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June 11, 2021 Reference No. G2S21194

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Phase One Environmental Site Assessment Update
522, 526 & 530 Winona Road
Stoney Creek, Ontario

1. INTRODUCTION

G2S Consulting Inc. (G2S) was retained by The Hi-Rise Group and Fengate Liuna Gardens Holdings LP (the Client) to complete a Phase One Environmental Site Assessment (ESA) Update for 522, 526 and 530 Winona Road in Stoney Creek, Ontario, hereinafter referred to as the 'Site'. Refer to Drawing 1 in Appendix A for the Site Location Plan.

G2S understands the Client requires a Phase One ESA Update for due diligence purposes.

The proposed development plan includes demolishing the existing two storey Liuna Gardens Banquet Centre, the two storey Liuna Local 837 offices/training facility and associated auxiliary sheds and storage buildings, a residential building is located on the northwest portion of the Site (530 Winona Road) and a vacant residential building (522 Winona Road) located to the south of the Winona Road entrance and constructing the following:

- Twenty-four (24) and fifteen (15) storey towers connected by two (2) storey podium at the east section of the Site;
- Twenty-four (24) and fifteen (15) storey towers connected by two (2) storey podium at the west section of the Site;
- Five (5) two storey town house blocks at the north section of the Site;
- Two (2) four storey low rise apartment buildings;
- Two storey amenity building; and
- Three (3) residential houses, two storey each at the north section of the Site.

It is further understood that the proposed development plans also include the construction of two (2) or three (3) levels of underground garages below the entire site area along with the associated underground utility and access roads.

This Phase One ESA Update was completed in accordance with the general requirements of CSA Standard Z768-01 (R2016), which outlines the protocol for Phase One ESAs.

The following reports were previously completed for the Site:

- *"Phase One Environmental Site Assessment, 526 Winona Road, Stoney Creek, Ontario",* prepared by Landtek Limited, dated November 15, 2019.

- *"Geotechnical Investigation, Proposed Residential Development, 526 Winona Road, Stoney Creek, Ontario",* prepared by Landtek Limited, dated November 29, 2019.

- *"Phase Two Environmental Site Assessment, 526 Winona Road, Stoney Creek, Ontario",* prepared by Landtek Limited dated December 3, 2019.

- *"Hydrogeological Investigation, Proposed Development, Liuna Gardens - 526 Winona Road, Stoney Creek, ON, L8E 5E9"*, prepared by Landtek Limited, dated May 28, 2020.

- *"Memorandum- Remedial Action Plan- Proposed Redevelopment, 526 Winona Road in Stoney Creek, Ontario (the Site)",* prepared by Landtek Limited, dated February 5, 2021.

- *"Designated Substances Survey, 526 Winona Road, Stoney Creek, Ontario",* prepared by G2S Consulting Inc., dated September 8, 2020 (updated March 24, 2021).

- *"Designated Substances Survey, 522 Winona Road, Stoney Creek, Ontario",* prepared by G2S Consulting Inc., dated April 1, 2021.

2. TERMS OF REFERENCE AND SCOPE OF WORK

The purpose of this Phase One ESA Update was to determine the likelihood that one or more contaminants have affected the Phase One ESA property from present or past Site activities or from surrounding properties since completion of the Phase One ESA by Landtek Limited. (Landtek) in 2019. This report should be read in conjunction with the previous Phase One ESA report. This Phase One ESA Update was completed in accordance with the general requirements of CSA Standard Z768-01 (R2016), which outlines the protocol for Phase One ESAs.

This Phase One ESA incorporates the concept of Potentially Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs) identified by the Ministry of the Environment, Conservation and Parks (MECP) as outlined in Schedule D (O. Reg. 153/04).

The nature of a Phase One ESA by definition is a nonintrusive site examination of “readily accessible features”. Therefore, the Phase One ESA assessment does not quantify the chemical or physical quality of the exposed or inaccessible features such as materials beneath buildings or buried on Site. In this regard, the assessment must be viewed as a mechanism that may assist in reducing, rather than eliminating the uncertainty of encountering environmental contaminants during future use of the Site.

The scope of work involved a records review from 2019 to present, a Site visit, interviews, evaluation of the information gathered and preparation of this report.

3. PHASE ONE ESA PROPERTY INFORMATION

Table 1: General Site Details

Municipal Address	522 Winona Road, Stoney Creek 526 Winona Road, Stoney Creek 530 Winona Road, Stoney Creek
General Site Location	East side of Winona Road, approximately 34 m south of Lake Ontario and west of East Street
Approximate Plan Area	3.49 ha (8.63 ac.)
Property Identification Number (PIN)	522 Winona Road: PIN 17369 – 0004 526/530 Winona Road: PIN 17369 – 0306
Legal Description	522 Winona Road: PT LT 49, PL310; PT LT UNNUMBERED, PL 310, AS IN CD438559; STONEY CREEK CITY OF HAMILTON. 526/530 Winona Road: PCL 48-1 SEC W310 (C): FIRSTLY: PT LT ESPLANADE PL 310; LT HON. WILLSON PL 310, PARTS 4, 6 AND 8 ON 62R11395; SECONDLY: PT LT UNNUMBERED PL 310, PT LTS 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59 AND 60 AND PT WILSON ST ON PL 310, PARTS 1, 2 AND 3 ON 62r11395; SAVE AND EXCEPT PART 2 ON 62R13823; SAVE AND EXCEPT 62M892; CD420706; CD420707 AND LT574775; S TONEY CREEK NOW THE CITY OF HAMILTON.
Current Site Owner	522 Winona Road: Fengate Liuna Gardens Nominee Inc. 526/530 Winona Road: 34 West Avenue North (Hamilton) Incorporated
Current Site Occupant	522 Winona Road: Vacant residential dwelling 526 Winona Road: Liuna Gardens Banquet Centre Liuna Local 837 (Laborers' International Union of North America) 530 Winona Road: Occupied residential dwelling

The Phase One Study Area includes the Site and lands within approximately 250 m of the Site, as shown on Drawing 2 in Appendix A, hereinafter referred to as the Study Area.

4. RECORDS REVIEW

Available public records were reviewed to determine the land use history of the Site and surrounding properties.

4.1 Property Ownership

A land title search for the Site was conducted online at the Teranet Express website for the Hamilton Wentworth Land Registry office. The Land Registry document for 522 Winona Road indicates the property was transferred to the current owner, Fengate Liuna Gardens Nominee Inc., in January 2021.

The Land Registry document and chain of title report previously completed for 526/530 Winona Road indicates the property was transferred to the current owner, 34 West Avenue North (Hamilton) Incorporated, in July 1985. The Land Registry document for the Site is included in Appendix B.

4.2 Surrounding Properties

At the time of the 2019 Phase One ESA, the properties located within the Study Area were reportedly residential, with the exception of the municipal pumping station located at 524 Winona Road (south adjacent). No significant changes to the surrounding properties have occurred since the completion of the 2019 Phase One ESA.

4.3 Property Use Records

The following new records were reviewed within the Study Area:

4.3.1 Waste Management Records

The Site and properties within the Study Area were searched by company name for records currently registered with HWIN. No records were found.

4.4 ERIS Database Report

An RSC Database report was requested from Environmental Risk Information Service (ERIS) for the Site and 250 m Study Area. The records are summarized below:

Table 2: ERIS Database Records

Database	Location/ Direction and Distance from Site	Pertinent Information
ERIS Historical Searches	526 Winona Road (Site)	- A Standard Report was completed on September 3, 2019.
	504 Winona Road (~75 m southwest)	- A Standard Report was completed on February 6, 2019.

Database	Location/ Direction and Distance from Site	Pertinent Information
Environmental Compliance Approval (ECA)	City of Hamilton HC016 Winona Sewage Pumping Station South Adjacent	A Certificate of Approval was granted for upgrades to an existing sanitary sewage pumping station and forcemain. The existing works include a sewage pumping station and forcemain, a rectangular wet well and a 300 mm diameter forcemain discharging to MH #4, located at Lido Drive and Portofino Place. The upgrades included replacing two existing pumps, the addition of one additional pump, one new flow meter, two new level sensors (January 25, 2008).
		A Certificate of Approval (Air) was granted for one standby diesel generator set, to provide power to the facility during emergency situations. (December 3, 2008).
	12 Winona Park Road ~215 m east	A Certificate of Approval was submitted by Mohammed Aaquib Abdul Raheem and was granted for a sewage project on March 9, 2020.
	12 Winona Park Road ~215 m east	A Certificate of Approval for municipal and private sewage work project was submitted by Mohammed Aaquib Abdul Raheem and was approved on February 28, 2020.
	Creanona Boulevard and Wendakee Drive ~235 m east	An ECA was submitted by the Corporation of the City of Hamilton for a municipal and private sewage works project and was approved on May 15, 2000.
Certificates of Approval	Liuna Court/Winona Road South Adjacent	A Certificate of Approval for 34 West Avenue North (Hamilton) Inc. was approved for municipal water in March 1999.
	Liuna Court/Winona Road South Adjacent	A Certificate of Approval for 34 West Avenue North (Hamilton) Inc. was approved municipal sewage in March 1999.
	PT. Lot 4, East Street/Wendakee Drive/Baseline East Adjacent	A Certificate of Approval for the Regional Municipality of Hamilton-Wentworth was granted for a municipal sewage project waste on November 1, 1991.
	East Street, south of Wendakee Drive, Stoney Creek East Adjacent	A Certificate of Approval application from the Regional Municipality of Hamilton-Wentworth for municipal sewage was canceled (August 25, 1987).
	Part Lot 4, East Street/Richmond Crescent and Baseline Road ~210 m southeast	A Certificate of Approval for the Regional Municipality of Hamilton-Wentworth was approved for a municipal water project in November of 1991.
	Creanona Boulevard and Wendakee Drive ~235 m east	A Certificate of Approval for a municipal sewage project was submitted by Regional Municipality of Hamilton-Wentworth and was approved on May 25, 1992.
	Creanona Boulevard and Wendakee Drive ~235 m east	A Certificate of Approval for a municipal and private water project was submitted by the Corporation of the Regional Municipality of

Database	Location/ Direction and Distance from Site	Pertinent Information
		Hamilton- Wentworth and was approved June 2000.
	Creanona Boulevard and Wendakee Drive, Lot 3 & 4 ~235 m east	A Certificate of Approval for municipal and private sewage project was submitted by the Corporation of the City of Hamilton and was approved May 2000.
Pipeline Incidents	88 Richmond Crescent ~150 m east	A fuel safety pipeline incident occurred on October 6, 2014. A natural gas pipeline (1/2") was hit. The reason for the damage was due to insufficient excavation practices.
Ontario Spills	88 Richmond Crescent ~150 m east	A spill record was located for a natural gas (methane) leak/break at the property on October 3, 2014. Confirmed air pollution due to operator/human error at a residential site.
Unplottable Sites	Unknown	19 records for unplottable sites were located. The records were generally for Certificates of Approval for municipal and private sewage works, air and one permit to take water.

The above environmental source records are not deemed to represent PCAs for the Site. The ERIS report is included in Appendix C.

4.5 Regulatory Information

The following new records were reviewed within the Study Area:

Table 3: Environmental Source Information

Document	Source	Pertinent Information
Environmental Bill of Rights Registry (EBR)	MECP	- Environmental Compliance Approval (Sewage) was granted to Mohammed Aaquib Abdul Raheem, for the establishment of a new on-site sewage works system designed to service a proposed dwelling located at 12 Winona Park Road, in Stoney Creek, Hamilton, Ontario. The sewage works system is for the sewage collection, treatment and subsurface disposal, based on a daily flow of 4,650 litres per day. The system will include a precast concrete anaerobic digester tank, with an internal pump chamber, a waterloo biofilter treatment unit and a shallow buried trench for groundwater disposal of treated effluent. (March 2020)
Technical Standards and Safety Authority (TSSA)	TSSA via email June 8, 2021	No records were located.
Freedom of Information (FOI) Request	MECP	-Requests generally take several weeks to months to generate a response. Should a response from the government agency change the conclusions or recommendations of this report, an addendum letter will be provided along with the information received.

Document	Source	Pertinent Information
Brownfields Environmental Site Registry	MECP online	-No new records were located.

The above environmental source records are not deemed to represent PCAs for the Site. The environmental source information is included in Appendix C.

4.6 Physical Setting Sources

No changes to the physical setting of the Site and Study Area were identified during the Phase One ESA Update.

4.7 Site Operating Records

Site Operating Records were requested by G2S at the time of this Phase One ESA Update report. The following chart summarizes the availability of the records.

Table 4: Site Operating Records

Site Operating Records	
Regulatory Permits and Records	No records available
Material Safety Data Sheets	No records available
Underground Utility Drawings	No records available
Chemical Inventory and Storage	No records available
Storage Tanks	No records available
Environmental Monitoring Data	Records available
Waste Management Records	No records available
Process, Production and Maintenance Documents	No records available
Spills and Discharges	No records available
Emergency Response and Contingency Plans	No records available
Environmental Audit Reports	Records available
Facility Site Plans	Records available

The records provided by the Client included previous reports, a Site plan, and architectural drawings for the proposed development, which have been incorporated into this report where appropriate.

4.8 Environmental Reports

A summary of the previous environmental reports completed for the Site is provided below:

Table 5: Summary of Previous Environmental Reports

Report Details	Summary
Title: Phase One Environmental Site Assessment, 526 Winona Road, Stoney Creek, Ontario **Date of Report:** November 15, 2019 **Author of the Report:** Landtek Limited Consulting Engineers **Completed for:** Mr. Richard Persi 34 West Avenue North (Hamilton) Incorporated	A summary of the findings and conclusions of the Phase One ESA pertinent to the Site are presented below: - Landtek completed the Phase One ESA for the property located at 526 Winona Road in Stoney Creek. Liuna Gardens Banquet Centre and Liuna Local 837 (Laborers' International Union of North America) occupied the building located on the central portion of the Site and one residential dwelling (530 Winona Road) was located on the northwestern portion of the Site at the time of the report. Several sheds were observed on-Site. - The topography of the Site slopes towards the north towards Lake Ontario and the inferred groundwater flow direction is to the north. - They Study Area consisted of primarily residential properties, with the exception of the municipal sewage pump building. - The Site was used for historically agricultural purposes and a residential building was constructed on the central portion of the Site circa 1910. The eastern portion of the current banquet hall was constructed in the early 1960's. The storage sheds/garage were constructed in 1980 and 1990. An addition was constructed to the east of the banquet hall in the early 1980's. The residential building located on the northwestern portion of the property was constructed in the early 1960's. The Site was used for residential purposes until the early 1960's when it was utilized for commercial purposes, with the exception of the residential building located at 530 Winona Road. - There was no evidence of chemical manufacturing/storage and/or underground storage tanks, vent and fill pipes, breather pipes or ground depressions. - Three PCA's were identified on-Site during the Site visit and included: • The presence of two 2,200 L ASTs containing gas and diesel and various containers of oil and lubricants were observed on the northeastern portion of the Site. • Based on the presence of the labours training yard, fill material of unknown quality could potentially be present on the northeaster portion of the Site. • Based on the presence of the parking lots, there is the potential presence of fill material to be present under the asphalt. - Based on historical information reviewed as part of the Phase One ESA, the Site was used for agricultural purposes between 1800 and the 1950's and therefore there is the potential for the historic application of pesticides across the Site. - No PCA's were identified within the Study Area. - The Phase One ESA identified the following three Areas of Potential Environmental Concern On-Site: • APEC 1- Two ASTs and the storage of various containers of oil and lubricants located on the northeastern portion of the Site. • APEC 2A- Based on the presence of the labours training yard, fill material of unknown quality could be present in the northeastern portion of the Site. • APEC 2B- Fill of unknown quality may have been imported to the Site during the construction of the parking located lot located on the eastern and southern portions of the Site.

Report Details	Summary
	• APEC 3- Based on the historic use of the Site for agricultural purposes, there is the potential for pesticide use. - Based on the findings of the Phase One ESA, a Phase Two ESA was recommended to investigate the identified APECs prior to the submission of a Record of Site Condition.
Title: Geotechnical Investigation, Proposed Residential Development, 526 Winona Road, Stoney Creek, Ontario **Date of Report:** November 29, 2019 **Author of the Report:** Landtek Limited **Completed for:** Mr. Riccardo Persi 34 West Avenue North (Hamilton) Incorporated	- The Geotechnical Investigation was completed to determine the subsurface conditions underlying the Site and to provide design and construction recommendations for the proposed residential development. - The Site is located in a predominantly residential area and Lake Ontario is located to the north. The proposed development includes two, twin tower structures with a 15 storey and 18 storey tower each and will be connected by a two-storey podium. Other structures include two four storey apartment complexes, four, three storey townhouse blocks, five two-storey residential townhomes, new deck and at grade access road and parking lot pavements. An approximately 30 m wide public park is proposed adjacent to the shoreline. It was assumed that the structures will include a maximum of one level of basement. - The fieldwork on-Site included installing fourteen (14) boreholes. The boreholes were completed using a Marl M5T track mounted drilling rig. The boreholes were advanced to depths ranging between 3.5 and 24.4 m below the existing ground level. - Boreholes B2, BH3, BH5, BH10, BH12D/BH12S (nested pair) and BH14 were completed at monitoring wells. - The geology at the Site consists of topsoil, asphalt and granular material at the ground level and underlying surface materials consisted of fill materials. The fill generally consisted of either sand and gravel or reworked native silts and clays with traces of organic materials, concrete, steel reinforcement bars and crushed stones and native clayey silt till. The native silty clay till extended to depths between approximately 22.9 m and 24.4 m below existing ground level. Red shale bedrock was encountered underlying the native clayey silt till. - The shallow stabilized groundwater levels at the Site were reported between approximately 9.3 m and 11.3 m below existing ground level. - Engineering considerations including foundations, settlements and earthquake considerations are summarized within the report. Construction considerations including excavations, subsurface concrete and dewatering are summarized within the report.
Title: Phase Two Environmental Site Assessment, 526 Winona Road, Stoney Creek, Ontario, L8E 5E9 **Date of Report:** December 3, 2019 **Author of the Report:** Landtek Limited **Completed for:** Mr. Richard Persi 34 West Avenue North (Hamilton) Incorporated	- The Phase Two ESA was completed in accordance with CSA Standard Z769-00 as well as O. Reg. 153/04, as amended. The Phase Two ESA was completed to support the preparation of a Record of Site Condition for the Site in accordance O. Reg. 153/04. - The Phase Two ESA was completed to investigate the APECs identified in the 2019 Landtek Phase One ESA. The contaminants of concern on-Site included petroleum hydrocarbons (PHCs) including benzene, toluene, ethylbenzene and xylenes (BTEX), metals and inorganics and pesticides. - The investigation was completed in conjunction with a geotechnical and hydrogeological assessment and therefore boreholes and monitoring wells were installed across the Site to collect soil samples and groundwater levels. - The scope of work included the drilling of fourteen (14) boreholes on Site and seven (7) boreholes were completed as monitoring wells. The boreholes were advanced using a track mounted CME 75 drill rig to final depths ranging between 3.6 and 24.3 m below ground surface (bgs). - The applicable Site Condition Standards used for the Site was Table 9 for use within 30 m of a waterbody in a non-potable ground water condition and residential/parkland/institutional/industrial/commercial/community property use. - The field work was completed on October 10, 28 and November 11, 2019.

