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Phase I Environmental Site Assessment 9 Valley Road and 1242, 1250, 1260, and 1270 Gordon Street, Guelph, Ontario

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ES 1. EXECUTIVE SUMMARY

As requested by The Tricar Group (Tricar or the Client), XCG Consulting Limited (XCG) conducted a Phase I Environmental Site Assessment (ESA) at the five properties municipally addressed as 9 Valley Road, and 1242, 1250, 1260, and 1270 Gordon Street in Guelph, Ontario (collectively referred to as the subject property or site). It is XCG's understanding that Tricar has requested the Phase I ESA for the support of an official plan and zoning by-law amendment submission.

The subject site consists of four residential properties and a commercial property. The property municipally identified as 9 Valley Road is a small rectangular property that is approximately 0.14 hectares (0.34 acres) in size and is a vacant lot. The property municipally identified as 1242 Gordon Street is a rectangular property that is approximately 0.60 hectares (1.47 acres) in size and is a vacant lot containing two sheds. The property municipally identified as 1250 Gordon Street is an irregular shaped property that is approximately 1.20 hectares (2.97 acres) in size and is a vacant lot. The property municipally identified as 1260 Gordon Street is a rectangular property that is approximately 1.19 hectares (2.94 acres) in size and is a vacant lot. The property municipally identified as 1270 Gordon Street is a rectangular property that is approximately 0.20 hectares (0.5 acres) and is occupied by one commercial building.

The purpose of the Phase I ESA was to identify, through a non-intrusive investigation, the existence of any actual or potential sources of significant contamination associated with the subject property. Based on discussions with the Client, and XCG's understanding of Tricar's environmental risk tolerance, significant contamination means environmental site impairment issues that would affect the future use of the property for residential purposes.

The Phase I ESA was conducted in general accordance with Canadian Standards Association (CSA) Standard Z768-01 (Phase I Standard) for conducting ESAs. The Phase I ESA included a review of historical records, a subject site visit, interviews with persons knowledgeable of historic and current subject site operations, document reviews, and inquiries with regulatory agencies.

Based on the results of the Phase I ESA, including the site visit, information provided by persons knowledgeable of the subject property, records reviewed, the historical review of the subject property, and pending receipt and review of additional information as identified herein, no actual or potential sources of significant contamination were identified to be associated with the subject site.

The following area of actual soil impact was identified at the subject site:

Previous Investigations

A focussed soil quality investigation was conducted at the subject site by XCG in 2018. As part of this investigation, soil samples were collected from the vicinity of a burn pit and empty fuel oil containers located at 1260 Gordon Street. Analytical results indicated that one surficial soil sample contained concentrations of total xylenes above



the current Ministry of the Environment, Conservation and Parks $(MECP)^1$ Site Condition Standards (SCS); however, it appeared that the soil impacts were localized and did not extend beyond 0.5 metres below ground surface (bgs). These soil impacts were not interpreted to represent a source of significant environmental impact and could be addressed through excavation and off-site disposal at the time of the site redevelopment activities.

ES 1.1 Other Considerations

Designated Substances and Special Attention Items

Due to the age of the residential building located at 1270 Gordon Street (circa 1970s), it may contain hazardous building materials such as asbestos-containing materials (ACMs), lead-based paints, and/or mercury. These substances normally do not affect the day-to-day occupancy as long as building materials are in good condition, but become an important consideration if renovation (or demolition) is planned that may expose the hazardous materials.

¹ Previously also known as the Ministry of the Environment (MOE), Ministry of the Environment and Energy (MOEE), and the Ministry of Environment and Climate Change (MOECC). Currently known as the Ministry of the Environment, Conservation and Parks (MECP).



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FIGURE

Figure 1	Site and Surrounding Land Use Plan	end of text
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Appendix A	Qualifications of XCG Project Personnel
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1. INTRODUCTION

1.1 Project Understanding, Purpose, and Use

As requested by The Tricar Group (Tricar or the Client), XCG Consulting Limited (XCG) conducted a Phase I Environmental Site Assessment (ESA) at the five properties municipally addressed as 9 Valley Road, and 1242, 1250, 1260, and 1270 Gordon Street in Guelph, Ontario (collectively referred to as the subject property or site). It is XCG's understanding that Tricar has requested the Phase I ESA for the support of an official plan and zoning by-law amendment submission. A site location and surrounding land use plan is shown on Figure 1.

The purpose of the Phase I ESA was to identify, through a non-intrusive investigation, the existence of any actual or potential sources of significant contamination associated with the subject property. Based on discussions with the Client, and XCG's understanding of Tricar's environmental risk tolerance, significant contamination means environmental site impairment issues that would affect the future use of the property for redevelopment purposes.

This Phase I ESA is not a compliance audit. Furthermore, XCG understands that this Phase I ESA will not be used to support the filing of a Record of Site Condition (RSC) for the subject property in accordance with Ontario Regulation (O. Reg.) 153/04 (as amended).

The Phase I ESA was conducted in general accordance with Canadian Standards Association (CSA) Standard Z768-01 (Phase I Standard) for conducting environmental site assessments. The Phase I ESA included a review of historical records, a subject site visit, interviews with persons knowledgeable of historic and current subject site operations, document reviews, and inquiries with regulatory agencies.

1.2 Scope of Work

There are mandatory requirements to just meet the Phase I Standard, as well as several enhancements (which are listed as optional or helpful tasks, which may be agreed upon between the Client and Assessor). The Phase I Standard requires that the scope of any enhancements desired by the client be defined. Tricar requested that a standard Phase I ESA be conducted for the subject properties.

The following tasks were conducted during the Phase I ESA:

- 1. Records Review
 - Aerial Photographs;
 - Property-Use Records (e.g. city directories);
 - Prior Investigations/ESAs:
 - XCG Consulting Limited, "Phase I Environmental Site Assessment, 9 Valley Road and 1242, 1250 and 1260 Gordon Street, Guelph, Ontario," dated April 5, 2018.



- XCG Consulting Limited, "Focussed Soil Quality Investigation, 9 Valley Road and 1242, 1250 and 1260 Gordon Street, Guelph, Ontario," dated April 24, 2018.
- Environmental Databases;
- Company Records, including if available, site plans, building plans, permit records, production and maintenance records, asbestos surveys, site utility drawings, emergency response and contingency plans, spill reporting plans and records, inventories of chemicals and their usage (e.g. WHMIS), environmental monitoring data, waste management records, inventory of underground and aboveground tanks;
- Geological and geotechnical reports, if available; and
- Regulatory Agency Records, including past, pending, outstanding, or continuing prosecutions, citations, control orders, third party complaints, violations of environmental statutes, regulations, by-laws, and/or permits.

2. Site Visit

Conducting a site visit comprised of the following:

- Inspecting the site and observing adjacent properties from the subject sites and public areas;
- Identifying and describing the potable water supply source;
- Identifying visual and suspected areas of surface and subsurface contamination;
- Identifying probable cut and fill operations that may have required that fill of unknown quality be deposited on the subject properties;
- Identifying and describing aboveground and underground storage tanks (ASTs and USTs), other storage containers, odours;
- Identifying neighbouring land uses (i.e. sensitive neighbours, as well as potential off-site contamination, which may impact the subject properties);
- Identifying chlorofluorocarbons (CFCs) in use, including air conditioning and refrigeration equipment that may use CFCs;
- Identifying possible asbestos-containing materials (ACMs) and urea formaldehyde foam insulation (UFFI);
- Identifying potential polychlorinated biphenyl (PCB)-containing electrical capacitors and transformers;
- Identifying potential lead-based paints;
- Identifying water damage and visible suspect mould;
- Listing other hazardous materials, including wastes, and their relative quantities, types of containers, and storage conditions;



- Inspecting the interior of structures for evidence of contamination (this included observing heating and cooling systems for emissions and wastes, stains, floor cracks, sumps and drains, hydraulic hoists, and elevators); and
- Inspecting the exterior of structures for indications of contamination, (including the roof, if accessible), topographic, geographic, and hydrogeologic conditions observed, general description of the structures, wells, sewage disposal, pits, and lagoons, stressed vegetation, wastewater discharge, watercourses, ditches, and standing water, roads, parking facilities, and rights-of-way

3. Interviews

- Contacting the Ministry of the Environment, Conservation and Parks (MECP, or the Ministry)² (because it is the main jurisdiction over environmental matters at these locations) to determine whether they are aware of any environmental issues in the area that would negatively impact the subject properties and the Technical Standards and Safety Authority (TSSA), Fuel Safety Division (FSD) (regarding fuel storage on-site and on adjacent properties); and
- Conducting interviews with persons knowledgeable about the subject sites and neighbouring properties.

4. Evaluation of Information and Reporting

Preparation of a report documenting the findings, including the following:

- Site location map and a site layout plan showing key features of the properties neighbours, roads, and areas of potential environmental concern (if any);
- Discussion of the history of the properties (with emphasis on activities that may have caused environmental impacts);
- Identification and discussion of the significance of visual or suspected areas of contamination, hazardous materials, or other potential environmental concerns; and
- Description of the general geological and hydrogeological conditions in the area of the sites (from available public sources and from site-specific information obtained during the site visit).

The following tasks were not conducted during the Phase I ESA:

• Documentation requested from the MECP through the Freedom of Information (FOI) process had not yet been received as of the date of this report, therefore the review of this information has not yet been completed. Once received, the information will be reviewed and any relevant information will be forwarded to Tricar.

² Previously also known as the Ministry of the Environment (MOE), Ministry of the Environment and Energy (MOEE), and the Ministry of Environment and Climate Change (MOECC).



1.3 Methodology

The site visits were conducted by Ms. Ciara Leigh and Ms. Andrea Fried of XCG on June 8, 2021. During the site visit, XCG completed a walk-through of the subject site, as well as a review of relevant site records made available to XCG, visual observations of adjacent properties as viewed from the subject site and surrounding public roadways.

Ms. Leigh and Ms. Fried were accompanied during the site visit by Mr. Bowen Reid, the occupant of 1270 Gordon Street, and employee of The Tricar Group, who has been familiar with the property since 2021. Additional information related to the subject site was provided via email communication with Mr. Chris Leigh, Director of Construction & Development with The Tricar Group who has been familiar with the subject site since 2018. Senior technical advice and a quality assurance review for this Phase I ESA was provided by Mr. Kristian Peter. Summaries of the qualifications of Ms. Leigh, Ms. Fried, and Mr. Peter are provided in Appendix A.

In addition to Mr. Reid and Mr. Leigh mentioned above, the following individuals and agencies were contacted for information concerning the subject property and surrounding area:

- Public Information Agent, Technical Standards and Safety Authority;
- Ms. Sunita Kapoor, Information Coordinator, Opta Environmental Services (Opta);
- Mr. Vincent Yau, Report Analyst, Environmental Risk Information Services (ERIS); and
- MECP, FOI Office, Toronto.



2. SITE INFORMATION

2.1 Site Location and Description

2.1.1 **Property and Structures**

For the purposes of this report, Gordon Street is oriented in a northwest-southeast direction. The subject site bordered by Gordon Street to the south, and Valley Road to the northwest. At the time of the site visit, 9 Valley Road, 1242 Gordon Street, 1250 Gordon Street, and 1260 Gordon Street were vacant lots previously occupied by single family residential buildings that were demolished between one and two years ago. The commercial building at 1270 was occupied by a Tricar employee, Mr. Bowen Reid.

The site and surrounding properties are shown on Figure 1.

A summary of the physical description of the subject properties, including the on-site structures is provided in the table below.

Property Features	Findings	Source
Site Legal Description	9 Valley Road: PIN: 715050352 1242 Gordon Street: PIN: 715050445	Guelph GeoDataHub XCG Phase I, 2018
	1250 Gordon Street: PIN: 715050446 1260 Gordon Street: PIN: 715050447 1270 Gordon Street: PIN: 715050448	
Ownership	The Tricar Group	Site personnel
Site Area	 9 Valley Road: 0.14 hectares (0.34 acres) 1242 Gordon Street: 0.60 hectares (1.47 acres) 1250 Gordon Street: 1.20 hectares (2.97 acres) 1260 Gordon Street: 1.19 hectares (2.94 acres) 1270 Gordon Street: 0.20 hectares (0.5 acres) 	Guelph GeoDataHub XCG Phase I, 2018
Number of Buildings	1242 Gordon Street: Two sheds 1270 Gordon Street: Commercial/residential building.	Observation.
Approximate Building Footprint	1270 Gordon Street: 130 square metres (1,421 square feet)	Measured from Guelph GeoDataHub
Approximate year of Construction and Significant Additions or Renovations	1270 Gordon Street: 1970s	Information provided by site personnel. Aerial photographs.
Number of Floors	<u>1270 Gordon Street</u> Commercial Building: One	Observation.
Subsurface Levels (basements/crawl spaces, etc.)	1270 Gordon Street Commercial Building: Basement	Observation.
Exterior Construction Materials	<u>1270 Gordon Street</u> Residential Dwelling: Brick and vinyl siding	Observation.

Summary of Property and Structure Features



Property Features	Findings	Source
Roof Construction12MaterialsResh	270 Gordon Street esidential Dwelling: Peaked wooden truss with asphalt hingles	Observation.
Interior Construction12MaterialsReco	270 Gordon Street esidential Dwelling: Drywall and ceiling, carpet, poured oncrete floors.	Observation.
Exterior Surfaces of the Site (paved, landscaped, bare ground, etc.)12 po po soi wi ocThe StrThe StrStrStrFree Str	270 Gordon Street: The building occupied the southwest ortion of the property. The northeast portion of the roperty is predominately grass covered. The centre to outheast portion of the property is predominately paved vith a parking lot. The southeast corner of the property is ccupied by a landscaped garden. he southwest portions of 1242, 1250 and 1260 Gordon treet were occupied by grassed areas and gravel areas com previous building demolition activities. The central ortions of 1250 Gordon Street were predominately ccupied by tall grass and low shrubs. There was a treeline ocated in the central portion of 1250 Gordon Street that xtended from the northwest to southeast portion of this roperty. The northeast portions of 1250 and 1260 Gordon treet were predominately trees and grasses. Tree lines xtended along the interior property lines between 1242, 250, 1260, and 1270 Gordon Street. The northwest portion of 9 Valley Road was occupied by paved asphalt area. The remainder of the property was	Observation.

2.1.2 Utility Services

Electricity is supplied by Guelph Hydro via overhead wires to 1270 Gordon Street.

Heating for 1270 Gordon Street is provided by a natural gas-fired forced air furnace located in the basement of the residence. Air conditioning is supplied through a central air conditioning unit.

Municipal potable water is supplied to 1270 Gordon Street. Site personnel were not aware of any potable water supply wells on these properties.

At the time of the site visit, 9 Valley Road, 1242 Gordon Street, 1250 Gordon Street, and 1260 Gordon Street were vacant lots that were formerly occupied by single family residential dwellings.

Review of the 2018 XCG Phase I ESA report indicates that these residential dwelling were provided with overhead hydro. The buildings at 9 Valley Road and 1242 Gordon Street were heated with natural gas fired furnaces; while the dwellings at 1250 and 1260 Gordon Street were heated with fuel oil-fired furnaces. At the time of the 2018 site visit, a fuel oil AST was observed in the basement of 1250 Gordon Street, while the AST had been removed from the basement of 1260 Gordon Street. No evidence of spills or releases were observed by XCG at that time in the vicinity of the oil-fired furnaces in these two building. Based on discussions with Tricar personnel, the AST in the basement of 1250 Gordon Street was decommissioned and removed from the subject site prior to the building demolition activities.



Municipal potable water was provided to 1242, 1250, and 1260 Gordon Street and potable water was supplied to 9 Valley Road by a private well located in the east portion of this property. All four residential dwellings were serviced by private septic systems comprised of septic tanks and leaching beds. Based on information provided by Tricar personnel, following demolition of the site buildings, the septic systems were abandoned in place.

2.2 Site Setting

An overview of the geology and hydrogeology of the site and surrounding area is provided below in order to assist in the evaluation of the potential for contaminant migration. Site setting information was obtained from sources as referenced.

Site Setting	Findings	Source	
Topography of Site and Surrounding Area	The subject site is generally flat, with a slope down to the southwest (towards Gordon Street) on the southwestern portions of 1242, 1250, 1260 and 1270 Gordon Street.	Observation.	
Site Grade Relative to Adjacent Properties	The subject site is graded slightly lower than adjacent properties to the north, higher than adjacent properties to the south, and evenly with the properties to the east and west.	Observation.	
On-Site Surface Water and flow patterns	Surface water is expected to flow overland to the property boundaries, Gordon Street, or infiltrate the grassed areas.	Observation.	
Fill Materials	Significant fill material is not expected to be present at 9 Valley Road, and 1242, 1250, 1260 and 1270 Gordon Street. Existing soil on-site was used to fill in the basement and surrounding demolition areas of the buildings at 9 Valley Road, and 1242, 1250, and 1260 Gordon Street at the time of demolition. (9 Valley Road – August 2019; 1260 Gordon Street – April 2019; 1242 and 1250 Gordon Street – August 2020)	Information provided by Site personnel. Observation.	
Subsurface Soil (and depth if available)	Port Stanley Till (Ontario-Erie lobe): silt to sandy silt matrix becoming silt to silty clay near Lake Erie. Strongly calcareous, moderate to low cast content decreasing southward.	Map 2556 entitled "Quaternary Geology of Ontario – Southern Sheet," Ministry of Northern Development and Mines (1991).	
Bedrock Type (and depth if available)	Predominantly sucrosic and fossiliferous dolostones of the Guelph Formation. "Limestone" (likely dolostone) was encountered at 19.2 metres bgs, in a monitoring well drilled approximately 150 metres west of the subject site in 1962. The data from this well is supported by numerous other nearby monitoring wells with bedrock depths at approximately 20 metres bgs.	Map 2544 entitled "Bedrock Geology of Ontario – Southern Sheet," Ministry of Northern Development and Mines (1991). XCG Phase I, 2018 MECP Water Well Records.	

Summary of Site and Surrounding Area Geology and Hydrogeology



SITE INFORMATION

Site Setting	Findings	Source	
Nearest Surface Water Body	There are wetlands to the north and south of the subject site. A tributary of Hanlon's Creek is located approximately 350 metres south of the subject site.	XCG Phase I, 2018 Observation, Google Earth, Atlas of Canada Toporama.	
Inferred Depth to Groundwater	Water was found at 4.19 metres below ground surface (bgs) in a domestic well approximately 40 metres to the west of the subject site.	XCG Phase I, 2018 MECP Water Well Records.	
Inferred Shallow Groundwater Flow Direction	Based on the local topography and location of water bodies, groundwater flow is expected to flow to the southwest toward the Hanlon's Creek. The direction of shallow groundwater flow may be locally influenced by roadways, buried utilities, and geology.	Interpreted based on local topography and proximity to water courses.	
Nearest Water Well	According to the 2018 Phase I report a domestic supply well was located on the northwest portion of 9 Valley Drive, however no records were available for this well. The nearest water well with records is located approximately 40 metres to the west of the subject site and was installed in 1962. The general stratigraphy encountered in this well included sandy clay to a depth of 4.6 metres bgs, underlain by clay to a depth of 19.2 metres bgs, underlain by grey limestone to a depth of 38.1 metres bgs, underlain by hard black rock to the termination of the well at 48.1 metres bgs.	XCG Phase I, 2018 MECP Water Well Records.	
Nearest Water Supply Well	Same as nearest water well.	XCG Phase I, 2018 MECP Water Well Records.	
Other Pertinent Features (e.g. Gas/oil wells)	None.		



3.1 Property Title Search

Search of the property title records were not completed as part of this Phase I ESA.

3.2 City Directories

At the time of the 2018 Phase I ESA, city directory information for the subject property and surrounding area was provided by LGI from Vernon's Guelph, Ontario City Directory for the years 1959 to 2011, not inclusive. XCG did not conduct a city directory search as part of this Phase I ESA, however, any changes to the adjacent properties were noted during the site visit. A copy of the LGI City Directories search is included in Appendix B.

The table below provides a list of historical occupants at the subject site and directly adjacent sites as summarized in the 2018 Phase I ESA.

Location	Occupancy Date	Listed Occupant		
9 Valley Road				
Subject Site	1959 to 1964	Address not listed		
	1970 to 1994-1995	Residential		
	2000-2001	Residential		
		Marilyn's Hair Design		
	2001 to 2006	Address not listed		
	2011	No return		
1242 Gordon Street (su	ıbject site)			
Subject Site	1959 to 1964	Address not listed		
	1970 to 2011	Residential		
1250 Gordon Street (su	ıbject site)			
Subject site	1959 to 1964	Address not listed		
č	1970 to 2006	Residential		
	2011	No return		
1260 Gordon Street (subject site)				
Subject Site	1959 to 1964	Address not listed		
l	1970 to 2011	Residential		
1270 Gordon Street (su	ibject site)			
Subject Site	1959 to 1964	Address not listed		
	1970	Residential		
		Hilltop China & Gifts Ltd.		
	1975 to 1994-1995	Hilltop China & Gifts Ltd.		
	2000-2001 to 2011	Monte's Place Ltd.		
1221 Gordon Street				
Adjacent Property	1959 to 1964	Address not listed		
	1970	Residential		
	1975	Residential		
		Melnik's Giftware		
	1980 to 2011	Residential		
1228 Gordon Street				

Summary of City Directories Reviewed



Location	Occupancy Date	Listed Occupant
Adjacent Property	1959 to 1964	Address not listed
	1970 to 2011	Residential
1231 Gordon Street		
Adjacent Property	1959 to 1964	Address not listed
	1970 to 1980	Residential
	2005-2006	Tony Mecca Masonry
	1985 to 2000-2001, 2011	No return
1236 Gordon Street		
Adjacent Property	1959 to 1964	Address not listed
	1970 to 1990-1991	Residential
	1994-1995	No return
	1995 to 2011	Residential
1274 Gordon Street		
Adjacent Property	1959 to 1964	Address not listed
	1980 to 1985	Refused
	2000-2001	No return
	1970 to 1975, 1990-1991	Residential
	to 1994-1995, 2005 to	
	2011	
1280 Gordon Street	1	
Adjacent Property	1959 to 2011	Address not listed
1288 Gordon Street		
Adjacent Property	1959 to 1964	Address not listed
	1970	Veri Fruit & Veg
	1975 to 2011	Residential
1291 Gordon Street	1	
Adjacent Property	1959 to 2011	Address not listed
11 Valley Road	1	
Adjacent Property	1959 to 1964	Address not listed
	1990-1991	No return
	1970 to 1990, 1994-1995	Residential
	to 2011	
15 Valley Road, Units #	1, 3, 5, 7, 9, 11, 13, 15, 17, 1 9	
Adjacent Property	1959 to 2006	Address not listed
	2011	No individual designations available
		Townhouses

3.3 Fire Insurance Plans (FIPs)

Fire insurance plans (FIPs) assist in the identification of historic land use and commonly indicate the existence and location of ASTs, USTs, structures, improvements, and facility operations. XCG contacted Opta as part of the 2018 Phase I ESA to search for FIPs for the subject site and surrounding properties. Opta indicated at that time no FIPs were available for the subject site and surrounding lands. XCG confirmed with Opta as part of this Phase I ESA that no FIPs were available for review. Correspondence with Opta is included in Appendix B.

3.4 Property Underwriters' Reports and Plans

XCG contacted Opta as part of the 2018 Phase I ESA to search for available Property Underwriters' Inspection Reports (PURs) and Plans for the subject property. Opta indicated that there were no PURs and Plans available for the subject site and/or any neighbouring properties within 250 metres. XCG confirmed with Opta as part of this



Phase I ESA that no additional PURs or Plans were available for review. Correspondence with Opta is included in Appendix B.

3.5 Aerial Photographs

Aerial photographs were reviewed to generally document the development of the sites and properties in the vicinity of the sites, and to identify potential on-site solid waste disposal areas. In 2018, XCG reviewed aerial photographs dated 1930, 1951, 1969, 1975, 1990, 2006, 2009, 2013, and 2017. As part of this Phase I ESA, XCG also reviewed an online aerial photograph from 2019.

