINGTON ON L7N 1M8	SE	178.86	16
HALTON DISTRICT SCHOOL BOARD	3250 New Street BURLINGTON ON	SE	178.86	16
HALTON DISTRICT SCHOOL BOARD	3250 New Street BURLINGTON ON L7N 1M8	SE	178.86	16
THE REGIONAL MUNICIPALITY OF HALTON	3250 NEW STREET OAKVILLE ON L7M 1M8	SE	178.86	16
HALTON DISTRICT SCHOOL BOARD	3250 New Street BURLINGTON ON L7N 1M8	SE	178.86	16
HALTON BOARD OF EDUCATION 19-115	GENERAL BROCK HIGH SCHOOL 3250 NEW STREET BURLINGTON ON L7N 1M8	SE	178.86	16
HALTON BOARD OF EDUCATION	GENERAL BROCK HIGH SCHOOL 3250 NEW STREET BURLINGTON ON L7N 1M8	SE	178.86	16

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 4 PINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
PIPELINE HIT - 2"	3290 NEW ST,,BURLINGTON,ON,L7N 1M8,CA ON	ENE	130.35	11
ENBRIDGE GAS INC	418 PINE COVE RD,,BURLINGTON, ON,L7N 1W5,CA ON	ENE	218.35	18

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
PIPELINE HIT - 1/2"	414 PINE COVE ROAD,, BURLINGTON,ON,L7N 1W5,CA ON	ENE	228.55	20

Lower Elevation	Address	Direction	Distance (m)	Map Key
ENBRIDGE GAS INC	3225 NEW ST,,BURLINGTON,ON,L7N 1M9,CA ON	SW	145.52	12

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-May 2023 has found that there are 1 RSC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
MARANATHA GARDENS, RESIDENCE AND SENIOR CARE	3290 NEW STREET, BURLINGTON, ON L7N 1M8 Burlington ON	ENE	123.54	10

SPL - Ontario Spills

A search of the SPL database, dated 1988-Oct 2021 has found that there are 3 SPL site(s) within approximately 0.25 kilometers of the project property.

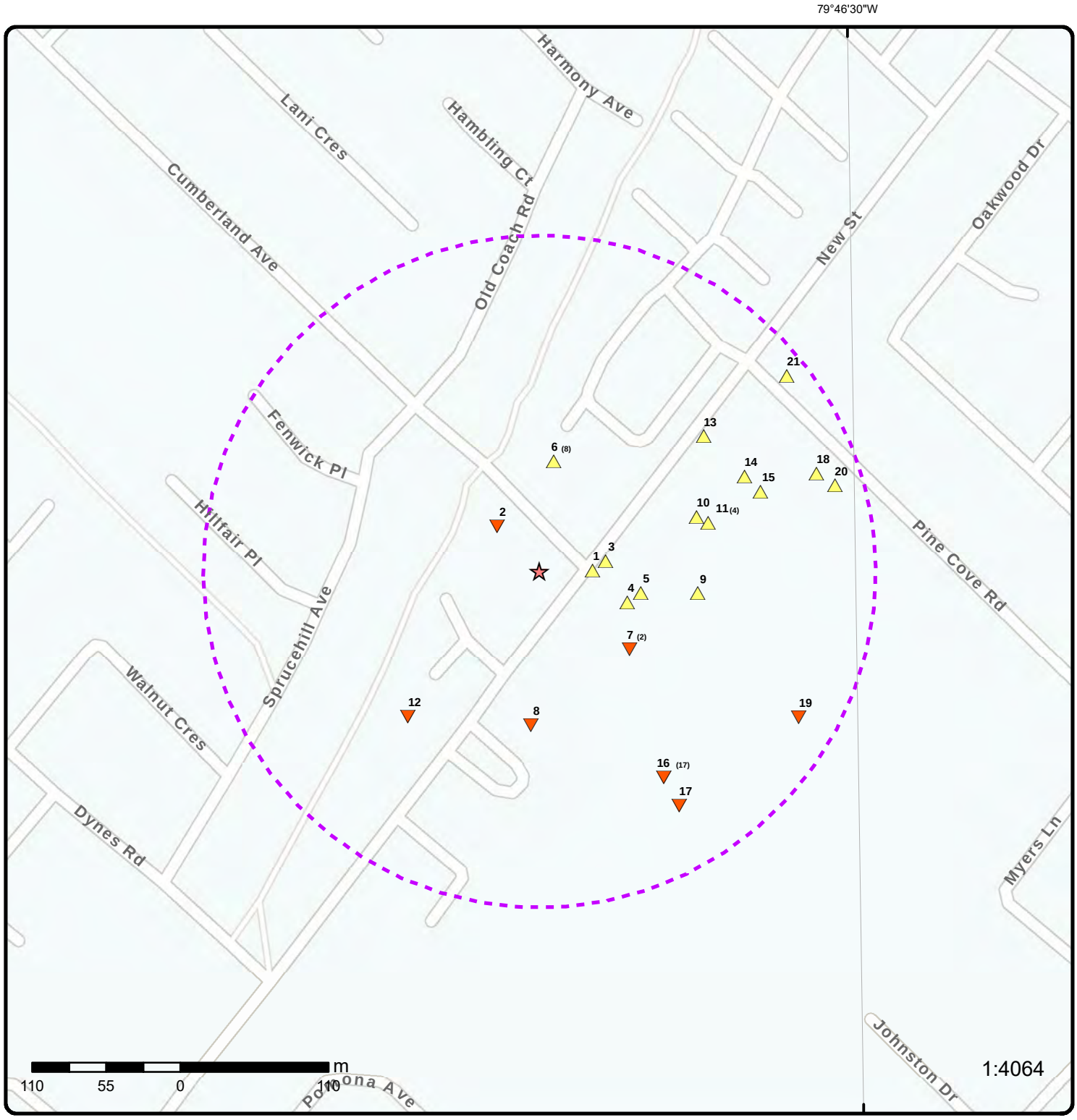
Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Union Gas<UNOFFICIAL>	3290 New Street Burlington ON	ENE	130.35	11

Lower Elevation	Address	Direction	Distance (m)	Map Key
PUC	3260 NEW ST. TRANSFORMER PAD BURLINGTON CITY ON L7N 3L4	ESE	88.28	7
	3250 New Street Burlington ON L7N 1M8	SE	178.86	16

WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31 2023 has found that there are 7 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	937 CUMBERLAND DRIVE Burlington ON ***Well ID:*** 7052398	E	49.90	3
	3306 NEW ST lot 13 Burlington ON ***Well ID:*** 7336982	ESE	69.12	4
	3276 NEW ST. lot 13 Burlington ON ***Well ID:*** 7206176	E	76.88	5
	3292 NEW STREET lot 13 Burlington ON ***Well ID:*** 7208245	ENE	130.35	11
	3306 NEW STREET Burlington ON ***Well ID:*** 7336981	ENE	158.15	13
	3306 NEW STREET Burlington ON ***Well ID:*** 7336980	ENE	168.04	14
	3300 NEW STREET Burlington ON ***Well ID:*** 7208244	ENE	174.56	15



Map: 0.25 Kilometer Radius

Order Number: 23071100274

Address: 462 Cumberland Ave, Burlington, ON

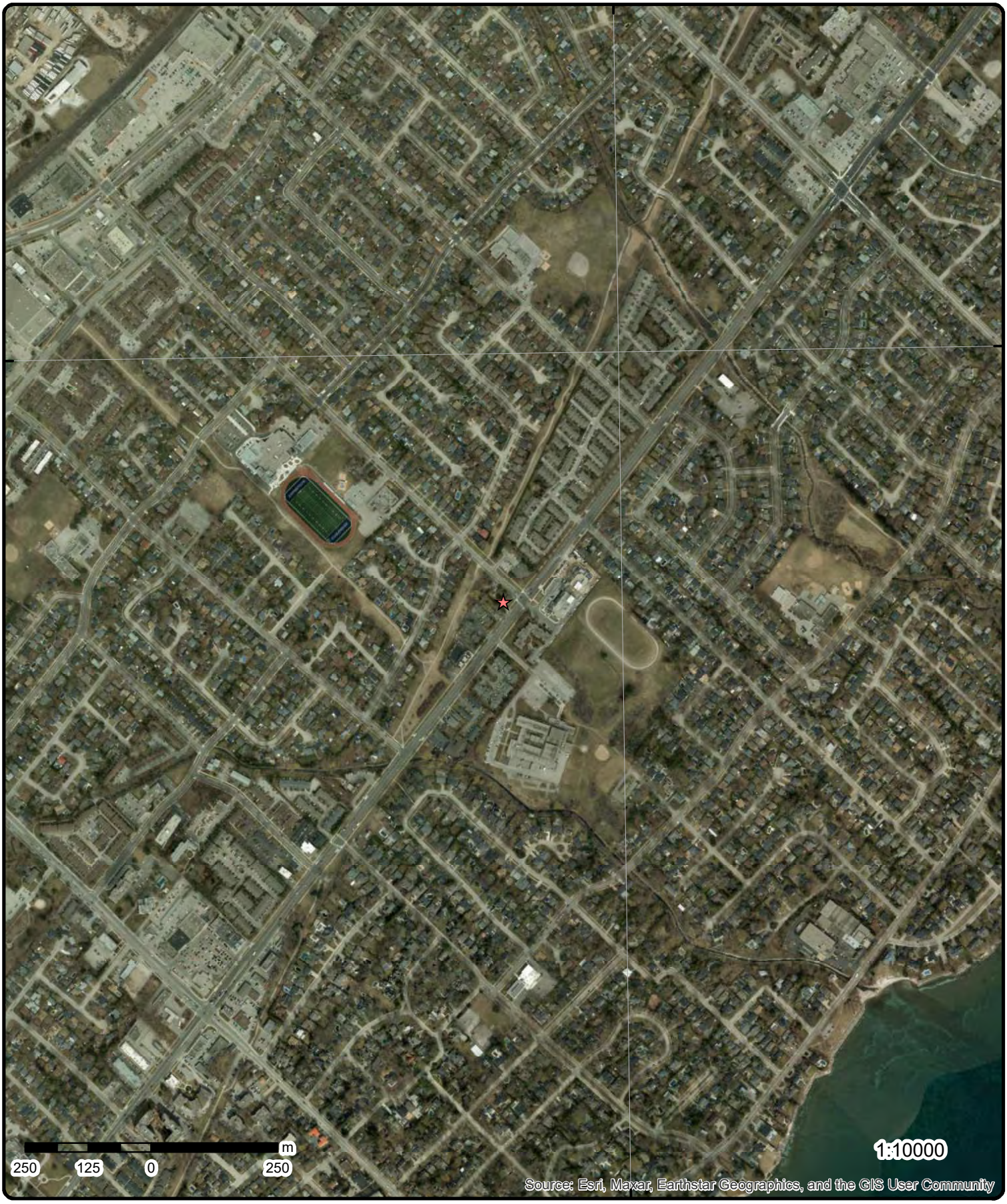
- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major Arterial; Minor Arterial
- Local Road
- Service Road; Traffic Circle; Ramp
- Rail
- Beach
- Airport
- Industrial Area
- Military Base
- Aircraft Roads
- Native Reservation
- Hospital
- Shopping & Sports Area
- University/College
- Cemetery; Golf Course
- Parkt (National)
- Park (City/County)

Source: © 2021 ESRI StreetMap Premium.