Report Details	Summary
	- The main hydrogeological unit that was investigated on Site was the shallow groundwater table, present within the clayey silt till. The measured groundwater elevations ranged from 68.95 m above mean sea level (masl) to 76.49 masl and the inferred groundwater flow directions is to the north. Monitoring wells BH(MW)5, BH(MW10) and BH(MW14) were dry at the time of the investigation. - Surface materials generally consisted of topsoil, granular (sand and gravel) and asphalt with underlying granular base. The subsurface materials generally consisted of sand and gravel fill with some silt, clayey silt and silty clay extending to depths ranging between and 0.7 and 3 m bgs. Native clayey silt till was encountered beneath the fill or surface materials in all of the boreholes to borehole completion or presumed bedrock. The clayey silt till was typically moist, brown, with trace shale and gravel, becoming grey at depths ranging between 3.0 and 6.0 m bgs. - Selected soil samples were submitted for analysis of metals and inorganics PHCs, VOCS and pesticides. The following exceedances of the MECP Table 9 SCS were identified on-Site: • Soil sample BH(MW)2-1 (0 to 0.6 mbgs) exceeded the SCS for conductivity, cadmium, lead, molybdenum and zinc. • Soil sample BH(MW3)3-1 (0 to 0.6 mbgs) exceeded the SCS for conductivity, cadmium, lead and zinc. • Soil sample BH7-1 (0 to 0.6 mbgs) exceeded the SCS for mercury. • Soil sample BH11-1 (0 to 0.6 mbgs) exceeded the SCS for conductivity, cadmium, lead, molybdenum, zinc and chromium VI. • Soil sample MW(BH)12S-1 (0 to 0.6 mbgs) exceeded the SCS for cadmium, lead, molybdenum and zinc. • Soil sample BH13-1 (0 to 0.6 mbgs) exceeded the SCS for cadmium, lead, molybdenum, zinc and chromium VI. • Soil sample BH(MW)14-1 (0 to 0.6 mbgs) exceeded the SCS for cadmium and zinc. - One groundwater sample was collected from monitoring well MW(BH)2 and was submitted for analysis of metals and inorganics, PHCs and VOCs. The results were below the applicable SCS. - The impacted soil appears to be limited to the fill material located on the northeastern, southern and western portion of the Site. Based on the results of the Phase Two ESA, further work was recommended, including removal of the impacted fill prior to the submission of an RSC.
Title: Hydrogeological Investigation, Proposed Development, Liuna Gardens, 526 Winona Road, Stoney Creek, Ontario, L8E 5E9 **Date of Report:** May 28, 2020 **Author of the Report:** Landtek Limited **Completed for:** 34 West Avenue North (Hamilton) Incorporated	- Landtek Limited (Landtek) was retained to complete a Hydrogeological Investigation to evaluate the groundwater conditions of the Site including to delineate possible development/post development effects and suggest mitigation measures to minimize the effects to the shallow groundwater system during and post development. - The scope of work included a review of available background information, a visual inspection of the Site, subsurface investigation including the advancement of fifteen (15) boreholes and six (6) monitoring wells, the completion of water balance scenarios, hydraulic conductivity tests in all monitoring wells and a groundwater level monitoring program was completed to assess the depth of the groundwater across the Site. - Clayey silt and/or silty clay was encountered across the Site and bedrock was encountered at approximately 24.0 meters belowground surface (mbgs). - Manual groundwater data was completed between November 2019 to May 2020. Most of the groundwater level readings appear to be inaccurate due to suspected surface water flow into the monitoring wells and there fore consistent vertical hydraulic gradient could not be determined. The highest groundwater level was 0.5 mbgs by applying a

Report Details	Summary
	factor of safety of 0.5 to groundwater level of 1.0 mbgs recorded at MW14 on November 18, 2019. - The vertical hydraulic gradient from the groundwater monitoring reading was determined to be downwards (a recharge condition). The shallow groundwater flow direction within the overburden materials for the Site is inferred to be north towards Lake Ontario. - The geometric mean of three hydraulic conductivity values determined from slug tests at the Site is 4.738 x10^{-9} m/s. Hydraulic conductivity tests could not be completed at MW3, MW5 and MW10 because there was not enough water in the monitoring wells and MW3 could not be located. - Grainsize analysis completed on representative soil samples from MW3, MW5 and MW10 determined the soil type to be clayey silt. Based on published data, the typical hydraulic conductivity values for clayey silt till vary from 1 x 10^{-6} m/s to 1 x 10^{-12} m/s. - It was determined that the excavation dewatering rates will be approximately 2,227 L/day for a 50 m long storm/sanitary sewer trench and 80 to 3,301 L/day for the 1-level underground basement excavation. - The short-term excavation dewatering rates were determined to be approximately 2,227 L/day for a 50 m long storm/sanitary sewer trench and 808 to 3,301 L/day for the 1-level underground basement excavation. - The long-term excavation dewatering rates for the basement construction was determined to be approximately 32,104 L/day. - An EASR or Permit to Take Water is not required for the proposed excavation as the estimated maximum dewatering rate at the Site is less than 50,000 L/day. - Site design should incorporate appropriate measures to ensure maintenance of overall groundwater recharge rates. Any sandy zones, if encountered, should not be truncated by backfilling of the trench using lower permeability soils. - Potential geotechnical impacts are limited to the radius of influence of approximately 13.0 m beyond the Site. A radius of influence of 13.0 m (estimated maximum radius of influence plus equivalent radius) was estimated for this project. As a result, area with a radius of 13.0 m should be monitored by geotechnical instrumentation to determine impact, if any. - There appears to be no hydraulic connection between Lake Ontario and the Site. As a result, impact to Lake Ontario is not anticipated during construction at the Site.
Title: Memorandum: Remedial Action Plan- Proposed Redevelopment, 526 Winona Road in Stoney Creek, Ontario (the Site) **Date of Report:** February 5, 2021 **Author of the Report:** Landtek Limited **Completed for:** Mr. Andrew Salomon 34 West Avenue North (Hamilton) Incorporated	- A memo regarding a Remedial Action Plan (RAP) was prepared by Landtek Limited following environmental investigations that were completed in 2019 and 2020. The previous investigations identified impacted fill material on the northeastern portion of the Site to a depth of 3.0 m below ground surface (bgs) and in the parking lot areas on Site up to a depth of 1.0 m bgs. - The approximate total area of impacted soil on the northeastern portion of the Site is 8,500 m² and an estimated total volume of 25,000 m³ (assuming a density of 2.0 tonnes/m³).
Title: Designated Substances Survey, 526 Winona Road, Stoney Creek, Ontario	- G2S Consulting Inc. was retained to complete a Designated Substances Survey (DSS) for the buildings located at 526 Winona Road in Stoney Creek.

Report Details	Summary
Date of Report: September 8, 2020 (updated March 24, 2021) **Author of the Report:** G2S Consulting Inc. **Completed for:** 34 West Avenue North (Hamilton) Inc. c/o Hi-Rise Development Advisors	- The Site was occupied by a two-storey banquet hall and training facility building with a basement and crawl space under the western extent of the building. Two auxiliary buildings are located on the northern extent of the Site and a small storage building is located to the south of the banquet hall. The western extent of the two-storey building is occupied by Liuna Gardens, a banquet facility. The eastern portion of the building is occupied by LiUNA Local 837 E.H. Manciellli Training Centre. The addition to the eastern portion of the building (training centre) was constructed between 1987 and 1988. The building has an approximate footprint of 2,905 m². - The purpose of the DSS was to identify the location, type and condition of any designated substances and hazardous materials for compliance with applicable regulations prior to the planned demolition of the buildings. - The significant findings are summarized below: • Non-friable asbestos containing vinyl floor tiles have been identified at the Site. • Non-friable asbestos containing black mastic has been identified at the Site. The black mastic is associated with the 12”x12” white vinyl floor tile with black/grey streaks that is located on the second floor of the banquet hall. • Yellow paint located on the exterior gas lines located on the roof was found to have a lead concentration above 90 ppm and therefore is considered to be lead-based. • Approximately three-hundred and forty (340) fluorescent light bulbs that may contain mercury vapour are present, located throughout the buildings. Light tubes must be removed intact for disposal as “Common Mercury waste” to a “Common Mercury Waste Recovery Facility” as defined in Section 1 of O. Reg. 347. • Measures should be put in place to minimize dust during demolition of potential silica containing materials. • Approximately one hundred and seventy (170) fluorescent light ballasts were observed throughout the buildings. Ballasts found to be PCB containing during removal must be handled and disposed of in accordance with O. Reg. 362 “Waste Management – PCB’s”. Ballasts identified as PCB containing must be stored in leak-free drums or containers prior to transport to a disposal facility. • Evidence of water damage and potential mould was observed several locations at the time of our survey. • Mechanical equipment to be disposed of must have ODS removed by a certified contractor in accordance with O.Reg. 463/10.
Title: Designated Substances Survey, 522 Winona Road, Stoney Creek, Ontario **Date of Report:** April 1, 2021 **Author of the Report:** G2S Consulting Inc. **Completed for:**	- G2S Consulting Inc. (G2S) was retained by 34 West Avenue North (Hamilton) Inc. c/o Hi-Rise Development Advisors to complete a Designated Substances Survey (DSS) for the building located at 522 Winona Road in Stoney Creek, Ontario, hereinafter referred to as the ‘Site’. - The Site was occupied by a vacant two-storey residential building, with a basement. The construction date of the building is unknown, and the eastern extent of the ground floor appears to be an addition. The building has an approximate footprint of 100 m². - The purpose of this DSS is to identify the location, type and condition of any designated substances and hazardous materials for compliance with applicable regulations prior to the planned demolition of the building. - The significant findings and recommendations are summarized below:

Report Details	Summary
34 West Avenue North (Hamilton) Inc. c/o Hi-Rise Development Advisors	• Non friable red tile patterned vinyl sheet flooring containing 20% chrysotile was observed in the Kitchen, located on the ground floor. • Non-friable asbestos containing exterior transite siding containing 40% Chrysotile asbestos has been identified at the Site and was observed on the south exterior wall of the building. • Non-friable asbestos containing exterior tar paper containing 0.5% Chrysotile asbestos has been identified at the Site. G2S observed the tar paper on the exterior walls of the house. The tar paper is assumed to be located on all exterior walls, below the siding. • The following paint samples were found to have a lead concentration above 90 ppm and therefore is considered to be lead-containing: ▪ Yellow wall paint in the kitchen ▪ Baby blue wall paint in the washroom ▪ White window trim paint ▪ Purple wall paint in Room 1 on the Second Floor ▪ Exterior wall paint ▪ Grey wall paint in the stairway • Evidence of water damage and mould was observed throughout the building walls and ceilings. Disturbance of mould (if encountered) should be managed in accordance with CCA 82, “Mould Guidelines for the Canadian Construction Industry”. • Measures should be put in place to minimize dust during demolition of potential silica containing materials.

PCAs identified from the previous reports are included in Section 7, Table 8 of this report.

5. INTERVIEWS

5.1 Site Personnel

An interview regarding the Site was conducted with a Site Representative from LiUNA Local 837 and a Site Representative from Liuna Gardens Banquet Hall on August 11, 2020.

5.2 Third Party Individuals

Third party individuals were not available for interview at the time of this Phase One ESA Update.

5.3 Government Officials

The following government officials were contacted as part of this Phase One ESA Update:

1. Ministry of the Environment, Conservation, and Parks (MECP), Freedom of Information and Protection of Privacy Office;

2. Technical Standards and Safety Authority.

6. SITE RECONNAISSANCE

Observations of the Site, adjacent and surrounding properties were conducted by walking over the Site. Adjacent and surrounding properties were observed from within the Site or by other public means. Refer to Drawing 3 (Site Plan) in Appendix A. Photographs of the Site and the Study Area are included in Appendix D.

Table 6: Site Reconnaissance

Date	August 11, 2020 June 3, 2021
Time	9:00 am
Weather	Sunny, approximately 20º C
Person who conducted the Site visit	Stephanie Lewis, B.A.
Site Personnel accompanying G2S during Site visit	Staff member of Liuna Gardens Banquet Hall and a staff member of LiUNA Local 837.
Qualified Person supervising the Site visit	Jacky So, P.Eng.
Facility Operating: Yes/No	Yes
General Observations:	
The irregular shaped Site was developed with a two-storey banquet hall (Liuna Gardens Banquet Centre) with a basement and crawlspace and attached two-storey Liuna Local 837 E.H. Mancielli Training Centre and offices. The building is approximately 2,905 m^2 in plan area. The banquet hall consists of two large banquet rooms, a bar and lounge, washrooms, two kitchens, walk-in freezer and refrigerators, staff office, water service room, lobby, storage rooms and an office. The second floor consists of a management suite, reading room, bridal suite, balcony, washrooms, three instructional office areas and roof access. The basement consists of a crawl space, culinary storage room, electrical room and various storage rooms. The western portion of the building (training centre) includes two equipment bays, a lunchroom, office, lobby, elevator, storage rooms and washrooms and classroom on the ground floor. The second floor consists of four offices, a washroom and three classrooms. A patio and garden area are located to the north of the banquet hall. Parking lots are located to the southeast, east and west/northwest of the building. Several auxiliary storage buildings are located on the northeastern extent of the Site. The storage buildings are used to store tools, a sky jack and miscellaneous construction equipment. Equipment and construction materials are stored to the northeast of the storage buildings. A small storage building is located on the southern portion of the Site and has an approximate building footprint of 140 m². The concrete structure is currently used to store a car and miscellaneous items from the banquet hall and training centre. Five seacans are located to the south of the building. A single storey residential dwelling (530 Winona Road) is located on the western portion of the Site and is surrounded by a grassed yard, driveway and asphalt sports court located to the northeast of the building. The dwelling has an approximate building footprint of 120 m². A two-storey vacant residential dwelling (522 Winona Road) with a basement is located on the southwestern portion of the Site. Grassed areas surround the residential dwelling with a gravel driveway located to the northwest of the house, connecting to Winona Road. The ground floor consists	

of a front room, living and dining room, kitchen and bathroom. The second floor consists of four bedrooms. The basement is unfinished. The eastern extent of the ground floor appears to be an addition. The building has an approximate footprint of 100 m².	
Interior Observations	
Item	Observations
Building Observations	Vinyl floor tile, carpet, vinyl sheet flooring and ceramic tile, drywall, plaster, texture coat and suspended ceiling tiles. Concrete floors, metal cladding and drywall were observed in the storage building located on the northeastern extent of the Site. The storage building located to the southeast of the banquet hall and training centre was constructed of entirely concrete. Fluorescent lighting is located throughout.
Heating and Cooling Systems	Natural gas fired heating/cooling.
Interior Observations	
Item	Observations
Drains, Pits and Sumps	Two sump pits are located in the basement.
Mechanical Equipment	One elevator was located in the western portion of the training centre. The servicing/elevator pit was not accessible.
Stained Materials	No areas of staining were observed.
Noise, Odours, Vibrations	None observed
Storage Tanks and Containers	No storage tanks were observed. Small amounts of general cleaning products are kept in small storage rooms, located in the banquet hall and training centre.
Unidentified Substances	None observed
Hazardous Materials and Special Attention Items:	Designated Substances Surveys (DSSs) were completed in September 2020/March 2021 and April 2021 and are summarized in Section 4.8, Table 5 of this report. In this regard, the following is provided for information purposes only and does not constitute a DSS.
(i) Polychlorinated Biphenyls	Polychlorinated Biphenyls (PCBs) were widely used for cooling and lubricating electrical equipment from the 1930s to the 1970s. The use of PCBs was prohibited in the late 1970s. Due to the age of the building, there is the potential for PCBs to be present in building materials is low. Potential PCB-containing materials observed on-Site include fluorescent light ballasts.
(ii) Asbestos Containing Materials	Asbestos is a generic term referring to a group of naturally occurring fibrous mineral silicates. Asbestos was used in many products due to its strength and resistance characteristics. Common uses include boiler and pipe insulation, spray-on fireproofing, floor and ceiling tiles, asbestos-cement products, etc. Legislation banned the use of asbestos-containing materials (ACMs) in the mid to late 1980s.