Date (Scale)	Subject Site Description	Surrounding Area Comments
1930 (1:20,000)	The subject site appears to be undeveloped and part of an agricultural field.	Surrounding area is exclusively agricultural land. A road (currently Gordon Street) is visible to the southwest of the subject site.
1951 (1:40,000)	The subject site appears to be in stages of development, soil on the southwestern portion of the site along Gordon Street appears to be disturbed. However, due to the scale and clarity of the aerial image specific details could not be discerned.	To the northeast and southwest of the subject site along Gordon Street, the properties appear to be developed with residential dwellings. However, due to the scale and clarity of the aerial image specific details could not be discerned.
1969 (1:40,000)	The subject site appears to be developed with residential dwellings along the southwestern portion of the property. However, due to the scale and clarity of the aerial image specific details could not be discerned.	 North: North of the subject site is predominantly forest. Northwest: There appears to be numerous small, residential buildings to the northwest of the subject site. West: A larger building appears to be located to the west of the subject site, on the west corner of Gordon Street and Edinburgh Road South. Southeast: There appears to be numerous small, residential buildings to the North northwest of the subject site. South: Vacant agricultural farmland.
1975 (1:25,000)	Similar to 1969.	Similar to 1969.
1990 (1:50,000)	Similar to 1975. However, due to the scale and clarity of the aerial image specific details could not be discerned.	Similar to 1975. However, due to the scale and clarity of the aerial image specific details could not be discerned.
2006 (online)	Similar to 1990, the subject site appears to be developed with four residential dwellings on the southwestern portion of the subject site along Gordon Street. There appears to be a small shed on the northwestern portion of the subject site on the property municipally addressed 1242 Gordon Street. At the property municipally address 1250 Gordon Street there appears to be a covered structure to the east of	Similar to 1990, a property further to the southeast of the subject site appears to be developed with a large residential building, and parking lot.

Summary of Aerial Photographs Reviewed



Date (Scale)	Subject Site Description	Surrounding Area Comments
	the residential dwelling. The property with the municipal address 9 Valley Road appears to be developed with a residential building, and detached garage. The southern and northern boundary of the subject site appears to be tree covered. The central portion appears to be grassed field.	
2013 (online)	Similar to 2006, the southern portion of the subject site appears to be more densely tree covered.	Similar to the 2009.
2017 (online)	Similar to 2013, at the property municipally addressed 9 Valley Road there appears to be a material storage pile on the southeast side of the detached garage and a small deck in the central portion of the property. At the property municipally addressed 1242 Gordon Street there appears to be a material storage pile at the east corner of the residential dwelling. At the property municipally addressed 1250 Gordon Street there appears to be material storage piles along the northeast and southeast sides of the residential dwelling, on the northern portion of the property there appears to be a material storage pile on the grassed area. At the property municipally addressed 1260 Gordon Street there appears to be debris throughout the southern portion of the property, with piles to the southeast of the residential dwelling, and in the central portion of the property.	Similar to 2013, with the following exceptions: West: A residential apartment building has been constructed on the western corner of Gordon Street and Edinburgh Road South. Southeast: A residential apartment building has been constructed on the adjacent property to the southeast of the subject site.
2019 (online)	Similar to 2017, at the property municipally addressed at 1250 Gordon Street, the residential building appeared to have been demolished. Due to tree cover, specific details could not be discerned.	Similar to 2017.

No actual evidence of potential on-site solid waste disposal areas were identified on the reviewed aerial photographs. Material storage piles and debris were noted in the 2017 aerial photograph, with evidence of debris observed during the 2021 site visit; however, the observed debris was not considered a source of significant impact to the subject site. In addition, no evidence of buried waste was observed at the subject site.

3.6 Previous Investigation and Assessment Reports

The following previous environmental reports for the subject site were available for review by XCG:



XCG Consultants Ltd., "Phase I Environmental Assessment, 9 Valley Road and 1242, 1250, and 1260 Gordon Street, Guelph, Ontario," dated March 21, 2018

The 2018 Phase I ESA was completed for The Tricar Group to document the conditions of the property for due diligence purposes prior to the potential purchase of the subject site.

The overall conclusion of the Phase I ESA was that there were actual and potential sources of contamination in connection with the subject property as follows:

- Small portable gasoline containers were observed on-site at 1250 Gordon Street. Retail-sized containers of diesel fuel conditioner were observed around a burn pit on-site at 1260 Gordon Street. It is possible that the surficial soil of the subject site has been impacted.
- A pile of wood debris and an old burn pile were observed on-site at 1260 Gordon Street. The burn pile and various material burned may represent a significant source of impact to the surficial soil of the subject site.

XCG Consultants Ltd., "Focussed Soil Quality Investigation, 9 Valley Road and 1242, 1250, and 1260 Gordon Street, Guelph, Ontario," dated April 24, 2018

The 2018 Focussed Soil Quality Investigation (the Investigation) was completed for The Tricar Group to investigate areas of potential concern identified during the completion of the Phase I ESA. As part of the Investigation, a total of four soil samples were collected from the vicinity of the gasoline containers at 1250 Gordon Street and the burn pit located at 1260 Gordon Street. Soil samples were submitted for chemical analysis of metals, petroleum hydrocarbons (PHCs – F1 to F4 Fractions), benzene, toluene, ethylbenzene, and xylenes (BTEX) and polycyclic aromatic hydrocarbons (PAHs).

Review of the analytical results indicated that total xylenes were detected at one surficial soil sample location in the vicinity of the burn pile at a concentration marginally above the current MECP site condition standards (SCS) for residential land use in a potable groundwater condition. A soil sample collected from a deeper sample interval [1.5 to 2.1 metres below ground surface(bgs)] contained total xylene concentrations below the laboratory reportable detection limit, as well as below the MECP SCS.

XCG interpreted the elevated concentration of xylenes in the surface soil sample as an isolated occurrence, with impacts anticipated to be limited to the immediate vicinity of the burn pit and not expected to extend beyond a depth of 0.5 metres bgs. XCG also indicated that the detected soil impacts could be addressed through excavation and appropriate off-site disposal during future site development activities. As such, XCG does not interpret the soil impacts detected in the vicinity of the burn pile to represent a source of significant environmental concern.

3.7 Environmental Databases

XCG contacted ERIS to conduct a search of available federal, provincial, and private environmental databases for the subject site and surrounding 250 metres. Based on the location of the subject site, the database searches were completed to assist in the



identification of environmental conditions at the subject site and on adjacent properties. A summary of actual or potential sources of contamination identified to be associated with the subject property is provided in the following table. The significance of the identified actual or potential sources was evaluated based on the details of the database information provided, the separation distance from the subject property, and location relative to the subject property based on the inferred direction of groundwater flow (up-gradient/down-gradient). The database search report is included in Appendix B.

Occupant(s)	Potential Sources of Contamination	Data Source Reference	Evaluation of Significance				
1280 & 1284 Gordon Street – Adjacent property east and south of subject site (cross-gradient)							
WSCC 248	Registered as a hazardous waste	O. Reg. 347	Not considered a potential				
	generator of waste petroleum-based	Waste Generators	source of significant				
	oils/sludges from 2020 to 2021.	Summary	contamination to the subject site,				
			due to the cross-gradient				
			location in relation to the subject				
			site.				
15 Valley Road – Adjacent property northwest of the subject site (up to cross-gradient)							
Union Gas	Spill of unknown quantity of natural	Ontario Spills.	Not considered a potential				
Limited	gas to the atmosphere. Environmental		source of significant				
	impact to air confirmed. 2014.		contamination to the subject site,				
			due to release being to air.				
1200 Gordon St	reet Tank Truck (Cargo) – approxima	tely 85 metres north	west (cross to down-gradient)				
Boehmers Fuel	Spill of small quantity of furnace oil	Ontario Spills.	Not considered a potential				
	to land. No clean-up conducted.		source of significant				
	Environmental impact to vegetation		contamination to the subject site,				
	possible. 1993.		due to the small quantity of				
			release and the separation				
			distance in relation to the subject				
			site.				
60 Arkell Road	#22 – approximately 90 metres southea	ast (down-gradient)					
N/A	Pipeline hit. Unknown impacts. No	Pipeline Incidents	Not considered a potential				
	further information provided. 2017.		source of significant				
			contamination to the subject site,				
			due to the separation distance				
			and down-gradient location in				
			relation to the subject site.				

Summary of Actual or Potential Sources of Contamination Associated with the Subject Property Based on Database Searches

3.8 Regulatory Agency Records

XCG has submitted a request to the MECP under the FOI Act for information regarding any past complaints, violations, and/or MECP directives concerning the subject sites. Typically, the MECP takes approximately eight to 12 weeks to process a file search. Once received, the MECP file search will be reviewed by XCG and any relevant information will be forwarded to Tricar under separate cover.

A customer service advisor with the TSSA reported to XCG that the TSSA database contained no records for the subject site.



4. SITE VISIT

On June 8, 2021, Ms. Ciara Leigh and Ms. Andrea Fried of XCG visited the buildings and related properties that comprise the subject site. At the time of the site visit, 9 Valley Road, 1242 Gordon Street, 1250 Gordon Street, and 1260 Gordon Street were vacant lots, previously occupied by residential dwellings that were demolished over a year ago. The commercial building at 1270 was occupied by a Tricar employee, Mr. Bowen Reid, who granted access to the premises.

During the site visit, XCG completed a walk-through of the properties and on-site structures comprising the subject site, review of relevant site records made available to XCG, visual observations of adjacent properties as viewed from the subject sites and surrounding public roadways.

Key features of the subject properties, including the surrounding neighbouring properties, are illustrated on Figure 1. Photographs taken during the site visit are provided in Appendix D.

4.1 Site Operations

At the time of the site visit, 9 Valley Road, 1242 Gordon Street, 1250 Gordon Street, and 1260 Gordon Street were vacant lots that were previously occupied by single family residential dwellings. The property at 1270 Gordon Street was occupied by a commercial building that was being occupied for residential purposes. The property at 1270 Gordon Street had previously operated as a flower shop.

4.2 Stormwater

Based on observations made during the site visit, the stormwater runoff is collected off the asphalt roof into eavestroughs and discharges directly onto the ground surface via exterior drainpipes and follows the grade to stormwater drains located on Gordon Street.

Site personnel were not aware of any sampling and chemical analysis of the stormwater from the subject site, or any stormwater quality concerns associated with the subject sites or on-site operations. No evidence of additional potential sources of adverse impact to stormwater quality at the subject sites was observed by XCG during the site visit.

4.3 Floor Drains, Pits, and Sumps

The presence of floor drains, pits, and sumps was investigated by XCG through observations made during the site visit. At the time of the site visit, no floor drains or pits were observed within the subject buildings. A sump was observed in the basement of 1270 Gordon Street. The sump appeared to be in good condition and no odours around the sump were noted. Tricar personnel indicated the sump pump discharges directly to the municipal storm sewer system.

4.4 Wastewater/Sewers

Based on discussions with site personnel and observations made by XCG, wastewater currently generated at 1270 Gordon Street is expected to be limited to domestic



wastewaters from the building's washrooms and sinks. According to site personnel, wastewater and sanitary waste is discharged to municipal sanitary sewers.

Site personnel were not aware of any monitoring of the sanitary sewer effluent by any government agency or any infractions of the sewer use by-law pertaining to site operations.

During the site visit of the 2018 XCG Phase I ESA, the observations for wastewater/sewers were as follows:

Based on observations made by XCG, wastewater was generated at 9 Valley Road, 1242, and 1250 Gordon Street was expected to be limited to domestic wastewaters from the buildings' washing machines, washrooms, and sinks. All wastewater generated at the subject site was discharged to the septic systems associated with each residential dwelling. 1260 Gordon Street was unoccupied, and no wastewater was generated; however, historic wastewater would have been limited to domestic wastewater from washing machines, washrooms, and sinks. Based on information provided by Tricar personnel, as part of the building demolition activities, the septic tanks were removed from the site and the leaching beds were abandoned in place.

4.5 Underground Storage Tanks (USTs)

Based on discussions with site personnel and observations made by XCG at the time of the site visit, no physical evidence suggesting the presence of any on-site USTs (e.g. vent pipes, fill pipes, etc.) was observed by XCG. Based on discussion with Tricar personnel, no active or inactive USTs are known to exist at the subject property, with the exception of the septic tanks discussed above.

XCG contacted the TSSA to obtain information with respect to the potential storage of petroleum fuels on the subject property and to determine if there have been any infractions of Provincial regulations concerning the storage of petroleum or associated products. A customer service advisor with the TSSA reported to XCG that the TSSA database did not have any USTs registered at the subject site.

4.6 Aboveground Storage Tanks (ASTs)

Based on discussions with site personnel and observations made during the site visit, there are no ASTs located at the subject site.

There are no ASTs currently located at 9 Valley Road or 1242, 1250, or 1260 Gordon Street. At the time of the 2018 XCG Phase I ESA, 1250 Gordon Street contained one active AST located in the south corner of the basement, and the dwelling was heated by oil. The tank was filled and maintained by UPI Energy FS. Vent and fill pipes connected the tank to the outdoors. The AST and concrete floor beneath it appeared to be in good condition. No staining or evidence of any spills/releases was present. Based on information provided by Tricar personnel, this AST was decommissioned and removed prior to the demolition of the building in August 2020.

Based on the information provided in the XCG 2018 Phase I ESA report, a fuel oil AST was removed from the basement of 1260 Gordon Street, vent and fill pipes were visible along the outside of the southwest side of the dwelling. Tags on the fill pipes



indicated that the most recent inspection occurred in 2007. Site personnel confirmed at that time that heating had previously been provided to the dwelling by a fuel oilfired furnace. XCG observed the area in the basement where the fuel oil AST was historically located with minor staining visible on the concrete floor, however the floor appeared to be in good condition with no visible cracks.

At the time of the site visit, no other physical evidence suggesting the presence of ASTs was observed by XCG.

4.7 Chemicals/Raw Materials Use and Storage

Based on discussions with site personnel and observations made by XCG during the site visit, chemicals currently used and stored at 9 Valley Road, or 1242, 1250, 1260, and 1270 Gordon Street are limited to:

- Cleaning supplies;
- Small portable cans of gasoline and diesel; and
- Retail sized containers of motor oil.

At the time of the site visit, cleaning supplies was observed at 1270 Gordon Street. Portable gasoline containers were observed disposed of in a debris pile located at 1250 Gordon Street. Numerous disposed retail-sized containers of motor oil were observed around the burn pile located on the central portion of 1260 Gordon Street.

The focussed soil quality investigation conducted by XCG in 2018 determined that minor soil impacts were present in the vicinity of the burn pile located at 1260 Gordon Street; however, these impacts were not interpreted to represent a source of significant contamination.

4.8 Chemical Spills/Releases

According to site personnel, no significant spills or releases have ever occurred at the sites. As discussed in Section 4.7, numerous overturned fuel oil conditioner canisters were located around a burn pit on the subject property. No evidence of any other significant surface staining indicative of historic releases was observed on interior or exterior surfaces inspected by XCG.

4.9 Solid Waste

Based on discussions with site personnel and observations made by XCG at the time of the site visit, solid wastes generated at the subject site consist of general household waste and recycling from 1270 Gordon Street. Solid waste and recycling are picked up by the City of Guelph on a regular basis.

At the time of the site visit, piles of debris (wood, stone, plastic, fabric, glass, furniture, etc.) were observed on the exterior surfaces of the subject site. The piles of debris were observed throughout properties 1242, 1250, and 1260 Gordon Street. XCG did not observe any evidence of on-site solid waste burial. Based on the nature of the debris it is not interpreted to represent a source of significant impact to the subject site, however the material will need to be appropriately disposed of off-site.



One pile of wood debris located at 1260 Gordon Street appeared to be an old burn pile. As discussed in Section 4.7, numerous fuel oil conditioner canisters were also located around the burn pit area. However, based on the analytical results from the focussed soil quality investigation conducted by XCG in 2018, the burn pile was not identified as a source of significant contamination at the subject site.

4.10 Fill Materials

Fill material composition and source location are considerations in determining whether environmental concerns are present. Based on discussions with site personnel, after the demolition of the buildings at 9 Valley Road, 1242, 1250 and 1260 Gordon Street, existing soil on-site was used to fill in around the basement and demolition area. Significant fill material is not expected to be present at 1270 Gordon Street. To the best of their knowledge, site personnel were unaware of any fill material imported onto the subject site. XCG did not observe any evidence that fill material was present at 1270 Gordon Street.

4.11 Hazardous/Subject Waste Management

According to site personnel, and a review of the MECP's Hazardous Waste Information Network (HWIN) database searched by ERIS, the subject site is not registered as a hazardous waste generator.

Site personnel were not aware of any on-site disposal of regulated or hazardous waste. As discussed in Section 4.7, numerous fuel oil conditioner canisters were observed near a burn pit on the property. No evidence of other on-site regulated or hazardous waste disposal was observed by XCG at the time of the site visit.

4.12 Air Emissions

According to site personnel and observations made by XCG, air emission sources at the subject site are limited to a natural gas-forced air heating unit and central air conditioning unit in the building at 1270 Gordon Street.

Based on review of the 2018 XCG Phase I ESA report, air emission sources operated at the subject site included the natural gas water boilers at 9 Valley Road and 1242 Gordon Street. Sources also included oil-fired furnaces/forced air systems found in 1250 Gordon Street. 1260 Gordon Street historically had an oil-fired furnace/forced air system which may have been an air emission source as well.

According to site personnel and observations made by XCG at the time of the site visit, the historical and current air emission sources are not interpreted as potential sources of soil and/or groundwater impact on the subject properties.

4.13 Designated Substances and Special Attention Items

4.13.1 Asbestos Containing Materials (ACMs)

The presence of ACM at the subject site was investigated through observations made by XCG and through discussions with site personnel. Site personnel indicated that an asbestos survey has not been conducted at the subject site to his knowledge. Due to the age of the residential building at 1270 Gordon Street (circa 1970s), there is



potential for ACMs to be present on-site. Possible ACMs noted during the site visit include plaster, and window caulking.

No intrusive investigations were conducted by XCG to examine areas of concealed space for the presence of ACM and, as such, additional potential or actual ACM may be present in areas not accessible to XCG during the site visit.

4.13.2 Polychlorinated Biphenyls (PCBs)

According to site personnel and based on XCG's observations, no PCBs are known to be used or stored on the subject site.

During the site visit, fluorescent lights were not observed.

4.13.3 Lead-Based Paints

The presence of lead-based paints at the subject site was investigated through observations made by XCG and through discussions with site personnel.

Site personnel were unaware of a lead-based paint survey having been conducted at the subject site. Due to the age of the building at 1270 Gordon Street (circa 1970s), there is a potential for lead-based paints being present on site. Potential lead-based paints were observed throughout the buildings. Painted surfaces were observed to be in good condition.

4.13.4 Ozone Depleting Substances – Chlorofluorocarbons

According to site personnel and observations made by XCG during the site visit, equipment containing CFCs identified at the subject sites consisted of a refrigerator and central air conditioning unit located in the building at 1270 Gordon Street. The refrigerator is not interpreted to represent a potential significant environmental impairment liability.

4.13.5 Urea Formaldehyde Foam Insulation (UFFI)

The presence of UFFI at the subject sites was investigated through observations made by XCG and through discussions with site personnel.

Due to the age of the building at 1270 Gordon Street (circa 1970s), there is a potential for UFFI being present on site. Site personnel were unaware of an UFFI survey or monitoring for the presence of formaldehyde vapours having been conducted at the subject sites. No obvious/potential UFFI was observed at the subject sites.

No intrusive investigations were conducted by XCG to examine areas of concealed space for the presence of UFFI and, as such, additional potential or actual UFFI may be present in areas not accessible to XCG during the site visit.

4.13.6 Mercury

The presence of mercury at the subject sites was investigated through observations made by XCG and through discussions with site personnel.

Site personnel were unaware of any significant amounts of mercury being present at the subject sites. Thermostats may contain mercury, but are not interpreted to represent a potential significant environmental impairment liability in their current condition.



4.13.7 Mould and Water Damage

The presence of possible mould at the subject site was investigated through visual observations made by XCG and through discussions with site personnel.

Site personnel indicated that no visible mould or water damage had occurred at the subject sites to their knowledge. No potential visible mould was observed by XCG. No intrusive investigations were conducted by XCG to examine areas of concealed space and no sampling for mould or destructive investigations (e.g. cutting drywall to inspect wall cavities) was conducted. As such, additional potential or actual mould may be present in areas not accessible to XCG during the site visit.

4.14 Ionizing Radiation and Radon Gas

No radiation sources were observed by XCG during the site visit, and none were reported by site personnel. Site personnel were unaware of any radon gas testing having been conducted at the subject sites.

4.15 Adjacent Property Use

The properties adjacent to the subject sites were visually inspected, without accessing the properties, for evidence of existing or potential environmental concerns related to the Phase I ESA. Historical operations conducted on the adjacent properties were previously discussed in Section 3.

The following presents a summary of observations made by XCG with regard to the current operations and land uses on the adjacent properties.

Location	Property Use/ Occupant	Observations	Elevation Relative to Subject Site			
Adjacent property to the north – Valley Road (up-gradient)						
15 Valley Road	Multi-tenant residential condos.	21 individual residential building units with individual driveways.	Slightly higher elevation than the subject site.			
1236 Gordon Street	Residence	Single family residence.				
11 Valley Road	Residence	Single family residence.				
Adjacent properties to the east – Gordon Street (down-gradient)						
1280 & 1284 Gordon Street	Liberty Square Condos	Two multi-floor residential apartment buildings. One large, shared parking lot through the centre of the property and extending behind the back of the northeast building of the property.	Slightly lower elevation than the subject site.			
Adjacent property to the south – Across Gordon Street (cross-gradient)						
1291 Gordon Street	Solstice Condos	Multi-floor residential apartment building located on the northwest corner of Gordon St. and Edinburgh Rd. S. One large, shared parking lot is found at the north and west of the property.	The property is slightly higher in elevation than the subject site.			

Summary of Adjacent Current Property Use



SITE VISIT

Location	Property Use/ Occupant	Observations	Elevation Relative to Subject Site		
Adjacent property to the west – Across Gordon Street (cross-gradient)					
1231 Gordon Street	Solstice 2 Condos	Multi-floor residential condo building located on the southwest corner of Gordon St. and Edinburgh Rd. S. One large, shared parking lot is found at the southeast of the property. The north of the property is predominantly empty grasses and trees.	Slightly lower elevation than the subject site.		



5. LIMITATIONS AND CONCLUSIONS

5.1 Limitations

This Phase I ESA was prepared in general accordance with the CSA Phase I ESA Standard Z768-01. This Phase I ESA focuses on identifying sources of actual and potential significant contamination on the subject property and it is not a compliance audit. Based on discussions with the Client, and XCG's understanding of The Tricar Group's environmental risk tolerance, significant contamination means environmental site impairment issues that would affect the future use of the property for residential purposes.

The findings and conclusions regarding contamination of the subject property provided in this report are based solely on the extent of observations and information gathered during the Phase I ESA. As such, XCG cannot be held responsible for environmental conditions at the property that were not apparent from the available information.

This Phase I ESA is not a compliance audit and is not intended to be a detailed audit of all past or current operations. No sampling or chemical analysis of air, soil, water, or other material was undertaken as part of this assessment. As such, detailed building inspections and subsurface investigations in subsequent phases or studies may encounter conditions not apparent at this time.

The scope of this report is limited to the matters expressly covered. This report is prepared for the sole benefit of Tricar for the support of an official plan and zoning by-law amendment submission for the subject site and may not be relied upon by any other person or entity without the written authorization of XCG Consulting Limited. Any use or reuse of this document (or the findings and conclusions represented herein), by parties other than those listed above, is at the sole risk of those parties.

5.2 Conclusions

Based on the results of the Phase I ESA, including the site visit, information provided by persons knowledgeable of the subject property, records reviewed, the historical review of the subject property, and pending receipt and review of additional information as identified herein, no actual or potential sources of significant contamination were identified to be associated with the subject site.

The following area of actual soil impact was identified at the subject site:

Previous Investigations

A focussed soil quality investigation was conducted at the subject site by XCG in 2018. As part of this investigation, soil samples were collected from the vicinity of a burn pit and empty fuel oil containers located at 1260 Gordon Street. Analytical results indicated that one surficial soil sample contained concentrations of total xylenes above the current MECP SCS; however, it appeared that the soil impacts were localized and did not extend beyond 0.5 metres bgs. These soil impacts were not interpreted to represent a source of significant environmental impact and could be addressed through excavation and off-site disposal at the time of the site redevelopment activities.



LIMITATIONS AND CONCLUSIONS

5.3 Other Considerations

Designated Substances and Special Attention Items

Due to the age of the residential building located at 1270 Gordon Street (circa 1970s), it may contain hazardous building materials such as ACMs, lead-based paints, and/or mercury. These substances normally do not affect the day-to-day occupancy as long as building materials are in good condition, but become an important consideration if renovation (or demolition) is planned that may expose the hazardous materials.