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79°46'30"W

43°21'N



43°21'N

Aerial

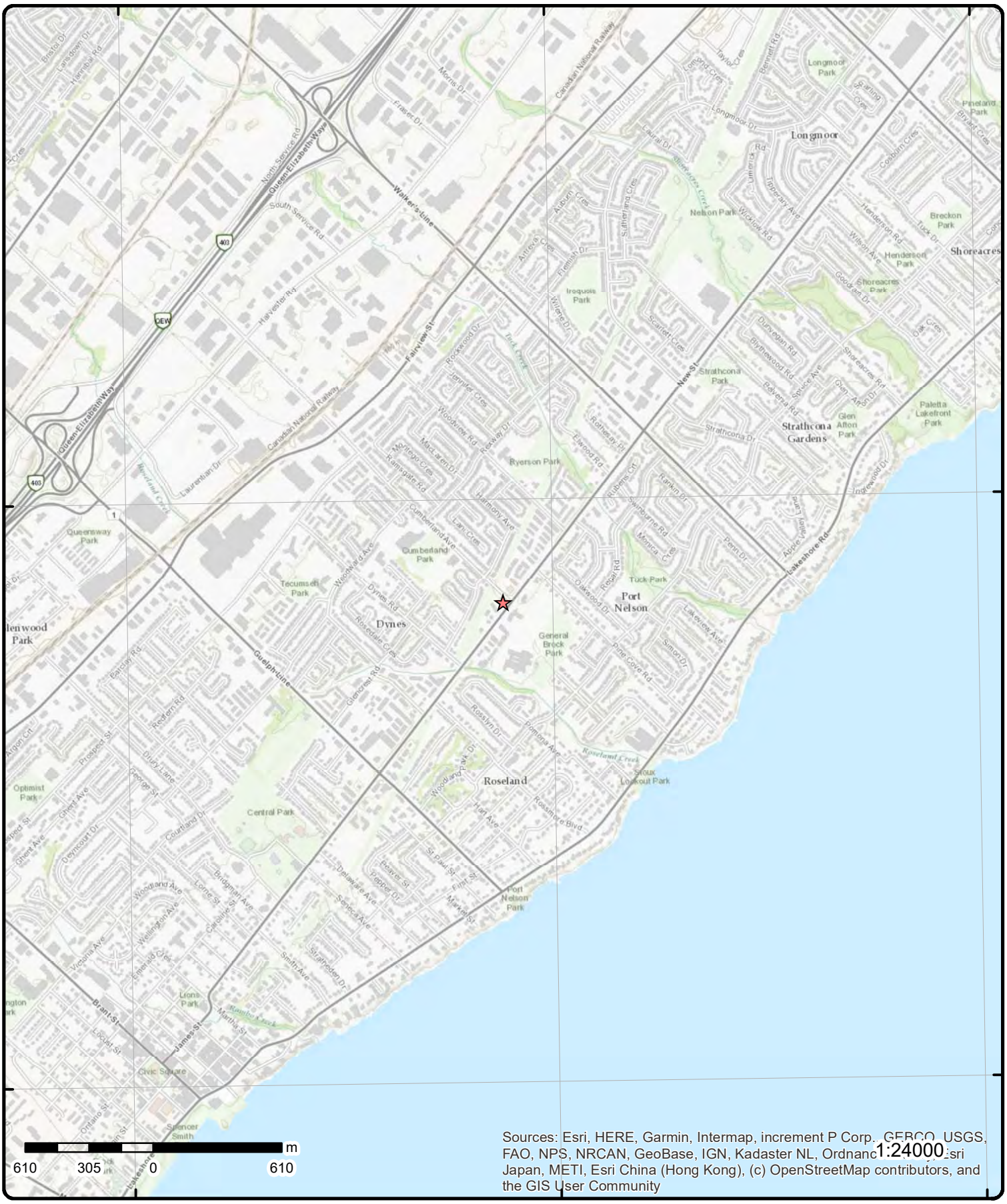
Year: 2022

Order Number: 23071100274

Address: 462 Cumberland Ave, Burlington, ON

Source: ESRI World Imagery

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Topographic Map

Address: 462 Cumberland Ave, ON

Source: ESRI World Topographic Map

Order Number: 23071100274

ERIS

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	E/39.3	87.9 / 0.01	WESTBURY INTL. (1991) CORP. NEW ST./CUMBERLAND AVE. BURLINGTON CITY ON	CA

Certificate #:	3-0012-94-
Application Year:	94
Issue Date:	1/14/1994
Approval Type:	Municipal sewage
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
2	1 of 1	NW/46.0	87.8 / -0.05	462 Cumberland Avenue Burlington ON L7N 2X1	EHS

Order No:	21052600380	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	31-MAY-21	**Search Radius (km):**	.25
Date Received:	26-MAY-21	**X:**	-79.778295
Previous Site Name:		**Y:**	43.3458821
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 1	E/49.9	88.9 / 0.97	937 CUMBERLAND DRIVE Burlington ON	WWIS

Well ID:	7052398	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Not Used	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Observation Wells	**Date Received:**	11/16/2007
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z60403	**Contractor:**	6607
Tag:	A053617	**Form Version:**	4
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	HALTON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	BURLINGTON CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/705\7052398.pdf

Additional Detail(s) (Map)

Well Completed Date: 07/24/2007
Year Completed: 2007
Depth (m): 6
Latitude: 43.9399314272045
Longitude: -79.3804946176331
Path: 705\7052398.pdf

Bore Hole Information

Bore Hole ID: 23052398
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/24/2007
Remarks:
Loc Method Desc:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 599100.00
North83: 4799925.00
Org CS: UTM83
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: unk

Overburden and Bedrock Materials Interval

Formation ID: 1000067134
Layer: 2
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1.5
Formation End Depth: 6.0
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1000067133
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 84
Mat3 Desc: SILTY
Formation Top Depth: 0.0

Formation End Depth:	1.5
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1000067136
Layer:	1
Plug From:	0.0
Plug To:	3.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1000067141
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1000067131
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1000067138
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	3.0
Casing Diameter:	5.099999904632568
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1000067139
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1000067132
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	

Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Water Details

Water ID:	1000067137
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1000067135
Diameter:	15.0
Depth From:	
Depth To:	6.0
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	23052398	**Tag No:**	A053617
Depth M:	6	**Contractor:**	6607
Year Completed:	2007	**Latitude:**	43.3456440622651
Well Completed Dt:	07/24/2007	**Longitude:**	-79.777303230802
Audit No:	Z60403	**Y:**	43.34564405934138
Path:	705\7052398.pdf	**X:**	-79.77730308197741

4 | ***1 of 1*** | ***ESE/69.1*** | ***88.3 / 0.43*** | ***3306 NEW ST lot 13 Burlington ON*** | ***WWIS***

Well ID:	7336982	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Test Hole	**Data Entry Status:**	
Use 2nd:	Monitoring	**Data Src:**	
Final Well Status:	Observation Wells	**Date Received:**	07/10/2019
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z310721	**Contractor:**	7644
Tag:	A269532	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	HALTON
Elevatn Reliabilty:		**Lot:**	013
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	DS S
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	BURLINGTON CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/733\7336982.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/07/2019
Year Completed: 2019
Depth (m): 4.572
Latitude: 43.3453628747168
Longitude: -79.7771114697248
Path: 733\7336982.pdf

Bore Hole Information

Bore Hole ID: 1007516911
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/07/2019
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 599116.00
North83: 4799894.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1008201679
Layer: 2
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2: 34
Mat2 Desc: TILL
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 7.5
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1008201678
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	1008201680
Layer:	3
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	92
Mat3 Desc:	WEATHERED
Formation Top Depth:	7.5
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008202399
Layer:	1
Plug From:	0.0
Plug To:	1.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008202400
Layer:	2
Plug From:	1.0
Plug To:	4.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008202401
Layer:	3
Plug From:	4.0
Plug To:	15.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008203289
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1008201108
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008203534
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	5.0
Casing Diameter:	2.0
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1008203783
Layer:	1
Slot:	10
Screen Top Depth:	5.0
Screen End Depth:	5.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.375

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1008204083
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Water Details

Water ID:	1008204017
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	8.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1008202997
Diameter:	6.0
Depth From:	0.0
Depth To:	15.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

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

Links

Bore Hole ID:	1007516911	***Tag No:***	A269532
Depth M:	4.572	***Contractor:***	7644
Year Completed:	2019	***Latitude:***	43.3453628747168
Well Completed Dt:	06/07/2019	***Longitude:***	-79.7771114697248
Audit No:	Z310721	***Y:***	43.345362872725886
Path:	733\7336982.pdf	***X:***	-79.7771113213941

5	***1 of 1***	***E/76.9***	***89.0 / 1.07***	***3276 NEW ST. lot 13 Burlington ON***	***WWIS***