	Due to the age of the building, there is the potential for ACMs to be present in the building.
(iii) Lead	Lead is a heavy metal typically found in pipes, batteries, lead solder, cabling, insecticides, paints, glass and as an additive to gasoline. In 1976, the federal government limited the amount of lead for interior paints to 0.5% by weight or 5,000 ppm. The Surface Coating Materials Regulation (SOR/2005-109) dated April 19, 2005, as amended, pursuant to the 2005 Hazardous Products Act, revised the standard to limit the amount of lead in certain paints to 0.06% (600 ppm). In October 2010, this was revised to 0.009 % (90 ppm). Due to the age of the building, there is potential for lead-based paint to be present on-Site.
(iv) Mercury	Mercury is typically found in a variety of building materials including paints, thermostats, and mercury-vapour lamps. Potential mercury-containing equipment may be located onsite.
v) Ozone Depleting Substances	Ozone-Depleting Substances (ODSs) include any substances containing chlorofluorocarbon ("CFCs"), hydro chlorofluorocarbon ("HCFCs"), halon or any other material capable of destroying ozone in the atmosphere. Federal regulations eliminated the production and import of CFCs by January 1, 1996 and put a freeze on the production and import of HCFC-22 by January 1, 1996. The regulation also requires the complete replacement of HCFC-22 equipment by the year 2020. Potential ODS-containing equipment may be located on-Site including refrigerators, walk-in freezers and refrigerators and air conditioning units.
(vi) Urea Formaldehyde Foam Insulation	Urea Formaldehyde Insulation (UFFI) was used as an insulation material for existing buildings (commonly houses) from the mid-1970s until its ban in Canada in 1980. UFFI was not observed on-Site
Site Limitations	G2S did not have access to the interior of the residential dwelling located at 530 Winona Road.
Exterior Observations	
Item	Observations
Structure Exteriors	522 Winona Road: Exterior finishes include wood and transite siding. The roofing materials include shingles over the wood roof. 526 Winona Road: Texture coat and concrete block 530 Winona Road: Wood siding and concrete
Hazardous Materials	None observed
Storage Tanks and Containers	None observed on-Site. Two ASTs were located on the north adjacent property (historically part of the Site).
Unidentified Substances	None observed
Wells	Monitoring wells installed by Landtek in 2019 were observed on-Site.
Potable Water Supply	Municipal Water Supply (City of Hamilton)
Sewage Disposal	Municipal sewer

Pits and Lagoons	None observed
Stained Materials	None observed
Stressed Vegetation	None observed
Ground Surface	The ground surface of the Site generally consisted of asphalt parking lots to the west and south of the banquet hall and to the east and northeast of the training centre portion of the building. Concrete was observed to the east of the storage building located on the northeastern portion of the Site. The outdoor material storage area consisted of gravel/fill. Grassed yards surrounded the residential buildings, with the exception of the gravel and asphalt driveways. An asphalt sports court is located to the northeast of the residential dwelling located on the northwestern portion of the Site (530 Winona Road).
Fill Materials	The ground surface in the outdoor storage yard located on northeastern portion of the Site appeared to consist of gravel, crushed rock fill. Other obvious signs of fill material such as berms and/or stockpiles were not observed.
Watercourses, Ditches and/or Standing Water	None observed on-Site.
Roads, Parking Facilities and Rights of Way	Access to the Site is via Winona Road and East Street.
Noises, Odours, Vibrations	None observed
Waste Disposal	General waste is collected in the bin located to the south of the banquet hall and training centre building. The waste pick up is serviced by the Waste Connections Canada and Progressive Waste Solutions.
Storage	The storage buildings located on the northeastern portion of the Site are used to store tools, miscellaneous construction equipment and machinery. The concrete storage building located to the south of the banquet hall is used to store a car, refrigerator, boxes and miscellaneous items for the banquet hall and training centre. The outdoor storage yard located on the northeast corner of the Site is used for storing construction materials and equipment for training purposes.
Adjacent Land Uses	
North	Panelized portion of Site, previously part of storage yard, Lake Ontario
South	Residential City of Hamilton Sewage Pumping Building, vent and fill pipes associated with an AST were observed on the north wall of the building.
East	East Street followed by residential properties
West	Winona Road followed by residential properties
Current or Former Railway Lines or Spurs	None observed on Site or within Study Area

7. REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

Based on the information gathered from the Site visit, the 2019 Phase One ESA, records review and interviews, the following is a summary of the current and past uses of the Site:

Table 7: Summary of Current and Past Site Uses

Approx. Year	Name of Owner/Occupant	Description of Property Use	Other Observations
522 Winona Road			
2021	Fengate Liuna Gardens Nominee Inc.	Residential (vacant)	*-Site visit*
1987- 2021	Private Individuals	Residential	*-directories, Site visit, land registry document*
1986	Private Individuals	Under construction	*-directories*
1981	Private Individuals	Vacant	*-directories*
1976- 1981	Private Individuals	Residential	*-directories*
1965	Private Individuals	Residential	*-aerial photographs*
1935	Private Individuals	Agricultural	*-aerial photographs*
526 Winona Road			
1985- Present	34 West Avenue North (Hamilton) Incorporated	Commercial	*-chain of title, previous reports*
1982- 1985	Mario's Inferno Ltd.	Commercial	*-chain of title, previous reports, Site Reports, aerial photographs, COPE Report*
1967- 1982	Mario & Lucia Giangregorio	Commercial	*-chain of title, previous reports, Site Reports, aerial photographs, COPE Report*

Approx. Year	Name of Owner/Occupant	Description of Property Use	Other Observations
1955- 1967	J.W. Lloyd Smith	Commercial	*-chain of title, previous reports, Site Reports, aerial photographs, COPE Report*
1928- 1955	Joseph J. Smith	Residential	*-information from Chain of Title, previous report, aerial photograph*
1906- 1928	Abram Hand	Residential	*-information from Chain of Title, previous report, County Atlas 1875*
1872- 1906	John Bramer	Vacant/undeveloped of agricultural land	*-chain of title and County Atlas 1875*
1871- 1872	Frederick Guggisberg	Vacant/undeveloped of agricultural land	*-chain of title*
1847- 1871	Hon. John W. Wilson	Vacant/undeveloped of agricultural land	*-chain of title*
1805- 1847	John Wilson	Vacant/undeveloped of agricultural land	*-chain of title*
1802- 1805	John Pettit	Vacant/undeveloped of agricultural land	*-chain of title*
1802	Crown	Vacant/undeveloped of agricultural land	*-chain of title*
530 Winona Road			
1965- Present	Private Individuals	Residential	*-city directories, aerial photographs*

7.2 Potentially Contaminating Activities

Based on the 2019 Phase One ESA and our current Phase One ESA Update, the following Potentially Contaminating Activities (PCAs) were identified for the Site and/or Study Area. Refer to Drawing 4 in Appendix A.

Table 8: Potentially Contaminating Activities

Address Direction and Distance from Site	Potentially Contaminating Activity Refer to Table 2, Schedule D O.Reg. 153/04	Description	Date(s)	Results in an APEC (yes/no)
526 & 530 Winona Road (Site)	**PCA #30 – Importation of Fill Material of Unknown Quality**	Potential presence of imported fill across the Site	N/A	Yes
	PCA #40 – Pesticides (including Herbicides, Fungicides and Antifouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Historic use of the Site for agricultural purposes.	1802-1950's	Yes
	Other PCA	Known metal exceedances in soil.	2019	Yes
North Adjacent Property (Off-Site)	**PCA #30 – Gasoline and Associated Products Storage in Fixed Tanks**	Presence of two ASTs to the west of the concrete storage building and various containers of oil and lubricants located on northeastern portion of the property.	~2015-Present	No, down-gradient with respect to inferred groundwater flow direction. No visible staining and tanks were observed in good condition during 2020/2021 Site visits.

Address Direction and Distance from Site	Potentially Contaminating Activity Refer to Table 2, Schedule D O.Reg. 153/04	Description	Date(s)	Results in an APEC (yes/no)
524 Winona Road (South adjacent, off-Site)	**PCA #30 – Gasoline and Associated Products Storage in Fixed Tanks**	Vent and fill pipes associated with an AST were observed on the north wall of the City of Hamilton Sewage pump building.	Present	No, AST located on a concrete floor located inside a small, well-maintained City of Hamilton pump building.

Notes: APEC – Area of Potential Environmental Concern
AST– Aboveground Storage Tank

7.3 Areas of Potential Environmental Concern

Based on review and evaluation of the PCAs, the following APECs were identified for the Site. Refer to Drawing 5 in Appendix A.

Table 9: Areas of Potential Environmental Concern

APEC No.	Description of APEC	Location of APEC on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
1	Potential presence of fill material of unknown quality. Known metal impacts in soil.	Entire Site	PCA #30 – Importation of Fill Material of Unknown Quality	On-Site	PHCs, VOCs, Metals, PAHs	Soil
2	Historic use of the Site for agricultural purposes.	Entire Site	PCA #40 – Pesticides (including Herbicides, Fungicides and Antifouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	Metals, Pesticides	Soil

Notes: PHCs - Petroleum Hydrocarbons PAHs - Polycyclic Aromatic Hydrocarbons VOCs - Volatile Organic Compounds
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes

8. CONCLUSIONS AND RECOMMENDATIONS

The purpose of this Phase One ESA Update was to determine the likelihood that one or more contaminants have affected the Phase One ESA property from present or past Site activities or from surrounding properties. This Phase One ESA was completed in accordance with the general requirements of CSA Standard Z768-01 (R2016), which outlines the protocol for Phase One ESAs. It is an update to a Phase One ESA completed by others in 2019 and incorporates the concept of Potentially Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs) identified by the Ministry of the Environment, Conservation and Parks (MECP) as outlined in Schedule D (O. Reg. 153/04).

The irregular shaped Site is located on the east side of Winona Road, approximately 34 m south of Lake Ontario East and directly west of East Street and covers an approximate plan area of 3.49 ha (8.63 ac.). The Study Area generally consists of residential land use. Site location is illustrated on Drawing 1 in Appendix A.

Based on information collected from the Site visit and records review, the Site was first utilized for agricultural purposes and developed with a residential building in the central portion of the Site in approximately 1910. The commercial building (banquet hall) located on-Site was developed in the early 1960's and an addition (training centre) was constructed on the eastern portion of the building in the early 1980's. The use of these buildings has been for commercial purposes since. The residential building (530 Winona Road) located on the northwest portion of the Site was constructed in the early 1960's and remains residential. The residential building (522 Winona Road) located on the southwestern portion of the Site appears to have been constructed around 1965 and has been used for residential purposed until recently when the house became vacant.

The Phase One ESA Update identified two off-Site and two on-Site Potentially Contaminating Activities (PCAs) which were assessed based on observations of the operations, their tenure, expected chemical storage amounts and groundwater flow direction. Based on review and evaluation of the information gathered, the following Areas of Potential Environmental Concern (APECs) has been identified on-Site:

APEC 1: Potential presence of fill material of unknown quality across the Site and known metal impacts in soil.

APEC 2: Historic use of the Site for agricultural purposes from 1802 to the 1950's and the potential use of pesticides.

Based on the findings of this Phase One ESA Update, a Phase Two ESA is recommended to investigate the potential for contamination related to the above-noted APEC.

It should be noted that if a Record of Site Condition (RSC) is required for the property under O. Reg. 153/04, further investigation may be required.

9. QUALIFICATIONS OF THE ASSESSOR

This Phase One ESA Update was conducted by Ms. Stephanie Lewis, B.A. Ms. Lewis are responsible for the completion of Phase One field work and reporting. Ms. Lewis has over 9 years of consulting experience and has completed numerous projects on behalf of private and public sector clients for industrial, commercial, and residential sites.

This Phase One ESA Update was reviewed by Jacky So, P.Eng. Jacky So is a Senior Engineer for G2S Environmental. Mr. So obtained his Bachelor of Applied Science degree in Environmental Engineering in 2002 from the University of Waterloo in Waterloo, Ontario and received his license with the Professional Engineers Ontario in 2007. Mr. So has over 18 years of professional consulting experience in environmental site assessments and remediation. Mr. So has acted as project manager on several large scale remediation projects in the Greater Toronto Area. His main responsibilities as project manager included contract administrations, cost and timeline control, coordination of interdisciplinary project teams, communication with the clients, attending technical and public meetings, providing technical advice to the project team, conducting technical evaluations and studies. Mr. So is a Qualified Person as defined in Ontario Regulation 153/04 for signing off on Phase One and Two ESAs, remediation reports and filing of Records of Site Condition (RSCs).

10. REFERENCES AND SUPPORTING DOCUMENTATION

a) Canadian Standards Association, *Z768-0,* Re-affirmed 2016. Phase One Environmental Site Assessment.

b) Occupational Health and Safety Act - Ministry of Labour (MOL).

c) Inventory of Coal Gasification Plant Waste Sites in Ontario. Ontario Ministry if the Environment, April 1987.

d) Waste Disposal Site Inventory. Waste Management Branch Ontario Ministry of the Environment, June 1991.

e) Hazardous Waste Information Network (HWIN, 1986 – 2005), www.hwin.ca.

f) Ministry of the Environment, Brownfields Environmental Site Registry, www.ene.gov.on.ca/environet/BESR/index.

g) National Pollutant Release Inventory, www.ec.gc.ca.

h) Ontario's Environmental Registry, www.ebr.gov.on.ca.

i) *"Phase One Environmental Site Assessment, 526 Winona Road, Stoney Creek, Ontario",* prepared by Landtek Limited, dated November 15, 2019.

j) *"Geotechnical Investigation, Proposed Residential Development, 526 Winona Road, Stoney Creek, Ontario",* prepared by Landtek Limited, dated November 29, 2019.

k) *"Phase Two Environmental Site Assessment, 526 Winona Road, Stoney Creek, Ontario",* prepared by Landtek Limited dated December 3, 2019.

l) *"Hydrogeological Investigation, Proposed Development, Liuna Gardens - 526 Winona Road, Stoney Creek, ON, L8E 5E9"*, prepared by Landtek Limited, dated May 28, 2020.

m) *"Memorandum- Remedial Action Plan- Proposed Redevelopment, 526 Winona Road in Stoney Creek, Ontario (the Site)",* prepared by Landtek Limited, dated February 5, 2021.

n) *"Designated Substances Survey, 526 Winona Road, Stoney Creek, Ontario",* prepared by G2S Consulting Inc., dated September 8, 2020 (updated March 24, 2021).

o) *"Designated Substances Survey, 522 Winona Road, Stoney Creek, Ontario",* prepared by G2S Consulting Inc., dated April 1, 2021.

11. LIMITATIONS

This Phase One Environmental Site Assessment (ESA) Update has been prepared for the sole benefit of The Hi-Rise Group and Fengate Liuna Gardens Holdings LP and is intended to provide a Phase One ESA for the subject Site. The Phase One ESA Update may not be relied upon by any other person or entity without the expressed written consent of the The Hi-Rise Group, Fengate Liuna Gardens Holdings LP and G2S Consulting Inc. (G2S). Any use which a third party makes of this Phase One ESA, or any reliance on decisions made based on it, is the responsibility of such third parties. G2S accepts no responsibility for any loss, damage, expenses, or penalties suffered by any third parties that may arise or result from the use of any information or recommendations contained in this report.

The report is based solely on the scope of services which are specifically referred to in this report. No physical or intrusive testing has been performed, except as specifically referenced in this report. This report is not a certification of compliance with past or present regulations, codes, guidelines and policies.

The findings in this Phase One ESA Update are limited to the conditions at the Site at the time of this investigation (September 2020, April/June 2021), and supplemented by a historical review and data obtained by G2S as described herein as well as information provided by the Site representative as reported herein. Conclusions presented in this Phase One ESA Update should not be construed as legal advice.

If Site conditions, regulations, codes, guidelines and applicable standards change or if any additional information becomes available at a future date, changes to the findings, conclusions and recommendations in this Phase One ESA Update may be necessary.

This assessment does not wholly eliminate uncertainty regarding the potential for existing or future costs, hazards or losses in connection with the subject property and must be viewed as a mechanism to reduce risk rather than eliminate the risk of contamination concerns.

At the time of this report, the Covid-19 pandemic restrictions may have limited G2S's access to historical records for review purposes. Due to these limitations, G2S may be required to provide addendums to the report.

12. CLOSING REMARKS

We trust this Phase One ESA Update is satisfactory for your purposes. Should you have any questions, please do not hesitate to contact this office.

Yours truly,

G2S Consulting Inc.