6. **REFERENCES**

- 1. Canadian Standards Association, 2001. Phase I Environmental Site Assessment Z768-01.
- 2. Ministry of Northern Development and Mines, Map 2556, entitled "Quaternary Geology of Ontario: Southern Sheet," 1991.
- 3. Ministry of Northern Development and Mines, Map 2544, entitled "Bedrock Geology of Ontario Southern Sheet," 1991.
- 4. ERIS Ltd., "Database Report, 5-2705-23-01, 1250 Gordon Street, Guelph ON, N1L1H2, Standard Report", June 1, 2021.
- 5. Vernon "Guelph, Ontario, City Directories", 1959 to 2011.
- 6. "Map: Well records." Ontario.ca. N.P., 08 Feb. 2016. Web. 4 May 2014.
- "The Atlas of Canada Toporama." Government of Canada, Natural Resources Canada, Earth Sciences Sector, Canada Centre for Mapping and Earth Observation. N.P., N.D. Web. 4 May. 2017. <u>http://atlas.nrcan.gc.ca/toporama/en/index.html</u>
- 8. Guelph GeoDataHub. City of Guelph, n.d. Web. 2018.
- 9. Aerial Photographs from 1930, 1951, 1969, 1975, 1990, 2006, 2009, 2013, and 2016, XCG's aerial photograph library and Google Earth.



FIGURE

FIGURE

5-2705-23-01/R527052301001.docx





APPENDICES

APPENDIX A QUALIFICATIONS OF XCG PROJECT PERSONNEL

5-2705-23-01/R527052301001.docx



Ms. Fried joined XCG in April of 2021. Her areas of specialization include groundwater, surface water, and soil monitoring.

Education

- Honours Bachelor of Environmental and Resource Sciences, Trent University, 2018
- Environmental Technician Diploma, Fleming College, 2020
- Environmental Technology Diploma, Fleming College, 2021
- Continuing Education:
 - Ontario Benthic Biomonitoring Network (OBBN) Certification, 2020
 - OSHA 40-hour Hazardous Waste Operations & Emergency Response (HAZWOPER), 2021
 - Working at Heights Training Fall Protection, 2021
 - Workplace Hazardous Materials Information Systems (WHIMIS), 2021

Project Experience

Phase I/II Environmental Site Assessments (ESAs)

- Completed Phase I Environmental Site Assessments (ESA) in accordance with the Canadian Standard Association (CSA) Phase I ESA Standard Z768-01. Completed site visits, historical review of information related to subject sites and neighbouring properties, contacting regulatory authorities, and report preparation.
- Supervised the advancement of boreholes and installation of monitoring wells, and prepared soil and groundwater samples for lab analysis, with strict adherence to QA/QC protocols and chain of custody procedures.
- Completed field data collection, analysis, and interpretation of field sampling events for groundwater monitoring and soil sampling.
- Experience conducting groundwater sampling for contaminants including metals, petroleum hydrocarbon compounds (PHCs), volatile organic compounds (VOCs), and polycyclic aromatic hydrocarbons (PAHs).

Assisted with the removal and proper disposal of pesticide contaminated soils, documented and assessed contaminant delineation, and conducted confirmatory sampling events.

Environmental Monitoring Experience

- Experience conducting surface water monitoring for hydrological components such as velocity, discharge and bank width and sampling for general water quality.
- Conducted field sampling for water parameters such as chloride and phosphate.
- Experienced working in an environmental laboratory setting conducting water sampling for parameters such as total dissolved solids (TDS), total suspended solids (TSS), and heavy metals.



Ms. Cardiff joined the XCG Consulting Limited team in 2008. Her areas of specialization include environmental site assessments (ESAs), designated substances and hazardous materials surveys (DSHMS), indoor air sampling, and groundwater and soil remediation.

Education

- Bachelor of Environmental Studies, Honours Geography, University of Waterloo, 2000
- Environmental Technologist Diploma, Sir Sandford Fleming College, 2007
- Ecosystem Management Technician Diploma, Sir Sandford Fleming College, 2007
- Continuing Education:
 - 40-Hour OSHA Hazardous Waste General Site Worker Course. Annual 8-Hour OSHA Refresher Training. (2009)
 - Workplace Hazardous Materials Information System (WHMIS) (2018)
 - USEPA 24-Hour Asbestos Inspector Initial Training Course. Annual 4-Hour Refresher Training. (2013)

Project Experience

Environmental Site Assessment Experience

- Conducted Phase I ESAs of over 300 different residential, commercial, and industrial properties, including retail fuel
 outlets, manufacturing facilities, commercial plazas, vacant and agricultural land, etc. The Phase I ESAs included site
 visits, a review of historical information related to the site and neighbouring properties, contacting regulatory authorities
 and report preparation. Phase I ESAs have been conducted in Ontario, New Brunswick, Alberta, and British Columbia.
- Environmental Site Assessor of over 10 Phase One ESAs in accordance with Ontario Regulation (O. Reg.) 153/04 (as amended) for the purpose of obtaining a Record of Site Condition (RSC), including one with a decommissioned and partially remediated retail fuel outlet.

Phase II Investigations Experience

- Conducted field work subsequent to removal of fuel oil underground storage tanks (USTs), including soil and groundwater sampling, and supervising removal of impacted soil from the excavation.
- Conducted Phase II ESA field work, including soil and groundwater sampling and surveying.
- Conducted field work supervision, including the drilling of boreholes and the installation of monitoring wells at industrial and commercial properties. In some cases, geophysical surveys were completed to support Phase II ESAs.

Environmental Remediation Experience

- Conducted groundwater sampling and groundwater treatment system sampling for Ontario School Boards' Insurance Exchange (OSBIE) and Durham District School Board (DDSB).
- Maintained data collected during field activities and prepared annual reports provided to DDSB and regulatory agencies.
- Assisted with and supervised in-situ remediation of groundwater.

Air Quality Sampling Experience

- Conducted indoor air quality monitoring and sampling for volatile organic compounds (VOCs) at over 10 different commercial and industrial properties.
- Conducted soil vapour and sub-slab sampling for VOCs.

DSHMS Experience

• Conducted over 100 surveys for potential asbestos and lead containing materials in accordance with O. Reg. 278/05, as well as polychlorinated biphenyls (PCBs) and other designated substances.



- Conducted over 10 mould surveys and investigations including bulk materials sampling, indoor air quality sampling, and overseeing mould remediation.
- Conducted a mould and indoor air quality survey at Upper Canada College in Toronto.
- Conducted a mould and indoor air quality survey at a residential dwelling suspected as previously growing marijuana.
- Supervised removal of mould-impacted building materials and conducted air sampling for mould at two Federal prisons.
- Supervised removal of asbestos-containing building materials and conducted clearance air sampling.

Other Work Experience

- Conducted base flow measurements and surface water sampling for several rivers. Created flow rating curves for rivers in Excel using data collected in the field.
- Conducted several Environmental Impact Assessments for land severances including significant woodland, significant wetland and fish habitat assessments.



Mr. Peter joined the XCG team in September 2007 and possesses more than 18 years of experience. His areas of specialization include environmental site assessments (ESAs), and groundwater and soil remediation.

Education

- University of Guelph, Environmental Engineering, 1999
- Continuing Education:
 - 40-Hour OSHA Hazardous Waste Site Worker training course (per CFR 1910.120)
 - Confined Space Entry Training Course
 - Transport of Dangerous Goods Training Course

Professional Affiliations

- Registered Professional Engineer of Ontario (P.Eng.)
- Registered Professional Engineer of Alberta (P.Eng.)
- Recognized as Qualified Person Environmental Site Assessment (QP_{ESA}) by Ontario Ministry of the Environment (MOE)

Project Experience

Environmental Site Assessment Experience

- Phase I ESA of over 100 different vacant, residential, commercial, and industrial properties. Project management of more than 80 Phase I ESAs at industrial, commercial, residential, and vacant properties.
- Preparation of numerous Phase II ESA work programs and cost estimates. Management, supervision and coordination of
 Phase II ESAs at industrial and commercial facilities including geophysical surveys, borehole drilling, test pit excavation,
 monitoring well and soil gas probe installation, soil, soil gas, surface water, and groundwater sampling, sewer sampling, data
 assessment, and reporting.
- Coordination and collection of sanitary and storm sewer samples to ensure compliance with applicable Sewer Use By-laws at numerous industrial facilities in southern Ontario.
- Collection, analysis, and interpretation of sewer flow measurement data, including confined space entry at three furniture manufacturing facilities in Concord, Ontario.

Remediation/Construction Experience

- Coordination and supervision of several emergency-based fuel spill clean-up projects in southwestern Ontario.
- Supervision of excavation and disposal of metal-impacted soil and construction activities at a former chemical manufacturing and storage facility.
- Coordination and supervision of installation of groundwater collection trench at an industrial facility in Whitby, Ontario.
- Management, coordination, and supervision of underground storage tank (UST) closures at numerous industrial facilities throughout southern Ontario.
- Preparation of engineering cost estimates, preparation of contract document, contract administration, and coordination of closure by abandonment-in-place of two USTs at an industrial facility in Toronto, Ontario.
- Preparation of engineering cost estimates, preparation of contract document, contract administration, and coordination
 of closure of aboveground storage tank (AST) at industrial facility in Exeter, Ontario.
- Coordination and supervision of excavation and disposal of metal-impacted soils at industrial facility in Stoney Creek, Ontario.


- Coordination and supervision of excavation and disposal of solvent impacted soil and installation of groundwater remediation system at dry cleaning operation in Guelph, Ontario.
- Preparation and implementation of a Remedial Action Plan (RAP) for an industrial facility in Guelph, Ontario impacted with metals, petroleum hydrocarbons (PHCs), volatile organic compounds (VOCs), and polynuclear aromatic hydrocarbons (PAHs) related to historic industrial operations. The RAP included excavation of impacted soil and insitu placement of solid amendment to treat VOC-impacted soil and groundwater, as well as installation of permeable reactive barrier along upgradient property boundary to prevent on-site migration of contaminants. Mr. Peter was involved in the coordination of field activities, daily interaction with remedial contractor and liaisons with the client and the Ontario MOE local district office and municipal officials.
- Preparation and implementation of a RAP for a former elementary public school in Delta, Ontario related to the historic release of fuel oil that had migrated onto several neighbouring residential properties. The RAP included utilizing an existing groundwater pump-and-treat system in conjunction with Waterloo Emitters™ to enhance bioremediation of PHC impacts in groundwater. Additional remedial activities at the site have included injection of liquid activated carbon amendment to subsurface to enhance natural degradation of dissolved phase impacts on downgradient residential properties. Mr. Peter was involved in the coordination of field activities including groundwater sampling, reporting requirements, and liaisons with the MOE district office.
- Preparation and implementation of a RAP for an industrial facility in Waterloo, Ontario impacted with VOCs related to historic industrial operations. The RAP included the emplacement of amendment through hydraulic fracturing techniques to promote reducing conditions within the shallow water-bearing unit and promoting reductive dechlorination of impacts. Subsequent injections of additional liquid amendment into fracture network was complete to further promote reducing conditions and promote additional degradation of impacts. Final aspects of the RAP included the excavation of impacted soil to allow for the filing of a Record of Site Condition. Mr. Peter was involved in the coordination of field activities including groundwater sampling, reporting requirements, and liaisons with the MOE district office.
- Design and implementation of the remedial program including removal of in-ground hydraulic hoists at heavy truck
 maintenance facility, remedial excavation activities, and installation of infiltration gallery to facilitate future remedial
 amendment injection activities.

Record of Site Condition Experience

- Involved in the completion of several record of site condition (RSC) submissions in accordance with Ontario Regulation (O. Reg.) 153/04, as amended at a former industrial property in Guelph, Ontario.
- Involved in the completion of RSC submission in accordance with O. Reg. 153/04, as amended at former industrial property in Baden, Ontario.
- Conducted necessary investigations to complete RSC submission in accordance with O. Reg. 153/04, as amended for parcel of land to be transferred to Municipality of York for a proposed road widening.
- Completed all necessary investigative and remedial activities to file a RSC submission in accordance with O. Reg. 153/04, as amended to promote the redevelopment of a former dry cleaning facility for residential purposes in London, Ontario.
- Completed all necessary investigative and remedial activities to file a RSC submission in accordance with O. Reg. 153/04, as amended to promote the redevelopment of a former creamery facility for future residential purposes in New Hamburg, Ontario.
- Implementation of Risk Management Measures required as part of Certificate of Property Use (CPU) at several former industrial properties being redeveloped for residential purposes.



APPENDIX B ENVIRONMENTAL DATABASE SEARCH RESULTS

5-2705-23-01/R527052301001.docx



enviroscan



An SCM Company

175 Commerce Valley Drive W Markham, Ontario L3T 7Z3

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

Report Completed By:

Sunita

Site Address: 9 Valley Road Guelph ON Canada

Project No:

527052301 Opta Order ID: 91091

Requested by: Andrea Fried XCG Consulting Limited

Date Completed: 6/2/2021 7:51:16 AM



ENVIROSCAN Report

Opta Historical Environmental Services Enviroscan Terms and Conditions **Requested by:**



Project #: 527052301 P.O. #: 527052301

Andrea Fried Date Completed: 06/02/2021 07:51:16

ТΜ **Opta Historical Environmental Services Enviroscan Terms and Conditions**

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

Governing Document

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

Law

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



175 Commerce Valley Drive W

Markham, Ontario

L3T 7Z3

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Page: 4 Project Name: 527052301 ENVIROSCAN Report

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OPTA INFORMATION INTELLIGENCE

Project #: 527052301 P.O. #: 527052301 Andrea Fried Date Completed: 06/02/2021 07:51:16

Requested by:

No Records Found



enviroscan



An SCM Company

175 Commerce Valley Drive W Markham, Ontario L3T 7Z3

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

Report Completed By:

Sunita

Site Address: 1242 1250 1260 1270 Gordon Street Guelph ON Canada

Project No:

527052301 Opta Order ID: 91095

Requested by: Andrea Fried

XCG Consulting Limited

Date Completed: 6/3/2021 11:57:55 AM



ENVIROSCAN Report

Opta Historical Environmental Services Enviroscan Terms and Conditions Requested by:



Project #: 527052301 P.O. #: 527052301

Andrea Fried Date Completed: 06/03/2021 11:57:55

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Report

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Entire Agreement

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

Governing Document

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

Law

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



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Page: 4 Project Name: 527052301 ENVIROSCAN Report

No Records Found

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OPTA INFORMATION INTELLIGENCE

Project #: 527052301 P.O. #: 527052301 Andrea Fried Date Completed: 06/03/2021 11:57:55

Requested by:

No Records Found



DATABASE REPORT

Project Property:

Project No: Report Type: Order No: Requested by: Date Completed: 5-2705-23-01 1250 Gordon Street, Guelph Guelph ON N1L 1H2 5-2705-23-01 Standard Report 21052700151 XCG Consulting Limited June 1, 2021

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

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Executive Summary

Property Information:

Project Property:5-2705-23-011250 Gordon Street, Guelph Guelph ON N1L 1H2

5-2705-23-01

Coordinates:

Project No:

	Latitude:	43.5168938
	Longitude:	-80.2013443
	UTM Northing:	4,818,527.36
	UTM Easting:	564,548.89
	UTM Zone:	17T
Elevation:		1,122 FT
		341.86 M

Order Information:

Order No: Date Requested: Requested by: Report Type: 21052700151 May 27, 2021 XCG Consulting Limited Standard Report

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	1	1
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
СНМ	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	0	0
ECA	Environmental Compliance Approval	Y	0	4	4
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	4	5
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	Ŷ	0	0	0
FSTH	Fuel Storage Tank - Historic	Ŷ	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	2	2
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	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	Y	0	0	0
NCPL	(NATES) 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	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	2	2
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	1	42	43
		Total:	2	57	59

Executive Summary: Site Report Summary - Project Property

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	EHS		1250 Gordon St Guelph On Guelph ON N1L1H2	-/0.0	0.00	<u>22</u>
<u>4</u>	WWIS		1250 GORDON STREET GUELPH ON	SW/88.2	-0.25	<u>22</u>
			Well ID: 6715552			

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	GEN	WSCC 248	1280 & 1284 Gordon Street Guelph ON N1L 0N6	SSE/61.3	0.00	<u>23</u>
<u>2</u>	GEN	WSCC 248	1280 & 1284 Gordon Street Guelph ON N1L 0N6	SSE/61.3	0.00	<u>24</u>
<u>3</u>	WWIS		ON <i>Well ID:</i> 7317022	W/81.0	3.00	<u>24</u>
<u>5</u>	PINC	PIPELINE HIT - 1 ¼"	15 VALLEY RD,,GUELPH,ON,N1L 0H3,CA ON	NNW/91.0	-1.61	<u>25</u>
<u>5</u>	SPL	Union Gas Limited	15 Valley Rd Guelph ON	NNW/91.0	-1.61	<u>25</u>
<u>6</u>	WWIS		11 VALLEY RD. con 8 GUELPH ON <i>Well ID:</i> 7112830	WNW/95.8	1.67	<u>26</u>
<u>7</u>	WWIS		lot 5 con 8 ON <i>Well ID:</i> 6702575	WNW/119.9	0.95	<u>28</u>
<u>8</u>	CA	The Corporation of The City of Guelph	Landsdown Drive and Valley Drive Guelph ON	WNW/120.6	2.36	<u>30</u>
<u>8</u>	ECA	The Corporation of The City of Guelph	Landsdown Drive and Valley Drive Guelph ON N1H 3A1	WNW/120.6	2.36	<u>30</u>
<u>8</u>	ECA	The Corporation of The City of Guelph	Landsdown Drive and Valley Drive Guelph ON N1H 3A1	WNW/120.6	2.36	<u>31</u>
<u>9</u>	WWIS		lot 5 con 8 ON Well ID: 6702581	WNW/121.8	0.95	<u>31</u>
<u>10</u>	WWIS		lot 5 con 8 ON	WNW/124.6	0.95	<u>34</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 6702568			
<u>11</u>	WWIS		1274 GORDON ST. lot 6 con 5 GUELPH ON	S/139.4	-1.59	<u>37</u>
			Well ID: 6714853			
<u>12</u>	WWIS		1274*1288 GORDON ST. S GUELPH ON	SSE/143.4	-1.03	<u>38</u>
			Well ID: 7243775			
<u>13</u>	WWIS		lot 5 con 8 ON	W/153.8	3.19	<u>40</u>
			Well ID: 6702577			
<u>14</u>	WWIS		28 LANDSDOWN DR GUELPH ON	NNW/159.4	-4.59	<u>43</u>
			Well ID: 7278403			
<u>15</u>	WWIS		ON	WNW/161.4	2.00	<u>44</u>
			Well ID: 6700922			
<u>16</u>	WWIS		lot 5 con 8 ON	SSE/161.5	-1.66	<u>47</u>
			Well ID: 6702558			
<u>17</u>	WWIS		ON	NNW/167.9	-4.59	<u>51</u>
			Well ID: 7230082			
<u>18</u>	WWIS		lot 5 con 8 ON	WNW/169.0	2.00	<u>51</u>
			Well ID: 6702569			
<u>19</u>	WWIS		lot 5 con 8 ON	W/177.4	3.47	<u>54</u>
			Well ID: 6702566			
<u>20</u>	WWIS		lot 6 con 8 ON	S/180.4	-3.00	<u>57</u>
			Well ID: 6702586			
<u>21</u>	WWIS		1289 GORDON ST Guelph ON	SW/183.5	-6.36	<u>60</u>
			Well ID: 7341071			
<u>22</u>	WWIS		lot 5 con 8 ON	WNW/185.2	3.89	<u>61</u>
			Well ID: 6702563			
<u>23</u>	WWIS		lot 5 con 8 ON	WNW/187.6	3.89	<u>64</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 6702565			
<u>24</u>	ECA	2418958 Ontario Inc.	1211-1231 Gorden St Guelph ON N2V 2B5	WSW/192.2	-4.14	<u>66</u>
<u>25</u>	wwis		lot 6 con 8 ON	SSE/197.9	-2.69	<u>66</u>
			Well ID: 6702588			
<u>26</u>	EHS		28 Landsdown Dr Guelph ON N1L1H2	NW/198.5	-1.00	<u>70</u>
<u>27</u>	WWIS		1231 GORDON STREET Guelph ON	WSW/199.3	-4.59	<u>70</u>
			Well ID: 7232315			
<u>28</u>	WWIS		28 LANDSDOWN DR GUELPH ON	NNW/199.8	-7.00	<u>73</u>
			Well ID: 7278398			
<u>29</u>	WWIS		1211 GORDON ST GUEPLH ON	WSW/204.0	-4.59	<u>75</u>
			Well ID: 7244424			
<u>30</u>	EHS		1300 Gordon Street Guelph ON N1L 1H2	SSE/204.0	-1.97	<u>77</u>
<u>31</u>	WWIS		28 LANDSDOWN DR. BEHIND	NW/204.9	-5.05	<u>77</u>
			Well ID: 7233391			
32	WWIS			NW/205.2	-1.00	<u>80</u>
			ON Well ID: 6714327			
<u>33</u>	WWIS		26 LANDSDOWN DR. GUELPH ON	NNW/205.3	-7.31	<u>81</u>
			Well ID: 7233393			
<u>34</u>	ECA	Dunsire (Landsdown) Inc.	0, 24, 26 and 28 Landsdown Dr Part of Lots 6,9,10 and 13 Guelph ON L7L 6A5	NW/206.6	-1.00	<u>84</u>
<u>35</u>	WWIS		130 GORDON ST. GUELPH ON	SSE/207.4	-2.00	<u>84</u>
			Well ID: 7255103			
<u>36</u>	EHS		1300 Gordon St Guelph ON N1L1H2	SSE/209.0	-2.00	<u>87</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>37</u>	WWIS		1289 GORDON ST Guelph ON <i>Well ID:</i> 7341072	SSW/210.4	-7.00	<u>87</u>
<u>38</u>	WWIS		1300 GORDON STREET Guelph ON	SSE/210.9	-1.97	<u>88</u>
<u>39</u>	SPL	BOEHMERS FUEL	1200 GORDON STREET TANK TRUCK (CARGO) GUELPH CITY ON N1L 1H2	WNW/213.5	3.00	<u>91</u>
<u>40</u>	WWIS		lot 5 con 8 ON	WNW/213.7	1.59	<u>91</u>
<u>41</u>	WWIS		28 LANDSDOWN DR Guelph ON Well ID: 7279267	WNW/218.6	1.59	<u>94</u>
<u>42</u>	EHS		Guelph 1221 Gordon Street ON	W/218.8	-3.05	<u>97</u>
<u>43</u>	WWIS		lot 5 con 8 ON <i>Well ID:</i> 6702561	W/219.5	3.73	<u>97</u>
<u>44</u>	WWIS		ON <i>Well ID:</i> 6714329	NW/222.1	-1.00	<u>99</u>
<u>45</u>	WWIS		ON <i>Well ID:</i> 6714328	NW/226.3	0.24	<u>100</u>
<u>46</u>	WWIS		lot 5 con 8 ON	WNW/229.4	4.12	<u>101</u>
<u>47</u>	WWIS		1300 GORDON ST. GUELPH ON	SSE/230.1	-3.33	<u>104</u>
<u>48</u>	WWIS		28 LANDSDOWN DR GUELPH ON	NNW/232.6	-7.34	<u>107</u>
<u>49</u>	PINC	PIPELINE HIT - 1/2"	Well ID: 7278399 60 ARKELL ROAD#22,,GUELPH,ON,N1L 1G8,CA ON	ESE/233.0	-2.00	<u>108</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>50</u>	WWIS		ON Well ID: 6705234	WNW/235.1	0.24	<u>109</u>
<u>51</u>	WWIS		28 LANDSDOWN DR GUELPH ON Well ID: 7278402	NNW/235.5	-7.95	<u>112</u>
<u>52</u>	WWIS		lot 5 con 8 ON	WNW/240.1	0.75	<u>114</u>
<u>53</u>	WWIS		28 LANDSDOWN DRIVE GUELPH ON	NW/242.5	-6.58	<u>117</u>
<u>54</u>	WWIS		Well ID: 7278396 1211 GORDON ST GUELPH ON	W/242.8	-3.63	<u>118</u>
<u>55</u>	WWIS		Well ID: 7244425 lot 6 con 7 ON Well ID: 6710051	SSW/248.7	-7.77	<u>120</u>

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
The Corporation of The City of Guelph	Landsdown Drive and Valley Drive Guelph ON	WNW	120.61	<u>8</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Apr 30, 2021 has found that there are 4 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
The Corporation of The City of Guelph	Landsdown Drive and Valley Drive Guelph ON N1H 3A1	WNW	120.61	<u>8</u>
The Corporation of The City of Guelph	Landsdown Drive and Valley Drive Guelph ON N1H 3A1	WNW	120.61	<u>8</u>