Well ID:	7206176	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Observation Wells	***Date Received:***	08/13/2013
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z171564	***Contractor:***	7147
Tag:	A149621	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	HALTON
Elevatn Reliabilty:		***Lot:***	013
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	DS S
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	BURLINGTON CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/720\7206176.pdf

Additional Detail(s) (Map)

Well Completed Date:	08/02/2013
Year Completed:	2013
Depth (m):	5.8
Latitude:	43.3454245730116
Longitude:	-79.7769868524997
Path:	720\7206176.pdf

Bore Hole Information

Bore Hole ID:	1004502896	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	599126.00
Code OB Desc:		***North83:***	4799901.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	08/02/2013	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004983688
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	5.800000190734863
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004983697
Layer:	3
Plug From:	2.0999999046325684
Plug To:	5.800000190734863
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004983696
Layer:	2
Plug From:	0.30000001192092896
Plug To:	2.0999999046325684
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004983698
Layer:	4
Plug From:	
Plug To:	5.800000190734863
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004983695
Layer:	1
Plug From:	0.0
Plug To:	0.30000001192092896
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1004983694
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

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

Pipe Information

Pipe ID: 1004983687
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004983691
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 2.700000047683716
Casing Diameter: 5.0
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004983692
Layer: 1
Slot: .01
Screen Top Depth: 2.700000047683716
Screen End Depth: 5.800000190734863
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.300000190734863

Water Details

Water ID: 1004983690
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 3.700000047683716
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004983689
Diameter: 16.5
Depth From: 0.0
Depth To: 5.800000190734863
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

Bore Hole ID: 1004502896
Depth M: 5.8
Year Completed: 2013
Well Completed Dt: 08/02/2013
Audit No: Z171564
Path: 720\7206176.pdf
Tag No: A149621
Contractor: 7147
Latitude: 43.3454245730116
Longitude: -79.7769868524997
Y: 43.34542457052598
X: -79.77698670353875

6	*1 of 8*	*N/82.8*	*90.7 / 2.81*	***Burlington, Corp. of the City of fire Department*** ***455 Cumberland Avenue***	***GEN***

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Burlington ON L7N 3V7	

Generator No: ON6397793
SIC Code: 913140
SIC Description: Municipal Fire-Fighting Services
Approval Years: 04
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	2 of 8	N/82.8	90.7 / 2.81	**CORPORATION OF THE CITY OF BURLINGTON** **455 CUMBERLAND AVE** **BURLINGTON ON L7N 3V7**	EASR

Approval No: R-002-6474336122
Status: REGISTERED
Date: 2015-01-06
Record Type: EASR
Link Source: MOFA
Project Type: Standby Power System
Full Address:
Approval Type: EASR-Standby Power System
SWP Area Name: Halton
PDF URL:
PDF Site Location:

MOE District: Halton-Peel
Municipality: BURLINGTON
Latitude: 43.34611111
Longitude: -79.77805556
Geometry X:
Geometry Y:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	3 of 8	N/82.8	90.7 / 2.81	**Regional Municipality of Halton Health Department** **455 Cumberland Ave** **Burlington ON L7N3V7**	GEN

Generator No: ON3965511
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312 P
Waste Class Name: Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	4 of 8	N/82.8	90.7 / 2.81	**The City of Burlington Corp Fire Department** **455 Cumberland Ave** **Burlington ON L7N3V7**	GEN

Generator No: ON3585391
SIC Code:
SIC Description:

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

Approval Years: As of Jul 2020
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312 P
Waste Class Name: Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	5 of 8	N/82.8	90.7 / 2.81	The City of Burlington Corp Fire Department 455 Cumberland Ave Burlington ON L7N3V7	GEN

Generator No: ON3585391
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312 P
Waste Class Name: Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	6 of 8	N/82.8	90.7 / 2.81	Regional Municipality of Halton Health Department 455 Cumberland Ave Burlington ON L7N3V7	GEN

Generator No: ON3965511
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312 P
Waste Class Name: Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	7 of 8	N/82.8	90.7 / 2.81	The City of Burlington Corp Fire Department 455 Cumberland Ave Burlington ON L7N3V7	GEN

Generator No: ON3585391
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312 P
Waste Class Name: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	8 of 8	N/82.8	90.7 / 2.81	Regional Municipality of Halton Health Department 455 Cumberland Ave Burlington ON L7N3V7	GEN

Generator No: ON3965511
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312 P
Waste Class Name: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 2	ESE/88.3	87.0 / -0.90	PUC 3260 NEW ST. TRANSFORMER PAD BURLINGTON CITY ON L7N 3L4	SPL

Ref No: 9564
Site No:
Incident Dt: 9/19/1988
Year:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Event:
Environment Impact:
Nature of Impact:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/19/1988
Dt Document Closed:
Municipality No: 14101
System Facility Address:

Contaminant Qty:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:

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

Client Type:
Call Report Location Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Receiving Environment:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: BURLINGTON HYDRO - 150 L.TRANSFORMER OIL TO CONCRETE PAD.
Site Region:
Site Municipality: BURLINGTON CITY
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Client Name:

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7 | **2 of 2** | **ESE/88.3** | **87.0 / -0.90** | **Maranatha Homes**
3260 New Street
Burlington ON L7N 3L4 | **GEN**

Generator No: ON4923833
SIC Code:
SIC Description:
Approval Years: 07,08
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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8 | **1 of 1** | **S/114.4** | **86.8 / -1.05** | **ON** | **BORE**

Borehole ID: 621725
OGF ID: 215522179
Status:
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: MAY-1964
Static Water Level:
Primary Water Use: Not Used
Sec. Water Use:
Total Depth m: 4.7
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 43.34455
Longitude DD: -79.77801

Depth Ref:	Ground Surface	***UTM Zone:***	17
Depth Elev:		***Easting:***	599045
Drill Method:	Diamond Drill	***Northing:***	4799803
Orig Ground Elev m:	86.8	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	87.6		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218422129	***Mat Consistency:***	Compact
Top Depth:	1.5	***Material Moisture:***	
Bottom Depth:	2.3	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Till	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Silt	***Geologic Period:***	
Material 4:		***Depositional Gen:***	glacial
Gsc Material Description:			
Stratum Description:	TILL,SAND,SILT. BROWN,GLACIAL,COMPACT,UNIFORM,AGE GLACIAL.		

Geology Stratum ID:	218422127	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.3	***Material Texture:***	
Material Color:	Black	***Non Geo Mat Type:***	
Material 1:	Soil	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SOIL. BLACK,AGE POST-GLACIAL.		

Geology Stratum ID:	218422128	***Mat Consistency:***	Loose
Top Depth:	.3	***Material Moisture:***	
Bottom Depth:	1.5	***Material Texture:***	Medium
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Gravel	***Geologic Period:***	
Material 4:		***Depositional Gen:***	lacustrine
Gsc Material Description:			
Stratum Description:	SAND-MEDIUM,SILT, GRAVEL. BROWN,LACUSTRINE,LOOSE, GRANULAR,AGE GLACIAL.		

Geology Stratum ID:	218422130	***Mat Consistency:***	Dense
Top Depth:	2.3	***Material Moisture:***	
Bottom Depth:	3.1	***Material Texture:***	
Material Color:	Red	***Non Geo Mat Type:***	
Material 1:	Till	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Silt	***Geologic Period:***	
Material 4:	Shale	***Depositional Gen:***	glacial
Gsc Material Description:			
Stratum Description:	TILL,SAND,SILT,SHALERED,GLACIAL,VERY DENSE, UNIFORM,AGE GLACIAL.		

Geology Stratum ID:	218422131	***Mat Consistency:***	Dense
Top Depth:	3.1	***Material Moisture:***	
Bottom Depth:	4.7	***Material Texture:***	
Material Color:	Red	***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Shale	***Geologic Group:***	
Material 3:	Limestone	***Geologic Period:***	Ordovician
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: BEDROCK,SHALE, LIMESTONE. RED,VERY DENSE,WEATHERED, AGE ORDOVICIAN. 00010004000480180007505500004 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: HAM.txt RecordID: 007250 NTS_Sheet: 30M05C		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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9 | ***1 of 1*** | ***E/118.8*** | ***89.0 / 1.08*** | ***3276, 3282, 3286, 3292, 3300, and 3306 New Street Burlington ON*** | ***EHS***

Order No:	20120928016	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	09-OCT-12	**Search Radius (km):**	
Date Received:	28-SEP-12	**X:**	-79.776463
Previous Site Name:		**Y:**	43.345416
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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10 | ***1 of 1*** | ***ENE/123.5*** | ***89.8 / 1.95*** | ***MARANATHA GARDENS, RESIDENCE AND SENIOR CARE 3290 NEW STREET, BURLINGTON, ON L7N 1M8 Burlington ON*** | ***RSC***

RSC ID:	225987	**Cert Date:**	
RA No:		**Cert Prop Use No:**	
RSC Type:	Phase 1 and 2 RSC	**Intended Prop Use:**	Residential
Curr Property Use:	Residential	**Qual Person Name:**	ELENI BEYENE
Ministry District:	Halton-Peel District Office	**Stratified (Y/N):**	
Filing Date:	2019/09/18	**Audit (Y/N):**	
Date Ack:		**Entire Leg Prop. (Y/N):**	
Date Returned:		**Accuracy Estimate:**	
Restoration Type:		**Telephone:**	
Soil Type:		**Fax:**	
Criteria:		**Email:**	
CPU Issued Sect 1686:			
Asmt Roll No:	240207071000101		
Prop ID No (PIN):	07045-0219 (LT)		
Property Municipal Address:	3290 NEW STREET, BURLINGTON, ON L7N 1M8		
Mailing Address:			
Latitude & Latitude:			
UTM Coordinates:			

Consultant:
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=116991&fileName=BROWNFIELDS-E.pdf

Document(s) Detail

Document Heading: Supporting Documents
Document Name: APEC Table.pdf
Document Type: Area(s) of Potential Environmental Concern
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=116988&fileName=APEC+Table.pdf

Document Heading: Supporting Documents
Document Name: Solicitor Letter.pdf
Document Type: Lawyer's letter consisting of a legal description of the property
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=116995&fileName=Solicitor+Letter.pdf