Stephanie Lewis, B.A.
Project Manager

Jacky So, P.Eng.
Senior Engineer

Enclosures:
Appendix A: Drawings
Appendix B: Property Ownership
Appendix C: Environmental Source Information
Appendix D: Site Photos

Appendix A:
Drawings

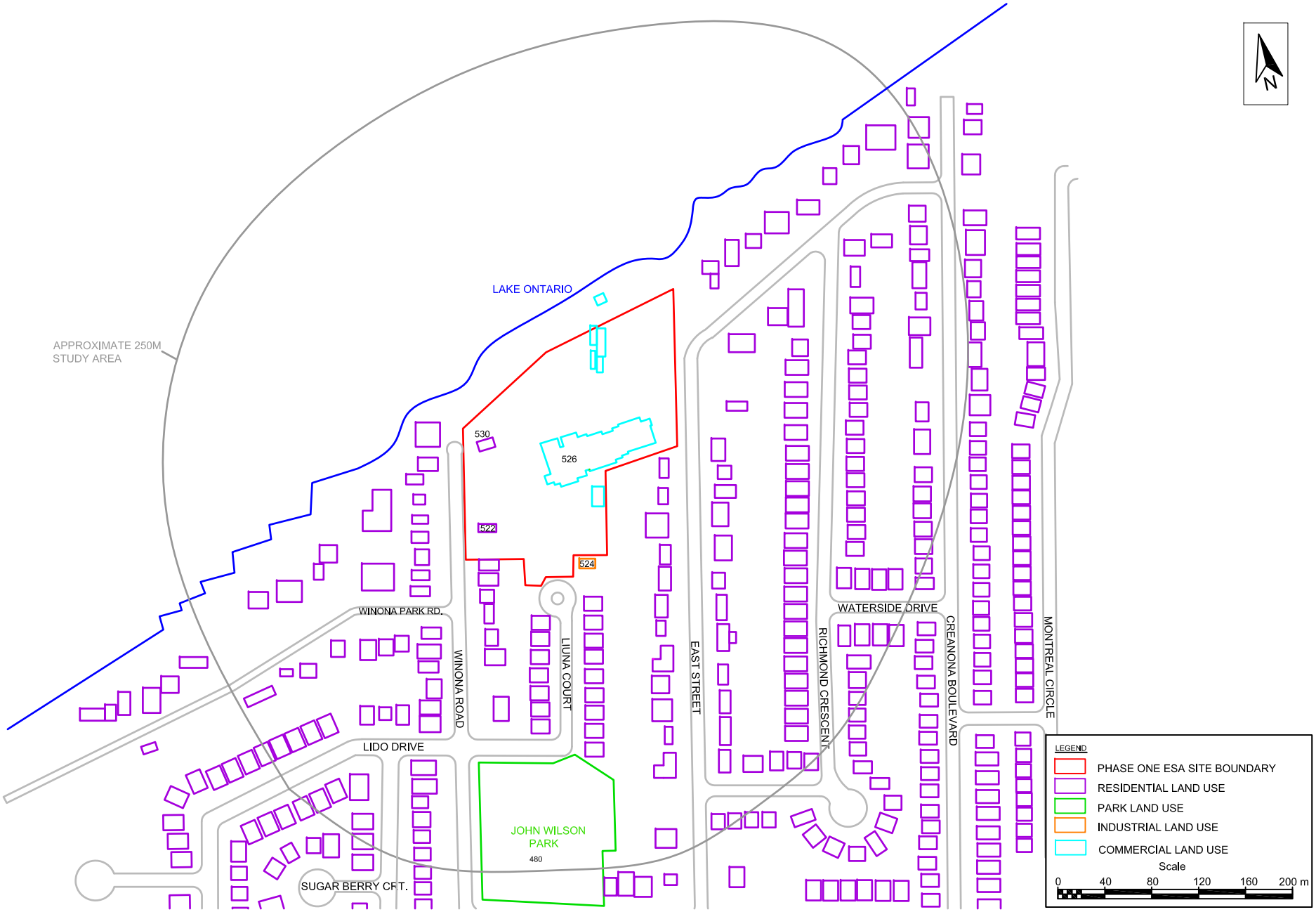
Scale:	N.T.S.
Project No.:	G2S21194
Date:	JUNE 2021
Drawn by:	SL/JS
File name:	WINONARD.dwg

SITE LOCATION PLAN
522, 526 & 530 WINONA ROAD

STONEY CREEK ONTARIO

Drawing No.

1



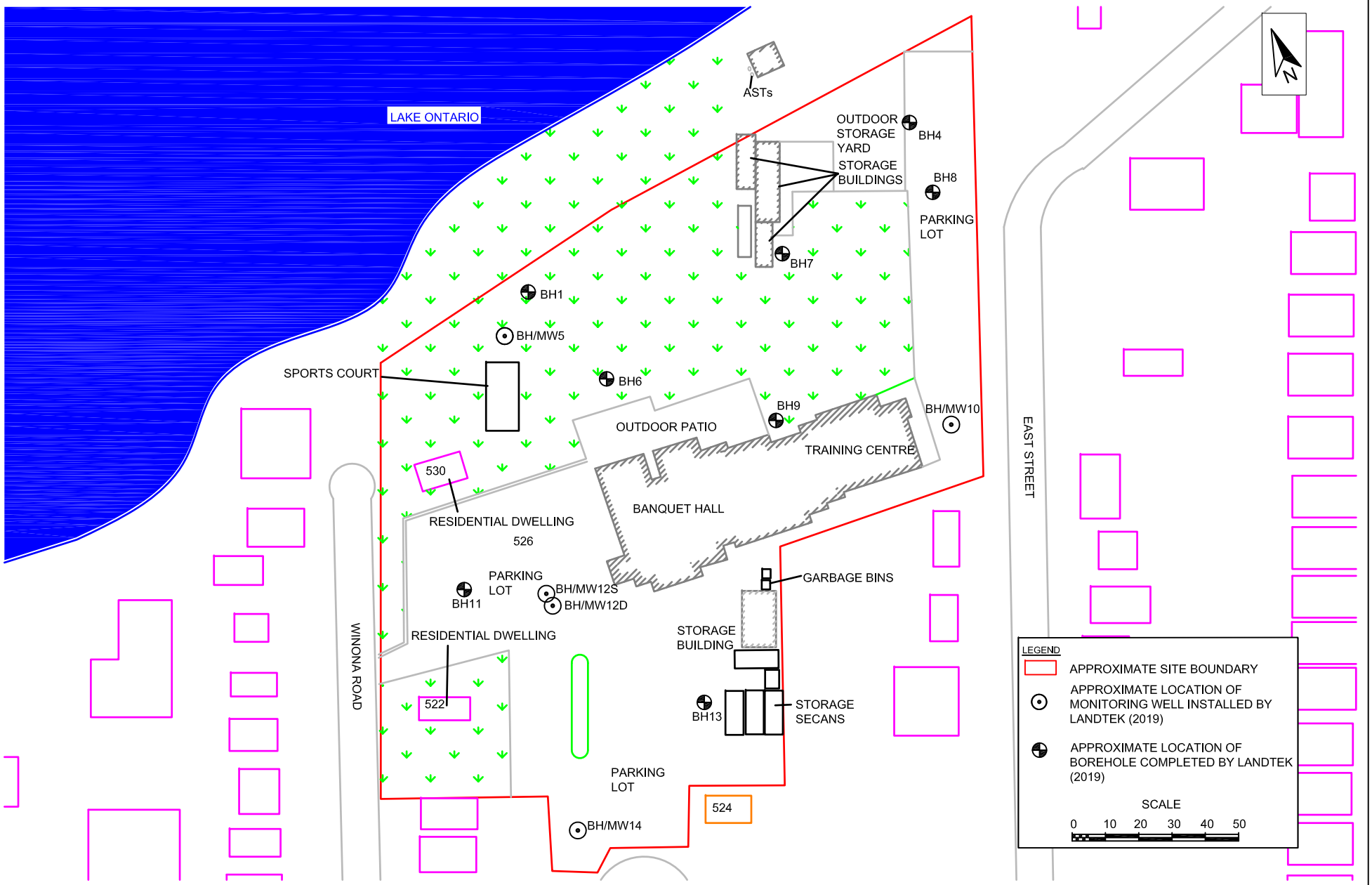
Scale:	AS SHOWN
Project No.:	G2S21194
Date:	JUNE 2021
Drawn by:	SL/JS
File name:	WINONARD.dwg

PHASE ONE ESA STUDY AREA
522, 526 & 530 WINONA ROAD

STONEY CREEK ONTARIO

Drawing No.

2

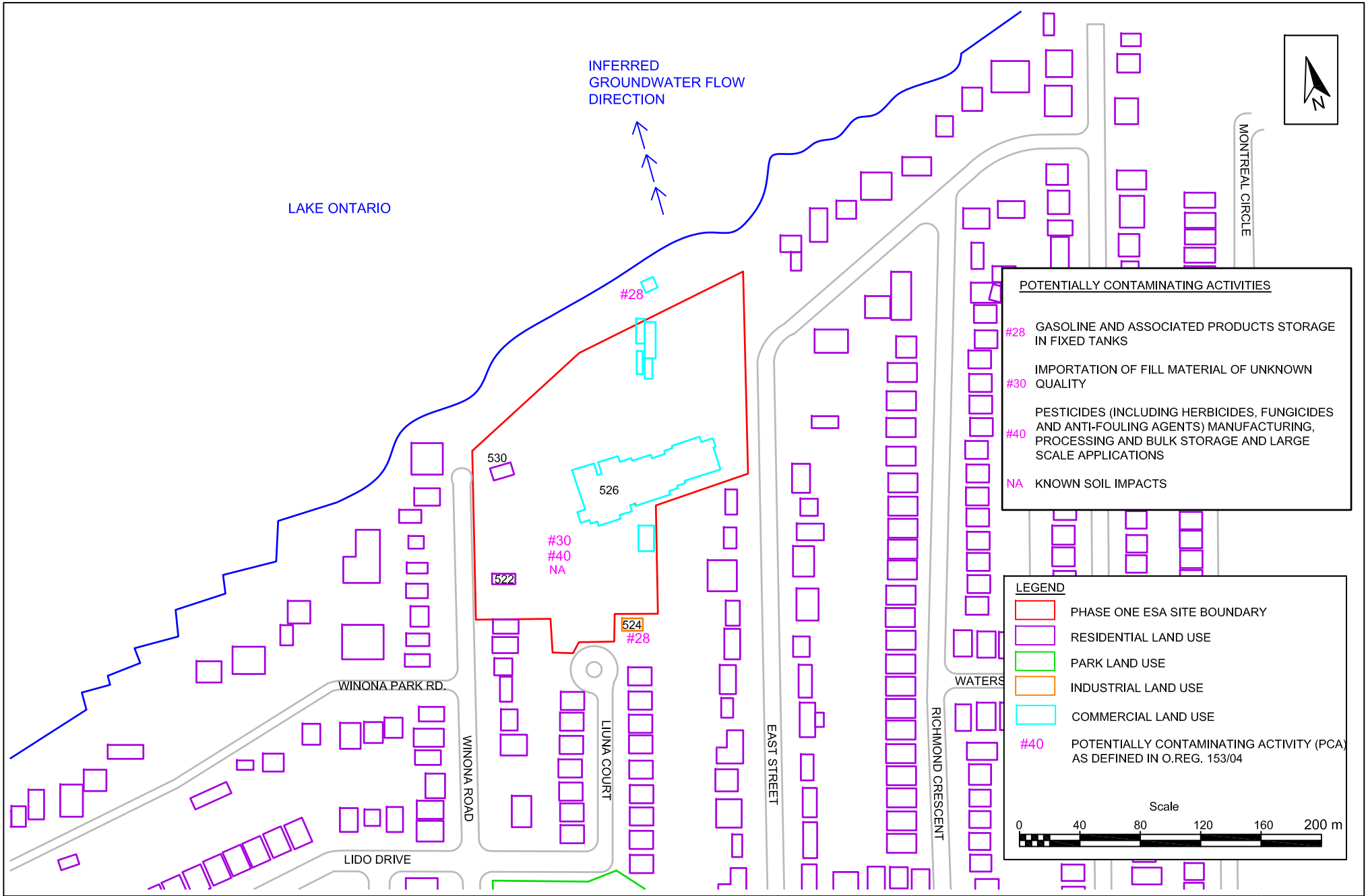


Scale:	AS SHOWN
Project No.:	G2S21194
Date:	JUNE 2021
Drawn by:	SL/JS
File name:	WINONARD.dwg

SITE PLAN
522, 526 & 530 WINONA ROAD

STONEY CREEK ONTARIO

Drawing No. 3

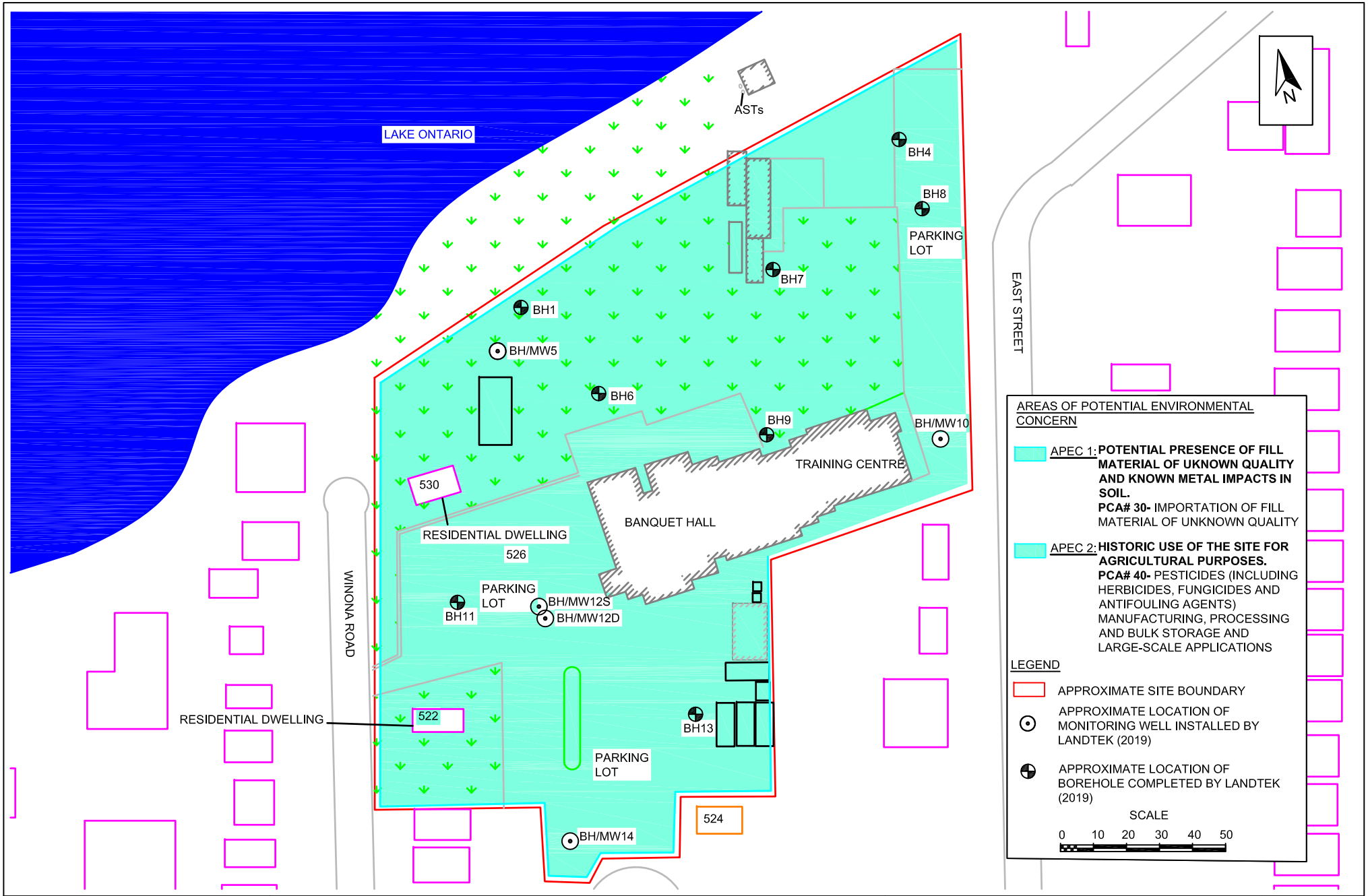


Scale:	AS SHOWN
Project No.:	G2S21194
Date:	JUNE 2021
Drawn by:	SL/JS
File name:	WINONARD.dwg

POTENTIALLY CONTAMINATING ACTIVITIES
522, 526 & 530 WINONA ROAD

STONEY CREEK ONTARIO

Drawing No. 4



Scale:	AS SHOWN
Project No.:	G2S21194
Date:	JUNE 2021
Drawn by:	SL/JS
File name:	WINONARD.dwg

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN
522, 526 & 530 WINONA ROAD

STONEY CREEK ONTARIO

G2S Environmental Consulting Inc.

Drawing No. 5

Appendix B:
Property Ownership

PROPERTY DESCRIPTION: PT LT 49, PL 310 ; PT LT UNNUMBERED, PL 310 ; AS IN CD438559 ; STONEY CREEK CITY OF HAMILTON

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1996/12/23

OWNERS' NAMES
FENGATE LIUNA GARDENS NOMINEE INC.

CAPACITY SHARE
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 1996/12/23 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/12/23						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1996/12/20 ***						
***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: 1996/12/23 ***						
BL1738	1956/01/25	BYLAW				C
	REMARKS: (1STLY) (AS TO PIN 17333-0663) ; RE: SUBDIVISION CONTROL					
CD438559	1987/12/04	TRANSFER		**** COMPLETELY DELETED ****	WISE, PHILOMENA	
WE263784	2004/09/24	DECLARATION CONDO		**** DELETED AGAINST THIS PROPERTY **** ROB-GEOF PROPERTIES LIMITED	ROB-GEOF PROPERTIES LIMITED	
	REMARKS: "AMENDMENT TO DECLARATION WE209115 CREATING A PHASE".					
WE619380	2009/05/14	APL DEV/HEIR-LAND		**** COMPLETELY DELETED **** WISE, PHILOMENA	WISE, ANTHONY	
WE621037	2009/05/22	RESTRICTION-LAND		**** COMPLETELY DELETED **** WISE, ANTHONY		

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
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
WE621537	2009/05/27	LR'S ORDER		*** COMPLETELY DELETED *** LAND REGISTRAR, NO 62		
	REMARKS: DELETE CD438559, WE263784					
WE810603	2012/01/26	TRANSMISSION-LAND		*** COMPLETELY DELETED *** WISE, ANTHONY	GERDES, JUNE MARY ROWE, PAULA WISE, PAUL WISE, ANTHONY - ESTATE	
WE810862	2012/01/27	TRANS PERSONAL REP		*** COMPLETELY DELETED *** GERDES, JUNE MARY ROWE, PAULA WISE, PAUL	GERDES, JUNE MARY	
	REMARKS: PLANNING ACT STATEMENTS					
WE911226	2013/07/19	TRANSFER		*** COMPLETELY DELETED *** GERDES, JUNE MARY	GERDES, JUNE MARY WISE, RAYMOND ANTHONY	
WE913361	2013/07/30	TRANSFER		*** COMPLETELY DELETED *** GERDES, JUNE MARY WISE, RAYMOND ANTHONY	WISE, RAYMOND	
	REMARKS: PLANNING ACT STATEMENTS.					
WE913362	2013/07/30	CHARGE		*** COMPLETELY DELETED *** WISE, RAYMOND	BANK OF MONTREAL	
WE1237747	2017/09/20	NO SEC INTEREST		*** COMPLETELY DELETED *** PROMPT FINANCIAL SOLUTIONS CORPORATION		
WE1287182	2018/05/31	CHARGE		*** COMPLETELY DELETED *** WISE, RAYMOND	EASYFINANCIAL SERVICES INC.	
WE1487203	2021/01/29	TRANSFER	$500,000	WISE, RAYMOND	FENGATE LIUNA GARDENS NOMINEE INC.	C
	REMARKS: PLANNING ACT STATEMENTS.					
WE1487844	2021/02/02	DISCHARGE INTEREST		*** COMPLETELY DELETED *** PROMPT FINANCIAL SOLUTIONS CORPORATION		
	REMARKS: WE1237747.					
WE1491450	2021/02/18	DISCH OF CHARGE		*** COMPLETELY DELETED *** BANK OF MONTREAL		

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
	REMARKS: WE913362.					
WE1491545	2021/02/18	DISCH OF CHARGE		*** COMPLETELY DELETED *** EASYFINANCIAL SERVICES INC.		
	REMARKS: WE1287182.					