Lower Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
2418958 Ontario Inc.	1211-1231 Gorden St Guelph ON N2V 2B5	WSW	192.24	<u>24</u>
Dunsire (Landsdown) Inc.	0, 24, 26 and 28 Landsdown Dr Part of Lots 6,9,10 and 13 Guelph ON L7L 6A5	NW	206.63	<u>34</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 5 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Highe	<u>r Elevation</u>	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
		1250 Gordon St Guelph On Guelph ON N1L1H2	-	0.00	1
12	erisinfo.com Enviro	onmental Risk Information Services			Order No: 21052700151

Equal/Higher Elevation	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
		Disastian	Distance (m)	Man Kay
	28 Landsdown Dr Guelph ON N1L1H2	NW	198.49	<u>Map Rey</u> <u>26</u>
	1300 Gordon Street Guelph ON N1L 1H2	SSE	204.00	<u>30</u>
	1300 Gordon St Guelph ON N1L1H2	SSE	209.05	<u>36</u>
	Guelph 1221 Gordon Street ON	W	218.75	<u>42</u>

<u>GEN</u> - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2021 has found that there are 2 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
WSCC 248	1280 & 1284 Gordon Street Guelph ON N1L 0N6	SSE	61.29	<u>2</u>
WSCC 248	1280 & 1284 Gordon Street Guelph ON N1L 0N6	SSE	61.29	<u>2</u>

<u>PINC</u> - Pipeline Incidents

A search of the PINC database, dated Oct 31, 2020 has found that there are 2 PINC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
PIPELINE HIT - 1 ¼"	15 VALLEY RD,,GUELPH,ON,N1L 0H3,CA ON	NNW	91.00	<u>5</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
BOEHMERS FUEL	1200 GORDON STREET TANK TRUCK (CARGO) GUELPH CITY ON N1L 1H2	WNW	213.49	<u>39</u>
Lower Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
Union Gas Limited	15 Valley Rd Guelph ON	NNW	91.00	<u>5</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 43 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	ON	W	80.96	<u>3</u>
	Well ID: 7317022			
	11 VALLEY RD. con 8 GUELPH ON	WNW	95.76	<u>6</u>
	Well ID: 7112830			
	lot 5 con 8 ON	WNW	119.89	<u>7</u>
	Well ID: 6702575			
	lot 5 con 8 ON	WNW	121.78	<u>9</u>
	Well ID: 6702581			
	lot 5 con 8 ON	WNW	124.56	<u>10</u>
	Well ID: 6702568			

49

Equal/Higher Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	lot 5 con 8 ON	W	153.83	<u>13</u>
	Well ID: 6702577			
	ON	WNW	161.45	<u>15</u>
	Well ID: 6700922			
	lot 5 con 8 ON	WNW	168.96	<u>18</u>
	Well ID: 6702569			
	lot 5 con 8 ON	W	177.43	<u>19</u>
	Well ID: 6702566			
	lot 5 con 8 ON	WNW	185.23	<u>22</u>
	Well ID: 6702563			
	lot 5 con 8 ON	WNW	187.56	<u>23</u>
	Well ID: 6702565			
	lot 5 con 8 ON	WNW	213.70	<u>40</u>
	Well ID: 6702576			
	28 LANDSDOWN DR Guelph ON	WNW	218.60	<u>41</u>
	Well ID: 7279267			
	lot 5 con 8 ON	W	219.51	<u>43</u>
	Well ID: 6702561			
	ON	NW	226.31	<u>45</u>
	Well ID: 6714328			
	lot 5 con 8 ON	WNW	229.40	<u>46</u>
	Well ID: 6702562			
	ON	WNW	235.13	<u>50</u>

Equal/Higher Elevation	Address Well ID: 6705234	<u>Direction</u>	Distance (m)	<u>Map Key</u>
	lot 5 con 8 ON	WNW	240.06	<u>52</u>

Well ID: 6702579

Lower Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	1250 GORDON STREET GUELPH ON	SW	88.23	<u>4</u>
	Well ID: 6715552			
	1274 GORDON ST. lot 6 con 5 GUELPH ON	S	139.41	<u>11</u>
	Well ID: 6714853			
	1274*1288 GORDON ST. S GUELPH ON	SSE	143.40	<u>12</u>
	Well ID: 7243775			
	28 LANDSDOWN DR GUELPH ON	NNW	159.36	<u>14</u>
	Well ID: 7278403			
	lot 5 con 8 ON	SSE	161.53	<u>16</u>
	Well ID: 6702558			
	ON	NNW	167.88	<u>17</u>
	Well ID: 7230082			
	lot 6 con 8 ON	S	180.41	<u>20</u>
	Well ID: 6702586			
	1289 GORDON ST Guelph ON	SW	183.50	<u>21</u>
	Well ID: 7341071			
	lot 6 con 8 ON	SSE	197.93	<u>25</u>
	Well ID: 6702588			
	1231 GORDON STREET Guelph ON	WSW	199.28	<u>27</u>

28 LANDSDOWN DR GUELPH ON	NNW	199.80	<u>28</u>
Well ID: 7278398			
1211 GORDON ST GUEPLH ON	WSW	203.99	<u>29</u>
Well ID: 7244424			
28 LANDSDOWN DR. BEHIND GUELPH ON	NW	204.89	<u>31</u>
Well ID: 7233391			
ON	NW	205.15	<u>32</u>
Well ID: 6714327			
26 LANDSDOWN DR. GUELPH ON	NNW	205.27	<u>33</u>
Well ID: 7233393			
130 GORDON ST. GUELPH ON	SSE	207.43	<u>35</u>
Well ID: 7255103			
1289 GORDON ST Guelph ON	SSW	210.38	<u>37</u>
Well ID: 7341072			
1300 GORDON STREET Guelph ON	SSE	210.92	<u>38</u>
Well ID: 7127206			
ON	NW	222.07	<u>44</u>
Well ID: 6714329			
1300 GORDON ST. GUELPH ON	SSE	230.06	<u>47</u>
Well ID: 7255104			
28 LANDSDOWN DR GUELPH ON	NNW	232.56	<u>48</u>
Well ID: 7278399			
28 LANDSDOWN DR GUELPH ON	NNW	235.47	<u>51</u>
Well ID: 7278402			

Well ID: 7232315

28 LANDSDOWN DRIVE GUELPH ON	NW	242.48	<u>53</u>
Well ID: 7278396			
1211 GORDON ST GUELPH ON	W	242.80	<u>54</u>
Well ID: 7244425			
lot 6 con 7 ON	SSW	248.74	<u>55</u>

Well ID: 6710051



Source: © 2015 DMTI Spatial Inc.

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Address: 1250 Gordon Street, Guelph, Guelph, ON

Source: ESRI World Imagery

Order Number: 21052700151

© ERIS Information Limited Partnership



80°13'30"W

80°10'30"W



Topographic Map

Order Number: 21052700151



Address: 1250 Gordon Street, Guelph, ON

Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

Detail Report

Map Key Numb Reco		r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		DB	
1	1 of 1		-/0.0	341.9/ 0.00	1250 Gordon St Guel Guelph ON N1L1H2	ph On	EHS	
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered		20180309021 C Standard Report 15-MAR-18 09-MAR-18			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -80.202544 43.51607		
<u>4</u>	1 of 1		SW/88.2	341.6 / -0.25	1250 GORDON STRE GUELPH ON	ET	WWIS	
Well ID: Construction Primary Wate Sec. Water US Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Method: Elevation Rel Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy.	Date: er Use: se: atus: ial: ial: liability: lrock: Bedrock: Level:): :	6715552 Not Used Abandone Z36461	d-Other https://d2khazk8e8	3rdv.cloudfront.ne	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	11/9/2005 Yes 2336 3 1250 GORDON STREET WELLINGTON GUELPH CITY		
<u>Bore Hole Info</u>	ormation							
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Dess Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sour Improvement	s: ted: rce Date: Location	11327338 u all layers a 10/11/2005 Source:	are unknown type		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	338.414855 17 564497 4818456 UTM83 4 margin of error : 30 m - 100 m wwr		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
 Improvement Source Revisi Supplier Com	Location Method: ion Comment: ment:				
<u>Overburden a</u> <u>Materials Inte</u>	<u>nd Bedrock</u> rval				
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3 Mat3 Desc:	: n Material:	933035735 1			
Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	0 27 ft			
<u>Annular Space</u> Sealing Recor	<u>e/Abandonment</u> r <u>d</u>				
Plug ID: Layer: Plug From: Plug To: Plug Depth U0	ОМ:	933280697 1 27 25 ft			
<u>Annular Space</u> Sealing Recor	<u>e/Abandonment</u> r <u>d</u>				
Plug ID: Layer: Plug From: Plug To: Plug Depth U0	ОМ:	933280696 2 25 0 ft			
<u>Method of Col Use</u>	nstruction & Well				
Method Const Method Const Method Const Other Method	truction ID: truction Code: truction: Construction:	966715552 B Other Method			
<u>Pipe Informati</u>	ion				
Pipe ID: Casing No: Comment: Alt Name:		11342193 1			
2	1 of 2	SSE/61.3	341.9 / 0.00	WSCC 248 1280 & 1284 Gordon Street Guelph ON N1L 0N6	GEN
Generator No. Status: Approval Yea	CON3301 Register rs: As of Ju	1022 red JI 2020		PO Box No: Country: Canada Choice of Contact:	

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erisinfo.com | Environmental Risk Information Services

Order No: 21052700151

Мар Кеу	Number o Records	of Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Contam. Facil MHSW Facility SIC Code: SIC Descriptic	ity: /: on:			Co Admin: Phone No Admin:		
<u>Detail(s)</u>						
Waste Class: Waste Class L	Desc:	251 L Waste oils/sludges	(petroleum based)			
2	2 of 2	SSE/61.3	341.9 / 0.00	WSCC 248 1280 & 1284 Gordon 5 Guelph ON N1L 0N6	Street	GEN
Generator No: Status: Approval Year Contam. Facili MHSW Facility SIC Code: SIC Descriptic	rs: ity: /: on:	ON3301022 Registered As of Jan 2021		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>						
Waste Class: Waste Class L	Desc:	251 L Waste oils/sludges	(petroleum based)			
<u>3</u>	1 of 1	W/81.0	344.9 / 3.00	ON		WWIS
Well ID: Construction I Primary Water Sec. Water Us Final Well Stat Water Type: Casing Materia Audit No: Tag: Construction I Elevation (m): Elevation Relia Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map	Date: r Use: e: tus: al: Method: ability: ock: edrock: evel: p):	7317022 C39616 A243513		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	Yes 8/16/2018 Yes 7238 8 WELLINGTON GUELPH CITY	
Bore Hole Info Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Deso Open Hole: Cluster Kind:	ormation : c:	1007254524		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	17 564468 4818524 UTM83 4	

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Map Key Number Record		r of Direction Is Distance		Elev/Diff (m)	Site		DB	
Date Comple Remarks: Elevrc Desc: Location Sou Improvemen Improvemen Source Revis Supplier Cor	eted: urce Date: t Location t Location sion Comm mment:	7/30/2018 Source: Method: ient:			UTMRC Desc: Location Method:	margin of error : 30 m - 100 m wwr		
<u>5</u>	1 of 2		NNW/91.0	340.2 / -1.61	PIPELINE HIT - 1 ½" 15 VALLEY RD,,GUEI ON	LPH,ON,N1L 0H3,CA	PINC	
Incident ID: Incident No: Incident Rep Type: Status Code. Customer Add Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre Date of Occu Occurrence Operation Ty Pipeline Typ Regulator Ty Summary: Reported By Affiliation: Occurrence Damage Rea Notes:	oorted Dt: : cct Name: Iress: a Centre: ence Tp: Irrence: Start Dt: /pe: e: /pe: : Desc: Ison:	1474936 9/9/2014 FS-Pipeline 15 VALLEN Pipeline Da 5171798 2014/09/09	e Incident HIT - 1 ¼" Y RD,,GUELPH,C amage Reason E 15 VALLEY RD, G Shawn Artt - Unio Excavation practic	ON,N1L 0H3,CA st GUELPH - PIPELIN n Gas ses not sufficient	Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:	Natural Gas Yes Yes FS-Perform P-line Inc Invest E-mail		
<u>5</u>	2 of 2		NNW/91.0	340.2 / -1.61	Union Gas Limited 15 Valley Rd Guelph ON		SPL	
Ref No: Site No: Incident Dt: Year: Incident Cau Incident Eve Contaminant Cont	Ise: nt: t Code: t Name: t Limit 1: it Freq 1: t UN No 1: t Impact: pact: edium: nv: nse: on Scn: ed Dt: t Closed: sson:	3815-9NS0 NA 2014/09/08 Leak/Break 35 NATURAL Confirmed Air Pollutio Referral to 2014/09/09	GUL GAS (METHANE n others	;)	Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Geo Ref Accu: Site Map Datum: SAC Action Class:	Valve/Fitting/Piping 15 Valley Rd Guelph TSSA - Fuel Safety Branch - Hydr Release/Spill	ocarbon Fue	
Incident Rea Site Name:	son:	Operator/H F	Iuman Error Residential <uno< td=""><td>FFICIAL></td><td>Source Type:</td><td></td><td></td></uno<>	FFICIAL>	Source Type:			

мар кеу	Records	Direct Distar	nce (m)	(m)	Sne		υв
Site County/E Site Geo Ref Incident Sum Contaminant	District: Meth: mary: Qty:	Union Ga 0 other - s	s, 1.25 inch see incident	break, safe description			
<u>6</u>	1 of 1	WNW/95	5.8	343.5 / 1.67	11 VALLEY RD. con 8 GUELPH ON	W	wis
Well ID:		7112830			Data Entry Status:		
Construction	Date:				Data Src:	10/0/0000	
Primary Wate Sec. Water II	er Use:				Date Received: Selected Flag:	10/9/2008 Yes	
Final Well Sta	atus:	Abandoned-Other			Abandonment Rec:	Yes	
Water Type:					Contractor:	1737	
Casing Mater	rial:	700007			Form Version:	7	
Audit No: Taa:		292367			Owner: Street Name:		
Construction	Method:				County:	WELLINGTON	
Elevation (m)):				Municipality:	PUSLINCH TOWNSHIP	
Elevation Rel	liability:				Site Info:		
vepth to Bed Well Denth	rock:				LOT: Concession:	08	
Overburden/E	Bedrock:				Concession Name:	00	
Pump Rate:					Easting NAD83:		
Static Water I	Level:				Northing NAD83:		
Flowing (Y/N) Elow Rato:):				Zone: LITM Peliability:		
Clear/Cloudy	:				o nin Kenability.		
PDF URL (Ma	ap):	https://d2l	khazk8e83rd	dv.cloudfront.ne	et/moe_mapping/downloads/2\	Water/Wells_pdfs/711\7112830.pdf	
Bore Hole Inf	ormation						
Dere Hele ID:		1001922120			Flovation	245 102067	
Bore Hole ID: DP2RR	i	1001633139			Elevation: Elevrc:	345.182067	
Spatial Status	s:				Zone:	17	
Code OB:					East83:	564467	
Code OB Des Onon Holo:	SC:				North83:	4818577	
Cluster Kind:	•				UTMRC:	3	
Date Complet	ted:	6/16/2008			UTMRC Desc:	margin of error : 10 - 30 m	
Remarks:					Location Method:	wwr	
Elevrc Desc: Location Sou	urco Dato:						
Improvement	t Location S	ource:					
Improvement	t Location N	lethod:					
Source Revis Supplier Com	sion Comme nment [.]	ent:					
Overburden a Materials Inte	and Bedroci erval	<u>k</u>					
Formation ID:	:	10019319	95				
Layer:		1					
Color: Conoral Cala	<i>r</i> -						
General Colo Mat1:	<i>ч.</i>						
Most Commo	on Material:						
Mat2:							
Mat2 Desc:							
wats: Mat3 Desc:							
	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
---	--	---	----------------------------	------------------	------	----	
-	Formation Top Formation End Formation End	Depth: Depth: Depth UOM:	0 124 ft				
	<u>Method of Con</u> <u>Use</u>	struction & Well					
	Method Consti Method Consti Method Consti Other Method	ruction ID: ruction Code: ruction: Construction:	1001932001				
	Pipe Informatio	<u>on</u>					
	Pipe ID: Casing No: Comment: Alt Name:		1001931994 0				
	Construction F	Record - Casing					
	Casing ID: Layer: Material: Open Hole or I Depth From: Depth To: Casing Diamet	Naterial:	1001931999				
	Casing Diamet	er UOM: UOM:	inch ft				
	Construction F	<u> Record - Screen</u>					
	Screen ID: Layer: Slot: Screen Top De Screen End De	pth:	1001932000				
	Screen Materia Screen Depth Screen Diamet Screen Diamet	er:	ft inch				
	<u>Water Details</u>						
	Water ID: Layer: Kind Code: Kind:		1001931998				
	Water Found D Water Found D	Depth: Depth UOM:	ft				
	<u>Hole Diameter</u>						
	Hole ID: Diameter: Depth From: Depth To:		1001931996				
	Hole Depth UC Hole Diameter	M: UOM:	ft inch				

Map Key	Number Record	r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>7</u>	1 of 1		WNW/119.9	342.8 / 0.95	lot 5 con 8 ON		wwis
Well ID: Construction Primary Wat Sec. Water L Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation Re Depth to Beo Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate:	n Date: er Use: Jse: tatus: rial: n Method:): liability: drock: /Bedrock: Level: J):	6702575 Domestic 0 Water Sup	ply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 4/16/1962 Yes 1617 1 WELLINGTON GUELPH CITY (PUSLINCH TWP) 005 08 CON	

PDF URL (Map):

 $https://d2 khazk8e83 rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6702575.pdf$

Bore Hole Information

Bore Hole ID: DP2BR:	10466718 76	Elevation: Elevrc:	345.040863
Spatial Status:		Zone:	17
Code OB:	r	East83:	564451.3
Code OB Desc:	Bedrock	North83:	4818597
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	3/16/1962	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Improvement Location	Source: Method:		
Source Revision Comn	nent:		
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932614409
Layer:	2
Color:	5
General Color:	YELLOW
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15
Formation End Depth:	76
Formation End Depth UOM:	ft

Overburden and Bedrock

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Materials Inte	<u>rval</u>				
Formation ID: Layer: Color:		932614408 1			
General Color Mat1: Most Commo Mat2: Mat2 Desc:	": n Material:	05 CLAY 11 GRAVEL			
Mat2 Desc. Mat3: Mat3 Desc:		GRAVEL			
Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	0 15 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID: Layer: Color:		932614410 3 6			
General Color Mat1:	.	BROWN 15			
Most Commo Mat2: Mat2 Desc: Mat3:	n Material:	LIMESTONE			
Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	76 125 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Const Method Const Method Const Other Method	truction ID: truction Code: truction: Construction:	966702575 1 Cable Tool			
<u>Pipe Informat</u>	ion				
Pipe ID: Casing No: Comment: Alt Name:		11015288 1			
Construction	<u>Record - Casing</u>				
Casing ID: Layer: Material: Open Hole or Depth From [.]	Material:	930759031 1 1 STEEL			
Depth To: Casing Diame Casing Diame Casing Depth	eter: eter UOM: UOM:	78 4 inch ft			

Construction Record - Casing

Мар Кеу	Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	r Material: neter: neter UOM: h UOM:	930759032 2 4 OPEN HOLE 125 4 inch ft			
<u>Results of W</u>	ell Yield Tes	ting			
Pump Test II Pump Set At Static Level: Final Level A Recommence Pumping Rat Flowing Rate Recommence Levels UOM: Rate UOM: Water State Pumping Tes	D: :: led Pump De te: : led Pump Ra : After Test Co After Test: st Method:	996702575 30 60 pth: 60 9 te: 9 ft GPM ode: 1 CLEAR 1			
Pumping Du Pumping Du Flowing:	ration HR: ration MIN:	2 0 No			
Water Detail	<u>s</u>				
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: I Depth UON	933954915 1 FRESH 125 ft			
<u>8</u>	1 of 3	WNW/120.6	344.2 / 2.36	The Corporation of The City of Guelph Landsdown Drive and Valley Drive Guelph ON	СА
Certificate # Application Issue Date: Approval Ty Status: Application Client Name Client Addre Client City: Client Posta Project Desta Contaminan Emission Co	: Year: pe: Type: : sss: Sss: I Code: cription: ts: ontrol:	6838-65XM8E 2004 10/26/2004 Municipal and Priva Approved	ate Sewage Works		
<u>8</u>	2 of 3	WNW/120.6	344.2 / 2.36	The Corporation of The City of Guelph Landsdown Drive and Valley Drive Guelph ON N1H 3A1	ECA
Approval No Approval Da	: te:	6838-65XM8E 2004-10-26		MOE District: Guelph City:	
30	erisinfo.co	<u>n</u> Environmental Risk Info	ormation Services		Order No: 21052700151

Мар Кеу	Number Records	r of S	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Status: Record Tyj Link Sourc SWP Area Approval 1 Project Typ Business N Address: Full Addres Full PDF Li	pe: e: Name: 'ype: pe: lame: ss: ink:	Approved ECA IDS Grand Rive	er ECA-MUNICIPAL A MUNICIPAL AND F The Corporation of Landsdown Drive a https://www.access	AND PRIVATE SE PRIVATE SEWAG The City of Guelp and Valley Drive senvironment.ene.	Longitude: Latitude: Geometry X: Geometry Y: WAGE WORKS E WORKS h gov.on.ca/instruments/687	-80.198 43.5229 5-633QGQ-14.pdf	
<u>8</u>	3 of 3		WNW/120.6	344.2 / 2.36	The Corporation of Landsdown Drive an Guelph ON N1H 3A1	The City of Guelph nd Valley Drive	ECA
Approval N Approval D Status: Record Tyj Link Sourc SWP Area Approval T Project Tyj Business N Address: Full Addres Full PDF Li	lo: bate: e: Name: Type: be: lame: ss: ink:	7922-65XM 2004-10-20 Approved ECA IDS Grand Rive	ACR 5 ECA-Municipal Drin Municipal Drinking The Corporation of Landsdown Drive a	nking Water Syster Water Systems The City of Guelp nd Valley Drive	MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: ms	Guelph -80.19800000000001 43.5229	
<u>9</u>	1 of 1		WNW/121.8	342.8 / 0.95	lot 5 con 8 ON		WWIS
Well ID: Constructi Primary Wi Sec. Water Final Well S Water Type Casing Mar Audit No: Tag: Constructi Elevation (Elevation F Depth to B Well Depth Overburde Pump Rate Static Wate Flowing (Y Flow Rate: Clear/Clour	on Date: ater Use: Use: Status: Status: terial: on Method: m): Reliability: edrock: : n/Bedrock: : r Level: /N): dy:	6702581 Domestic 0 Water Sup	ply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 9/2/1964 Yes 2521 1 WELLINGTON GUELPH CITY (PUSLINCH TWP) 005 08 CON	
PDF URL (l	Мар):	ł	nttps://d2khazk8e8	3rdv.cloudfront.ne	t/moe_mapping/downloads	/2Water/Wells_pdfs/670\6702581.pdf	
Bore Hole	Information	10466704			Flowetion	245 125519	
Bore Hole	D:	10466724			Elevation:	345.125518	

Bore Hole ID:	10466724	Elevation:	345.125518
DP2BR:	66	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	564448.3
Code OB Desc:	Bedrock	North83:	4818596

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Open Hole: Cluster Kind: Date Completed: 8/8/19 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method. Source Revision Comment: Supplier Comment:	64		Org CS: UTMRC: UTMRC Desc: Location Method:	5 margin of error : 100 m - 300 m p5	
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth	932614427 1 05 CLAY 11 GRAVEL 13 BOULDERS 0 30 ft				
Overburden and Bedrock Materials Interval					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	932614429 3 6 BROWN 15 LIMESTONE 66 134 ft				
<u>Overburden and Bedrock</u> Materials Interval					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	932614428 2 05 CLAY 30 66				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:		966702581 1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		11015294 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	r Material: eter: eter UOM: h UOM:	930759043 1 STEEL 74 4 inch ft			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	r Material: eter: eter UOM: h UOM:	930759044 2 4 OPEN HOLE 134 4 inch ft			
Results of W	ell Yield Testing				
Pump Test ID Pump Set At:): :	996702581			

Pump Set At:	
Static Level:	35
Final Level After Pumping:	85
Recommended Pump Depth:	85
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	4
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933954921
Layer:	1