Document Heading: Supporting Documents
Document Name: Certificate of Status.pdf
Document Type: Certificate of Status
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=116994&fileName=Certificate+of+Status.pdf

Document Heading: Supporting Documents
Document Name: Parcel Register.PDF
Document Type: Copy of any deed(s), transfer(s) or other document(s)
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=116996&fileName=Parcel+Register.PDF

Document Heading: Supporting Documents
Document Name: Current and Past Use Table.pdf
Document Type: Table of Current and Past Property Use
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=116989&fileName=Current+and+Past+Use+Table.pdf

Document Heading: Supporting Documents
Document Name: Phase Two CSM.pdf
Document Type: Phase 2 Conceptual Site Model
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=116993&fileName=Phase+Two+CSM.pdf

Document Heading: Supporting Documents
Document Name: Survey Plan.pdf
Document Type: A Current plan of Survey
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=116987&fileName=Survey+Plan.pdf

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11 | ***1 of 4*** | ***ENE/130.3*** | ***89.8 / 1.95*** | ***3292 NEW STREET lot 13 Burlington ON*** | ***WWIS***

Well ID:	7208245	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Observation Wells	***Date Received:***	09/20/2013
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z171590	***Contractor:***	7147
Tag:	A149650	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	HALTON

Elevatn Reliabilty:		***Lot:***	013
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	DS S
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	BURLINGTON CITY		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	08/27/2013
Year Completed:	2013
Depth (m):	4.6
Latitude:	43.3458861046724
Longitude:	-79.7763606881305
Path:	

Bore Hole Information

Bore Hole ID:	1004575291	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	599176.00
Code OB Desc:		***North83:***	4799953.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	08/27/2013	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004610183
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	0.10000000149011612
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004610185
Layer:	3

Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3: 84
Mat3 Desc: SILTY
Formation Top Depth: 3.0999999046325684
Formation End Depth: 4.599999904632568
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004610184
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.10000000149011612
Formation End Depth: 3.0999999046325684
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004610186
Layer: 4
Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 4.599999904632568
Formation End Depth:
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004610187
Layer: 5
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth:
Formation End Depth:
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID:	1004610195
Layer:	2
Plug From:	0.30000001192092896
Plug To:	1.2000000476837158
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004610197
Layer:	4
Plug From:	
Plug To:	4.599999904632568
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004610194
Layer:	1
Plug From:	0.0
Plug To:	0.30000001192092896
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004610196
Layer:	3
Plug From:	1.2000000476837158
Plug To:	4.599999904632568
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1004610193
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1004610182
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004610190
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	1.5
Casing Diameter:	5.0

Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004610191
Layer: 1
Slot: .01
Screen Top Depth: 1.5
Screen End Depth: 4.599999904632568
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.300000190734863

Water Details

Water ID: 1004610189
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 3.0999999046325684
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004610188
Diameter: 11.399999618530273
Depth From: 0.0
Depth To: 4.599999904632568
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

Bore Hole ID: 1004575291
Depth M: 4.6
Year Completed: 2013
Well Completed Dt: 08/27/2013
Audit No: Z171590
Path: 720\7208245.pdf
Tag No: A149650
Contractor: 7147
Latitude: 43.3458861046724
Longitude: -79.7763606881305
Y: 43.34588610230132
X: -79.77636053931647

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11 | ***2 of 4*** | ***ENE/130.3*** | ***89.8 / 1.95*** | ***Union Gas<UNOFFICIAL>*** ***3290 New Street*** ***Burlington ON*** | ***SPL***

Ref No: 6671-AQRN9V
Site No: NA
Incident Dt: 8/31/2017
Year:
Incident Cause:
Incident Event: Leak/Break
Environment Impact:
Nature of Impact:
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/31/2017
Dt Document Closed: 9/6/2017
Municipality No:
System Facility Address:
Client Type:
Call Report Location Geodata:
Contaminant Qty: 0 other - see incident description
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 4800004.07
Easting: 599164.97

Contaminant Code:	35
Contaminant Name:	NATURAL GAS (METHANE)
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	1075
Receiving Medium:	
Receiving Environment:	Air
Incident Reason:	Operator/Human Error
Incident Summary:	TSSA FSB: 2" steel, main, IP, made safe.
Site Region:	Central
Site Municipality:	Burlington
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Unknown / N/A
SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Source Type:	Pipeline/Components
Site County/District:	Regional Municipality of Halton
Site Geo Ref Meth:	
Site District Office:	Halton-Peel
Nearest Watercourse:	
Site Name:	Commercial<UNOFFICIAL>
Site Address:	3290 New Street
Client Name:	Union Gas<UNOFFICIAL>

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11 | ***3 of 4*** | ***ENE/130.3*** | ***89.8 / 1.95*** | ***3290 New Street Burlington ON L7N 1M8*** | ***EHS***

Order No:	20190128219	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Express Report	**Client Prov/State:**	ON
Report Date:	28-JAN-19	**Search Radius (km):**	.25
Date Received:	28-JAN-19	**X:**	-79.776526
Previous Site Name:		**Y:**	43.345982
Lot/Building Size:			
Additional Info Ordered:			

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11 | ***4 of 4*** | ***ENE/130.3*** | ***89.8 / 1.95*** | ***PIPELINE HIT - 2" 3290 NEW ST,,BURLINGTON,ON,L7N 1M8,CA ON*** | ***PINC***

Incident Id:		**Pipe Material:**	
Incident No:	2146788	**Fuel Category:**	
Incident Reported Dt:	8/31/2017	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	
Customer Acct Name:	PIPELINE HIT - 2"		
Incident Address:	3290 NEW ST,,BURLINGTON,ON,L7N 1M8,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			

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

Occurrence Desc:
Damage Reason:
Notes:

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12 | ***1 of 1*** | ***SW/145.5*** | ***86.8 / -1.05*** | ***ENBRIDGE GAS INC*** | ***PINC***
3225 NEW ST,,BURLINGTON,ON,L7N 1M9,CA
ON

Incident Id:
Incident No: 2873456
Incident Reported Dt: 6/23/2020
Type: FS-Pipeline Incident
Status Code:
Tank Status: Pipeline Damage Reason Est
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Depth:
Customer Acct Name: ENBRIDGE GAS INC
Incident Address: 3225 NEW ST,,BURLINGTON,ON,L7N 1M9,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

Pipe Material:
Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interrupt:
Enforce Policy:
Public Relation:
Pipeline System:
PSIG:
Attribute Category:
Regulator Location:
Method Details:

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13 | ***1 of 1*** | ***ENE/158.2*** | ***90.5 / 2.64*** | ***3306 NEW STREET*** | ***WWIS***
Burlington ON

Well ID: 7336981
Construction Date:
Use 1st: Test Hole
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z310720
Tag: A269534
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality:
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 07/10/2019
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7644
Form Version: 7
Owner:
County:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1007516893
DP2BR:

Elevation:
Elevrc:

Spatial Status:		***Zone:***	
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	9
Date Completed:	06/07/2019	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008201677
Layer:	4
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	15.0
Formation End Depth:	17.5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008201675
Layer:	2
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	34
Mat2 Desc:	TILL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	8.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008201676
Layer:	3
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:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008201674
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008202397
Layer:	2
Plug From:	1.0
Plug To:	5.5
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008202396
Layer:	1
Plug From:	0.0
Plug To:	1.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008202398
Layer:	3
Plug From:	5.5
Plug To:	17.5
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008203288
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1008201107
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008203533
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	7.5
Casing Diameter:	2.0
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1008203782
Layer:	1
Slot:	10
Screen Top Depth:	7.5
Screen End Depth:	17.5
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.375

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1008204082
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Water Details

Water ID:	1008204016
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	8.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1008202996
Diameter:	6.0
Depth From:	0.0
Depth To:	17.5
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 1	ENE/168.0	89.8 / 1.95	3306 NEW STREET Burlington ON	WWIS

Well ID: 7336980
Construction Date:
Use 1st: Test Hole
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z310722
Tag: A269538
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: BURLINGTON CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 07/10/2019
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7644
Form Version: 7
Owner:
County: HALTON
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/733\7336980.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/07/2019
Year Completed: 2019
Depth (m): 5.334
Latitude: 43.3461976274792
Longitude: -79.7760213035662
Path: 733\7336980.pdf

Bore Hole Information

Bore Hole ID: 1007516890
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/07/2019
Remarks:
Loc Method Desc: from gis
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 599203.00
North83: 4799988.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: gis

Overburden and Bedrock Materials Interval

Formation ID: 1008201672
Layer: 2
Color: 7
General Color: RED

Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.0
Formation End Depth:	14.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008201671
Layer:	1
Color:	7
General Color:	RED
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008201673
Layer:	3
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	92
Mat3 Desc:	WEATHERED
Formation Top Depth:	14.0
Formation End Depth:	17.5
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008202395
Layer:	3
Plug From:	5.5
Plug To:	17.5
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008202394
Layer:	2
Plug From:	1.0
Plug To:	5.5
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008202393
Layer:	1
Plug From:	0.0
Plug To:	1.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008203287
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1008201106
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008203532
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	7.5
Casing Diameter:	2.0
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1008203781
Layer:	1
Slot:	10
Screen Top Depth:	7.5
Screen End Depth:	17.5
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.375

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1008204081
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	

Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Water Details

Water ID: 1008204015
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 12.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1008202995
Diameter: 6.0
Depth From: 0.0
Depth To: 17.5
Hole Depth UOM: ft
Hole Diameter UOM: Inch

Links

Bore Hole ID: 1007516890
Depth M: 5.334
Year Completed: 2019
Well Completed Dt: 06/07/2019
Audit No: Z310722
Path: 733\7336980.pdf
Tag No: A269538
Contractor: 7644
Latitude: 43.3461976274792
Longitude: -79.7760213035662
Y: 43.34619762443813
X: -79.77602115498425

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15 ***1 of 1*** ***ENE/174.6*** ***89.8 / 1.95*** ***3300 NEW STREET Burlington ON*** ***WWIS***

Well ID: 7208244
Construction Date:
Use 1st: Monitoring
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z171591
Tag: A149624
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: BURLINGTON CITY
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 09/20/2013
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7147
Form Version: 7
Owner:
County: HALTON
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/720\7208244.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/27/2013