PROPERTY DESCRIPTION: PCL 48-1 SEC W310 (C): FIRSTLY: PT LT ESPLANADE PL 310; LT HON. WILLSON PL 310, PARTS 4, 6 AND 8 ON 62R11395: SECONDLY: PT LT UNNUMBERED PL 310, PT LTS 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59 AND 60 AND PT WILSON ST ON PL 310, PARTS 1, 2 AND 3 ON 62R11395; SAVE AND EXCEPT PART 2 ON 62R13823; SAVE AND EXCEPT 62M892; ; CD420706; CD420707 AND LT574755; STONEY CREEK NOW THE CITY OF HAMILTON.

PROPERTY REMARKS: CORRECTION: INSTRUMENT NUMBER HL154704 WAS ENTERED IN ERROR AGAINST THIS PROPERTY AND WAS REMOVED AND CERTIFIED ON 2002/06/07 BY BELLE FIAMELLI.
CORRECTION: INSTRUMENT NUMBER HL160341 WAS ENTERED IN ERROR AGAINST THIS PROPERTY AND WAS REMOVED AND CERTIFIED ON 2002/06/10 BY BELLE FIAMELLI.

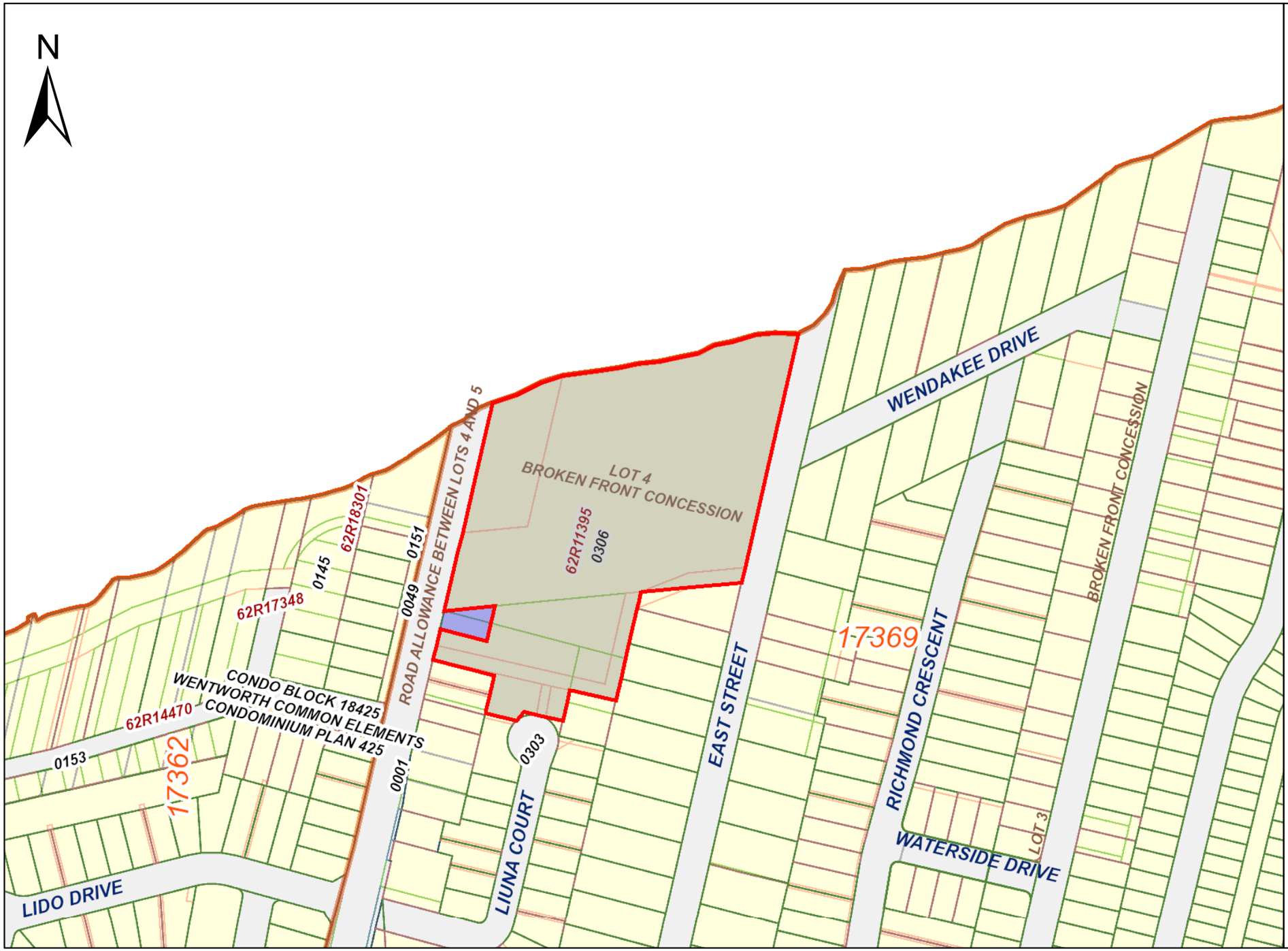
ESTATE/QUALIFIER:	RECENTLY:	PIN CREATION DATE:
FEE SIMPLE ABSOLUTE	DIVISION FROM 17369-0284	2001/01/03

OWNERS' NAMES	CAPACITY	SHARE
34 WEST AVENUE NORTH (HAMILTON) INCORPORATED	BENO	

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2001/01/03 **						
CD420706	1987/07/24	TRANSFER EASEMENT	$12,648		THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH	C
CD420707	1987/07/24	TRANSFER EASEMENT	$3,852		THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH	C
CD486413	1988/12/02	AGREEMENT			THE CORPORATION OF THE CITY OF STONEY CREEK	C
CD486414	1988/12/02	AGREEMENT			THE CORPORATION OF THE CITY OF STONEY CREEK	C
D52036225	1990/09/10	APL (GENERAL)			34 WEST AVENUE NORTH (HAMILTON) INCORPORATED	C
	REMARKS: AMENDED UNDER LT417892					
62R11395	1990/09/10	PLAN REFERENCE				C
LT574755	1999/10/18	TRANSFER EASEMENT		34 WEST AVENUE NORTH (HAMILTON) INCORPORATED	THE CORPORATION OF THE CITY OF STONEY CREEK	C
	REMARKS: PIN 17369-0283 BEING PART LOTS 2, 3, 4 , 5 7, 8, 9, 10, 11, 12, 14, 15 AND 16 DESIGNATED AS PARTS 1, 2, 3, 4, 5, 10, 12, 13, 14, 15, 16, 17, 18 AND 19 ON 62R-15205. PIN 17369-0284 BEING PART 8 ON 62R-15205.					
LT603915	2000/06/02	CHARGE		*** DELETED AGAINST THIS PROPERTY *** 34 WEST AVENUE NORTH (HAMILTON) INCORPORATED	BANK OF MONTREAL	
LT603916	2000/06/02	NO ASSGN RENT GEN		*** DELETED AGAINST THIS PROPERTY *** 34 WEST AVENUE NORTH (HAMILTON) INCORPORATED	BANK OF MONTREAL	
	REMARKS: LT603915 - RENTS					
WE102523	2002/06/27	CHARGE		*** COMPLETELY DELETED *** 34 WEST AVENUE NORTH (HAMILTON) INCORPORATED	BANK OF MONTREAL	
WE102529	2002/06/27	NO ASSGN RENT GEN		*** COMPLETELY DELETED *** 34 WEST AVENUE NORTH (HAMILTON) INCORPORATED	BANK OF MONTREAL	
	REMARKS: RE: WE102523					

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
WE125939	2002/10/23	DISCH OF CHARGE		*** COMPLETELY DELETED *** BANK OF MONTREAL		
	REMARKS: RE: LT603915					
WE902618	2013/06/10	DISCH OF CHARGE		*** COMPLETELY DELETED *** BANK OF MONTREAL		
	REMARKS: WE102523.					
WE1246379	2017/10/27	CHARGE		*** COMPLETELY DELETED *** 34 WEST AVENUE NORTH (HAMILTON) INCORPORATED	FIRSTONTARIO CREDIT UNION LIMITED	
WE1246384	2017/10/27	NO ASSGN RENT GEN		*** COMPLETELY DELETED *** 34 WEST AVENUE NORTH (HAMILTON) INCORPORATED	FIRSTONTARIO CREDIT UNION LIMITED	
	REMARKS: WE1246379					
WE1401768	2019/12/12	DISCH OF CHARGE		*** COMPLETELY DELETED *** FIRSTONTARIO CREDIT UNION LIMITED		
	REMARKS: WE1246379.					

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



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FOR G2S

SCALE

0 30 60 90 120
meters

PROPERTY INDEX MAP

WENTWORTH(No. 62)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	*0449*
BLOCK NUMBER	**08050**
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

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Appendix C:
Environmental Source Information

DATABASE REPORT

Project Property:	*522- 530 Winona Road* *522- 530 Winona Road* *Stoney Creek ON L8E 5E9*
Project No:	*G2S21194*
Report Type:	*RSC Report - Quote*
Order No:	*21050600007*
Requested by:	*G2S Environmental Consulting Inc.*
Date Completed:	*May 20, 2021*

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

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

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Executive Summary

Property Information:

Project Property:	*522- 530 Winona Road* *522- 530 Winona Road Stoney Creek ON L8E 5E9*
Project No:	*G2S21194*

Order Information:

Order No:	*21050600007*
Date Requested:	*May 6, 2021*
Requested by:	*G2S Environmental Consulting Inc.*
Report Type:	*RSC Report - Quote*

Historical/Products:

Topographic Map	*RSC Maps*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	9	9
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	0	0
EBR	Environmental Registry	Y	0	1	1
ECA	Environmental Compliance Approval	Y	2	3	5
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	2	3
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	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
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	1	1
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	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	2	2
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	0	0
	Total:		3	18	21

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		526 Winona Road Hamilton ON L8E	S/0.0	-0.42	15
2	ECA	City of Hamilton	Winona Rd Hamilton ON L8R 3M8	SSE/0.0	-0.22	15
2	ECA	City of Hamilton	Winona Rd Hamilton ON L8R 3M8	SSE/0.0	-0.22	15

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	CA	R.M. OF HAMILTON-WENTWORTH-PT. LOT 4	EAST ST./WENDAKEE DR./BASELINE STONEY CREEK CITY ON	E/8.7	-2.93	15
4	CA	R.M. OF HAMILTON-WENTWORTH	E. STREET S. OF WENDAKEE DR. STONEY CREEK CITY ON	E/13.1	-2.93	16
5	EHS		504 Winona Road Stoney Creek ON L8E 5E5	SW/84.6	3.14	16
6	EHS		504 Winona Road Hamilton ON	SW/100.8	3.05	16
7	CA	34 WEST AVENUE NORTH (HAMILTON) INC.	LIUNA COURT/WINONA RD. STONEY CREEK CITY ON	SW/148.3	3.86	16
7	CA	34 WEST AVENUE NORTH (HAMILTON) INC.	LIUNA COURT/WINONA RD. STONEY CREEK CITY ON	SW/148.3	3.86	17
8	PINC	GRIMSBY UTILITY CONSTRUCTION INC	88 RICHMOND CRES,,STONEY CREEK, ON,L8E 5T3,CA ON	E/150.1	-2.93	17
8	SPL	Union Gas Limited	88 Richmond Cres, Stoney Creek Hamilton ON	E/150.1	-2.93	18
9	CA	R.M. OF HAMILTON-WENTWORTH-PT.LOT 4	EAST ST./RICHMOND CR./BASELINE STONEY CREEK CITY ON	S/213.8	2.07	18
10	EBR	Mohammed Aaquib Abdul Raheem	12 Winona Park Road Hamilton, ON L8E 5E9 Canada ON	W/216.6	-2.04	18
10	ECA	Mohammed Aaquib Abdul Raheem	12 Winona Park Rd Hamilton ON L8E 5E9	W/216.6	-2.04	19
11	CA	R.M. OF HAMILTON-WENTWORTH	CREANONA BLVD./WENDAKEE DR. HAMILTON CITY ON	E/241.1	-3.49	19

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
11	CA		Creanona Blvd. and Wendakee Dr., Lot 3 & 4 Hamilton ON	E/241.1	-3.49	19
11	CA		Creanona Blvd. and Wendakee Dr., Lot 3 & 4 Hamilton ON	E/241.1	-3.49	20
11	ECA	The Corporation of the City of Hamilton	Creanona Blvd. and Wendakee Drive Hamilton ON L8P 4Y5	E/241.1	-3.49	20
12	SPL	Horizon Utilities Corporation	90 Creanona Street, Stoney Creek Hamilton ON	ENE/269.4	-3.93	20
13	CA	1125888 ONTARIO INC.	CREANONA BLVD./WATERSIDE DR. STONEY CREEK CITY ON	SE/273.0	-0.49	21
14	ECA	Trillium Housing Winona Non-Profit Corporation	1288 Baseline Rd Part 1, Reference Plan 62R-15611 Hamilton ON L7N 3W8	SSW/299.6	4.02	21

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 9 CA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
R.M. OF HAMILTON-WENTWORTH-PT. LOT 4	EAST ST./WENDAKEE DR./BASELINE STONEY CREEK CITY ON	8.7	3
R.M. OF HAMILTON-WENTWORTH	E. STREET S. OF WENDAKEE DR. STONEY CREEK CITY ON	13.1	4
34 WEST AVENUE NORTH (HAMILTON) INC.	LIUNA COURT/WINONA RD. STONEY CREEK CITY ON	148.3	7
34 WEST AVENUE NORTH (HAMILTON) INC.	LIUNA COURT/WINONA RD. STONEY CREEK CITY ON	148.3	7
R.M. OF HAMILTON-WENTWORTH-PT.LOT 4	EAST ST./RICHMOND CR./BASELINE STONEY CREEK CITY ON	213.8	9
R.M. OF HAMILTON-WENTWORTH	CREANONA BLVD./WENDAKEE DR. HAMILTON CITY ON	241.1	11
	Creanona Blvd. and Wendakee Dr., Lot 3 & 4 Hamilton ON	241.1	11
	Creanona Blvd. and Wendakee Dr., Lot 3 & 4 Hamilton ON	241.1	11
1125888 ONTARIO INC.	CREANONA BLVD./WATERSIDE DR. STONEY CREEK CITY ON	273.0	13

EBR - Environmental Registry

A search of the EBR database, dated 1994-Mar 31, 2021 has found that there are 1 EBR site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Mohammed Aaquib Abdul Raheem	12 Winona Park Road Hamilton, ON L8E 5E9 Canada ON	216.6	10

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Apr 30, 2021 has found that there are 5 ECA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
City of Hamilton	Winona Rd Hamilton ON L8R 3M8	0.0	2
City of Hamilton	Winona Rd Hamilton ON L8R 3M8	0.0	2
Mohammed Aaquib Abdul Raheem	12 Winona Park Rd Hamilton ON L8E 5E9	216.6	10
The Corporation of the City of Hamilton	Creanona Blvd. and Wendakee Drive Hamilton ON L8P 4Y5	241.1	11
Trillium Housing Winona Non-Profit Corporation	1288 Baseline Rd Part 1, Reference Plan 62R-15611 Hamilton ON L7N 3W8	299.6	14

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 3 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	526 Winona Road Hamilton ON L8E	0.0	1

Site	Address	Distance (m)	Map Key
	504 Winona Road Stoney Creek ON L8E 5E5	84.6	5
	504 Winona Road Hamilton ON	100.8	6