	Records	5	Distance (m)	(m)	Sile		UB
Kind Code: Kind: Water Found Water Found	l Depth: l Depth UON	Л:	1 FRESH 134 ft				
<u>10</u>	1 of 1		WNW/124.6	342.8 / 0.95	lot 5 con 8 ON		wwis
Well ID: Construction	n Date:	6702568			Data Entry Status: Data Src:	1	
Primary Wate	er Use:	Domestic			Date Received:	11/15/1957	
Sec. Water U	lse:	0			Selected Flag:	Yes	
Final Well Sta	atus:	Water Sup	pply		Abandonment Rec:	0444	
water Type: Casing Mater	rial·				Contractor: Form Version:	2414 1	
Audit No:	nai.				Owner:		
Tag:					Street Name:		
Construction	n Method:				County:	WELLINGTON	
Elevation (m)): Jiabilitur				Municipality:	GUELPH CITY (PUSLINCH TWP)	
Depth to Bed	drock:				Lot:	005	
Well Depth:					Concession:	08	
Overburden/l	Bedrock:				Concession Name:	CON	
Pump Rate:	Laval				Easting NAD83:		
Static Water I Flowing (Y/N	Lever: /)·				Northing NAD63: Zone:		
Flow Rate:					UTM Reliability:		
Clear/Cloudy	/:				-		
PDF URL (Ma	ap):		https://d2khazk8e8	33rdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/670\6702568.pdf	
PDF URL (Ma Bore Hole Inf	ap): formation		https://d2khazk8e8	33rdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/670\6702568.pdf	
PDF URL (Ma <u>Bore Hole Inf</u> Bore Hole ID	ap): formation):	10466711	https://d2khazk8e8	33rdv.cloudfront.ne	et/moe_mapping/downloads <i>Elevation:</i>	/2Water/Wells_pdfs/670\6702568.pdf 344.807281	
PDF URL (Ma Bore Hole Inf Bore Hole ID DP2BR: Spacial Statu	ap): <u>formation</u>):	10466711 75	https://d2khazk8e8	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281	
PDF URL (Ma <u>Bore Hole Inf</u> Bore Hole ID: DP2BR: Spatial Statu: Code OB:	ap): <u>formation</u>): IS:	10466711 75 r	https://d2khazk8e8	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: Fast83:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3	
PDF URL (Ma Bore Hole Inf Bore Hole ID. DP2BR: Spatial Statu: Code OB: Code OB Des	ap): formation): (s: sc:	10466711 75 r Bedrock	https://d2khazk8e8	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3 4818606	
PDF URL (Ma Bore Hole Inf Bore Hole ID: DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole:	ap): formation): us: sc:	10466711 75 r Bedrock	https://d2khazk8e8	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3 4818606	
PDF URL (Ma Bore Hole Inf Bore Hole ID: DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kindi	ap): <u>formation</u>): sc: sc:	10466711 75 r Bedrock	https://d2khazk8e8	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3 4818606 9	
PDF URL (Ma Bore Hole Inf Bore Hole ID: DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks:	ap): formation): IS: SC: SC: Sted:	10466711 75 r Bedrock 4/24/1957	https://d2khazk8e8	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3 4818606 9 unknown UTM	
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PDF URL (Ma Bore Hole Inf DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou	ap): formation): sc: sc: eted: urce Date:	10466711 75 r Bedrock 4/24/1957	https://d2khazk8e8	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3 4818606 9 unknown UTM p9	
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PDF URL (Ma Bore Hole Inf DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u>	ap): formation c: sc: sc: sc: t Location S t Location S t Location N sion Comme mment: <u>and Bedroc</u> <u>erval</u>	10466711 75 r Bedrock 4/24/1957 Source: Method: ent: <u>k</u>	https://d2khazk8e8	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: Location Method:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3 4818606 9 unknown UTM p9	
PDF URL (Ma Bore Hole Inf DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID	ap): formation c: sc: sc: sc: t Location S t Location S t Location N sion Comme mment: <u>and Bedroc erval</u>	10466711 75 r Bedrock 4/24/1957 Source: Method: ent: <u>k</u>	932614372	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3 4818606 9 unknown UTM p9	
PDF URL (Ma Bore Hole Inf DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color:	ap): formation c: sc: sc: t Cocation S t Location S t Location N sion Comme mment: <u>and Bedroc</u> erval	10466711 75 r Bedrock 4/24/1957 Source: Method: ent: <u>k</u>	932614372 6	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3 4818606 9 unknown UTM p9	
PDF URL (Ma Bore Hole Inf DP2BR: DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Morovement Source Revis Supplier Con <u>Overburden a</u> Materials Inte Formation ID Layer: Color: General Colo	ap): formation (): (): (): (): (): (): (): (): (): ():	10466711 75 r Bedrock 4/24/1957 Source: Method: ent: <u>k</u>	https://d2khazk8e8 932614372 5 6 BROWN	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3 4818606 9 unknown UTM p9	
PDF URL (Ma Bore Hole Inf DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo Wat1:	ap): formation formation s: sc: sc: eted: t Location S t Location N sion Comme nment: <u>and Bedroc</u> <u>erval</u> o:	10466711 75 r Bedrock 4/24/1957 Source: Method: ent:	932614372 5 6 BROWN 15	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3 4818606 9 unknown UTM p9	
PDF URL (Ma Bore Hole Inf DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Con <u>Overburden a</u> Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo	ap): formation formation s: sc: sc: sc: t Location S t Location S t Location N sion Comme mment: <u>and Bedroc</u> erval o: or:	10466711 75 r Bedrock 4/24/1957 Gource: Method: ent:	932614372 5 6 BROWN 15 LIMESTONE	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3 4818606 9 unknown UTM p9	
PDF URL (Ma Bore Hole Inf DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo	ap): formation formation s: sc: sc: sc: eted: t Location S t Location S t Location N sion Comme mment: and Bedroc erval o: or: on Material:	10466711 75 r Bedrock 4/24/1957 Source: Method: ent: <u>k</u>	932614372 5 6 BROWN 15 LIMESTONE	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3 4818606 9 unknown UTM p9	
PDF URL (Ma <u>Bore Hole Inf</u> Bore Hole ID: DP2BR: Spatial Statu: Code OB: Code OB: Code OB: Code CB Den Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo Wat1: Wost Commo Mat2: Mat2 Desc: Mat2:	ap): formation formation s: sc: sc: sc: t Location S t Location S t Location N sion Comme mment: and Bedroc erval o: or: on Material:	10466711 75 r Bedrock 4/24/1957 Source: Method: ent: <u>k</u>	932614372 5 6 BROWN 15 LIMESTONE	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3 4818606 9 unknown UTM p9	
PDF URL (Ma Bore Hole Inf DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> Materials Inte Formation ID Layer: Color: General Colo Wat1: Wost Commo Wat2: Wat3 Desc: Wat3 Desc:	ap): <u>formation</u> : sc: sc: : eted: t Location S t Location N sion Comme mment: <u>and Bedroc</u> <u>erval</u> o: or: on Material:	10466711 75 r Bedrock 4/24/1957 Source: Method: ent: <u>k</u>	932614372 5 6 BROWN 15 LIMESTONE	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3 4818606 9 unknown UTM p9	
PDF URL (Ma Bore Hole Inf DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> Materials Inte Formation ID Layer: Color: General Colo Wat1: Wost Commo Vat2 Wat2 Desc: Vat3 Desc: Formation To	ap): formation c: sc: sc: sc: t Location S t Location S t Location S t Location N sion Comme mment: <u>and Bedroc</u> erval c: or: on Material:	10466711 75 r Bedrock 4/24/1957 Source: Method: ent: <u>k</u>	932614372 5 6 BROWN 15 LIMESTONE	33rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	/2Water/Wells_pdfs/670\6702568.pdf 344.807281 17 564452.3 4818606 9 unknown UTM p9	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation En Formation En	d Depth: d Depth UOM:	117 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID. Layer: Color: General Colo. Mat1: Most Commo	r: n Matariali	932614369 2 05			
Mat2: Mat2 Desc: Mat3: Mat3 Desc:	n material.	CLAT			
Formation To Formation En Formation En	p Depth: Id Depth: Id Depth UOM:	2 25 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID: Layer: Color: General Colo	r:	932614368 1			
Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc:	n Material:	02 TOPSOIL			
Formation To Formation En Formation En	p Depth: Id Depth: Id Depth UOM:	0 2 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID: Layer: Color: General Colo	r:	932614371 4			
Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc:	n Material:	05 CLAY			
Formation To Formation En Formation En	p Depth: Id Depth: Id Depth UOM:	27 75 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID. Layer: Color: General Colo	r:	932614370 3			
Mat1:		11			

³⁵

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	GRAVEL 25 27 ft			
<u>Method of Construction & Well</u> <u>Use</u>	<u>-</u>			
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	966702568 1 Cable Tool			
Pipe Information				
Pipe ID: Casing No: Comment: Alt Name:	11015281 1			
Construction Record - Casing				
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930759017 1 STEEL 80 4 inch ft			
Construction Record - Casing				
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930759018 2 4 OPEN HOLE 117 4 inch ft			
Results of Well Yield Testing				
Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate:	996702568 30 90 4			
Levels UOM: Rate UOM: Water State After Test Code: Water State After Test:	ft GPM 1 CLEAR			

Map Key Numbo Record	er of Direction/ ds Distance (m)	Elev/Diff (m)	Site		DB
Pumping Test Method. Pumping Duration HR. Pumping Duration MIN Flowing:	: 2 : 1 1 : 0 No				
<u>Water Details</u>					
Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth U0	933954908 1 5 FRESH 100 DM: ft				
<u>11</u> 1 of 1	S/139.4	340.3 / -1.59	1274 GORDON ST. Id GUELPH ON	ot 6 con 5	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	6714853 Not Used Abandoned-Other Z02119 https://d2khazk8e4	83rdv.cloudfront.ne	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	4/29/2004 Yes 6061 3 1274 GORDON ST. WELLINGTON GUELPH TOWNSHIP 006 05 DIV C	
Bore Hole Information					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc:	11108205 No formation data 4/20/2004		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	338.201416 17 564545 4818388 UTM83 5 margin of error : 100 m - 300 m wwr	
Location Source Date: Improvement Location Improvement Location Source Revision Comi Supplier Comment: <u>Method of Construction</u> Use	n Source: n Method: ment: n & Well				
Method Construction	D: 966714853				

Мар Кеу	Numbe Record	r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Method Cons Method Cons Other Method	struction C struction: d Construc	ode: 0 No tion:	nt Known				
<u>Pipe Informa</u>	<u>tion</u>						
Pipe ID: Casing No: Comment: Alt Name:		11 1	116257				
<u>12</u>	1 of 1	S	SE/143.4	340.8 / -1.03	1274*1288 GORDON S GUELPH ON	ST. S	wwis
Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re. Depth to Beo Well Depth: Overburden/I Pump Rate: Static Water Flowing (Y/N, Flow Rate: Clear/Cloudy PDF URL (Mater Static Water)	n Date: er Use: lse: atus: rial: iability: liability: lrock: Bedrock: Level:): r: ap):	7243775 Not Used Other Other Status Z186056			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	6/30/2015 Yes Yes 7190 7 1274*1288 GORDON ST. S WELLINGTON PUSLINCH TOWNSHIP	
Bore Hole In Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind. Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Com	formation : :s: sc: :ted: urce Date: t Location t Location sion Comm nment:	1005445404 4/8/2015 Source: Method: ient:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	339.558776 17 564573 4818386 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Annular Space</u> <u>Sealing Reco</u> Plug ID: Layer: Plug From: Plug To:	ce/Abando ord	<u>nment</u> 10 2	05634643				
			(10: 1 1 (<i></i>		0 1 1 0105	0700454

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth U	ОМ:	ft			
<u>Annular Spac</u> Sealing Reco	e/Abandonment rd				
Plug ID: Layer: Plug From: Plug To:		1005634642 1			
Plug Depth U	ОМ:	ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	1005634641			
Pipe Informat	ion				
Pipe ID: Casing No: Comment: Alt Name:		1005634633 0			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame	Material:	1005634637			
Casing Diame Casing Diame	eter UOM:	inch ft			
		it is a second s			
Construction	<u>Record - Screen</u>				
Screen ID: Layer: Slot: Screen Top D Screen End D	epth: epth:	1005634638			
Screen Mater Screen Depth Screen Diame Screen Diame	oter:	ft inch			
<u>Water Detai</u> ls					
Water ID: Layer: Kind Code:		1005634636			
Kind: Water Found Water Found	Depth: Depth UOM:	ft			

<u>Hole Diameter</u>

Мар Кеу	Number Record	r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	OM: r UOM:		1005634635 ft inch				
<u>13</u>	1 of 1		W/153.8	345.1 / 3.19	lot 5 con 8 ON		WWIS
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel. Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy:	Date: r Use: se: ial: Method: : iability: rock: Bedrock: Level: :	6702577 Domestic 0 Water Su	pply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 8/23/1962 Yes 1659 1 WELLINGTON GUELPH CITY (PUSLINCH TWP) 005 08 CON	
PDF URL (Ma	p):		https://d2khazk8e83	Brdv.cloudfront.ne	t/moe_mapping/downloads	/2Water/Wells_pdfs/670\6702577.pdf	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com	ormation s: c: ted: Location S Location I ion Comm iment:	10466720 63 r Bedrock 6/20/1962 Source: Method: ent:	2		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	340.706054 17 564395.3 4818536 5 margin of error : 100 m - 300 m p5	
<u>Overburden a</u> <u>Materials Inte</u>	and Bedroo arval	<u>:k</u>					
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc:	r: n Material:	·	932614415 1 05 CLAY 09 MEDIUM SAND				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3: Mat3 Desc: Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	0 15 ft			
<u>Overburden a</u> Materials Inte	nd Bedrock rval				
Formation ID. Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc:	r: n Material:	932614416 2 05 CLAY			
Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	15 63 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID. Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Dasa:	r: n Material:	932614418 4 8 BLACK 15 LIMESTONE			
Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	125 158 ft			
<u>Overburden a</u> Materials Inte	nd Bedrock rval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To	r: n Material: p Depth:	932614417 3 2 GREY 15 LIMESTONE			
Formation En Formation En <u>Method of Co</u>	d Depth: d Depth UOM: nstruction & Well	125 ft			
<u>Use</u> Method Cons Method Cons	truction ID: truction Code:	966702577 1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Method Cons Other Method	struction: d Construction:	Cable Tool				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		11015290 1				
Construction	Record - Casing					
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diam Casing Diam	r Material: eter: eter UOM:	930759035 1 1 STEEL 67 4 inch				
Casing Dept	n UOM:	ft				
<u>Construction</u>	Record - Casing					
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diam Casing Diam Casing Depth	r Material: eter: eter UOM: n UOM:	930759036 2 4 OPEN HOLE 158 4 inch ft				
<u>Results of W</u>	ell Yield Testing					
Pump Test IL Pump Set At: Static Level: Final Level A Recommende Pumping Rate Recommend Levels UOM: Rate UOM: Water State A Pumping Tes Pumping Dur Pumping Dur Flowing:	D: fter Pumping: ed Pump Depth: e: ed Pump Rate: After Test Code: After Test: after Test: after Method: ration HR: ration MIN:	996702577 30 70 70 7 ft GPM 1 CLEAR 1 2 0 No				
Water Details	2					
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	933954917 1 FRESH 158 ft				
42	erisinfo.com Env	vironmental Risk Info	rmation Service	S	Ord	er No: 21052700151

Map Key	Number o Records	f Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>14</u>	1 of 1	NNW/159.4	337.3 / -4.59	28 LANDSDOWN DR GUELPH ON		WWIS
Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation (m))))))))))))))))))))))))))))))))))))	7 n Date: Jse: Jse: Jse: Arial: 2 n Method:): eliability: drock: /Bedrock: /Bedrock: /Level: J):	278403 bandoned-Other 2251321		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1/4/2017 Yes Yes 7523 7 28 LANDSDOWN DR WELLINGTON GUELPH CITY	

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/727\7278403.pdf

Bore Hole Information

Bore Hole ID: DP2BR:	1006327090	Elevation: Elevrc:	340.411926
Spatial Status:		Zone:	17
Code OB:		East83:	564482
Code OB Desc:		North83:	4818672
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	12/17/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	DIGIT
Elevrc Desc:			
Location Source Date): 		
Improvement Locatio	n Source:		
Improvement Locatio	n Method:		
Source Revision Con	nment:		
Supplier Comment:			

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	1006477100
Layer:	1
Plug From:	0
Plug To:	4.6
Plug Depth UOM:	m

Method of Construction & Well Use

Мар Кеу	Number Records	r of Di s Di	rection/ stance (m)	Elev/Diff (m)	Site		DB
Pipe Informa	<u>tion</u>						
Pipe ID: Casing No: Comment: Alt Name:		10064 0	477093				
Construction	Record - C	Casing					
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Depth	r Material: eter: eter UOM: n UOM:	10064 1 5 PLAS 0 4.6 5.08 cm m	477097 STIC				
Construction	Record - S	<u>Screen</u>					
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mater Screen Diam Screen Diam	Depth: Depth: rial: 1 UOM: eter UOM: eter:	10064 m cm	477098				
Water Details	i						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOI	10064 //: m	477096				
Hole Diamete	<u>er</u>						
Hole ID: Diameter: Depth From:		10064	477095				
Depth To: Hole Depth U Hole Diamete	IOM: er UOM:	m cm					
<u>15</u>	1 of 1	WN	W/161.4	343.9 / 2.00	ON		wwis
Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Matel Audit No: Tag: Construction	Date: er Use: se: atus: rial: Method:	6700922 Domestic 0 Water Supply			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County:	1 11/4/1966 Yes 1906 1 WELLINGTON	

Order No: 21052700151

Map Key Numbe Record	r of Dire s Dist	ection/ tance (m)	Elev/Diff (m)	Site		DB
Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	GUELPH CITY (PUSLINCH TWP)	
PDF URL (Map):	https://d	d2khazk8e83ı	rdv.cloudfront.net	/moe_mapping/downloads	s/2Water/Wells_pdfs/670\6700922.pdf	
Bore Hole Information						
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comm Supplier Comment:	10465068 71 r Bedrock 9/2/1966 Source: Method: ient:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	345.411743 17 564413.3 4818615 5 margin of error : 100 m - 300 m p5	
<u>Overburden and Bedro</u> <u>Materials Interval</u>	<u>ck</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2: Mat2 Desc: Mat3 Desc: Formation Top Depth: Formation End Depth U	932606 3 15 LIMES 71 124 ft	0851 TONE				
<u>Overburden and Bedro</u> <u>Materials Interval</u>	<u>ck</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2: Mat2 Desc: Mat3 Desc: Formation Top Depth: Formation End Depth:	932606 1 	8849 ES				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation En	d Depth UOM:	ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To	r: n Material: p Depth:	932606852 4 6 BROWN 15 LIMESTONE 124			
Formation En	d Depth: d Depth UOM [.]	140 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID: Layer: Color: General Color		932606850 2			
Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3:	n Material:	05 CLAY 11 GRAVEL			
Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	20 71 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: l Construction:	966700922 1 Cable Tool			
<u>Pipe Informat</u>	ion				
Pipe ID: Casing No: Comment: Alt Name:		11013638 1			
<u>Construction</u>	<u> Record - Casing</u>				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To:	Material:	930755900 2 4 OPEN HOLE 140			
Casing Diame Casing Diame Casing Depth	eter: eter UOM: UOM:	4 inch ft			

Construction Record - Casing

Casing ID:	930755899
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	74
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996700922
Pump Set At:	
Static Level:	50
Final Level After Pumping:	90
Recommended Pump Depth:	90
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	3
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933953088
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	130
Water Found Depth UOM:	ft

<u>16</u> 1 of 1	SSE/161.5	340.2 / -1.66	lot 5 con 8 ON		wwis
Well ID:	6702558		Data Entry Status:		
Construction Date:			Data Src:	1	
Primary Water Use:	Domestic		Date Received:	9/23/1954	
Sec. Water Use:	0		Selected Flag:	Yes	
Final Well Status:	Water Supply		Abandonment Rec:		
Water Type:			Contractor:	2414	
Casing Material:			Form Version:	1	
Audit No:			Owner:		
Tag:			Street Name:		
Construction Method:			County:	WELLINGTON	
Elevation (m):			Municipality:	GUELPH CITY (PUSLINCH TWP)	
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot:	005	
Well Depth:			Concession:	08	
Overburden/Bedrock:			Concession Name:	CON	
Pump Rate:			Easting NAD83:		
Static Water Level:			Northing NAD83:		
Flowing (Y/N):			Zone:		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Flow Rate: Clear/Cloudy:				UTM Reliability:		
PDF URL (Ma	p):	https://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/download	s/2Water/Wells_pdfs/670\6702558.pdf	
Bore Hole Infe	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Soul Improvement Improvement Source Revis Supplier Com	104667 75 c: Fed: 6/28/19 rce Date: Location Source: Location Method: ion Comment: iment:	01 k 54		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	338.740325 17 564575.3 4818368 9 unknown UTM p9	
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval					
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	r: n Material: p Depth: d Depth: d Depth UOM:	932614332 1 23 PREVIOUSLY DUG 0 7 ft	i			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval					
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	r: n Material: p Depth: d Depth: d Depth UOM:	932614335 4 12 STONES 05 CLAY 22 75 ft				
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval					
Formation ID: Layer:		932614336 5				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color: General Color Mat1: Most Commo Mat2:	: n Material:	6 BROWN 15 LIMESTONE			
Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	p Depth: d Depth:	75 103			
Formation En Overburden a	d Depth UOM: nd Bedrock	ft			
Materials Inte	rval	932614334			
Layer: Color: General Color		3			
Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat2 Desc:	n Material:	11 GRAVEL			
Formation To Formation En	p Depth: d Depth:	20 22			
Formation En	d Depth UOM:	ft			
<u>Overburden a</u> <u>Materials Inte</u>	<u>nd Bedrock</u> rval				
Formation ID: Layer: Color: General Coloi	.	932614333 2			
Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	n Material:	12 STONES 05 CLAY			
Mat3 Desc: Formation To Formation En	p Depth: d Depth:	7 20			
Formation En	d Depth UOM: nstruction & Well	π			
<u>Use</u> Method Const	truction ID:	966702558			
Method Const Method Const Other Method	truction Code: truction: Construction:	1 Cable Tool			
<u>Pipe Informat</u>	ion				
Pipe ID: Casing No: Comment: Alt Name:		11015271 1			

Construction Record - Casing

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930758998			
Layer:		3			
Material:		4			
Open Hole o	r Material:	OPEN HOLE			
Depth From:					
Depth To:		103			
Casing Diam	eter:	4			
Casing Diam	eter UOM:	Incn			
Casing Dept	n 00m.	π			
<u>Construction</u>	<u>n Record - Casing</u>				
Casing ID:		930758997			
Layer:		2			
Material:		1			
Open Hole o	r Material:	STEEL			
Depth From:		75			
Depth 10:		/5 4			
Casing Diam	eter:	4 inch			
Casing Diam	h UOM [.]	ft			
eachig zopa					
<u>Construction</u>	<u>n Record - Casing</u>				
Casing ID:		930758996			
Layer:		1			
Material:					
Open Hole o	r Material:				
Depth From:		7			
Casing Diam	otor:	1			
Casing Diam	eter UOM·	inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test II	D:	996702558			
Pump Set At	:				
Static Level:		40			
Final Level A	After Pumping:	70			
Recommend Pumping Pa	to	А			
Flowing Rate	.e.	7			
Recommend	ed Pump Rate:				
Levels UOM		ft			
Rate UOM:		GPM			
Water State	After Test Code:	1			
Water State	After Test:	CLEAR			
Pumping Te	st Method:	1			
Pumping Du	ration HR:	20			
Pumping Du	ration MIN:	U No			
Flowing:		INO			
Water Detail	<u>S</u>				
Water ID:		933954898			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	I Depth:	103			

ft

Мар Кеу	Number Records	of S	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>17</u>	1 of 1		NNW/167.9	337.3 / -4.59	ON		WWIS
Well ID: Construction Primary Wat Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation Re Depth to Bed Well Depth: Overburden. Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	n Date: ter Use: Jse: tatus: erial: n Method: n): eliability: drock: /Bedrock: /Bedrock: /Level: V): y:	7230082 C23315 A171588			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	Yes 10/24/2014 Yes 7464 8 WELLINGTON PUSLINCH TOWNSHIP	
Bore Hole In	nformation						
Bore Hole II DP2BR: Spatial Statu Code OB: Code OB De Open Hole: Cluster Kino Date Comple Remarks: Elevrc Desc Location So Improvemen Source Revi Supplier Com	D: us: esc: t: eted: : urce Date: nt Location S nt Location N ision Comme mment:	10051773 9/29/2014 Source: Method: ent:	47		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	340.091796 17 564479 4818680 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>18</u> Well ID:	1 of 1	6702569	WNW/169.0	343.9 / 2.00	lot 5 con 8 ON Data Entry Status:		WWIS
Construction Primary Wate Sec. Water U Final Well Si Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation Re Depth to Be Well Depth: Overburden, Pump Rate:	n Date: ter Use: Jse: tatus: erial: n Method: n): eliability: drock: /Bedrock:	Domestic 0 Water Sup	oply		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83:	1 10/21/1957 Yes 2414 1 WELLINGTON GUELPH CITY (PUSLINCH TWP) 005 08 CON	