Year Completed: 2013
Depth (m): 4.6
Latitude: 43.3460880132494
Longitude: -79.7758754503988
Path: 720\7208244.pdf

Bore Hole Information

Bore Hole ID: 1004575288
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/27/2013
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 599215.00
North83: 4799976.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1004610150
Layer: 1
Color: 8
General Color: BLACK
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.10000000149011612
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004610151
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.10000000149011612
Formation End Depth: 3.0999999046325684
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID:	1004610153
Layer:	4
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.599999904632568
Formation End Depth:	
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004610152
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	84
Mat3 Desc:	SILTY
Formation Top Depth:	3.0999999046325684
Formation End Depth:	4.599999904632568
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004610160
Layer:	1
Plug From:	0.0
Plug To:	0.30000001192092896
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004610161
Layer:	2
Plug From:	0.30000001192092896
Plug To:	1.2000000476837158
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004610163
Layer:	4
Plug From:	
Plug To:	4.599999904632568
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004610162

Layer: 3
Plug From: 1.2000000476837158
Plug To: 4.599999904632568
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1004610159
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1004610149
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004610156
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 1.5
Casing Diameter: 5.0
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004610157
Layer: 1
Slot: .01
Screen Top Depth: 1.5
Screen End Depth: 4.599999904632568
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.300000190734863

Water Details

Water ID: 1004610155
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 3.0999999046325684
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004610154
Diameter: 11.399999618530273
Depth From: 0.0
Depth To: 4.599999904632568
Hole Depth UOM: m
Hole Diameter UOM: cm

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

Links

Bore Hole ID:	1004575288	***Tag No:***	A149624
Depth M:	4.6	***Contractor:***	7147
Year Completed:	2013	***Latitude:***	43.3460880132494
Well Completed Dt:	08/27/2013	***Longitude:***	-79.7758754503988
Audit No:	Z171591	***Y:***	43.3460880104791
Path:	720\7208244.pdf	***X:***	-79.77587530097733

16	1 of 17	SE/178.9	86.5 / -1.43	HALTON BOARD OF EDUCATION GENERAL BROCK HIGH SCHOOL 3250 NEW STREET BURLINGTON ON L7N 1M8	GEN

Generator No:	ON0326301
SIC Code:	8511
SIC Description:	ELEMT./SECON. EDUC.
Approval Years:	86,87,88,89,90,97,98,99,00,01
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	148
Waste Class Name:	INORGANIC LABORATORY CHEMICALS
Waste Class:	211
Waste Class Name:	AROMATIC SOLVENTS
Waste Class:	212
Waste Class Name:	ALIPHATIC SOLVENTS
Waste Class:	213
Waste Class Name:	PETROLEUM DISTILLATES
Waste Class:	241
Waste Class Name:	HALOGENATED SOLVENTS
Waste Class:	242
Waste Class Name:	HALOGENATED PESTICIDES
Waste Class:	251
Waste Class Name:	OIL SKIMMINGS & SLUDGES
Waste Class:	252
Waste Class Name:	WASTE OILS & LUBRICANTS
Waste Class:	253
Waste Class Name:	EMULSIFIED OILS
Waste Class:	263
Waste Class Name:	ORGANIC LABORATORY CHEMICALS
Waste Class:	264
Waste Class Name:	PHOTOPROCESSING WASTES

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

Waste Class: 269
Waste Class Name: NON-HALOGENATED PESTICIDES

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	2 of 17	SE/178.9	86.5 / -1.43	HALTON BOARD OF EDUCATION 19-115 GENERAL BROCK HIGH SCHOOL 3250 NEW STREET BURLINGTON ON L7N 1M8	GEN

Generator No: ON0326301
SIC Code: 8511
SIC Description: ELEMT./SECON. EDUC.
Approval Years: 92,93,94,95,96
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

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

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

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 269
Waste Class Name: NON-HALOGENATED PESTICIDES

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	3 of 17	SE/178.9	86.5 / -1.43	HALTON DISTRICT SCHOOL BOARD 3250 New Street BURLINGTON ON L7N 1M8	GEN

Generator No: ON0326301
SIC Code:
SIC Description:
Approval Years: 02,03,04,05,06
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

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

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

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 269
Waste Class Name: NON-HALOGENATED PESTICIDES

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	4 of 17	SE/178.9	86.5 / -1.43	THE REGIONAL MUNICIPALITY OF HALTON 3250 NEW STREET OAKVILLE ON L7M 1M8	GEN

Generator No: ON8695158
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration
Approval Years: 05
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

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

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

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16 | **5 of 17** | **SE/178.9** | **86.5 / -1.43** | **3250 New Street Burlington ON L7N 1M8** | **SPL**

Ref No: 1576-7FWLAQ
Site No:
Incident Dt:
Year:
Incident Cause: Other Discharges
Incident Event:
Environment Impact: Possible
Nature of Impact: Surface Water Pollution
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/24/2008
Dt Document Closed: 6/26/2008
Municipality No:
System Facility Address:
Client Type:
Call Report Location Geodata:

Contaminant Qty: other - see incident description
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:

Contaminant Code:	
Contaminant Name:	Sheen
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	
Receiving Environment:	
Incident Reason:	Unknown - Reason not determined
Incident Summary:	Sheen to Rosland creek from storm sewer
Site Region:	
Site Municipality:	Burlington
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Unknown
SAC Action Class:	Watercourse Spills
Source Type:	
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Halton-Peel
Nearest Watercourse:	
Site Name:	Gary Allen Highschool<UNOFFICIAL>
Site Address:	
Client Name:	

16	***6 of 17***	***SE/178.9***	***86.5 / -1.43***	***HALTON DISTRICT SCHOOL BOARD*** ***3250 New Street*** ***BURLINGTON ON L7N 1M8***	***GEN***

Generator No:	ON0326301
SIC Code:	611116
SIC Description:	
Approval Years:	2011
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	242
Waste Class Name:	HALOGENATED PESTICIDES
Waste Class:	241
Waste Class Name:	HALOGENATED SOLVENTS
Waste Class:	251
Waste Class Name:	OIL SKIMMINGS & SLUDGES
Waste Class:	211
Waste Class Name:	AROMATIC SOLVENTS
Waste Class:	252
Waste Class Name:	WASTE OILS & LUBRICANTS
Waste Class:	264
Waste Class Name:	PHOTOPROCESSING WASTES
Waste Class:	263

Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 269
Waste Class Name: NON-HALOGENATED PESTICIDES

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

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16 | ***7 of 17*** | ***SE/178.9*** | ***86.5 / -1.43*** | ***HALTON DISTRICT SCHOOL BOARD***
3250 New Street
BURLINGTON ON L7N 1M8 | ***GEN***

Generator No: ON0326301
SIC Code: 611116
SIC Description:
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

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

Waste Class: 269
Waste Class Name: NON-HALOGENATED PESTICIDES

Waste Class: 263

Waste Class Name: ORGANIC LABORATORY CHEMICALS

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

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

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16 | ***8 of 17*** | ***SE/178.9*** | ***86.5 / -1.43*** | ***HALTON DISTRICT SCHOOL BOARD***
3250 New Street
BURLINGTON ON | ***GEN***

Generator No: ON0326301
SIC Code: 611116
SIC Description:
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 269
Waste Class Name: NON-HALOGENATED PESTICIDES

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 242

Waste Class Name: HALOGENATED PESTICIDES

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

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

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16 | ***9 of 17*** | ***SE/178.9*** | ***86.5 / -1.43*** | ***HALTON DISTRICT SCHOOL BOARD***
3250 New Street
BURLINGTON ON L7N 1M8 | ***GEN***

Generator No: ON0326301
SIC Code: 611116
SIC Description: 611116
Approval Years: 2016
PO Box No:
Country: Canada
Status:
Co Admin: Gary Crocker
Choice of Contact: CO_OFFICIAL
Phone No Admin: 905 632-2940 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 269
Waste Class Name: NON-HALOGENATED PESTICIDES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

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

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 264

Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

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16 | ***10 of 17*** | ***SE/178.9*** | ***86.5 / -1.43*** | ***HALTON DISTRICT SCHOOL BOARD***
3250 New Street
BURLINGTON ON L7N 1M8 | ***GEN***

Generator No: ON0326301
SIC Code: 611116
SIC Description: 611116
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin: Gary Crocker
Choice of Contact: CO_OFFICIAL
Phone No Admin: 905 632-2940 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

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

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 269
Waste Class Name: NON-HALOGENATED PESTICIDES

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 252

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		WASTE OILS & LUBRICANTS			

16	11 of 17	SE/178.9	86.5 / -1.43	**HALTON DISTRICT SCHOOL BOARD** **3250 New Street** **BURLINGTON ON L7N 1M8**	GEN

Generator No: ON0326301
SIC Code: 611116
SIC Description: 611116
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin: Gary Crocker
Choice of Contact: CO_OFFICIAL
Phone No Admin: 905 632-2940 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 269
Waste Class Name: NON-HALOGENATED PESTICIDES

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

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

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

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

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	12 of 17	SE/178.9	86.5 / -1.43	HALTON DISTRICT SCHOOL BOARD GARY ALLAN High School 3250 New Street BURLINGTON ON L7N 1M8	GEN

Generator No: ON0326301
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 212 L
Waste Class Name: Aliphatic solvents and residues

Waste Class: 122 C
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Class: 148 C
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 148 I
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 242 T
Waste Class Name: Halogenated pesticides and herbicides

Waste Class: 251 L
Waste Class Name: Waste oils/sludges (petroleum based)

Waste Class: 252 L
Waste Class Name: Waste crankcase oils and lubricants

Waste Class: 263 I
Waste Class Name: Misc. waste organic chemicals

Waste Class: 263 L
Waste Class Name: Misc. waste organic chemicals

Waste Class: 264 L
Waste Class Name: Photoprocessing wastes

Waste Class: 331 I
Waste Class Name: Waste compressed gases including cylinders

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	13 of 17	SE/178.9	86.5 / -1.43	HALTON DISTRICT SCHOOL BOARD GARY ALLAN High School 3250 New Street BURLINGTON ON L7N 1M8	GEN