PINC - Pipeline Incidents

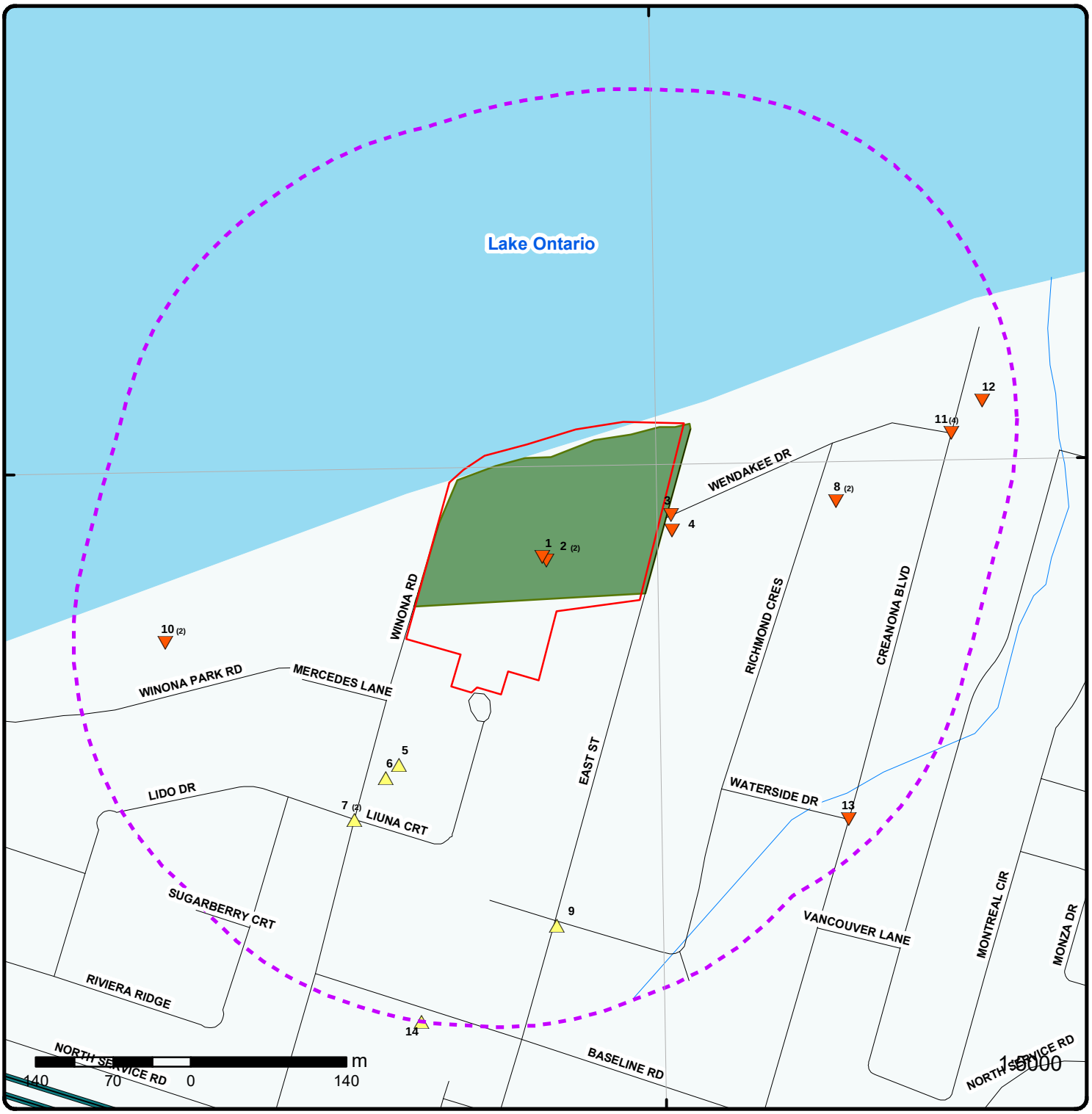
A search of the PINC database, dated Oct 31, 2020 has found that there are 1 PINC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
GRIMSBY UTILITY CONSTRUCTION INC	88 RICHMOND CRES,,STONEY CREEK,ON, L8E 5T3,CA ON	150.1	8

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 2 SPL site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Union Gas Limited	88 Richmond Cres, Stoney Creek Hamilton ON	150.1	8
Horizon Utilities Corporation	90 Creanona Street, Stoney Creek Hamilton ON	269.4	12



Map: 0.3 Kilometer Radius

Order Number: 21050600007

Address: 522- 530 Winona Road, Stoney Creek, ON

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

Source: © 2015 DMTI Spatial Inc.

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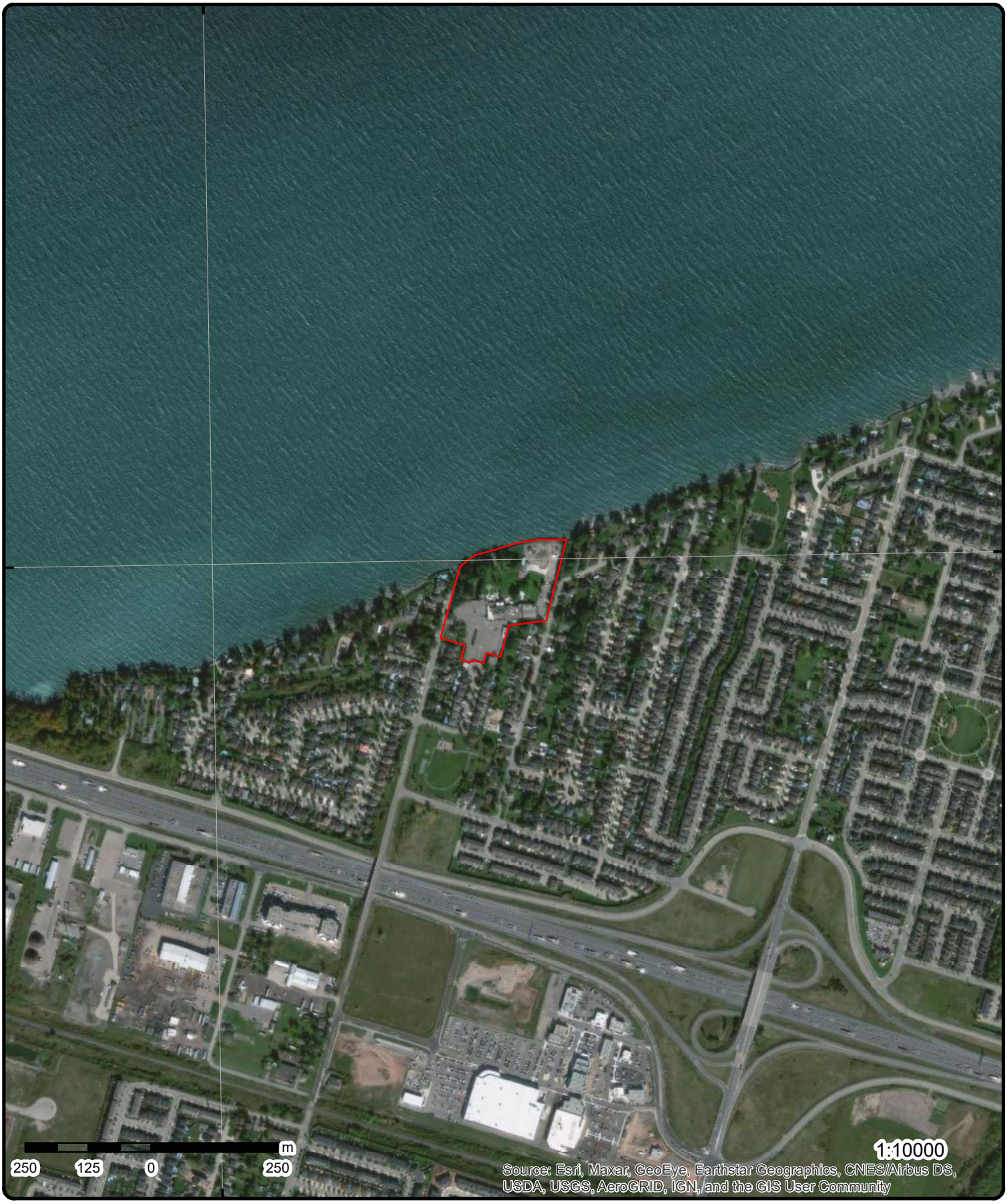
79°39'W

43°13'30"N



43°13'30"N

Aerial

Year: 2019

Order Number: 21050600007

Address: 522- 530 Winona Road, Stoney Creek, ON

Source: ESRI World Imagery

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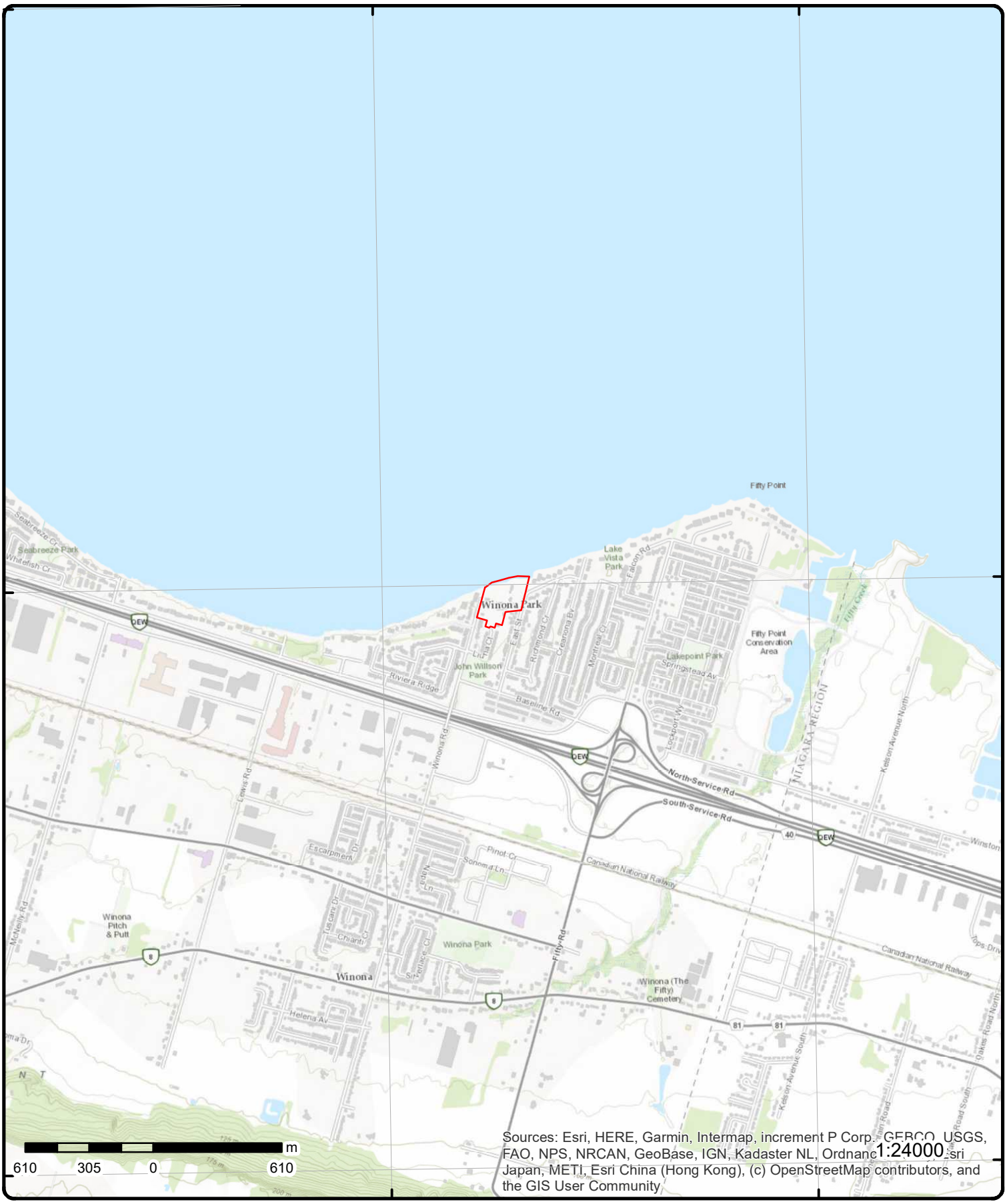

Topographic Map

Address: 522- 530 Winona Road, ON

Source: ESRI World Topographic Map

Order Number: 21050600007

ERIS

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	S/0.0	78.3 / -0.42	526 Winona Road Hamilton ON L8E	EHS

Order No:	20190827067	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	03-SEP-19	**Search Radius (km):**	.25
Date Received:	27-AUG-19	**X:**	-79.642947
Previous Site Name:		**Y:**	43.224263
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Topographic Maps; City Directory; Aerial Photos

---

2	1 of 2	SSE/0.0	78.5 / -0.22	City of Hamilton Winona Rd Hamilton ON L8R 3M8	ECA

Approval No:	6515-7AAQX4	**MOE District:**	Hamilton
Approval Date:	2008-01-25	**City:**	
Status:	Approved	**Longitude:**	-79.6429
Record Type:	ECA	**Latitude:**	43.224236
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Hamilton	**Geometry Y:**	

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Hamilton
Address: Winona Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0794-77MS2J-14.pdf

---

2	2 of 2	SSE/0.0	78.5 / -0.22	City of Hamilton Winona Rd Hamilton ON L8R 3M8	ECA

Approval No:	5885-7LKRAY	**MOE District:**	Hamilton
Approval Date:	2008-12-03	**City:**	
Status:	Approved	**Longitude:**	-79.6429
Record Type:	ECA	**Latitude:**	43.224236
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Hamilton	**Geometry Y:**	

Approval Type: ECA-AIR
Project Type: AIR
Business Name: City of Hamilton
Address: Winona Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5769-7JTJHQ-14.pdf

---

3	1 of 1	E/8.7	75.8 / -2.93	R.M. OF HAMILTON-WENTWORTH-PT. LOT 4 EAST ST./WENDAKEE DR./BASELINE STONEY CREEK CITY ON	CA

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

Certificate #: 3-1693-91-
Application Year: 91
Issue Date: 11/1/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

4 | **1 of 1** | **E/13.1** | **75.8 / -2.93** | **R.M. OF HAMILTON-WENTWORTH E. STREET S. OF WENDAKEE DR. STONEY CREEK CITY ON** | **CA**

Certificate #: 3-1776-86-
Application Year: 86
Issue Date: 8/25/1987
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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5 | **1 of 1** | **SW/84.6** | **81.9 / 3.14** | **504 Winona Road Stoney Creek ON L8E 5E5** | **EHS**

Order No: 20190130131
Status: C
Report Type: Standard Report
Report Date: 06-FEB-19
Date Received: 30-JAN-19
Previous Site Name:
Lot/Building Size: 0.14-Acre
Additional Info Ordered: Aerial Photos

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.644574
Y: 43.222599

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6 | **1 of 1** | **SW/100.8** | **81.8 / 3.05** | **504 Winona Road Hamilton ON** | **EHS**

Order No: 20081118041
Status: C
Report Type: Standard Report
Report Date: 11/27/2008
Date Received: 11/18/2008
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Aerials Photos

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.644723
Y: 43.222498

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7 | **1 of 2** | **SW/148.3** | **82.6 / 3.86** | **34 WEST AVENUE NORTH (HAMILTON) INC. LIUNA COURT/WINONA RD. STONEY CREEK CITY ON** | **CA**

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

Certificate #: 3-0200-99-
Application Year: 99
Issue Date: 3/19/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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7 | **2 of 2** | **SW/148.3** | **82.6 / 3.86** | **34 WEST AVENUE NORTH (HAMILTON) INC.**
LIUNA COURT/WINONA RD.
STONEY CREEK CITY ON | **CA**

Certificate #: 7-0116-99-
Application Year: 99
Issue Date: 3/19/1999
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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8 | **1 of 2** | **E/150.1** | **75.8 / -2.93** | **GRIMSBY UTILITY CONSTRUCTION INC**
88 RICHMOND CRES,,STONEY CREEK,ON,L8E 5T3,CA
ON | **PINC**

Incident ID:
Incident No: 1492630
Incident Reported Dt: 10/6/2014
Type: FS-Pipeline Incident
Status Code:
Customer Acct Name: GRIMSBY UTILITY CONSTRUCTION INC
Incident Address: 88 RICHMOND CRES,,STONEY CREEK,ON, L8E 5T3,CA
Tank Status: Pipeline Damage Reason Est
Task No: 5206200
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt: 2014/12/17
Operation Type:
Pipeline Type:
Regulator Type:
Summary: 88 RICHMOND CRESCENT, HAMILTON - PIPELINE HIT - 1/2"
Reported By: Mark Menicanin - Union Gas
Affiliation:
Occurrence Desc:
Damage Reason: Excavation practices not sufficient
Notes:

Fuel Category: Natural Gas
Health Impact:
Environment Impact:
Property Damage: Yes
Service Interupt:
Enforce Policy: Yes
Public Relation:
Pipeline System:
Depth:
Pipe Material:
PSIG:
Attribute Category: FS-Perform P-line Inc Invest
Regulator Location:
Method Details: E-mail

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	2 of 2	E/150.1	75.8 / -2.93	Union Gas Limited 88 Richmond Cres, Stoney Creek Hamilton ON	SPL

Ref No:	1733-9PJSPZ	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2014/10/03	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Leak/Break	**Sector Type:**	Valve/Fitting/Piping
Incident Event:		**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	88 Richmond Cres, Stoney Creek
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Confirmed	**Site Municipality:**	Hamilton
Nature of Impact:	Air Pollution	**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	Referral to others	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2014/10/03	**Site Map Datum:**	
Dt Document Closed:	2014/12/20	**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	**Source Type:**	
Site Name:	Residential<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA: Union Gas, 1/2 plastic, safe		
Contaminant Qty:	0 other - see incident description		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	1 of 1	S/213.8	80.8 / 2.07	R.M. OF HAMILTON-WENTWORTH-PT.LOT 4 EAST ST./RICHMOND CR./BASELINE STONEY CREEK CITY ON	CA

Certificate #:	7-1366-91-
Application Year:	91
Issue Date:	11/1/1991
Approval Type:	Municipal water
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
10	1 of 2	W/216.6	76.7 / -2.04	Mohammed Aaquib Abdul Raheem 12 Winona Park Road Hamilton, ON L8E 5E9 Canada ON	EBR