Map Key Nu Rec	mber of cords	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map):	ł	https://d2khazk8e83	rdv.cloudfront.ne	t/moe_mapping/downloads	s/2Water/Wells_pdfs/670\6702569.pdf	
Bore Hole Informat	tion					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source D Improvement Loca Improvement Loca Source Revision C Supplier Comment	10466712 72 r Bedrock 5/1/1957 ate: tion Source: tion Method: omment: :			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	345.182342 17 564410.3 4818624 9 unknown UTM p9	
<u>Overburden and Be</u> <u>Materials Interval</u>	edrock_					
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Dep	erial:	932614373 1 02 TOPSOIL				
Formation End Dep Formation End Dep <u>Overburden and Be</u>	oth: 2 oth UOM: f	2 ft				
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Mat Mat2: Mat2 Desc: Mat3 Desc: Formation Top Dep Formation End Dep Formation End Dep	erial: (bth: 2 oth: 2 oth: 2 oth: 2 oth: 2	932614375 3 11 GRAVEL 24 25 ft				

Overburden and Bedrock Materials Interval

	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
-	Formation ID: Layer: Color:		932614374 2			
	General Color. Mat1: Most Common Mat2: Mat2 Desc: Mat3:	Material:	05 CLAY			
	Mat3 Desc: Formation Top Formation End Formation End	o Depth: 1 Depth: 1 Depth UOM:	2 24 ft			
	<u>Overburden al</u> <u>Materials Inter</u>	<u>nd Bedrock</u> val				
	Formation ID: Layer: Color: General Color.		932614376 4			
	Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc:	Material:	05 CLAY			
	Formation Top Formation End Formation End) Depth: 1 Depth: 1 Depth UOM:	25 72 ft			
	<u>Overburden al</u> <u>Materials Inter</u>	nd Bedrock val				
	Formation ID: Layer: Color: General Color. Mat1: Most Commor. Mat2: Mat2 Desc:	Material:	932614377 5 15 LIMESTONE			
	Mat3: Mat3 Desc: Formation Top Formation End Formation End) Depth: 1 Depth: 1 Depth UOM:	72 132 ft			
	<u>Method of Cor</u> <u>Use</u>	astruction & Well				
	Method Const Method Const Method Const Other Method	ruction ID: ruction Code: ruction: Construction:	966702569 1 Cable Tool			
	Pipe Informati Pipe ID: Casing No: Comment: Alt Name:	<u>on</u>	11015282 1			

Construction Record - Casing

Casing ID:	930759020
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	132
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930759019
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	74
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996702569
Pump Set At:	
Static Level:	38
Final Level After Pumping:	52
Recommended Pump Depth:	
Pumping Rate:	7
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933954909
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120
Water Found Depth UOM:	ft
Kind: Water Found Depth: Water Found Depth UOM:	FRESH 120 ft

<u>19</u> 1 of 1	W/177.4	345.3 / 3.47	lot 5 con 8 ON		WWIS
Well ID:	6702566		Data Entry Status:		
Construction Date:			Data Src:	1	
Primary Water Use:	Domestic		Date Received:	1/3/1957	
Sec. Water Use:	0		Selected Flag:	Yes	
Final Well Status:	Water Supply		Abandonment Rec:		
Water Type:			Contractor:	2521	

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Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing Mate	erial:			Form Version:	1	
Audit No:				Owner:		
Tag:				Street Name:		
Construction	n Method:			County:	WELLINGTON	
Elevation (m	ı):			Municipality:	GUELPH CITY (PUSLINCH TWP)	
Elevation Re	liability:			Site Info:		
Depth to Bed	drock:			Lot:	005	
Well Depth:				Concession:	08	
Overburden/	/Bedrock:			Concession Name:	CON	
Pump Rate:				Easting NAD83:		
Static Water	Level:			Northing NAD83:		
Flowing (Y/N	l):			Zone:		
Flow Rate:	,			UTM Reliability:		
Clear/Cloudy	y:					
PDF URL (M	ap):	https://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/downloads	s/2Water/Wells_pdfs/670\6702566.pdf	
Bore Hole In	formation					

Bore Hole ID: DP2BR:	10466709 71	Elevation: Elevrc:	343.106933
Spatial Status:		Zone:	17
Code OB:	r	East83:	564374.3
Code OB Desc:	Bedrock	North83:	4818559
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	12/18/1956	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date	e:		
Improvement Locatio	on Source:		

Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID:	932614364
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	71
Formation End Depth:	127
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932614363
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	

	Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
 	Mat3: Mat3 Desc: Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	0 71 ft			
<u> </u>	<u>Method of Co</u> <u>Use</u>	nstruction & Well				
	Method Cons Method Cons Method Cons	truction ID: truction Code: truction:	966702566 1 Cable Tool			
(Other Method	Construction:				
Ľ	<u>Pipe informat</u>	<u>1011</u>				
F O O A	Pipe ID: Casing No: Comment: Alt Name:		11015279 1			
<u>(</u>	<u>Construction</u>	Record - Casing				
Ģ	Casing ID:		930759014			
Ī	Layer. Material:		4			
	Open Hole or Depth From [.]	Material:	OPEN HOLE			
Ī	Depth To:		127			
0	Casing Diame Casing Diame	eter: eter UOM:	4 inch			
Ċ	Casing Depth	UOM:	ft			
<u>(</u>	<u>Construction</u>	<u>Record - Casing</u>				
	Casing ID: aver:		930759013 1			
Ī	Material:		1			
	Open Hole or Depth From:	Material:	STEEL			
L	Depth To:		71			
0	Casing Diame Casing Diame	eter: eter UOM:	4 inch			
(Casing Depth	UOM:	ft			
ŀ	Results of We	ell Yield Testing				
F	Pump Test ID Pump Set At	:	996702566			
Ś	Static Level:		40			
F	Final Level Af Recommende	fter Pumping: ed Pump Depth:	40			
F	Pumping Rate	9: 	10			
E E	kecommende Levels UOM:	ea Pump Rate:	ft			
ŀ	Rate UOM:	Han Taat Or de	GPM			
	water State A Nater State A	itter Test Code: ifter Test:	CLEAR			
ŀ	Pumping Tes	t Method:	1			
F	Pumping Dura Pumping Dura	ation HR: ation MIN:	1 0			
-						

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing:		No			
<u>Water Detail</u>	<u>s</u>				
Water ID:		933954906			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	l Depth:	127			
Water Found	I Depth UOM:	ft			
20	1 of 1	S/180.4	338.9 / -3.00	lot 6 con 8	MIMIS

<u>20</u>	1 of 1	S/180.4	338.9 / -3.00	lot 6 con 8 ON		WWIS
Well ID:		6702586		Data Entry Status:		
Constructi	on Date:			Data Src:	1	
Primary W	ater Use:	Domestic		Date Received:	12/30/1957	
Sec. Water	· Use:	0		Selected Flag:	Yes	
Final Well	Status:	Water Supply		Abandonment Rec:		
Water Type	e:			Contractor:	2414	
Casing Ma	terial:			Form Version:	1	
Audit No:				Owner:		
Tag:				Street Name:		
Constructi	on Method:			County:	WELLINGTON	
Elevation (m):			Municipality:	GUELPH CITY (PUSLINCH TWP)	
Elevation I	Reliability:			Site Info:		
Depth to B	edrock:			Lot:	006	
Well Depth	n:			Concession:	08	
Overburde	n/Bedrock:			Concession Name:	CON	
Pump Rate): 			Easting NAD83:		
Static Wate	er Level:			Northing NAD83:		
Flowing (Y	/N):			Zone:		
Flow Rate:				UTM Reliability:		
Clear/Clou	dy:					

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6702586.pdf

Bore Hole Information

Bore Hole ID:	10466729	Elevation:	337.132751
DP2BR:	62	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	564568.3
Code OB Desc:	Bedrock	North83:	4818348
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/22/1957	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Dat Improvement Location	e: on Source:		

Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color:

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc:	n Material:	10 COARSE SAND			
Formation Top	Depth:	40			
Formation End	d Depth:	62 ft			
Formation End	a Depth OOM.	п			
<u>Overburden al</u> <u>Materials Inter</u>	nd Bedrock val				
Formation ID:		932614454			
Layer:		5			
General Color.		o BROWN			
Mat1:	-	15			
Most Common	n Material:	LIMESTONE			
Matz: Mat2 Desc:					
Mat3:					
Mat3 Desc:	5 4	00			
Formation Top	Deptn: Depth:	62 115			
Formation End	d Depth UOM:	ft			
<u>Overburden an</u> Materials Inter	nd Bedrock val				
Formation ID:		932614450			
Layer:		1			
Color:					
Mat1:	•	02			
Most Common	n Material:	TOPSOIL			
Mat2:					
Matz Desc: Mat3:					
Mat3 Desc:					
Formation Top	Depth:	0			
Formation End	d Depth UOM:	ft			
<u>Overburden an</u> Materials Inter	<u>nd Bedrock</u> <u>val</u>				
Formation ID.		932614452			
Layer:		3			
Color:					
General Color. Mat1	:	11			
Most Common	n Material:	GRAVEL			
Mat2:		14			
Mat2 Desc:		HARDPAN			
Mat3 Desc:					
Formation Top	Depth:	12			
Formation End	d Depth:	40			
Formation End	d Depth UOM:	tt			

Overburden and Bedrock

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Materials Inte	rval				
Formation ID. Layer: Color: General Colo. Mat1:	r:	932614451 2 11			
Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To	n material: p Depth:	GRAVEL			
Formation En Formation En	d Depth: d Depth UOM:	12 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	966702586 1 Cable Tool			
<u>Pipe Informat</u>	ion				
Pipe ID: Casing No: Comment: Alt Name:		11015299 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	Material: eter: eter UOM: uUOM:	930759053 1 STEEL 67 4 inch ft			
<u>Construction</u>	<u>Record - Casing</u>				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Depth	Material: eter: eter UOM: o UOM:	930759054 2 4 OPEN HOLE 115 4 inch ft			
Results of We	ell Yield Testing				
Pump Test ID Pump Set At: Static Level: Final Level At Recommende	: fter Pumping: ed Pump Depth:	996702586 28 30			

Map Key Number Record	r of Direction/ s Distance (m)	Elev/Diff (m)	Site		DB
Pumping Rate: Flowing Rate: Recommended Pump R Levels UOM: Rate UOM: Water State After Test O Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:	12 ft GPM Code: 1 CLEAR 1 5 0 No				
<u>Water Details</u> Water ID: Laver:	933954926 1				
Kind Code: Kind: Water Found Depth: Water Found Depth UOI	1 FRESH 100 M: ft				
21 1 of 1	SW/183.5	335.5 / -6.36	1289 GORDON ST Guelph ON		WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	7341071 Abandoned-Other Z315831		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	8/9/2019 Yes Yes 7238 7 1289 GORDON ST WELLINGTON GUELPH CITY	
Bore Hole Information					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc:	1007623055 7/18/2019		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	17 564425 4818392 UTM83 4 margin of error : 30 m - 100 m wwr	
Location Source Date: Improvement Location S Improvement Location Source Revision Comm	Source: Method: ent:				

Map Key	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Supplier Con	nment:						
<u>Pipe Information Pipe Information Pipe Information Pipe Pipe Pipe Pipe Pipe Pipe Pipe Pipe</u>	<u>tion</u>						
Pipe ID: Casing No: Comment: Alt Name:			1007865164 0				
Results of We	ell Yield Tes	<u>sting</u>					
Pump Test ID Pump Set At: Static Level: Final Level A Recommende Pumping Rat Flowing Rate): : fter Pumpir ed Pump De re:	ng: epth:	1007870718				
Recommende	ed Pump Ra	ate:					
Levels UOM: Rate UOM:			ft GPM				
Water State A	After Test C	ode:					
Pumping Tes	t Method:		0				
Pumping Dur Pumping Dur Flowing:	ration HR: ration MIN:						
<u>22</u>	1 of 1		WNW/185.2	345.7 / 3.89	lot 5 con 8 ON		WWIS
Well ID:		6702563			Data Entry Status:		
Construction	Date:	Domestic			Data Src: Date Received:	1 3/17/1955	
Sec. Water U	se:	0			Selected Flag:	Yes	
Final Well Sta Water Type:	atus:	Water Su	ipply		Abandonment Rec: Contractor:	2414	
Casing Mater	rial:				Form Version:	1	
Audit No: Tag:					Owner: Street Name:		
Construction Elevation (m) Elevation Rel	Method:): liability:				County: Municipality: Site Info:	WELLINGTON GUELPH CITY (PUSLINCH TWP)	
Depth to Bed	lrock:				Lot: Concession:	005	
Overburden/I	Bedrock:				Concession Name:	CON	
Pump Rate: Static Water	l ovol:				Easting NAD83: Northing NAD83:		
Flowing (Y/N)):				Zone:		
Flow Rate: Clear/Cloudv	-				UTM Reliability:		
			https://d2khozk9a93	Providence to a	t/maa manaina/dawalaada	/2)//atar////alla_adfa/670)6702562 adf	
PDF URL (Ma	ар):		пцрѕ.//и2кпа2коеоз	stav.ciouairont.ne	/moe_mapping/downloads	/2vvalei/weiis_pais/6/0/6/02563.pai	
Bore Hole Inf	formation						
Bore Hole ID:	:	1046670	6		Elevation:	344.96582	
DP2BR: Spatial Status	s:	62			Elevrc: Zone:	17	
Code OB:	-	r De d			East83:	564371.3	
Code OB Des Open Hole:	SC:	Bedrock			North83: Org CS:	4818580	

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Order No: 21052700151

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com	red: 1/19/19 rce Date: Location Source: Location Method: ion Comment: ment:	55		UTMRC: UTMRC Desc: Location Method:	9 unknown UTM p9	
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval					
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	r: n Material: p Depth: Id Depth: Id Depth: Id Depth UOM:	932614352 2 11 GRAVEL 05 CLAY 45 62 ft				
<u>Overburden a</u> <u>Materials Inte</u>	<u>nd Bedrock</u> rval					
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En	r: n Material: p Depth: id Depth: id Depth UOM:	932614354 4 8 BLACK 15 LIMESTONE 132 163 ft				
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval					
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	r: n Material: p Depth: d Depth: d Depth: d Depth:	932614351 1 12 STONES 05 CLAY 0 45 ft				

Overburden and Bedrock
Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Materials Inte	rval				
Formation ID. Layer: Color: General Colo. Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	r: n Material:	932614353 3 6 BROWN 15 LIMESTONE			
Mat3 Desc: Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	62 132 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	966702563 1 Cable Tool			
Pipe Informat	ion				
Pipe ID: Casing No: Comment: Alt Name:		11015276 1			
<u>Construction</u>	<u> Record - Casing</u>				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	Material: eter: eter UOM: i UOM:	930759007 1 STEEL 68 5 inch ft			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	Material: eter: eter UOM: o UOM:	930759008 2 4 OPEN HOLE 163 5 inch ft			
Results of We	ell Yield Testing				
Pump Test ID Pump Set At: Static Level: Final Level At Recommende	: fter Pumping: ed Pump Depth:	996702563 34 67			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rat	te:	6			
Flowing Rate):				
Recommend	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
Water State	After Test Code:	1			
Water State	After Test:	CLEAR			
Pumping Tes	st Method:	2			
Pumping Du	ration HR:				
Pumping Du	ration MIN:				
Flowing:		No			
Water Details	<u>s</u>				
Water ID:		933954903			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	Depth:	110			
Water Found	Depth UOM:	ft			
23	1 of 1	WNW/187.6	345.7 / 3.89	lot 5 con 8	11/1/10

<u>23</u> 1 of	1	WNW/187.6	345.7 / 3.89	lot 5 con 8 ON		WWIS
Well ID:	6702565			Data Entry Status:		
Construction Date	:			Data Src:	1	
Primary Water Use	: Domestic			Date Received:	11/14/1956	
Sec. Water Use:	0			Selected Flag:	Yes	
Final Well Status:	Water Supp	bly		Abandonment Rec:		
Water Type:		-		Contractor:	2521	
Casing Material:				Form Version:	1	
Audit No:				Owner:		
Tag:				Street Name:		
Construction Meth	od:			County:	WELLINGTON	
Elevation (m):				Municipality:	GUELPH CITY (PUSLINCH TWP)	
Elevation Reliabilit	ty:			Site Info:		
Depth to Bedrock:				Lot:	005	
Well Depth:				Concession:	08	
Overburden/Bedro	ck:			Concession Name:	CON	
Pump Rate:				Easting NAD83:		
Static Water Level	:			Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloudy:						

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6702565.pdf

Bore Hole Information

Improvement Location Method: Source Revision Comment:

Bore Hole ID: DP2BR:	10466708 71	Elevation: Elevrc:	344.761688			
Spatial Status:		Zone:	17			
Code OB:	r	East83:	564368.3			
Code OB Desc:	Bedrock	North83:	4818578			
Open Hole:		Org CS:				
Cluster Kind:		UTMRC:	9			
Date Completed:	8/18/1956	UTMRC Desc:	unknown UTM			
Remarks:		Location Method:	p9			
Elevrc Desc:						
Location Source Date: Improvement Location Source:						

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Con	nment:				
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID Layer: Color: Conoral Colo		932614361 1			
Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	n Material:	14 HARDPAN			
Mat3 Desc: Formation To Formation En Formation En	p Depth: Id Depth: Id Depth UOM:	0 71 ft			
<u>Overburden a</u> Materials Inte	and Bedrock rval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat2:	: r: n Material:	932614362 2 6 BROWN 15 LIMESTONE			
Mat3 Desc: Formation To Formation Er Formation Er	p Depth: Id Depth: Id Depth UOM:	71 132 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	966702565 1 Cable Tool			
<u>Pipe Information Pipe Information Pipe Information Pipe Pipe Pipe Pipe Pipe Pipe Pipe Pipe</u>	tion				
Pipe ID: Casing No: Comment: Alt Name:		11015278 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diama	Material:	930759012 2 4 OPEN HOLE 132			
Casing Diam Casing Diam Casing Depth	eter UOM: 0 UOM:	4 inch ft			

Construction Record - Casing

Casing ID:	930759011
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	71
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996702565
Pump Set At:	
Static Level:	40
Final Level After Pumping:	40
Recommended Pump Depth:	
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933954905
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	132
Water Found Depth UOM:	ft

<u>24</u>	1 of 1	WSW/192.2	337.7 / -4.14	2418958 Ontario Inc. 1211-1231 Gorden St Guelph ON N2V 2B5	ECA
Approval N Approval D Status: Record Typ Link Source SWP Area I Approval T Project Typ Business N Address: Full Address Full PDF Lin	o: ate: e: e: Vame: ype: e: lame: ss: nk:	4755-A3KLCJ 2015-11-30 Approved ECA IDS ECA-MUNICIPAL MUNICIPAL AND 2418958 Ontario II 1211-1231 Gorder https://www.acces	AND PRIVATE SEV PRIVATE SEWAGE nc. n St senvironment.ene.g	MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: VAGE WORKS WORKS	f
<u>25</u>	1 of 1	SSE/197.9	339.2 / -2.69	lot 6 con 8 ON	WWIS

Мар Кеу	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Well ID:		6702588			Data Entry Status:		
Construction	Date:				Data Src:	1	
Primary Wate	er Use:	Domestic			Date Received:	9/22/1958	
Sec. Water U	lse:	0			Selected Flag:	Yes	
Final Well Sta	atus:	Water Supp	ly		Abandonment Rec:		
Water Type:					Contractor:	2414	
Casing Mater	rial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Construction	n Method:				County:	WELLINGTON	
Elevation (m):				Municipality:	GUELPH CITY (PUSLINCH TWP)	
Elevation Re	liability:				Site Info:		
Depth to Bea	lrock:				Lot:	006	
Well Depth:					Concession:	08	
Overburden/	Bedrock:				Concession Name:	CON	
Pump Rate:					Easting NAD83:		
Static Water	Level:				Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate:					UTM Reliability:		
Clear/Cloudy	:						
PDF URL (Ma	ap):	ht	tps://d2khazk8e83	rdv.cloudfront.ne	t/moe_mapping/downloads	s/2Water/Wells_pdfs/670\6702588.pdf	
Bore Hole Int	formation						
Bore Hole ID		10466731			Elevation:	336 629882	
DP2BR	•	60			Elevra:	000.020002	
Spatial Statu	s.	00			Zone:	17	
Code OB:		r			East83:	564586.3	
Code OB Des	sc:	Bedrock			North83:	4818333	
Open Hole:					Ora CS:		
Cluster Kind	:				UTMRC:	9	
Date Comple	ted:	7/29/1958			UTMRC Desc:	unknown UTM	
Remarks:					Location Method:	p9	

Date Completed: 7/29/16 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	932614462
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60
Formation End Depth:	115
Formation End Depth UOM:	ft
Overburden and Badraak	

Overburden and Bedrock Materials Interval

Formation ID: Layer:

1

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En	r: n Material: p Depth: d Depth: d Depth UOM:	11 GRAVEL 05 CLAY 0 12 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID. Layer: Color: General Colo. Mat1: Most Commo Mat2:	r: n Material:	932614461 4 10 COARSE SAND			
Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	47 60 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID. Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	r: n Material: p Depth: d Depth: d Depth: d Depth UOM:	932614460 3 2 GREY 05 CLAY 11 GRAVEL 30 47 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID. Layer: Color: General Colo. Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	r: n Material: p Depth: d Depth: d Depth: d Depth UOM:	932614459 2 7 RED 05 CLAY 09 MEDIUM SAND 12 30 ft			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons Method Cons Method Cons Other Method	struction ID: struction Code: struction: d Construction:	966702588 1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		11015301 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diam Casing Diam Casing Depth	r Material: eter: eter UOM: n UOM:	930759058 2 4 OPEN HOLE 115 5 inch ft			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diam Casing Depth	r Material: eter: eter UOM: 1 UOM:	930759057 1 1 STEEL 64 5 inch ft			
Results of W	ell Yield Testing				
Pump Test ID):	996702588			

Pump Test ID:	9967025
Pump Set At:	
Static Level:	30
Final Level After Pumping:	34
Recommended Pump Depth:	
Pumping Rate:	9
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	4
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:

Мар Кеу	Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM	1 1 FRESH 72 1 : ft				
<u>26</u>	1 of 1	NW/198.5	340.9 / -1.00	28 Landsdown Dr Guelph ON N1L1H2		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building S Additional Int	d: Name: Size: fo Ordered:	20130710001 C Standard Report 11-JUL-13 10-JUL-13 Fire Insur. Maps and	d/or Site Plans	Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -80.203136 43.518116	
<u>27</u>	1 of 1	WSW/199.3	337.3 / -4.59	1231 GORDON STREI Guelph ON	ET	WWIS
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy.	Date: er Use: se: atus: ial: ial: iability: rock: Bedrock: Level:): :	7232315 Monitoring Observation Wells Z186078 A162205		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	11/21/2014 Yes 7190 7 1231 GORDON STREET WELLINGTON PUSLINCH TOWNSHIP	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou Improvement	ted: Location S	1005237062 9/17/2014 Source:		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	334.824005 17 564364 4818453 UTM83 4 margin of error : 30 m - 100 m wwr	

Supplier Comment:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden a Materials Inte	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation Er	: n Material: p Depth: nd Depth: nd Depth UOM:	1005470696 3 6 BROWN 06 SILT 28 SAND 3 15 ft			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation Er	: n Material: p Depth: id Depth: id Depth UOM:	1005470695 2 6 BROWN 06 SILT .5 3 ft			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation Er	r: n Material: p Depth: nd Depth: nd Depth UOM:	1005470694 1 6 BROWN 02 TOPSOIL 0 .5 ft			
<u>Annular Spac</u> Sealing Reco	e/Abandonment_ rd				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1005470706 3 4 15 ft			