Generator No: ON0326301
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 251 L
Waste Class Name: Waste oils/sludges (petroleum based)

Waste Class: 252 L
Waste Class Name: Waste crankcase oils and lubricants

Waste Class: 331 I
Waste Class Name: Waste compressed gases including cylinders

Waste Class: 148 I
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 212 L
Waste Class Name: Aliphatic solvents and residues

Waste Class: 263 I
Waste Class Name: Misc. waste organic chemicals

Waste Class: 263 L
Waste Class Name: Misc. waste organic chemicals

Waste Class: 122 C
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Class: 148 C
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 242 T
Waste Class Name: Halogenated pesticides and herbicides

Waste Class: 264 L
Waste Class Name: Photoprocessing wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	14 of 17	SE/178.9	86.5 / -1.43	HALTON DISTRICT SCHOOL BOARD GARY ALLAN High School 3250 New Street BURLINGTON ON L7N 1M8	GEN

Generator No: ON0326301
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 251 L

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

Waste Class Name: Waste oils/sludges (petroleum based)

Waste Class: 252 L
Waste Class Name: Waste crankcase oils and lubricants

Waste Class: 148 C
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 148 I
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 242 T
Waste Class Name: Halogenated pesticides and herbicides

Waste Class: 122 C
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Class: 264 L
Waste Class Name: Photoprocessing wastes

Waste Class: 331 I
Waste Class Name: Waste compressed gases including cylinders

Waste Class: 263 I
Waste Class Name: Misc. waste organic chemicals

Waste Class: 212 L
Waste Class Name: Aliphatic solvents and residues

Waste Class: 263 L
Waste Class Name: Misc. waste organic chemicals

16	***15 of 17***	***SE/178.9***	***86.5 / -1.43***	***The Regional Municipality of Halton Health Department 3250 New Street Burlington ON L7N1M8***	***GEN***

Generator No: ON2646355
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

Waste Class: 312 P
Waste Class Name: Pathological wastes

16	***16 of 17***	***SE/178.9***	***86.5 / -1.43***	***HALTON DISTRICT SCHOOL BOARD GARY ALLAN High School 3250 New Street BURLINGTON ON L7N 1M8***	***GEN***

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

Generator No: ON0326301
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 251 L
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 264 L
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 148 I
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 122 C
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Class: 263 I
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 212 L
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 252 L
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 331 I
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 148 C
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 263 L
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 242 T
Waste Class Name: HALOGENATED PESTICIDES

16	***17 of 17***	***SE/178.9***	***86.5 / -1.43***	***The Regional Municipality of Halton Health Department 3250 New Street Burlington ON L7N1M8***	***GEN***

Generator No: ON2646355
SIC Code:
SIC Description:
Approval Years: As of Apr 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:

MHSW Facility:

Detail(s)

Waste Class: 261 A
Waste Class Name: PHARMACEUTICALS

Waste Class: 312 P
Waste Class Name: PATHOLOGICAL WASTES

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17 ***1 of 1*** ***SE/202.8*** ***85.8 / -2.05*** ***ON*** ***BORE***

Borehole ID: 625916
OGF ID: 215526365
Status:
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: JUN-1966
Static Water Level:
Primary Water Use: Not Used
Sec. Water Use:
Total Depth m: 1.8
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Power auger
Orig Ground Elev m: 87.2
Elev Reliabil Note:
DEM Ground Elev m: 86.7
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 43.343995
Longitude DD: -79.776664
UTM Zone: 17
Easting: 599155
Northing: 4799743
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218438251
Top Depth: 1.5
Bottom Depth: 1.8
Material Color:
Material 1: Shale
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SHALE. ED,S **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218438250
Top Depth: 0
Bottom Depth: 1.5
Material Color:
Material 1: Fill
Material 2: Clay
Material 3: Silt
Material 4: Gravel
Gsc Material Description:
Stratum Description: FILL,CLAY,SILT, GRAVEL.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen: fill

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Appl: Spatial/Tabular
Source Iden: 1

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

Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: HAM.txt RecordID: 049170 NTS_Sheet: 30M05C		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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18 | ***1 of 1*** | ***ENE/218.4*** | ***89.8 / 1.95*** | ***ENBRIDGE GAS INC***
418 PINE COVE RD,,BURLINGTON,ON,L7N 1W5,
CA
ON | ***PINC***

Incident Id:		**Pipe Material:**	
Incident No:	2865486	**Fuel Category:**	
Incident Reported Dt:	6/11/2020	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	
Customer Acct Name:	ENBRIDGE GAS INC		
Incident Address:	418 PINE COVE RD,,BURLINGTON,ON,L7N 1W5,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

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19 | ***1 of 1*** | ***ESE/221.2*** | ***87.8 / -0.08*** | ***General Brock Site***
Burlington ON | ***EHS***

Order No:	20110914012	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	9/22/2011	**Search Radius (km):**	0.25
Date Received:	9/14/2011 10:16:19 AM	**X:**	-79.775554
Previous Site Name:		**Y:**	43.344575
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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20 | ***1 of 1*** | ***ENE/228.5*** | ***89.8 / 1.95*** | ***PIPELINE HIT - 1/2"***
414 PINE COVE ROAD,,BURLINGTON,ON,L7N | ***PINC***

1W5,CA
ON

Incident Id:		**Pipe Material:**	
Incident No:	1076682	**Fuel Category:**	
Incident Reported Dt:	4/4/2013	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	

Customer Acct Name: PIPELINE HIT - 1/2"
Incident Address: 414 PINE COVE ROAD,,BURLINGTON,ON,L7N 1W5,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

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21 **1 of 1** **ENE/234.5** **89.8 / 1.95** **BORE**

ON

Borehole ID:	621902	**Inclin FLG:**	No
OGF ID:	215522356	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	APR-1962	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	43.346865
Total Depth m:	3.7	**Longitude DD:**	-79.775619
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	599235
Drill Method:	Power auger	**Northing:**	4800063
Orig Ground Elev m:	91.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	90.4		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218423180	**Mat Consistency:**	Dense
Top Depth:	2.3	**Material Moisture:**	
Bottom Depth:	3.7	**Material Texture:**	Medium
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial
Gsc Material Description:			

Stratum Description: SAND-MEDIUM,SILT. BROWN,DENSE,GRANULAR, AGE GLACIAL. 0000000400030018000750390003 8SILT. BR **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	218423179	***Mat Consistency:***	Compact
Top Depth:	.9	***Material Moisture:***	
Bottom Depth:	2.3	***Material Texture:***	Fine to Medium
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	glacial
Gsc Material Description:			
Stratum Description:	SAND-FINE TO MEDIUM.BROWN,COMPACT,GRANULAR, AGE GLACIAL.		

Geology Stratum ID:	218423178	***Mat Consistency:***	Loose
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.9	***Material Texture:***	Fine to Medium
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	glacial
Gsc Material Description:			
Stratum Description:	SAND-FINE TO MEDIUM.BROWN,LOOSE,GRANULAR, AGE GLACIAL.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:	M	***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: HAM.txt RecordID: 009020 NTS_Sheet: 30M05C		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	***Horizontal Datum:***	NAD27
Source Type:	Data Survey	***Vertical Datum:***	Mean Average Sea Level
Source Date:	1956-1972	***Projection Name:***	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

Unplottable Summary

Total: 26 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	LABOK DEVELOPMENT CORPORATION	SOUTH SIDE OF NEW ST.	BURLINGTON CITY ON	
CA	632656 ONTARIO LTD. ROSELAND FOREST T/H	LOT 14 OFF NEW STREET	BURLINGTON CITY ON	
CA	QUINN HOMES PINELAND PRESBYTERIAN CHURCH	NEW STREET STREET A	BURLINGTON CITY ON	
CA	BURLINGTON CITY	PINEWOOD MEADOW PK. S.W.M.POND	BURLINGTON CITY ON	
CA	LABOK HOLDINGS	NEW STREET	BURLINGTON CITY ON	
CA	The Corporation of the City of Burlington	Stratheden Drive, Strathallan Avenue, Newbold Drive, and Newbold Court	Burlington ON	
CA	LAMENZA INVESTMENTS CORPORATION INC.	BUILDING SITE CUMBERLAND AVE.	BURLINGTON CITY ON	
CA	BURLINGTON CITY	PINEWOOD MEADOW PK. SWM POND	BURLINGTON CITY ON	
CA	The Regional Municipality of Halton	From Lakeshore Road to New St	Burlington ON	
CA	QUINN HOMES PINELAND PRESBYTERIAN CHURCH	S. OF NEW STREET STREET A	BURLINGTON CITY ON	
CA	The Regional Municipality of Halton	New St	Burlington ON	
CA	The Corporation of the City of Burlington	From Lakeshore Road to New St	Burlington ON	
CA	R.M. OF HALTON	PINE COVE RD./LAKESHORE RD.	BURLINGTON CITY ON	
CA	LABOK HOLDINGS	NEW ST.	BURLINGTON CITY ON	
DTNK	"690162 ONTARIO LTD ""DO NOT USE"""	CUMBERLAND RD	BURLINGTON ON	
DTNK	"690162 ONTARIO LTD ""DO NOT USE"""	CUMBERLAND RD	BURLINGTON ON	
ECA	The Regional Municipality of Halton	New St	Burlington ON	L6M 3L1

ECA	The Regional Municipality of Halton	New St	Burlington ON	L6M 3L1
PINC	ENBRIDGE GAS INC	5080 NEW ST #28,,BURLINGTON,ON,L7L 1V1, CA	ON	
SPL	Unknown<UNOFFICIAL>	New Street, east of Walker's Line	Burlington ON	
SPL	TRANSPORT TRUCK	NEW ST/SHORE ACRES TRANSPORT TRUCK (CARGO)	BURLINGTON CITY ON	
SPL	Fortinos Supermarket Limited (Main Office)	New Street	Burlington ON	
SPL	Dino's Pizza<UNOFFICIAL>	Laneway on the East End of the property of Roseland Plaza at 475- 55 Guelph Line	Burlington ON	
SPL	CONSTRUCTION COMPANY	NEW SUBDIVISION ON AUGUSTA ROAD	BURLINGTON CITY ON	
SPL	Fortino's Grocery Store<UNOFFICIAL>	New St	Burlington ON	
SPL		New Street (behind arena)	Burlington ON	