EBR Registry No:	019-0858	**Decision Posted:**	March 9, 2020
Ministry Ref No:	7476-BG3KVL	**Exception Posted:**	
Notice Type:	Instrument	**Section:**	Part II.1 (20.3 or 20.5)
Notice Stage:	Decision	**Act 1:**	Environmental Protection Act, R.S.O. 1990
Notice Date:		**Act 2:**	Environmental Protection Act

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

Proposal Date: November 12, 2019 **Site Location Map:** 43.223185,-79.647116
Year: 2019
Instrument Type: Environmental Compliance Approval (sewage)
Off Instrument Name: Environmental Compliance Approval (sewage) (OWRA s.53)
Posted By: Ministry of the Environment, Conservation and Parks
Company Name:
Site Address: 12 Winona Park Road
Hamilton,
ON
L8E 5E9
Canada
Location Other:
Proponent Name: Mohammed Aaquib Abdul Raheem
Proponent Address: 12 Winona Park Road
Hamilton,
ON
L8E 5E9
Canada
Comment Period: November 12, 2019 - December 27, 2019 (45 days) Closed
URL: https://ero.ontario.ca/notice/019-0858

Site Location Details:

10	2 of 2	W/216.6	76.7 / -2.04	**Mohammed Aaquib Abdul Raheem** **12 Winona Park Rd** **Hamilton ON L8E 5E9**	ECA

Approval No: 3955-BL2QDH **MOE District:**
Approval Date: 2020-02-28 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Mohammed Aaquib Abdul Raheem
Address: 12 Winona Park Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7476-BG3KVL-13.pdf

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11	1 of 4	E/241.1	75.3 / -3.49	**R.M. OF HAMILTON-WENTWORTH** **CREANONA BLVD./WENDAKEE DR.** **HAMILTON CITY ON**	CA

Certificate #: 3-0564-92-
Application Year: 92
Issue Date: 5/25/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

11	2 of 4	E/241.1	75.3 / -3.49	**Creanona Blvd. and Wendakee Dr., Lot 3 & 4** **Hamilton ON**	CA

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

Certificate #: 4132-4KSNUB
Application Year: 00
Issue Date: 6/5/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Hamilton-Wentworth
Client Address: 71 Main Street West, 2nd Floor
Client City: Hamilton
Client Postal Code: L8N 3T4
Project Description: Installation of 200mm diameter watermain along Creanona Blvd. and Wendakee Dr.
Contaminants:
Emission Control:

11	3 of 4	E/241.1	75.3 / -3.49	Creanona Blvd. and Wendakee Dr., Lot 3 & 4 Hamilton ON	CA

Certificate #: 7130-4K9QN4
Application Year: 00
Issue Date: 5/15/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Hamilton
Client Address: 71 Main Street, City Hall
Client City: Hamilton
Client Postal Code: L8P 4Y5
Project Description: Install Storm Sewers
Contaminants:
Emission Control:

11	4 of 4	E/241.1	75.3 / -3.49	The Corporation of the City of Hamilton Creanona Blvd. and Wendakee Drive Hamilton ON L8P 4Y5	ECA

Approval No: 7130-4K9QN4
Approval Date: 2000-05-15
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Hamilton
MOE District: Hamilton
City:
Longitude: -79.6369
Latitude: 43.2231
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Corporation of the City of Hamilton
Address: Creanona Blvd. and Wendakee Drive
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7778-4JZRDA-14.pdf

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12	1 of 1	ENE/269.4	74.8 / -3.93	Horizon Utilities Corporation 90 Creanona Street, Stoney Creek Hamilton ON	SPL

Ref No: 3414-94AK6Y
Site No:
Incident Dt: 24-JAN-13
Year:
Incident Cause: Leak/Break
Incident Event:
Contaminant Code: 15
Contaminant Name: TRANSFORMER OIL (N.O.S.)
Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Transformer
Agency Involved:
Nearest Watercourse:
Site Address: 90 Creanona Street, Stoney Creek

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

Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Not Anticipated	**Site Municipality:**	Hamilton
Nature of Impact:	Soil Contamination	**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	No Field Response	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	25-JAN-13	**Site Map Datum:**	
Dt Document Closed:	08-FEB-13	**SAC Action Class:**	Land Spills
Incident Reason:	Material Failure ¿ Poor Design/Substandard Material	**Source Type:**	
Site Name:	transformer<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Horizon Utility: 1 L of transformer oil to grnd, clnd		
Contaminant Qty:	1 L		

13	1 of 1	SE/273.0	78.3 / -0.49	1125888 ONTARIO INC. CREANONA BLVD./WATERSIDE DR. STONEY CREEK CITY ON	CA

Certificate #:	3-1175-96-
Application Year:	96
Issue Date:	10/17/1996
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

14	1 of 1	SSW/299.6	82.8 / 4.02	Trillium Housing Winona Non-Profit Corporation 1288 Baseline Rd Part 1, Reference Plan 62R-15611 Hamilton ON L7N 3W8	ECA

Approval No:	7492-BSDPVM	**MOE District:**	
Approval Date:	2020-08-14	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	
SWP Area Name:		**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Trillium Housing Winona Non-Profit Corporation		
Address:	1288 Baseline Rd Part 1, Reference Plan 62R-15611		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8341-BRYQE7-14.pdf		

Unplottable Summary

Total: 19 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	City of Hamilton	Winona Rd	Hamilton ON	
CA	City of Hamilton	Winona Rd	Hamilton ON	
CA		Lot 4, Concession 1	Hamilton ON	
CA	SGRO CONSTRUCTION CO. LTD.-WINONA SHORE	BASELINE RD.	STONEY CREEK CITY ON	
CA	Foothills of Winona	Part of Lot 4, Concession 1	Hamilton ON	
CA		Baseline Road Between Winona and Fifty Road	Hamilton ON	
CA		Baseline Road	Hamilton ON	
CA	1125888 ONTARIO INC.	WATERSIDE DR./CHELSEA BLVD.	STONEY CREEK CITY ON	
CA	ONTARIO HYDRO, HAMILTON-KENILWORTH TS	LOT 3, BROKEN FRONT CONC.	HAMILTON CITY ON	
CA	BAYRIVER ESTATES INC.	RICHMOND CRES.	STONEY CREEK CITY ON	
CA	A. SGRO, G. SGRO & F. GRAMMELHOFER	CREANONA BLVD/WINONA SHORE EST	STONEY CREEK CITY ON	
CA	STONEY CREEK CITY	EAST STREET	STONEY CREEK CITY ON	
CA	Foothills of Winona	Part of Lot 4, Concession 1	Hamilton ON	
CA	Foothills of Winona	Part of Lot 4, Concession 1	Hamilton ON	
CA	BAYRIVER ESTATES INC.	RICHMOND CRES.	STONEY CREEK CITY ON	
CA	R.M. OF HAMILTON-WENTWORTH WINONA RD.	WINONA RD.	STONEY CREEK CITY ON	
ECA	City of Hamilton	Baseline Road	Hamilton ON	L8P 4Y5

ECA	Penady (Stoney Creek) Ltd.	Winona Rd Vince Mazza Way, South Service Road, and Fifty Road	Hamilton ON	M5E 1G4
PTTW	Dofasco Inc.	Lot 3 BFC Hamilton	ON	

Unplottable Report

Site: ***City of Hamilton***
Winona Rd Hamilton ON

Database: ***CA***

Certificate #:	6515-7AAQX4
Application Year:	2008
Issue Date:	1/25/2008
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: ***City of Hamilton***
Winona Rd Hamilton ON

Database: ***CA***

Certificate #:	5885-7LKRAY
Application Year:	2008
Issue Date:	12/3/2008
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site:
Lot 4, Concession 1 Hamilton ON

Database: ***CA***

Certificate #:	
Application Year:	
Issue Date:	
Approval Type:	Municipal & Private sewage
Status:	Returned
Application Type:	New Certificate of Approval
Client Name:	1435667 Ontario Inc. & 1435668 Ontario Inc.
Client Address:	85 Coutrland Ave.
Client City:	Hamilton
Client Postal Code:	L9B 1X7
Project Description:	
Contaminants:	
Emission Control:	

Site: ***SGRO CONSTRUCTION CO. LTD.-WINONA SHORE***
BASELINE RD. STONEY CREEK CITY ON

Database: ***CA***

Certificate #:	3-0759-90-

Application Year: 90
Issue Date: 7/25/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Foothills of Winona***
Part of Lot 4, Concession 1 Hamilton ON

Database: ***CA***

Certificate #: 4398-52JKJB
Application Year: 01
Issue Date: 9/14/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: 1478742 Ontario Inc.
Client Address: 1070 Stone Church Road East
Client City: Hamilton
Client Postal Code: L8W 3K8
Project Description: Sanitary sewers to be constructed on Sonoma Lane, Benziger Lane and Napa Lane, and storm sewers to be constructed on Sonoma Lane, Benziger Lane and Napa Lane, Winona Road and Petit Street.
Contaminants:
Emission Control:

Site:
Baseline Road Between Winona and Fifty Road Hamilton ON

Database: ***CA***

Certificate #: 8511-4Y4H3G
Application Year: 01
Issue Date: 7/6/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Hamilton
Client Address: 71 Main Street West
Client City: Hamilton
Client Postal Code: L8P 4Y5
Project Description: Construction of sanitary sewers on Baseline Rd. from approximately 121 metres west to approximately 60 metres east of East St. from Creanona Blvd. to approximatley 83 metres easterly in the city of Hamilton.
Contaminants:
Emission Control:

Site:
Baseline Road Hamilton ON

Database: ***CA***

Certificate #: 2227-4WQKBX
Application Year: 01
Issue Date: 5/14/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Hamilton
Client Address: 71 Main Street West, 2nd Floor
Client City: Hamilton
Client Postal Code: L8N 3T4
Project Description: Watemain construction on Baseline Road
Contaminants:

Emission Control:

Site: ***1125888 ONTARIO INC.***
WATERSIDE DR./CHELSEA BLVD. STONEY CREEK CITY ON

Database: ***CA***

Certificate #: 7-0955-96-
Application Year: 96
Issue Date: 10/15/1996
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***ONTARIO HYDRO, HAMILTON-KENILWORTH TS***
LOT 3, BROKEN FRONT CONC. HAMILTON CITY ON

Database: ***CA***

Certificate #: 4-0114-97-
Application Year: 97
Issue Date: 11/25/1997
Approval Type: Industrial wastewater
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: EXPANDED STATION DRAINAGE SYSTEM
Contaminants:
Emission Control:

Site: ***BAYRIVER ESTATES INC.***
RICHMOND CRES. STONEY CREEK CITY ON

Database: ***CA***

Certificate #: 7-1065-92-
Application Year: 92
Issue Date: 10/13/1992
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***A. SGRO, G. SGRO & F. GRAMMELHOFER***
CREANONA BLVD/WINONA SHORE EST STONEY CREEK CITY ON

Database: ***CA***

Certificate #: 7-1965-89-
Application Year: 89
Issue Date: 1/15/1990
Approval Type: Municipal water
Status: Approved in 1990
Application Type:

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

Site: ***STONEY CREEK CITY***
EAST STREET STONEY CREEK CITY ON

Database: ***CA***

Certificate #: 3-1406-92-
Application Year: 92
Issue Date: 10/23/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Foothills of Winona***
Part of Lot 4, Concession 1 Hamilton ON

Database: ***CA***

Certificate #: 5875-53NQDE
Application Year: 01
Issue Date: 11/7/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: 1478742 Ontario Inc.
Client Address: 1070 Stone Church Road East
Client City: Hamilton
Client Postal Code: L8W 3K8
Project Description: Stormwater Management Facility at Foothills of Winona
Contaminants:
Emission Control:

Site: ***Foothills of Winona***
Part of Lot 4, Concession 1 Hamilton ON

Database: ***CA***

Certificate #: 2633-52JKQB
Application Year: 01
Issue Date: 9/14/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: 1478742 Ontario Inc.
Client Address: 1070 Stone Church Road East
Client City: Hamilton
Client Postal Code: L8W 3K8
Project Description: Watermains to be constructed on Winona Road, Sonoma Lane, Benziger Lane and Napa Lane.
Contaminants:
Emission Control:

Site: ***BAYRIVER ESTATES INC.***
RICHMOND CRES. STONEY CREEK CITY ON

Database: ***CA***

Certificate #: 3-1360-92-
Application Year: 92
Issue Date: 10/13/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF HAMILTON-WENTWORTH WINONA RD.***
WINONA RD. STONEY CREEK CITY ON

Database: ***CA***

Certificate #: 3-0772-88-
Application Year: 88
Issue Date: 6/17/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Hamilton***
Baseline Road Hamilton ON L8P 4Y5

Database: ***ECA***

Approval No: 2227-4WQKBX
Approval Date: 2001-05-14
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Business Name: City of Hamilton
Address: Baseline Road
Full Address:
Full PDF Link:

Site: ***Penady (Stoney Creek) Ltd.***
Winona Rd Vince Mazza Way, South Service Road, and Fifty Road Hamilton ON M5E 1G4

Database: ***ECA***

Approval No: 4333-9WFP93
Approval Date: 2015-05-19
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Penady (Stoney Creek) Ltd.
Address: Winona Rd Vince Mazza Way, South Service Road, and Fifty Road
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7301-9VERZC-14.pdf

Site: ***Dofasco Inc.***
Lot 3 BFC Hamilton ON

Database: ***PTTW***

EBR Registry No:	IA01E0747	***Decision Posted:***	
Ministry Ref No:	23015909	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	September 05, 2001	***Act 2:***	
Proposal Date:	May 30, 2001	***Site Location Map:***	
Year:	2001		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Dofasco Inc.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	P.O. Box 2460, 1330 Burlington Street East, Hamilton Ontario, L8N 3J5		
Comment Period:			
URL:			

Site Location Details:

Lot 3 BFC Hamilton

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Dec 31, 2020

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Jul 31, 2020

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

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

Government Publication Date: 1999-Dec 31, 2020

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Apr 2021

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

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Nov 2020

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Mar 31, 2021

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: Jul 31, 2020

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Apr 30, 2021

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Mar 31, 2021

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- Apr 30, 2021

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Jan 31, 2021

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

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

List of Expired Fuels Safety Facilities: Provincial EXP

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

Government Publication Date: Jul 31, 2020

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Jan 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Jan 31, 2021

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2018

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Dec 2020

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

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Mar 31, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Feb 28, 2021

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Mar 31, 2021

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011-Apr 30, 2021

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Oct 31, 2020

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Mar 31, 2021

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2018

Record of Site Condition: Provincial RSC

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

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

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Dec 31, 2020

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Aug 2020

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2018

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Apr 30, 2021

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

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Apr 30, 2020

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.

Ontario Environmental Registry of Ontario

Mohammed Aaquib Abdul Raheem

Instrument type: Environmental Compliance Approval (sewage) (/taxonomy/term/375)

ERO (Environmental Registry of Ontario) number	019-0858
Ministry reference number	7476-BG3KVL
Notice type	Instrument
Act	Environmental Protection Act, R.S.O. 1990
Posted by	Ministry of the Environment, Conservation and Parks
Notice stage	Decision
Decision posted	March 9, 2020
Comment period	November 12, 2019 - December 27, 2019 (45 days) Closed
Last updated	March 9, 2020

This consultation was open from:
November 12, 2019
to December 27, 2019

Decision summary

Environmental Compliance Approval (Sewage) Granted to Mohammed Aaquib Abdul Raheem for the establishment of a new on-site sewage works system in Hamilton, Ontario.

Location details

Site address

12 Winona Park Road
Hamilton, ON
L8E 5E9
Canada

Site location map

The location pin reflects the approximate area where environmental activity is taking place.

View this location on a map (https://maps.google.com/?q=43.223185,-79.647116)

Proponent(s)

Mohammed Aaquib Abdul Raheem
12 Winona Park Road
Hamilton, ON
L8E 5E9
Canada

Decision details

Environmental Compliance Approval (Sewage) Granted to Mohammed Aaquib Abdul Raheem, for the establishment of a new on-site sewage works system designed to service a proposed dwelling located at 12 Winona Park Road, in Stoney Creek, Hamilton, Ontario.

The sewage works system is for the sewage collection, treatment and subsurface disposal, based on a daily flow of 4,650 litres per day.

The system will include a precast concrete anaerobic digester tank, with an internal pump chamber, a waterloo biofilter treatment unit and a shallow buried trench for groundwater disposal of treated effluent.

Comments received

Through the registry	By email	By mail
0	0	0

View comments submitted through the registry (/notice/019-0858/comments)

Supporting materials

Related files

Environmental Compliance Approval #3955-BL2QDH (https://prod-environmental-registry.s3.amazonaws.com/2020-03/NUMBER%203955-BL2QDH.pdf)
pdf (Portable Document Format file) 167.19 KB

View materials in person

Important notice: Due to the ongoing COVID-19 pandemic, viewing supporting materials in person is not available at this time.

Please reach out to the Contact listed in this notice to see if alternate arrangements can be made.

Hamilton District Office
119 King Street West
Floor 9
Hamilton, ON
L8P 4Y7
Canada

905-521-7650

Client Services and Permissions Branch
135 St Clair Ave West
1st Floor
Toronto, ON

M4V 1P5
Canada

416-314-8001 or 1-800-461-6290

Appeal

This instrument decision can be appealed. You have 15 days from March 9, 2020 to begin the appeal process.

Carefully review the information below to learn more about the appeal process.

How to appeal

If you're an Ontario resident, you can start the process to appeal this instrument decision.

First, you'll need to seek leave (i.e. get permission) from the relevant appellate body to appeal the decision.

If the appellate body grants leave, the appeal itself will follow.