Annular Space/Abandonment Sealing Record

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1005470704 1 0 1 ft			
<u>Annular Spaces Sealing Reco</u>	ce/Abandonment ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth L	IOM:	1005470705 2 1 4 ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons Method Cons Method Cons Other Method	struction ID: struction Code: struction: d Construction:	1005470703 2 Rotary (Convent.)			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1005470693 0			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	r Material: eter: eter UOM: h UOM:	1005470699 1 STEEL 3 1 4 inch ft			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	r Material: eter: eter UOM: h UOM:	1005470700 2 5 PLASTIC 2.75 5 2 inch ft			
Construction	Record - Screen				
Scroon ID:		1005470701			

Мар Кеу	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Screen End D Screen Mater Screen Depth Screen Diame Screen Diame	Depth: ial: n UOM: eter UOM: eter:		10 5 ft inch 2.25				
Water Details	I						
Water ID: Layer: Kind Code: Kind: Water Found	Depth:		1005470698				
Water Found	Depth UON	1:	ft				
Hole Diamete	<u>r</u>						
Hole ID: Diameter: Depth From:			1005470697				
Depth To: Hole Depth U Hole Diamete	OM: er UOM:		ft inch				
28	1 of 1		NNW/199.8	334.9 / -7.00	28 LANDSDOWN DR GUELPH ON		WWIS
Well ID: Construction Primary Wate Sec. Water Us Final Well Stat Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy: PDF URL (Ma	Date: se: atus: ial: Method: iability: rock: Bedrock: Level: : :	7278398 Abandon Z251319 A115163	ed-Other https://d2khazk8e83	3rdv.cloudfront.net	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1/4/2017 Yes Yes 7523 7 28 LANDSDOWN DR WELLINGTON GUELPH CITY	
Bore Hole Inf	ormation	1000007			-		
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind:	s: :c:	1006327	075		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	17 564486 4818717 UTM83 4	
Date Complet Remarks: Elevrc Desc:	ted:	12/17/20	16		UTMRC Desc: Location Method:	margin of error : 30 m - 100 m wwr	

	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
-	Location Sour Improvement I Improvement I Source Revisio Supplier Com	ce Date: Location Source: Location Method: on Comment: ment:				
	<u>Annular Space</u> <u>Sealing Recor</u>	e/Abandonment d				
	Plug ID:		1006476814			
	Layer:		1			
	Plug From: Plug To:		0 4.6			
	Plug Depth UC	DM:	m			
	<u>Method of Cor</u> <u>Use</u>	nstruction & Well				
	Method Const Method Const Method Const Other Method	ruction ID: ruction Code: ruction: Construction:	1006476813			
	<u>Pipe Informati</u>	<u>on</u>				
	Pipe ID: Casing No: Comment: Alt Name:		1006476807 0			
	Construction I	Record - Casing				
	Casing ID:		1006476811			
	Layer:		1			
	Material: Open Hole or I	Matorial	5 PLASTIC			
	Depth From:	naterial.	0			
	Depth To:		4.6			
	Casing Diame	ter: tor UOM:	1.91			
	Casing Depth	UOM:	m			
	Construction I	<u> Record - Screen</u>				
	Saraan ID-		1006476910			
	Screen ID: Layer:		1000470812			
	Slot:					
	Screen Top De Screen End De	epth: epth:				
	Screen Materia	al:				
	Screen Depth	UOM:	m			
	Screen Diame	ter UUM: ter:	cm			
	coroon blame					
	<u>Water Details</u>					
	Water ID: Layer: Kind Code: Kind:		1006476810			

Water Found Depth:

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Water Found	Depth UOM:	m				
Hole Diamete	<u>er</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth U	ОМ:	1006476809 m				
Hole Diamete	er UOM:	cm				
<u>29</u>	1 of 1	WSW/204.0	337.3 / -4.59	1211 GORDON ST GUEPLH ON		wwis
Well ID: Construction Primary Wate Sec. Water US Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy. PDF URL (Ma	7244 Date: r Use: se: atus: Abar ial: Z200 Method: : iability: rock: Bedrock: Level:): : p):	1424 ndoned-Other 0164 https://d2khazk8e83	3rdv.cloudfront.ne	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	7/10/2015 Yes 6875 7 1211 GORDON ST WELLINGTON PUSLINCH TOWNSHIP	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Com	iormation 1005 s: sc: ted: 6/2/2 rcce Date: Location Source Location Methor ion Comment: ment:	5474420 2015 e: d:		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	334.904327 17 564356 4818461 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Sealing Reco</u> Plug ID: Layer: Plug From: Plug To:	<u>ra</u>	1005652157 2 0 6				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth U	OM:	ft			
<u>Annular Spac</u> Sealing Reco	<u>ce/Abandonment</u> rd				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1005652158 3 6 7 ft			
<u>Annular Spac</u> Sealing Reco	<u>ce/Abandonment</u> ard				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1005652154 1 0 35 ft			
<u>Annular Spac</u> Sealing Reco	ce/Abandonment ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1005652156 1 0 35 ft			
<u>Annular Spac</u> Sealing Reco	ce/Abandonment rd				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1005652155 2 0 7 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: d Construction:	1005652153			
<u>Pipe Informat</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1005652147 0			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From:	Material:	1005652151			

Мар Кеу	Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Depth To: Casing Diam Casing Diam Casing Depti	eter: eter UOM: h UOM:	inch ft				
<u>Construction</u>	Record - S	creen				
Screen ID: Layer: Slot: Screen Top I Screen End I	Depth: Depth:	1005652152				
Screen Matel	riai: h UOM·	ft				
Screen Diam	eter UOM:	inch				
Screen Diam	eter:					
Water Details	5					
Water ID: Layer: Kind Code: Kind:		1005652150				
Water Found Water Found	Depth: Depth UON	1: ft				
Hole Diamete	<u>er</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth L	IOM:	1005652149 ft				
Hole Diamete	er UOM:	inch				
<u>30</u>	1 of 1	SSE/204.0	339.9 / -1.97	1300 Gordon Street Guelph ON N1L 1H2		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size: fo Ordered:	20190417033 C Standard Report 24-APR-19 17-APR-19 0.24 ha		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	Guelph ON .25 -80.200679 43.515122	
<u>31</u>	1 of 1	NW/204.9	336.8 / -5.05	28 LANDSDOWN DR. GUELPH ON	BEHIND	wwis
Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m)	n Date: er Use: Ise: atus: rial: n Method:):	7233391 Monitoring Observation Wells Z185457 A115161		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	12/12/2014 Yes 7238 7 28 LANDSDOWN DR. BEHIND WELLINGTON GUELPH CITY	

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:			Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map):					
Bore Hole ID: 10052 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 5/30/2 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source Improvement Location Method Source Revision Comment: Supplier Comment: Supplier Comment: Porerburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material:	281946 2014 : : : : : : : : : : : : : : : : : : :		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	341.271057 17 564437 4818699 UTM83 4 margin of error : 30 m - 100 m wwr	
Mat2 Mat2 Desc: Mat3: Formation Top Depth: Formation End Depth: Formation End Depth UOM: <u>Overburden and Bedrock</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color:	20 SAND 11 GRAVEL 1 7 ft 1005446419 4 6 BROWN				
Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	06 SILT 28 SAND 11 GRAVEL 13 15 ft				

Overburden and Bedrock Materials Interval

Formation ID:	1005446416
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	02
Mat3 Desc:	TOPSOIL
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1005446418
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	7
Formation End Depth:	13
Formation End Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1005446426
Layer:	1
Plug From:	0
Plug To:	8
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1005446425
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	•

Pipe Information

Pipe ID:	1005446415
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Map Key	Numbe Record	r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Diamo Casing Depth	Material: eter: eter UOM: o UOM:		1005446422 1 5 PLASTIC 3 10 .75 inch ft				
Construction	Record - S	<u>Screen</u>					
Screen ID: Layer: Slot: Screen Top D Screen End D Screen Mater Screen Diamo Screen Diamo	Depth: Depth: ial: o UOM: eter UOM: eter:		1005446423 1 10 10 15 5 ft inch 0.75				
Water Details	I						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UO	М:	1005446421 ft				
<u>Hole Diamete</u>	<u>er</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	OM: er UOM:		1005446420 8 0 15 ft inch				
<u>32</u>	1 of 1		NW/205.2	340.9/-1.00	ON		WWIS
Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N) Flow Rate:	Date: er Use: se: atus: ial: Method: : iability: rock: Bedrock: Level:):	6714327 Not User Abandor 207087	ned-Other		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 12/23/2002 Yes 4868 1 WELLINGTON GUELPH CITY	

Мар Кеу	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Clear/Cloudy	:						
PDF URL (Ma	ıp):		https://d2khazk8e8	3rdv.cloudfront.ne	t/moe_mapping/downloads/2	Water/Wells_pdfs/671\6714327.pdf	
Bore Hole Inf	formation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Corr	s: sc: ted: tLocation S tLocation N sion Comme nment:	No formati No formati 12/5/2002 Gource: Method: ent:	ion data		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	344.119018 17 564398.6 4818667 5 margin of error : 100 m - 300 m gis	
Method of Co Use Method Cons Method Cons Other Method Pipe Informat Pipe ID: Casing No: Comment: Alt Name:	onstruction ID struction Co struction: d Construct tion	<u>& Well</u> de: ion:	966714327 0 Not Known 11085104 1				
<u>33</u>	1 of 1		NNW/205.3	334.6 / -7.31	26 LANDSDOWN DR. GUELPH ON		WWIS
Well ID: Construction Primary Wate Sec. Water US Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N) Flow Rate:	Date: se: se: atus: rial: Method: iability: liability: lrock: Bedrock: Level:):	7233393 Monitoring Observatio Z185458 A115163) on Wells		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/12/2014 Yes 7238 7 26 LANDSDOWN DR. WELLINGTON GUELPH CITY	

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1005281955	Elevation:	336.686737
Spatial Status:		Zone:	17
Code OB:		East83:	564490
Code OB Desc:		North83:	4818724
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/30/2014	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Dat Improvement Location	e: on Source:		

<u>Overburden and Bedrock</u> <u>Materials Interval</u>

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID.	1005116151
Formation ID:	1005440451
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	28
Mat3 Desc:	SAND
Formation Top Depth:	1
Formation End Depth:	7
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1005446452
Laver:	3
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	7
Formation End Depth:	13
Formation End Depth UOM:	ft

<u>Overburden and Bedrock</u> <u>Materials Interval</u>

1005446453
4
6
BROWN
06
SILT

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	28 SAND 11 GRAVEL 13 15 ft			
Overburden and Bedrock Materials Interval				
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	1005446450 1 8 BLACK 06 SILT 28 SAND 02 TOPSOIL 0 1 ft			
<u>Annular Space/Abandonment</u> <u>Sealing Record</u>				
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	1005446460 1 0 8 ft			
Method of Construction & Well Use				
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	1005446459			
Pipe Information				
Pipe ID: Casing No: Comment: Alt Name:	1005446449 0			
Construction Record - Casing				
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	1005446456 1 5 PLASTIC 3 9.5 .75 inch ft			

Map Key	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Construction	Record - So	creen					
Screen ID: Layer: Slot: Screen Top D Screen End D Screen Materi Screen Depth Screen Diame Screen Diame	epth: lepth: ial: UOM: eter UOM: eter:		1005446457 1 10 9.5 14.5 5 ft inch 0.75				
Water Details							
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM	! <u>:</u>	1005446455 ft				
<u>Hole Diameter</u>	<u>r</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth Ud Hole Diameter	OM: r UOM:		1005446454 6 0 15 ft inch				
<u>34</u>	1 of 1		NW/206.6	340.9 / -1.00	Dunsire (Landsdown) 0, 24, 26 and 28 Lands 6,9,10 and 13 Guelph ON L7L 6A5	Inc. down Dr Part of Lots	ECA
Approval No: Approval Date Status: Record Type: Link Source: SWP Area Nat Approval Typ Project Type: Business Nat Address: Full Address: Full PDF Link	e: me: e: ne: :	3265-AJC 2017-02-2 Approved ECA IDS	RTR 24 ECA-MUNICIPAL AI MUNICIPAL AND PI Dunsire (Landsdowr 0, 24, 26 and 28 Lar https://www.accesse	ND PRIVATE SEW/ RIVATE SEWAGE N I) Inc. Idsdown Dr Part of Invironment.ene.go	MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: AGE WORKS WORKS Lots 6,9,10 and 13 v.on.ca/instruments/8811-A	\EUGVK-14.pdf	
<u>35</u>	1 of 1		SSE/207.4	339.9 / -2.00	130 GORDON ST. GUELPH ON		wwis
Well ID: Construction Primary Wate, Sec. Water Us Final Well Sta Water Type: Casing Materi Audit No: Tag: Construction Elevation (m):	Date: r Use: se: tus: ial: Method:	7255103 Monitoring Observati Z224502 A197543	g on Wells		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	12/30/2015 Yes 7472 7 130 GORDON ST. WELLINGTON PUSLINCH TOWNSHIP	

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Order No: 21052700151

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:			Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map):					
Bore Hole Information					
Bore Hole ID:1005DP2BR:Spatial Status:Code OB:Code OBCode OB Desc:Open Hole:Cluster Kind:Date Completed:Date Completed:11/1Remarks:Elevrc Desc:Location Source Date:Improvement Location Source	8/2015 9 :		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	337.586975 17 564624 4818334 UTM83 4 margin of error : 30 m - 100 m wwr	
Improvement Location Metho Source Revision Comment: Supplier Comment:	d:				
Overburden and Bedrock Materials Interval					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	1005962141 2 6 BROWN 11 GRAVEL 09 MEDIUM SAND 66 DENSE 25 35 ft				
<u>Overburden and Bedrock</u> Materials Interval					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth:	1005962140 1 6 BROWN 12 STONES 09 MEDIUM SAND 66 DENSE 0 25 ft				

Overburden and Bedrock Materials Interval

Formation ID:	1005962142
Layer:	3
Color:	2
General Color:	GREY
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	35
Formation End Depth:	40
Formation End Depth UOM:	ft

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

1005962149
1
0
28
ft

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

005962150
8
0

Method of Construction & Well Use

Method Construction ID:	1005962148
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1005962139
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005962145
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	30
Casing Diameter:	2
Casing Diameter UOM:	inch

Map Key	Number Record	r of Direction/ s Distance (m)	Elev/Diff (m)	Site		DB
Casing Depth	h UOM:	ft				
<u>Construction</u>	Record - S	Screen				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mater Screen Depth Screen Diamo Screen Diamo	Depth: Depth: rial: h UOM: eter UOM: eter:	1005962146 1 10 30 40 5 ft inch 2.5				
Water Details Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UO	1005962144 V: ft				
Hole Diamete	<u>er</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	IOM: er UOM:	1005962143 7 0 40 ft inch				
<u>36</u>	1 of 1	SSE/209.0	339.9 / -2.00	1300 Gordon St Guelph ON N1L1H2		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional Int	d: e Name: Size: fo Ordered	20151109062 C Standard Report 16-NOV-15 09-NOV-15		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -80.200548 43.515103	
<u>37</u>	1 of 1	SSW/210.4	334.9 / -7.00	1289 GORDON ST Guelph ON		wwis
Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth:	Date: er Use: ise: atus: rial: n Method:): liability: lrock:	7341072 Monitoring Abandoned-Other Z315830		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession:	8/9/2019 Yes Yes 7238 7 1289 GORDON ST WELLINGTON PUSLINCH TOWNSHIP	

Мар Кеу	Number of Records	<i>Direction/ Distance (m)</i>	Elev/Diff (m)	Site		DB
Overburden/E Pump Rate: Static Water L Flowing (Y/N) Flow Rate: Clear/Cloudy:	Bedrock: .evel: :			Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Maj	p):					
<u>Bore Hole Infe</u>	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole:	100762305 :: c :	8		Elevation: Elevrc: Zone: East83: North83: Org CS:	17 564495 4818324 UTM83	
Cluster Kind: Date Complet Remarks: Elevrc Desc:	red: 7/18/2019			UTMRC: UTMRC Desc: Location Method:	4 margin of error : 30 m - 100 m wwr	
Location Sou Improvement Improvement Source Revis Supplier Com	rce Date: Location Source: Location Method: ion Comment: ment:					
<u>Pipe Informat</u>	ion					
Pipe ID: Casing No: Comment: Alt Name:	1	007865165)				
<u>Results of We</u>	ell Yield Testing					
Pump Test ID Pump Set At: Static Level: Final Level At Recommende Pumping Rate Flowing Rate	: 1 iter Pumping: d Pump Depth: 9:	007870721				
Recommende Levels UOM:	ed Pump Rate:	t				
Rate UOM: Water State A	(fter Test Code:	GPM				
Water State A Pumping Test Pumping Dura Pumping Dura Flowing:	t Met Test: t Method: 0 ation HR: ation MIN:)				
<u>38</u>	1 of 1	SSE/210.9	339.9 / -1.97	1300 GORDON STREE Guelph ON	ET	wwis
Well ID:	7127206			Data Entry Status:		
Construction Primary Wate Sec. Water Us	Date: r Use: Not Used	1 Othor		Data Src: Date Received: Selected Flag:	8/11/2009 Yes	
Water Type:	uus. Abandoned			Contractor:	7385	

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Order No: 21052700151

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Map Key Numbe Record	r of Is	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	Z90671	ttps://d2khazk8e83	rdv.cloudfront.net	Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: /moe_mapping/downloads	7 1300 GORDON STREET WELLINGTON GUELPH CITY /2Water/Wells_pdfs/712\7127206.pdf	
Bore Hole Information						
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comm Supplier Comment:	100263650 7/24/2009 Source: Method: bent:	3		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	335.7966 17 564597 4818322 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Annular Space/Abando</u> <u>Sealing Record</u>	<u>nment</u>					
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	1 1 0 7 ft	002692743				
<u>Annular Space/Abando</u> <u>Sealing Record</u>	<u>nment</u>					
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	1 3 8 1 ft	002692745 8				
<u>Annular Space/Abando</u> <u>Sealing Record</u>	nment_					
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	1 2 7 8 ft	002692744				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Annular Space	ce/Abandonment_ ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1002692746 4 18 114 ft			
<u>Method of Co</u> <u>Use</u> Method Cons Method Cons Method Cons Other Method	enstruction & Well struction ID: struction Code: struction: d Construction:	1002692751			
<u>Pipe Informa</u> Pipe ID: Casing No: Comment: Alt Name:	<u>tion</u>	1002692740 0			
<u>Construction</u> Casing ID: Layer: Material: Open Hole or	<u>Record - Casing</u> Material:	1002692748			
Depth From: Depth To: Casing Diamo Casing Diamo Casing Depth	eter: eter UOM: n UOM:	inch ft			
<u>Construction</u> Screen ID: Layer: Slot: Screen Top L Screen End L	<u>Record - Screen</u> Depth: Depth:	1002692749			
Screen Mater Screen Deptf Screen Diam Screen Diam	ial: UOM: eter UOM: eter:	ft inch			
<u>Water Details</u> Water ID: Layer: Kind Code: Kind:	1	1002692747			
Water Found Water Found <u>Hole Diamete</u>	Depth: Depth UOM: <u>er</u>	ft			
Hole ID: Diameter:	_	1002692742			

Мар Кеу	Numbe Record	r of Direction/ s Distance (m	Elev/Diff) (m)	Site		DB
Depth From Depth To: Hole Depth Hole Diamet	: UOM: ter UOM:	ft inch				
<u>39</u>	1 of 1	WNW/213.5	344.9 / 3.00	BOEHMERS FUEL 1200 GORDON STRE GUELPH CITY ON N	EET TANK TRUCK (CARGO) 1L 1H2	SPL
Ref No: Site No: Incident Dt: Year: Incident Cau Incident Eve Contaminan Contaminan Contaminan Contaminan Environmen Nature of Im Receiving M Receiving E MOE Respo Dt MOE Arvi MOE Resport Dt Documen Incident Rea Site Name: Site County, Site Geo Rea Incident Sur Contaminan	use: ent: t Code: t Name: t Limit 1: tit Freq 1: t UN No 1: tit Impact: opact: ledium: nv: nse: l on Scn: ted Dt: t Closed: ason: /District: f Meth: mmary: t Qty:	85968 1/21/1993 CONTAINER OVERFLOW POSSIBLE Vegetation LAND 3/5/1993 ERROR BOEHMERS FUE	EL-SMALL QTY FU	Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Kunicipality: Site Lot: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Geo Ref Accu: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	75101 CLEAN-UP.	
<u>40</u>	1 of 1	WNW/213.7	343.4 / 1.59	lot 5 con 8 ON		WWIS
Well ID: Construction Primary Wat Sec. Water U Final Well S Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation Re Depth to Bet Well Depth: Overburden, Pump Rate: Static Water	n Date: ter Use: Jse: tatus: erial: n Method: n): eliability: drock: /Bedrock:	6702576 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:	1 4/16/1962 Yes 1659 1 WELLINGTON GUELPH CITY (PUSLINCH TWP) 005 08 CON	

PDF URL (Map):

Flowing (Y/N):

Clear/Cloudy:

Flow Rate:

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6702576.pdf

UTM Reliability:

Zone:

Bore Hole Information

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Bore Hole ID: DP2BR: Spatial Status, Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com	1046671 68 : r :: Bedrock ed: 3/29/196 ce Date: Location Source: Location Method: on Comment: ment:	19 52		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	345.364959 17 564375.3 4818652 5 margin of error : 100 m - 300 m p5	
<u>Overburden al</u> Materials Inter	nd Bedrock rval					
Formation ID: Layer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End	: n Material: o Depth: d Depth: d Depth UOM:	932614411 1 05 CLAY 11 GRAVEL 0 15 ft				
<u>Overburden al</u> Materials Inter	nd Bedrock rval					
Formation ID: Layer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3 Mat3 Desc: Formation Top Formation End	: n Material: o Depth: d Depth:	932614413 3 2 GREY 15 LIMESTONE 68 110				
Formation End	d Depth UOM:	ft				
Invaterials Inter Formation ID: Layer: Color: General Color. Mat1: Most Commor Mat2: Mat2 Desc: Mat3:	: : n Material:	932614412 2 5 YELLOW 05 CLAY				

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	15 68 ft			
Overburden and Bedrock Materials Interval				
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932614414 4 8 BLACK 15 LIMESTONE			
<i>Mats Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	110 144 ft			
<u>Method of Construction & Well</u> <u>Use</u>				
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	966702576 1 Cable Tool			
Pipe Information				
Pipe ID: Casing No: Comment: Alt Name:	11015289 1			
Construction Record - Casing				
Casing ID: Layer: Material:	930759034 2 4			
Open Hole or Material: Depth From: Depth To: Casing Diameter:	144 4			
Casing Diameter UOM: Casing Depth UOM:	inch ft			
Construction Record - Casing				
Casing ID: Layer: Material: Open Hole or Material: Depth From:	930759033 1 1 STEEL			
<i>Depth To:</i> Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	73 4 inch ft			

Мар Кеу	Number o Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Results of We	ell Yield Test	ting					
Pump Test ID Pump Set At: Static Level: Final Level A Recommende Pumping Rate Flowing Rate Recommende Levels UOM: Rate UOM: Water State A Pumping Tes Pumping Dur Flowing:	D: fter Pumping ed Pump Dep te: ed Pump Rat After Test Co After Test: to Method: ration HR: ration MIN:	g: pth: te: ode:	996702576 27 60 60 4 4 ft GPM 1 CLEAR 1 3 0 No				
<u>Water Details</u>	i						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	:	933954916 1 FRESH 144 ft				
<u>41</u>	1 of 1		WNW/218.6	343.4 / 1.59	28 LANDSDOWN DR Guelph ON		WWIS
Well ID: Construction Primary Wate Sec. Water U. Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N), Flow Rate: Clear/Cloudy	Date: er Use: se: atus: rial: Method: i: liability: lrock: Bedrock: Level:):	7279267 Abandone Z251295	d-Other		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1/19/2017 Yes Yes 7523 7 28 LANDSDOWN DR WELLINGTON PUSLINCH TOWNSHIP	
PDF URL (Ma	ap):		https://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/downloads/2	2Water/Wells_pdfs/727\7279267.pdf	f

Bore Hole Information

Bore Hole ID: DP2BR:	1006340358	Elevation: Elevrc:	345.469268
Spatial Status:		Zone:	17
Code OB:		East83:	564370
Code OB Desc:		North83:	4818653
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Date Complet Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Con	ted: 1/10/201 rce Date: Location Source: Location Method: ion Comment: iment:	7		UTMRC Desc: Location Method:	margin of error : 30 m - 100 m wwr	
<u>Annular Spac</u> Sealing Reco	<u>e/Abandonment</u> rd					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1006527197 2 2.2 m				
<u>Annular Spac</u> Sealing Reco	e/Abandonment_ rd					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1006527199 4 33 37.5 m				
<u>Annular Spac</u> Sealing Reco	<u>e/Abandonment</u> rd					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	OM:	1006527196 1 0 2 m				
Annular Spac Sealing Reco	<u>e/Abandonment</u> rd					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1006527198 3 2.2 33 m				
<u>Method of Co</u> <u>Use</u>	nstruction & Well					
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	1006527195				
Pipe Informa	tion					
Pipe ID: Casing No: Comment: Alt Name:		1006527188 0				