Unplottable Report

Site: ***LABOK DEVELOPMENT CORPORATION***
SOUTH SIDE OF NEW ST. BURLINGTON CITY ON

Database: ***CA***

Certificate #:	7-0088-89-
Application Year:	89
Issue Date:	1/27/1989
Approval Type:	Municipal water
Status:	Approved in 1989
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***632656 ONTARIO LTD. ROSELAND FOREST T/H***
LOT 14 OFF NEW STREET BURLINGTON CITY ON

Database: ***CA***

Certificate #:	7-0069-86-
Application Year:	86
Issue Date:	2/14/1986
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***QUINN HOMES PINELAND PRESBYTERIAN CHURCH***
NEW STREET STREET A BURLINGTON CITY ON

Database: ***CA***

Certificate #:	7-0478-88-
Application Year:	88
Issue Date:	6/28/1988
Approval Type:	Municipal water
Status:	Revised
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***BURLINGTON CITY***
PINEWOOD MEADOW PK. S.W.M.POND BURLINGTON CITY ON

Database: ***CA***

Certificate #:	3-0145-93-
Application Year:	93

Issue Date: 3/26/1993
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***LABOK HOLDINGS***
NEW STREET BURLINGTON CITY ON

Database: ***CA***

Certificate #: 7-1155-88-
Application Year: 88
Issue Date: 2/26/1990
Approval Type: Municipal water
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Corporation of the City of Burlington***
Stratheden Drive, Strathallan Avenue, Newbold Drive, and Newbold Court Burlington ON

Database: ***CA***

Certificate #: 7699-6NEQZG
Application Year: 2006
Issue Date: 4/4/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***LAMENZA INVESTMENTS CORPORATION INC.***
BUILDING SITE CUMBERLAND AVE. BURLINGTON CITY ON

Database: ***CA***

Certificate #: 7-0266-87-
Application Year: 87
Issue Date: 3/20/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***BURLINGTON CITY***
PINEWOOD MEADOW PK. SWM POND BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-0145-93-
Application Year: 93
Issue Date: 8/9/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Regional Municipality of Halton***
From Lakeshore Road to New St Burlington ON

Database: ***CA***

Certificate #: 7846-837RG9
Application Year: 2010
Issue Date: 3/3/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***QUINN HOMES PINELAND PRESBYTERIAN CHURCH***
S. OF NEW STREET STREET A BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-0538-88-
Application Year: 88
Issue Date: 6/29/1988
Approval Type: Municipal sewage
Status: Revised
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Regional Municipality of Halton***
New St Burlington ON

Database: ***CA***

Certificate #: 9573-7D5HEB
Application Year: 2008
Issue Date: 3/28/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: ***The Corporation of the City of Burlington***
From Lakeshore Road to New St Burlington ON

Database: ***CA***

Certificate #: 3187-88PGYP
Application Year: 2010
Issue Date: 9/2/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF HALTON***
PINE COVE RD./LAKESHORE RD. BURLINGTON CITY ON

Database: ***CA***

Certificate #: 7-0825-94-
Application Year: 94
Issue Date: 8/22/1994
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***LABOK HOLDINGS***
NEW ST. BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-1339-88-
Application Year: 88
Issue Date: 2/26/1990
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***"690162 ONTARIO LTD ""DO NOT USE"""***
CUMBERLAND RD BURLINGTON ON

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 10447740
Status: EXPIRED
Expired Date:
Max Hazard Rank:

Instance ID: 16789
Instance Type: FS Highway Tank - Gas/Diesel
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS HIGHWAY TANK - GASOLINE/DIESEL
Original Source: EXP
Record Date: Up to Mar 2012

Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Site: ***"690162 ONTARIO LTD ""DO NOT USE""" CUMBERLAND RD BURLINGTON ON***

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 10447727
Status: EXPIRED
Instance ID: 17583
Instance Type: FS Highway Tank - Gas/Diesel
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS HIGHWAY TANK - GASOLINE/DIESEL
Original Source: EXP
Record Date: Up to Mar 2012

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Site: ***The Regional Municipality of Halton New St Burlington ON L6M 3L1***

Database: ***ECA***

Approval No: 6934-7D5HK5
Approval Date: 2008-03-28
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: The Regional Municipality of Halton
Address: New St
Full Address:
Full PDF Link:
PDF Site Location:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***The Regional Municipality of Halton***
New St Burlington ON L6M 3L1

Database: ***ECA***

Approval No: 9573-7D5HEB
Approval Date: 2008-03-28
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Regional Municipality of Halton
Address: New St
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8466-7D3RSK-14.pdf
PDF Site Location:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***ENBRIDGE GAS INC***
5080 NEW ST #28,,BURLINGTON,ON,L7L 1V1,CA ON

Database: ***PINC***

Incident Id:
Incident No: 3062712
Incident Reported Dt: 6/15/2021
Type: FS-Pipeline Incident
Status Code:
Tank Status: Pipeline Damage Reason Est
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Depth:
Customer Acct Name: ENBRIDGE GAS INC
Incident Address: 5080 NEW ST #28,,BURLINGTON,ON,L7L 1V1,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:
Pipe Material:
Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interrupt:
Enforce Policy:
Public Relation:
Pipeline System:
PSIG:
Attribute Category:
Regulator Location:
Method Details:

Site: ***Unknown<UNOFFICIAL>***
New Street, east of Walker's Line Burlington ON

Database: ***SPL***

Ref No: 3735-7RTJKF
Site No:
Incident Dt:
Contaminant Qty: 0 other - see incident description
Nature of Damage:
Discharger Report:

Year:		***Material Group:***	
Incident Cause:	Discharge Or Bypass To A Watercourse	***Health/Env Conseq:***	
Incident Event:		***Agency Involved:***	
Environment Impact:	Not Anticipated	***Site Lot:***	
Nature of Impact:	Surface Water Pollution	***Site Conc:***	
MOE Response:	Planned Field Response	***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Map Datum:***	
MOE Reported Dt:	5/7/2009	***Northing:***	
Dt Document Closed:		***Easting:***	
Municipality No:			
System Facility Address:			
Client Type:			
Call Report Location Geodata:			
Contaminant Code:			
Contaminant Name:	HYDROCARBON LIGHT		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:			
Receiving Environment:			
Incident Reason:	Unknown - Reason not determined		
Incident Summary:	Nelson Park, light hydrocarbon sheen in Shoreacres Creek		
Site Region:			
Site Municipality:	Burlington		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:	Unknown		
SAC Action Class:	Watercourse Spills		
Source Type:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:	Shoreacres Creek at Nelson Park<UNOFFICIAL>		
Site Address:			
Client Name:	Unknown<UNOFFICIAL>		

Site: ***TRANSPORT TRUCK***
NEW ST/SHORE ACRES TRANSPORT TRUCK (CARGO) BURLINGTON CITY ON

Database: ***SPL***

Ref No:	93828	***Contaminant Qty:***	
Site No:		***Nature of Damage:***	
Incident Dt:	11/26/1993	***Discharger Report:***	
Year:		***Material Group:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Health/Env Conseq:***	
Incident Event:		***Agency Involved:***	FD, PD.
Environment Impact:	NOT ANTICIPATED	***Site Lot:***	
Nature of Impact:		***Site Conc:***	
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Map Datum:***	
MOE Reported Dt:	11/26/1993	***Northing:***	
Dt Document Closed:		***Easting:***	
Municipality No:	14101		
System Facility Address:			
Client Type:			
Call Report Location Geodata:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND		
Receiving Environment:			
Incident Reason:	ERROR		
Incident Summary:	SANDWELL FUELS -5-6 L FURNACE OIL TO ROAD FROM TANKER TRUCK,MVA,CLEANED UP		
Site Region:			
Site Municipality:	BURLINGTON CITY		

Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Client Name:

Site: ***Fortinos Supermarket Limited (Main Office)***
New Street Burlington ON

Database: ***SPL***

Ref No:	5640-77NAKZ	***Contaminant Qty:***	290 kg
Site No:		***Nature of Damage:***	
Incident Dt:		***Discharger Report:***	
Year:		***Material Group:***	Gases/Particulate
Incident Cause:	Other Discharges	***Health/Env Conseq:***	
Incident Event:		***Agency Involved:***	
Environment Impact:	Possible	***Site Lot:***	
Nature of Impact:	Air Pollution	***Site Conc:***	
MOE Response:	No Field Response	***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Map Datum:***	
MOE Reported Dt:	10/4/2007	***Northing:***	
Dt Document Closed:	11/8/2007	***Easting:***	

Municipality No:
System Facility Address:
Client Type:
Call Report Location Geodata:
Contaminant Code: 38
Contaminant Name: FREON R-22 (CFC)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Air
Receiving Environment:
Incident Reason:
Incident Summary: Fortino's: 290 kg R22 release
Site Region:
Site Municipality: Burlington
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Other
SAC Action Class:
Source Type:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Fortinos Supermarket #56<UNOFFICIAL>
Site Address:
Client Name: Fortinos Supermarket Limited (Main Office)

Site: ***Dino's Pizza<UNOFFICIAL>***
Laneway on the East End of the property of Roseland Plaza at 475- 55 Guelph Line Burlington ON

Database: ***SPL***

Ref No:	8034-6SWSUH	***Contaminant Qty:***	202.5 L
Site No:		***Nature of Damage:***	
Incident Dt:	8/22/2006	***Discharger Report:***	
Year:		***Material Group:***	
Incident Cause:		***Health/Env Conseq:***	
Incident Event:		***Agency Involved:***	

Environment Impact:	Possible	***Site Lot:***	
Nature of Impact:		***Site Conc:***	
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Map Datum:***	
MOE Reported Dt:	8/22/2006	***Northing:***	
Dt Document Closed:		***Easting:***	
Municipality No:			
System Facility Address:			
Client Type:			
Call Report Location Geodata:			
Contaminant Code:	16		
Contaminant Name:	COOKING OIL		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:			
Receiving Environment:			
Incident Reason:	Other - Reason not otherwise defined		
Incident Summary:	Dino's Pizza: 202.5 L cooking oil to paved laneway, contd		
Site Region:			
Site Municipality:	Burlington		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			
Source Type:	Other		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Halton-Peel		
Nearest Watercourse:			
Site Name:	Dino's Pizza<UNOFFICIAL>		
Site Address:	Laneway on the East End of the property of Roseland Plaza at 475- 55 Guelph Line		
Client Name:			