Seek leave to appeal

To seek leave to appeal, you need to do these three things:

1. prepare your application
2. provide notice to the minister
3. mail your application to three parties

1. Prepare your application

You'll need to prepare an application. You may wish to include the following things in your application:

1. A document that includes:
   - your name, phone number, fax number (if any), and/or email address
   - the ERO (Environmental Registry of Ontario) number and ministry reference number (located on this page)
   - a statement about whether you are a resident in Ontario
   - your interest in the decision, and any facts you want taken into account in deciding whether you have an interest in the decision
   - the parts of the instrument that you're challenging
   - whether the decision could result in significant harm to the environment
   - the reason(s) why you believe that no reasonable person – having regard to the relevant law and to any government policies developed to guide decisions of that kind – could have made the decision
   - the grounds (facts) you'll be using to appeal
   - the outcome you'd like to see
2. A copy of the instrument (approval, permit, order) that you you are seeking leave to appeal. You'll find this in the decision notice on the Environmental Registry
3. Copies of all supporting documents, facts and evidence that you'll be using to appeal

What is considered

The appeal body will consider the following two questions in deciding whether to grant you leave to appeal:

1. is there is good reason to believe that no reasonable person, with respect to the relevant law and to any government policies developed to guide decisions of that kind, could have made the decision?
2. could the decision you wish to appeal result in significant harm to the environment?

2. Provide your notice

You'll need to provide notice to the Minister of the Environment, Conservation and Parks that you're seeking leave to appeal.

In your notice, please include a brief description of the:

- decision that you wish to appeal
- grounds for granting leave to appeal

You can provide notice by email at minister.mecp@ontario.ca or by mail at:

College Park 5th Floor, 777 Bay St.
Toronto, ON
M7A 2J3

3. Mail your application

You'll need to mail your application that you prepared in step #1 to each of these three parties:

- appellate body
- issuing authority (the ministry official who issued the instrument)
- proponent (the company or individual to whom the instrument was issued)

Issuing authority	Fariha Pannu Manager Environmental Assessment and Permissions Branch 1st Floor, 135 St Clair Ave W Toronto, ON M4V 1P5 Canada 416-314-7092
Proponent(s)	Mohammed Aaquib Abdul Raheem 12 Winona Park Road Hamilton, ON L8E 5E9 Canada
Appellate body	Environmental Review Tribunal Attention: The Secretary 655 Bay Street Floor 15 Toronto, Ontario

M5G 1E5
(416) 212-6349
(866) 448-2248

About the Environmental Review Tribunal (http://elto.gov.on.ca/tribunals/ert/about-the-ert/)

Include the following:

ERO (Environmental Registry of Ontario) number	019-0858
Ministry reference number	7476-BG3KVL

> This is not legal advice. Please refer to the Environmental Bill of Rights (https://www.ontario.ca/laws/statute/93e28) for exact legal requirements. Consult a lawyer if you need help with the appeal process.

Connect with us

Contact

Client Services and Permissions Branch

416-314-8001 or 1-800-461-6290

enviropermissions@ontario.ca

Original proposal

ERO (Environmental Registry of Ontario) number	019-0858
Ministry reference number	7476-BG3KVL
Notice type	Instrument
Act	Environmental Protection Act, R.S.O. 1990
Posted by	Ministry of the Environment, Conservation and Parks
Proposal posted	November 12, 2019
Comment period	November 12, 2019 - December 27, 2019 (45 days)

Proposal details

This proposal is for a new Environmental Compliance Approval (Sewage) to be issued to Mohammed Aaquib Abdul Raheem, for the establishment of a new on-site sewage works system designed to service a proposed dwelling located at 12 Winona Park Road, in Stoney Creek, Hamilton, Ontario.

The sewage works system is for the sewage collection, treatment and subsurface disposal, based on a daily flow of 4,650 litres per day.

The system will include a precast concrete anaerobic digester tank, with an internal pump chamber, a waterloo biofilter treatment unit and a shallow buried trench for groundwater disposal of treated effluent.

Supporting materials

View materials in person

Important notice: Due to the ongoing COVID-19 pandemic, viewing supporting materials in person is not available at this time.

Please reach out to the Contact listed in this notice to see if alternate arrangements can be made.

Hamilton District Office
119 King Street West
Floor 9
Hamilton, ON
L8P 4Y7
Canada

905-521-7650

Client Services and Permissions Branch
135 St Clair Ave West
1st Floor
Toronto, ON
M4V 1P5
Canada

416-314-8001 or 1-800-461-6290

Comment

Commenting is now closed.

This consultation was open from November 12, 2019 to December 27, 2019

Connect with us

Contact

Client Services and Permissions Branch

416-314-8001 or 1-800-461-6290

enviropermissions@ontario.ca

Ontario Ministry of the Environment

Freedom of Information Request

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

Requester Data	For Ministry Use Only
Name, Company Name, Mailing Address and Email Address of Requester	FOI Request No. / Date Request Received
Email address: stephanie@g2sconsulting.com Stephanie Lewis G2S Consulting Inc. 37 Sandiford Drive, Suite 411, Stouffville, ON L4A 8Z2	Fee Paid ☐ ACCT ☐ CHQ ☐ VISA/MC ☐ CASH
Telephone/Fax Nos. Tel. 647-825-3685 Fax 905-642-5999 Your Project/Reference No. G2S 21194 Signature/Print Name of Requester S. Lewis D. Lewis	☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ SAC ☐ IEB ☐ EAA ☐ EMR ☐ SWA

Request Parameters

Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)
526, 530 Winona Road, Stoney Creek

Present Property Owner(s) and Date(s) of Ownership
34 West Avenue North (Hamilton) Incorporated

Previous Property Owner(s) and Date(s) of Ownership
Mario's Inferno Ltd. (1982-1985)

Present/Previous Tenant(s),(if applicable)
Previous owner Mario + Lucia Giangregorio 1967-1982

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

Certificates of Approval ➤ Proponent information must be provided

1985 and prior records are searched manually. **Search fees in excess of $300.00** could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number(s) (if known). **If supporting documents are also required, mark SD box** and specify type e.g. maps, plans, reports, etc.

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

A $5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is $30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of $30.00.

Ontario Ministry of the Environment

Freedom of Information Request

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

Requester Data			For Ministry Use Only	
Name, Company Name, Mailing Address and Email Address of Requester			FOI Request No.	Date Request Received
Email address: stephanie@g2sconsulting.com Stephanie Lewis G2S Consulting Inc. 37 Sandiford Drive, Suite 411, Stouffville, ON L4A 8Z2			Fee Paid ☐ ACCT ☐ CHQ ☐ VISA/MC ☐ CASH	
Telephone/Fax Nos. Tel. 647-825-3685 Fax 905-642-5999	Your Project/Reference No. G2S21194	Signature/Print /Name of Requester S. Lewis S. Lewis	☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ SAC ☐ IEB ☐ EAA ☐ EMR ☐ SWA	

Request Parameters

Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)
522 Winona Road, Stoney Creek

Present Property Owner(s) and Date(s) of Ownership
Fengate Liuna Gardens Nominee Inc. Jan. 29, 2021 → Present

Previous Property Owner(s) and Date(s) of Ownership
Raymond Wise July 30, 2013 → Jan. 29, 2021

Present/Previous Tenant(s),(if applicable)

Search Parameters *Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.*	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	1950 → Present
Orders	
Spills	
Investigations/prosecutions ➤ Owner AND tenant information must be provided	
Waste Generator number/classes	

Certificates of Approval ➤ Proponent information must be provided

1985 and prior records are searched manually. **Search fees in excess of $300.00** could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number(s) (if known). **If supporting documents are also required, mark SD box** and specify type e.g. maps, plans, reports, etc.

	SD	Specify Year(s) Requested
air - *emissions*		1950 → Present
water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*		
sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*		
waste water - *industrial discharges*		
waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator sites*		
waste systems - *PCB destruction, mobile waste processing units, haulers: sewage, non-hazardous & hazardous waste*		
pesticides - *licenses*		

A $5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is $30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of $30.00.

CONTENT COPY OF ORIGINAL

Ontario

Ministry of the Environment **Ministère de l'Environnement**

AMENDED CERTIFICATE OF APPROVAL
MUNICIPAL AND PRIVATE SEWAGE WORKS
NUMBER 6515-7AAQX4
Issue Date: January 25, 2008

City of Hamilton
55 John Street North, 6th Floor
Hamilton, Ontario
L8R 3M8

Site Location: HC016 Winona Sewage Pumping Station
East of Winona Road
Hamilton City, Ontario

You have applied in accordance with Section 53 of the Ontario Water Resources Act for approval of:

upgrades to an existing sanitary sewage pumping station and forcemain, in the City of Hamilton comprising the following:

EXISTING WORKS

• ***a sewage pumping station and forcemain*** with two (2) pumps installed, designed with a specified design point of 88 L/s at 21.1 m TDH on Winona Road;

• ***a rectangular wet well*** having two (2) cells with interior dimensions of 3.99 m x 6 m each***;*** and

• ***a 300 mm diameter forcemain*** discharging to MH # 4 located at Lido Drive and Portofino Place;

PROPOSED WORKS

• replace ***impellers in the two (2) existing pumps*** to achieve pump capacity of 88 L/s each;

• one (1) ***new additional pump*** with a capacity of 88 L/s;

• station operation will consist of two (2) duty pumps and one (1) standby pump having a firm station capacity of 150 L/s at 22.3 m TDH;

• one (1) ***new flow meter*** to replace existing; and

• two (2) ***new level sensors*** to replace existing;

all in accordance with the application from City of Hamilton, dated October 1, 2007 and received on October 3, 2007, and all supporting documentation and information including a design brief, final plans and specifications prepared by KMK Consultants Limited.

For the purpose of this Certificate of Approval and the terms and conditions specified below, the following definitions apply:

1. "*Act*" means the Ontario Water Resources Act, R.S.O. 1990, Chapter 0.40, as amended;

2. "*Certificate*" means this entire certificate of approval document, issued in accordance with Section 53 of the *Act*, and includes any schedules;

3. "*Director*" means any *Ministry* employee appointed by the Minister pursuant to section 5 of the *Act*;

4. "*Ministry*" means the Ontario Ministry of the Environment;

6. "*Owner*" means City of Hamilton and includes its successors and assignees; and

9. "*Works*" means the sewage works described in the *Owner*'s application, this *Certificate* and in the supporting documentation referred to herein, to the extent approved by this *Certificate*.

You are hereby notified that this approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. GENERAL PROVISIONS

1.1 The *Owner* shall ensure that any person authorized to carry out work on or operate any aspect of the *Works* is notified of this *Certificate* and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.

1.2 Except as otherwise provided by these Conditions, the *Owner* shall design, build, install, operate and maintain the *Works* in accordance with the description given in this *Certificate*, the application for approval of the works and the submitted supporting documents and plans and specifications as listed in this *Certificate*.

1.3 Where there is a conflict between a provision of any submitted document referred to in this *Certificate* and the Conditions of this *Certificate*, the Conditions in this *Certificate* shall take precedence, and where there is a conflict between the listed submitted documents, the document bearing the most recent date shall prevail.

1.4 Where there is a conflict between the listed submitted documents, and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.

1.5 The requirements of this *Certificate* are severable. If any requirement of this *Certificate*, or the application of any requirement of this *Certificate* to any circumstance, is held invalid or unenforceable, the application of such requirement to other circumstances and the remainder of this *Certificate* shall not be affected thereby.

2. EXPIRY OF APPROVAL

2.1 The approval issued by this *Certificate* will cease to apply to those parts of the *Works* which have not been constructed within five (5) years of the date of this *Certificate*.

3. OPERATION AND MAINTENANCE

3.1 The *Owner* shall exercise due diligence in ensuring that, at all times, the *Works* and the related equipment and appurtenances used to achieve compliance with this *Certificate* are properly operated and maintained. Proper operation and maintenance shall include effective performance, adequate funding, adequate operator staffing and training, including training in all procedures and other requirements of this *Certificate* and the *Act* and regulations, adequate laboratory facilities, process controls and alarms and the use of process chemicals and other substances used in the *Works*.

3.2 The *Owner* shall maintain the operations manual current and retain a copy at the location of the *Works* or Operation Centre for the operational life of the *Works*. Upon request, the *Owner* shall make the manual available to *Ministry* staff.

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is imposed to ensure that the *Works* are built and operated in the manner in which they were described for review and upon which approval was granted. This condition is also included to emphasize the precedence of Conditions in the *Certificate* and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review. The condition also advises the *Owners* their responsibility to notify any person they authorized to carry out work pursuant to this *Certificate* the existence of this *Certificate*.

2. Condition 2 is included to ensure that, when the *Works* are constructed, the *Works* will meet the standards that apply at the time of construction to ensure the ongoing protection of the environment.

CONTENT COPY OF ORIGINAL

3. Condition 3 is included to require that the *Works* be properly operated, maintained, funded, staffed and equipped such that the environment is protected and deterioration, loss, injury or damage to any person or property is prevented. As well, the inclusion of a comprehensive operations manual governing all significant areas of operation, maintenance and repair is prepared, implemented and kept up-to-date by the *Owner* and made available to the *Ministry*. Such a manual is an integral part of the operation of the *Works*. Its compilation and use should assist the *Owner* in staff training, in proper plant operation and in identifying and planning for contingencies during possible abnormal conditions. The manual will also act as a benchmark for *Ministry* staff when reviewing the *Owner*'s operation of the *Works*.

This Certificate of Approval revokes and replaces Certificate(s) of Approval No. 3-1042-87-886 issued on January 11, 1988.

In accordance with Section 100 of the Ontario Water Resources Act, R.S.O. 1990, Chapter 0.40, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 101 of the Ontario Water Resources Act, R.S.O. 1990, Chapter 0.40, provides that the Notice requiring the hearing shall state:

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the works are located;

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
2300 Yonge St., Suite 1700
P.O. Box 2382
Toronto, Ontario
M4P 1E4

AND

The Director
Section 53, *Ontario Water Resources Act*
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca**

The above noted sewage works are approved under Section 53 of the Ontario Water Resources Act.

DATED AT TORONTO this 25th day of January, 2008

Zafar Bhatti, P.Eng.
Director
Section 53, *Ontario Water Resources Act*

AA/
c: District Manager, MOE Hamilton - District
Mani Ruprai, P. Eng., KMK Consultants Limited

From: Stephanie Lewis <stephaniel@g2sconsulting.com>
Sent: June 8, 2021 3:05 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: TSSA Search Request- Stoney Creek

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

Good afternoon,

Could I please have the following addresses located in Stoney Creek searched for TSSA records:

480, 504, 518, 522, 524, 526, 530 Winona Road
32, 33 Liuna Court

71 East Street

Thank you!

Stephanie Lewis
Project Manager

G2S Consulting Inc.
37 Sandiford Drive, Suite 411
Stouffville, Ontario
L4A 3Z2

Tel: 905-766-4054
Fax: 905-642-5999
Cell: 647-825-3685
stephaniel@g2sconsulting.com

RE: TSSA Search Request- Stoney Creek

PI

Public Information Services <publicinformationservices@ts

To Stephanie Lewis

Reply | Reply All | Forward | ...

Tue 2021-06-08 3:20 PM

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

NO RECORD FOUND

Hello Stephanie,

Thank you for your request for confirmation of public information.

- We confirm that there are no records in our database of any fuel storage tanks at the subject addresses:

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

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

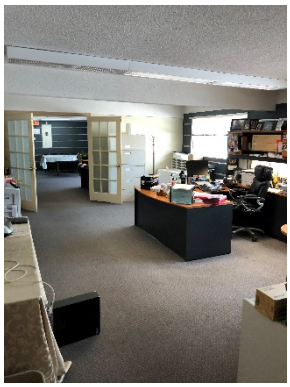
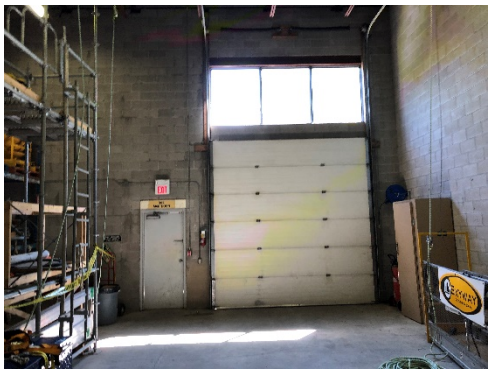
Kind regards,

Saara

Public Information Agent
Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

Appendix D:
Site Photos

Picture and Description	
Photo #1: East entrance to the Site, facing west, including banquet hall building and parking lot.	**Photo #2**: Storage building, parking lot and secans located to the south of the banquet hall/ training centre.
Photo #3: LiUNA training centre located in the eastern portion of the building.	**Photo #4:** Parking lot located to the northeast of the training centre, facing southwest.
Photo #5: Residential dwelling located at 530 Winona Road.	**Photo #6:** Residential dwelling located at 522 Winona Road.

Picture and Description	
Photo #7: Basement level located under the banquet hall.	**Photo #8:** Electrical room located in the basement of the banquet hall.
	
Photo #9: Banquet hall, located in the western portion of the building.	**Photo #10:** Second floor offices located above the banquet hall.
	
Photo #11: Kitchen located in the banquet hall.	**Photo #12:** Equipment bay located in the southern extent of the training centre.

Picture and Description	
Photo #13: Classroom located on the second floor of the training facility.	**Photo #14:** Storage buildings located on the northeast corner of the Site.
Photo #15: Interior of the storage building.	**Photo #16:** Small storage building and ASTs located on the north adjacent property, facing north.
Photo #17: Storage building located to the south of the banquet hall and garbage bins located of the north of the building.	**Photo #18:** Seacans located to the south of the storage building.

Picture and Description	
Photo #19: Small municipal sewage pump building including AST vent and fill pipes on the south adjacent property (524 Winona Road).	**Photo #20:** Interior of the residential dwelling located at 522 Winona Road.
Photo #21: Typical construction of the second-floor bedrooms.	**Photo #22:** Office space in the southeast portion of the building.