Site: ***CONSTRUCTION COMPANY***
NEW SUBDIVISION ON AUGUSTA ROAD BURLINGTON CITY ON

Database: ***SPL***

Ref No:	124187	***Contaminant Qty:***	
Site No:		***Nature of Damage:***	
Incident Dt:	3/14/1996	***Discharger Report:***	
Year:		***Material Group:***	
Incident Cause:	OTHER CONTAINER LEAK	***Health/Env Conseq:***	
Incident Event:		***Agency Involved:***	F.D., WORKS
Environment Impact:	POSSIBLE	***Site Lot:***	
Nature of Impact:	Soil contamination	***Site Conc:***	
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Map Datum:***	
MOE Reported Dt:	3/14/1996	***Northing:***	
Dt Document Closed:		***Easting:***	
Municipality No:	14101		
System Facility Address:			
Client Type:			
Call Report Location Geodata:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND		
Receiving Environment:			
Incident Reason:	UNKNOWN		
Incident Summary:	RIVERFIELD CONSTRUCTION: 100 L OF AN UNKNOWN LIQUID LEAKED FROM DRUM.		
Site Region:			
Site Municipality:	BURLINGTON CITY		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			

Sector Type:
SAC Action Class:
Source Type:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Client Name:

Site: ***Fortino's Grocery Store<UNOFFICIAL>***
New St Burlington ON

Database: ***SPL***

Ref No:	3867-6HLKUP	***Contaminant Qty:***	
Site No:		***Nature of Damage:***	
Incident Dt:	10/28/2005	***Discharger Report:***	0
Year:		***Material Group:***	Gases/Particulate
Incident Cause:	Discharge or Emission to Air	***Health/Env Conseq:***	
Incident Event:		***Agency Involved:***	
Environment Impact:	Possible	***Site Lot:***	
Nature of Impact:	Air Pollution	***Site Conc:***	
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Map Datum:***	
MOE Reported Dt:	10/28/2005	***Northing:***	
Dt Document Closed:		***Easting:***	
Municipality No:			
System Facility Address:			
Client Type:			
Call Report Location Geodata:			
Contaminant Code:			
Contaminant Name:	FREON R-22 (CFC)		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	Air		
Receiving Environment:			
Incident Reason:	Equipment Failure		
Incident Summary:	Fortino's: 116 kg R22 Freon to ATM		
Site Region:			
Site Municipality:	Burlington		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:	Other		
SAC Action Class:	Air Spills - Gases and Vapours		
Source Type:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Halton-Peel		
Nearest Watercourse:			
Site Name:	Fortino's Grocery Store<UNOFFICIAL>		
Site Address:			
Client Name:	Fortino's Grocery Store<UNOFFICIAL>		

Site:
New Street (behind arena) Burlington ON

Database: ***SPL***

Ref No:	7183-7Y7MGF	***Contaminant Qty:***	
Site No:		***Nature of Damage:***	
Incident Dt:		***Discharger Report:***	
Year:		***Material Group:***	
Incident Cause:	Unknown	***Health/Env Conseq:***	
Incident Event:		***Agency Involved:***	
Environment Impact:	Confirmed	***Site Lot:***	
Nature of Impact:	Other Impact(s); Surface Water Pollution	***Site Conc:***	
MOE Response:	No Field Response	***Site Geo Ref Accu:***	

Dt MOE Arvl on Scn:
MOE Reported Dt: 11/27/2009
Dt Document Closed:
Municipality No:
System Facility Address:
Client Type:
Call Report Location Geodata:
Contaminant Code: 15
Contaminant Name: PETROLEUM OIL (N.O.S.)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Receiving Environment:
Incident Reason: Spill
Incident Summary: City of Burlington: oil sheen in Shoreacres Crk. contained.
Site Region:
Site Municipality:
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Unknown
SAC Action Class: Watercourse Spills
Source Type:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Shoreacres Creek, Nelson Park<UNOFFICIAL>
Site Address:
Client Name:
Site Map Datum:
Northing:
Easting:

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 Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of 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 Oct 2022

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-Mar 2022

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-Feb 28, 2022

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 2021

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Feb 28, 2022

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-Feb 28, 2023

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 -May 2023

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-Apr 2023

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - May 31, 2023

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Oct 2022

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: Feb 28, 2022

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, 2023

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, 2023

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, 2023

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-Mar 31, 2023

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: Apr 30, 2022

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, 2022

List of Expired Fuels Safety Facilities: Provincial EXP

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

Government Publication Date: Feb 28, 2022

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-Mar 2023

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: Feb 28, 2022

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-Oct 31, 2022

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: Feb 28, 2022

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: Mar 21, 2022

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-Feb 2023

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, 2021

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Jun 30, 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-May 31, 2023

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-Aug 2021

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 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 - May 31, 2023

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, 2023

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: Feb 28, 2021

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 PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - May 31, 2023

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, 1992-2021

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 2023

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-Feb 28, 2023

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. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Oct 2021

Wastewater Discharger Registration Database: Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

Government Publication Date: 1990-Dec 31, 2020

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 - Apr 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: Feb 28, 2022

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, 2023

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: Mar 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX 6
QUALIFICATIONS OF ASSESSOR

PAUL DOUGLAS REW, P.Eng.

EDUCATION 1973 - 1979 University of Waterloo, B.A.Sc. Engineering

PROFESSIONAL MEMBERSHIPS:

- Professional Engineers of Ontario (PEO)
- Ontario Petroleum Contractors Association (OPCA)
- Canadian Oil Heat Association (COHA)
- National Association of Corrosion Engineers (NACE)
- National Groundwater Association
- Ontario Federation of Agriculture (OFA)

CONTINUING EDUCATION:

- On-Site Remediation of Contaminated Soil, Technical University of Nova Scotia
- Groundwater Contamination, Technical University of Nova Scotia
- Soil and Groundwater Remediation Strategies, National Water Well Association
- The Ontario Brownfield's Regulatory Summit (3rd Annual)
- Contaminated Lands, The Canadian Institute, Toronto
- Conducting Environmental Site Assessments in Canada; Associated Environmental Site Assessors of Canada Inc.
- Wind Farm Development, Design, Operation and Maintenance; Educational Program Innovations Center
- Ontario Environmental Farm Plan
- Petroleum Oriented Safety Training

EXPERIENCE:

- Conducting Phase I, Phase II and Phase III environmental site assessments.
- Site clean-ups, primarily of hydrocarbon spills and leaks.
- Overseeing the restoration / redevelopment of industrial / commercial properties.
- Emergency response for hydrocarbon spills.
- Implementing groundwater restoration / remediation programs.
- Expert witness for site rehabilitations of sites in previous hydrocarbon use
- Meeting with clients, site operators and owners to coordinate investigations and clean-ups.
- Coordinating with government agencies (Ministry of the Environment and Energy and Fuels Safety Branch, Technical Standards and Safety Authority) to meet governing criteria.

MAJOR PROJECTS EXPERIENCE:

- Former DHI Property, Streetsville, Ontario
  Implementing a site restoration of a former porcelain manufacturing facility and landfill site for redevelopment of the property for residential land use
- Former Roundhouse Property, London, Ontario
  Overseeing the restoration of former Roundhouse property impacted by hydrocarbon
- Former Lafarge Canada Inc. property, Guelph, Ontario
  Verification drilling program to determine presence of hydrocarbons and impairment from heavy metals at the former Oaks Pipe and Precast Plant facility. Soils and groundwater investigations.
- Former Serco Facility, London, Ontario
  Overseeing demolition of industrial complex including general contracting services, removal of abandoned underground storage tanks, testing of soils and groundwater

PAUL DOUGLAS REW, P.Eng.

WORK EXPERIENCE

1993 - Present **Rubicon Environmental**
Environmental Engineering Consultant

1989 - 1993 **Barenco Inc.**
Environmental Engineering Consultant

1982 - 1987 **Northwest Digital Ltd.**
Principal, Calgary, Alberta

- Vice President Sales and member, Board of Directors, 10 million dollars sales (70 employees).
- Providing engineering solutions for industry.
- Engineering applications, primarily for upstream and downstream petroleum applications and real time monitoring.

1981 **Leasametric Canada Limited**
Western Canadian Sales Manager, Calgary, AB and Vancouver, BC

- Sales and rentals of computer systems and electronic instrumentation.
- Overseeing Western Canadian inventory centre and office.

1979 - 1980 **Hewlett-Packard Canada Ltd.**
Technical Sales Representative, Calgary, AB

- Technical sales representative for real time computer systems.
- Advanced training in computer applications.
- Completed a variety of business courses.

1978 **Westinghouse Canada Ltd.**
Field Engineer, Columbia, South America

- Coordinating and supervising Columbian tradespeople for the installation of turbines.
- Checking and calibrating control systems.
- Turbine commissioning tests.
- Natural gas pipeline corrosion inspection.

1977: **Westinghouse Canada Ltd.**
Field Engineer, Libya, Africa

- Coordinating and supervising European and Middle East tradespeople for installing and operating a power turbine generating station.
- Power distribution for irrigation of the Sahara Desert for grain production.

PAUL DOUGLAS REW, P.Eng.

1977: **Ministry of Transport**
Electronic Technologist, Ottawa, ON

- Participating as a member of an engineering team conducting field studies and system tests.
- Developing engineering improvements for existing systems.
- Performing technical studies and writing technical reports.

1975 and 1976: **Corrosion Services Inc**.
Field Engineer, Southern Ontario

- Supervising the survey crew for a potential survey of the TransCanada Pipeline (Huntsville to Winnipeg).
- Implementing cathodic protection systems for buried tanks and elevated water towers.

1973: **Ministry of Revenue**
Commercial Assessor (Southern Ontario)

- Assessing industrial properties