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To:	r Material:	1006527193 1 1 STEEL			
Casing Diam Casing Diam Casing Depti	eter: eter UOM: h UOM:	10.16 cm m			
Construction	<u> Record - Screen</u>				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mate Screen Depti	Depth: Depth: rial: h UOM:	1006527194 m			
Screen Diam	eter UOM: eter	cm			
<u>Results of W</u>	ell Yield Testing				
Pump Test II Pump Set At Static Level: Final Level A Recommend Pumping Rate Recommend Levels UOM: Rate UOM: Water State A Pumping Tes Pumping Du Flowing: Water Details	D: fter Pumping: ed Pump Depth: te: ed Pump Rate: ed Pump Rate: After Test Code: After Test: at Method: ration HR: ration MIN: S	1006527189 12 m LPM 0 0 No			
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	1006527192 m			
<u>Hole Di</u> amete	<u>ər</u>				
Hole ID: Diameter: Depth From: Depth To:		1006527191			
Hole Depth L Hole Diamete	IOM: er UOM:	m cm			

Map Key	Numbe Record	r of Dire s Dist	ction/ ance (m)	Elev/Diff (m)	Site		DB
42	1 of 1	W/218	8.8	338.8 / -3.05	Guelph 1221 Gordon Street (ON	EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size: fo Ordered	20140925062 C Standard Select F 02-OCT-14 25-SEP-14	Report		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -80.203995 43.516496	
<u>43</u>	1 of 1	W/219	.5	345.6 / 3.73	lot 5 con 8 ON		wwis
Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Bec Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy PDF URL (Ma	n Date: er Use: lse: atus: rial: n Method:): liability: frock: Bedrock: Level:): r: ap):	6702561 Domestic 0 Water Supply https://c	2khazk8e83	3rdv.cloudfront.ne	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 1/4/1955 Yes 2521 1 WELLINGTON GUELPH CITY (PUSLINCH TWP) 005 08 CON	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Com	: s: sc: : ted: urce Date: t Location t sion Comm nment: <u>and Bedroo erval</u>	10466704 77 r Bedrock 10/16/1954 Source: Method: ent:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	343.492248 17 564335.3 4818578 9 unknown UTM p9	
Formation ID Layer: Color:):):	932614 2	346				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	r: n Material: p Depth: d Depth: d Depth: d Depth UOM:	11 GRAVEL 61 77 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID. Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En	r: n Material: p Depth: d Depth: d Depth: d Depth UOM:	932614347 3 2 GREY 15 LIMESTONE 77 101 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID. Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	r: n Material: p Depth: d Depth: d Depth UOM:	932614345 1 14 HARDPAN 0 61 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	966702561 1 Cable Tool			
<u>Pipe Informat</u> Pipe ID: Casing No: Comment: Alt Name:	<u>ion</u>	11015274 1			

Construction Record - Casing
Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930759003			
Layer:		1			
Material:		1			
Open Hole of Depth From:	r Material:	STEEL			
Depth To:		77			
Casing Diam	eter:	4			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			

Construction Record - Casing

Casing ID:	930759004
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	101
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996702561
Pump Set At:	
Static Level:	36
Final Level After Pumping:	42
Recommended Pump Depth:	
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933954901
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	101
Water Found Depth UOM:	ft

44 1 of 1	NW/222.1	340.9 / -1.00 ON		WWIS
Well ID:	6714329	Data Entry St	tatus:	
Construction Date:		Data Src:	1	
Primary Water Use:	Not Used	Date Receive	ed: 12/23/2002	
Sec. Water Use:		Selected Flag	g: Yes	
Final Well Status:	Abandoned-Other	Abandonmer	nt Rec:	
Water Type:		Contractor:	4868	
Casing Material:		Form Version	n: 1	
Audit No:	207085	Owner:		
Tag:		Street Name:		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Construction Elevation (m Elevation Re Depth to Bec Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	n Method:): liability: lrock: Bedrock: Level: '): ':			County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	WELLINGTON GUELPH CITY
PDF URL (Ma	ap):	https://d2khazk8e83	rdv.cloudfront.net	t/moe_mapping/downloads	/2Water/Wells_pdfs/671\6714329.pdf
Bore Hole In	formation				
Bore Hole ID DP2BR:	: 105365	536		Elevation: Elevrc:	344.004608

Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comm Supplier Comment:	No formation data 12/5/2002 Source: Method: nent:	Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	17 564387.6 4818680 5 margin of error : 100 m - 300 m gis
<u>Method of Constructio</u> <u>Use</u>	<u>n & Well</u>		
Method Construction I Method Construction (Method Construction: Other Method Constru	D: 966714329 Code: 0 Not Known ction:		
Pipe Information			
Pipe ID: Casing No: Comment: Alt Name:	11085106 1		
45 1 of 1	NW/226.3	342.1 / 0.24 ON	

<u>45</u>	1 O f 1	NW/226.3	342.1 / 0.24	ON		WWIS
Well ID:		6714328		Data Entry Status:		
Constructio	on Date:			Data Src:	1	
Primary Wa	ater Use:	Not Used		Date Received:	12/23/2002	
Sec. Water	Use:			Selected Flag:	Yes	
Final Well S	Status:	Abandoned-Other		Abandonment Rec:		
Water Type):			Contractor:	4868	
Casing Mat	terial:			Form Version:	1	
Audit No:		207086		Owner:		
Tag:				Street Name:		
Constructio	on Method:			County:	WELLINGTON	
Elevation (I	m):			Municipality:	GUELPH CITY	
Elevation R	eliability:			Site Info:		

DB

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy:	rock: Bedrock: Level: ::			Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Ma	p):	https://d2khazk8e8	3rdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/671\6714328.pdf	
Bore Hole Inf	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Method of Con</u> <u>Use</u> Method Cons Method Cons Method Cons Other Method	1053 The second	5535 rmation data 2002 : : : !: 966714328 0 Not Known		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	343.980896 17 564384.6 4818683 5 margin of error : 100 m - 300 m gis	
<u>Pipe Informat</u> Pipe ID: Casing No: Comment: Alt Name:	tion	11085105 1				
<u>46</u>	1 of 1	WNW/229.4	346.0 / 4.12	lot 5 con 8 ON		WWIS
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/E	6702: Date: Dome se: O atus: Wate ial: Method: : iability: rock: Bedrock:	562 estic r Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name:	1 1/31/1955 Yes 2414 1 WELLINGTON GUELPH CITY (PUSLINCH TWP) 005 08 CON	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:	evel: :			Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Maj	o):	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/download	s/2Water/Wells_pdfs/670\6702562.pdf	
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com	1046670 67 :: c: Bedrock ed: 12/24/19 rce Date: Location Source: Location Method: ion Comment: ment:	5		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	345.00531 17 564331.3 4818600 9 unknown UTM p9	
<u>Overburden a</u> <u>Materials Inte</u>	<u>nd Bedrock</u> rval					
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End	: n Material: p Depth: d Depth: d Depth UOM:	932614348 1 STONES 05 CLAY 0 64 ft				
<u>Overburden a</u> Materials Inter	<u>nd Bedrock</u> rval					
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation Top Formation End	: n Material: p Depth: d Depth: d Depth: d Depth UOM:	932614349 2 09 MEDIUM SAND 05 CLAY 64 67 ft				
<u>Overburden a</u>	nd Bedrock					

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID. Layer: Color: General Colo. Mat1: Most Commo Mat2: Mat2 Desc:	r: n Material:	932614350 3 6 BROWN 15 LIMESTONE			
Mat3: Mat3 Desc: Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	67 125 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	966702562 1 Cable Tool			
Pipe Informat	ion				
Pipe ID: Casing No: Comment: Alt Name:		11015275 1			
<u>Construction</u>	<u>Record - Casing</u>				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	Material: eter: eter UOM: UOM:	930759006 2 4 OPEN HOLE 125 4 inch ft			
Construction	<u> Record - Casing</u>				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	Material: eter: eter UOM: UOM:	930759005 1 STEEL 75 4 inch ft			
Results of We	ell Yield Testing				
Pump Test ID Pump Set At: Static Level:	:	996702562 34			

	00010
Pump Set At:	
Static Level:	34
Final Level After Pumping:	44
Recommended Pump Depth:	
Pumping Rate:	10

Map Key N R	umber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Flowing Rate: Recommended P Levels UOM: Rate UOM: Water State After Water State After Pumping Test Me Pumping Duration Flowing:	Tump Rate: Test Code: Test: thod: n HR: n MIN:	ft GPM 1 CLEAR 1 3 0 No				
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found Dep Water Found Dep	oth: oth UOM:	933954902 1 1 FRESH 100 ft				
<u>47</u> 1 o	f 1	SSE/230.1	338.5/-3.33	1300 GORDON ST. GUELPH ON		WWIS
Well ID: Construction Dat Primary Water Use: Sec. Water Use: Final Well Status. Water Type: Casing Material: Audit No: Tag: Construction Met Elevation (m): Elevation Reliabin Depth to Bedrock Well Depth: Overburden/Bedr Pump Rate: Static Water Leve Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	7255104 e: Monitori : Observa Z224507 A197544 thod: lity: c: rock: el:	tion Wells 7 4		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/30/2015 Yes 7472 7 1300 GORDON ST. WELLINGTON PUSLINCH TOWNSHIP	
Bore Hole Inform	ation					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	1005848	3908		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	335.222412 17 564615 4818307 UTM83 4 months of events 20 ms - 100 ms	
Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Commen	Date: cation Source: cation Method: Comment: nt:	10		Location Method:	margin of error : 30 m - 100 m wwr	
104 eris	<u>sinfo.com</u> Envi	ronmental Risk Info	ormation Service	es	Order No: 21052	700151

Overburden and Bedrock Materials Interval

1005962153
2
6
BROWN
11
GRAVEL
09
MEDIUM SAND
66
DENSE
25
35
ft

Overburden and Bedrock

Materials Interval

Formation ID:	1005962152
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	12
Most Common Material:	STONES
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	0
Formation End Depth:	25
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1005962154
Layer:	3
Color:	2
General Color:	GREY
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	35
Formation End Depth:	40
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

1005962161
1
0
28
ft

Annular Space/Abandonment

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sealing Reco	<u>rd</u>				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1005962162 2 28 40 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	1005962160 6 Boring			
<u>Pipe Informat</u>	ion				
Pipe ID: Casing No: Comment: Alt Name:		1005962151 0			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	Material: eter: eter UOM: • UOM:	1005962157 1 5 PLASTIC 0 30 2 inch ft			
<u>Construction</u>	Record - Screen				
Screen ID: Layer: Slot: Screen Top D Screen End D Screen Mater Screen Diamo Screen Diamo	Pepth: Pepth: ial: UOM: eter UOM: eter:	1005962158 1 10 30 40 5 ft inch 2.5			
Water Details					
Water ID: Layer: Kind Code: Kind: Water Found	Depth:	1005962156			
Water Found	Depth UOM:	ft			
Hole Diamete	<u>r</u>				
Hole ID: Diameter: Depth From:		1005962155 7 0			
106	erisinfo.com Env	vironmental Risk Info	rmation Service	es	Order No: 21052700151

Map Key	Number o Records	f Direction/ Distance (m)	Elev/Diff (m)	Site	DE	3
Depth To: Hole Depth U Hole Diamete	IOM: er UOM:	40 ft inch				
<u>48</u>	1 of 1	NNW/232.6	334.5 / -7.34	28 LANDSDOWN DR GUELPH ON	wwis	5
Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Red Depth to Bed Well Depth: Overburden/I Pump Rate:	7 Date: er Use: se: atus: A rial: Z Method:): liability: lrock: Bedrock:	278399 Abandoned-Other 2251320		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83:	1/4/2017 Yes Yes 7523 7 28 LANDSDOWN DR WELLINGTON GUELPH CITY	
Static Water Flowing (Y/N Flow Rate: Clear/Cloudy PDF URL (Ma Bore Hole Int	Level:): ap): formation	https://d2khazk8e8	3rdv.cloudfront.ne	Northing NAD83: Zone: UTM Reliability: t/moe_mapping/downloads/2	2Water/Wells_pdfs/727\7278399.pdf	
Bore Hole ID. DP2BR: Spatial Statu. Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con	: 1 s: sc: ted: 1 urce Date: t Location Sou t Location Men sion Comment nment:	006327078 2/17/2016 urce: thod: t:		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	337.0289 17 564457 4818741 UTM83 4 margin of error : 30 m - 100 m DIGIT	
<u>Annular Space</u> Sealing Reco Plug ID: Layer: Plug From: Plug To: Plug Depth U	<u>ce/Abandonm</u> ord IOM:	<u>ent</u> 1006476865 1 0 4.6 m				
<u>Method of Co</u> <u>Use</u> Method Cons Method Cons	onstruction & struction ID: struction Code	<u>Well</u> 1006476864 e:				

Map Key	Number o Records	f Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Cons Other Metho	struction: d Constructio	n:			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1006476858 0			
Construction	Record - Cas	sing			
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Depth	r Material: eter: eter UOM: h UOM:	1006476862 1 5 PLASTIC 0 4.6 5.08 cm m			
Construction	Record - Sci	reen			
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mater Screen Dept Screen Diam Screen Diam	Depth: Depth: rial: h UOM: eter UOM: eter:	1006476863 m cm			
Water Details	5				
Water ID: Layer: Kind Code: Kind: Water Found	Depth:	1006476861 m			
water Found	<i>Depth 00м:</i>				
Hole Diamete Hole ID: Diameter: Depth From:	<u>er</u>	1006476860			
Hole Depth U Hole Diamete	IOM: er UOM:	m cm			
<u>49</u>	1 of 1	ESE/233.0	339.9 / -2.00	PIPELINE HIT - 1/2" 60 ARKELL ROAD#22,,GUELPH,ON,N1L 1G8,CA ON	PINC
Incident ID: Incident No: Incident Rep Type: Status Code:	2 orted Dt: 8 F	2131124 3/3/2017 ⁻ S-Pipeline Incident		Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt:	

erisinfo.com | Environmental Risk Information Services

Order No: 21052700151

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Customer Ad Incident Add Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre Date of Occu Occurrence	Centre: Cen	ELINE HIT - 1/2" RKELL ROAD#22,,GUEL ,CA Mandated	,PH,ON,N1L	Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:	
Operation Ty Pipeline Typ Regulator Ty Summary: Reported By Affiliation: Occurrence Damage Rea Notes:	rpe: e: pe: : Desc: son:				

<u>50</u>	1 of 1	WNW/235.1	342.1 / 0.24	ON		wwis
Well ID: Construction Primary Wal Sec. Water Final Well S Water Type Casing Mate Audit No: Tag: Construction Elevation (r Elevation (r Elevation k Depth to Be Well Depth: Overburder Pump Rate: Static Wate Flow Rate: Clear/Cloud	on Date: ter Use: Use: Status: erial: on Method: n): eliability: edrock: n/Bedrock: r Level: N):	6705234 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 9/3/1974 Yes 2336 1 WELLINGTON GUELPH CITY	

PDF URL (Map):

 $https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\cite{5}234.pdf$

Bore Hole Information

Bore Hole ID:	10469329	Elevation:	345.088531
DP2BR:	68	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	564364.3
Code OB Desc:	Bedrock	North83:	4818673
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	8/8/1974	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Dat	te:		
Improvement Locati	on Source:		
Improvement Locati	on Method:		

Source Revision Comment: Supplier Comment:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DI
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID		932625456			
Laver:		4			
Color:		6			
General Colo	r:	BROWN			
Mat1: Most Commo	n Matorial:	26 ROCK			
Mat2:	ni malenai.	ROOK			
Mat2 Desc:					
Mat3:					
Mat3 Desc:	n Donth	69			
Formation TC	nd Depth:	114			
Formation Er	nd Depth UOM:	ft			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID	:	932625454			
Layer:		2			
Color:		6 RROWN			
General Colo Mat1:	r:	05			
Most Commo	on Material:	CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3 Desc:					
Formation To	op Depth:	1			
Formation Er	nd Depth:	32			
Formation Er	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID	:	932625455			
Layer:		3			
Color:		2 CDEV			
General Colo Mat1:	r:	05			
Most Commo	on Material:	CLAY			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3 Desc:					
Formation To	op Depth:	32			
Formation Er	nd Depth:	68			
Formation Er	na Depth UOM:	π			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID	-	932625457			
Layer:	•	5			
Color:		6			
General Colo	r:	BROWN			
Mat1: Most Commo	n Material:	26 ROCK			
Mat2:	ni malerial.	NOON			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc: Mat3: Mat3 Desc:					
Formation To	p Depth:	114			
Formation En	d Depth:	125			
Formation En	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID		932625453			
Laver:		1			
Color:					
General Colo	r:				
Mat1:		02			
Most Commo	n Material:	TOPSOIL			
Mat2:					
Mat2 Desc:					
Mais. Mats Dosc					
Formation To	op Depth:	0			
Formation En	nd Depth:	1			
Formation En	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	truction ID.	966705234			
Method Cons	truction Code:	2			
Method Cons	truction:	Rotary (Convent.)			
Other Method	Construction:				
Pipe Informat	tion				
<u></u>					
Pipe ID:		11017899			
Casing No:		1			
Comment:					
Alt Name:					
Construction	<u>Record - Casing</u>				
Casing ID:		930763726			
Layer:		1			
Material:	Matorial	I STEEI			
Depth From:	wateriai.	SILLE			
Depth To:		72			
Casing Diame	eter:	4			
Casing Diame	eter UOM:	inch			
Casing Depth	OM:	ft			
<u>Construction</u>	Record - Casing				
Casina ID [.]		930763727			
Layer:		2			
Material:		4			
Open Hole or	Material:	OPEN HOLE			
Depth From:					
Depth To:		125			
Casing Diame	eter:	4 			
Casing Diame	eter UOM:				
Casing Depth		π			

Results	of	Well	Yield	Testing
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Pump Test ID:	996705234
Pump Set At:	
Static Level:	36
Final Level After Pumping:	70
Recommended Pump Depth:	70
Pumping Rate:	6
Flowing Rate:	
Recommended Pump Rate:	6
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934341357
Test Type:	Recovery
Test Duration:	15
Test Level:	36
Test Level UOM:	ft

Water Details

Water ID:	933957994
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	125
Water Found Depth UOM:	ft

<u>51</u>	1 of 1	NNW/235.5	333.9 / -7.95	28 LANDSDOWN DR GUELPH ON		WWIS
Well ID: Constructio Primary Wa Sec. Water V Final Well S Water Type: Casing Mate Audit No: Tag: Constructio Elevation (n Elevation R Depth to Be Well Depth: Overburden Pump Rate: Static Wate Flow Rate:	n Date: ter Use: Use: tatus: erial: n Method: n): eliability: drock: /Bedrock: /Bedrock: v):	7278402 Abandoned-Other Z251322		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1/4/2017 Yes Yes 7523 7 28 LANDSDOWN DR WELLINGTON GUELPH CITY	
Clear/Cloud	v:			-		

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/727\7278402.pdf

Bore Hole Information

Rore Hole ID:	1006327087	Elevation:	335 049865
DP2BR:	1000021001	Elevra:	000.0+0000
Spatial Status:		Zone:	17
Code OB:		East83:	564485
Code OB Desc:		North83:	4818754
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	12/17/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date	e:		

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Plug ID:	1006477089
Layer:	1
Plug From:	0
Plug To:	1.83
Plug Depth UOM:	m

Method of Construction & Well Use

1006477088

Pipe Information

Pipe ID:	1006477082
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006477086
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.83
Casing Diameter:	2.54
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID: Layer: Slot: Screen Top Depth:

Мар Кеу	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Screen End D Screen Mater Screen Depth Screen Diame Screen Diame	Depth: ial: 1 UOM: eter UOM: eter:		m cm				
<u>Water Details</u>							
Water ID: Layer: Kind Code: Kind: Water Found	Depth:		1006477085				
Water Found	Depth UON	1:	m				
Hole Diamete	r						
Hole ID: Diameter: Depth From: Depth To:			1006477084				
Hole Depth U Hole Diamete	OM: r UOM:		m cm				
<u>52</u>	1 of 1		WNW/240.1	342.6 / 0.75	lot 5 con 8 ON		wwis
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation (m) Elevation (m) Elevation Rel Depth to Bedd Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy: PDF URL (Ma	Date: r Use: se: atus: ial: Method: : iability: rock: Bedrock: Level: : p):	6702579 Domestic 0 Water Su	; ipply https://d2khazk8e8	3rdv.cloudfront.net	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 6/2/1965 Yes 2521 1 WELLINGTON GUELPH CITY (PUSLINCH TWP) 005 08 CON	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc:	ormation s: c: ted:	10466722 69 r Bedrock 5/22/1963	2		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	345.30725 17 564357.3 4818672 5 margin of error : 100 m - 300 m p5	

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				
<u>Overburden and Bedrock</u> <u>Materials Interval</u>				
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth:	932614424 3 6 BROWN 15 LIMESTONE 69 128			
Overburden and Bedrock	it.			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	932614423 2 11 GRAVEL 12 STONES 40 69 ft			
Overburden and Bedrock Materials Interval				
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	932614422 1 05 CLAY 12 STONES 0 40 ft			
<u>Method of Construction & Well</u> <u>Use</u>				
Method Construction ID: Method Construction Code:	966702579 1			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Method Con Other Metho	struction: d Construction:	Cable Tool				
Pipe Informa	<u>ntion</u>					
Pipe ID: Casing No: Comment: Alt Name:		11015292 1				
Construction	n Record - Casing					
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Dian Casing Dian Casing Dept	r Material: neter: neter UOM: h UOM:	930759040 2 4 OPEN HOLE 128 4 inch ft				
Construction	n Record - Casing					
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Dian Casing Dian Casing Dept	r Material: neter: neter UOM: h UOM:	930759039 1 1 STEEL 76 4 inch ft				
<u>Results of N</u>	/ell Yield Testing					
Pump Test II Pump Set At Static Level: Final Level A Recommence Pumping Rat Flowing Rat Recommence Levels UOM Rate UOM: Water State Pumping Te Pumping Du Pumping Du Flowing:	D: After Pumping: led Pump Depth: te: led Pump Rate: After Test Code: After Test: St Method: ration HR: ration MIN:	996702579 35 80 80 4 4 ft GPM 1 CLEAR 1 1 0 No				
Water Detail	<u>s</u>					
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: l Depth UOM:	933954919 1 1 FRESH 128 ft				
116	erisinfo.com Env	vironmental Risk Info	rmation Service	S	Order N	lo: 21052700151

Map Key	Number Records	of Direction Distance	n/ Elev/Diff (m) (m)	Site		DB
<u>53</u>	1 of 1	NW/242.5	335.3 / -6.58	28 LANDSDOWN DR GUELPH ON	RIVE	WWIS
Well ID: Construction Primary Wat Sec. Water U Final Well S Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation (m Elevation Re Depth to Be Well Depth: Overburden, Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloud	n Date: ter Use: Jse: tatus: erial: n Method: n): eliability: drock: /Bedrock: /Bedrock: /Level: V):	7278396 Abandoned-Other Z251316 A115161		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1/4/2017 Yes Yes 7523 7 28 LANDSDOWN DRIVE WELLINGTON GUELPH CITY	

PDF URL (Map):

Bore Hole Information

Bore Hole ID: DP2BR:	1006327069	Elevation: Elevrc:	338.187988
Spatial Status:		Zone:	17
Code OB:		East83:	564438
Code OB Desc:		North83:	4818743
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	12/17/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date	9:		
Improvement Location	on Source:		
Improvement Locatio	on Method:		
Source Revision Con	nment:		
Supplier Comment:			

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	1006476711
Layer:	1
Plug From:	0
Plug To:	4.6
Plug Depth UOM:	m

```
Method of Construction & Well
Use
```

Method Construction ID:1006476710Method Construction Code:1006476710Method Construction:1006476710Other Method Construction:1006476710

Мар Кеу	Number Records	of ;	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pipe Informa	<u>tion</u>						
Pipe ID: Casing No: Comment: Alt Name:			1006476704 0				
Construction	Record - C	asing					
Casing ID: Layer: Material:			1006476708 1 5				
Open Hole or	r Material:		PLASTIC				
Depth From: Depth To:			0 4.6				
Casing Diam	eter:		1.91				
Casing Diam Casing Dept	eter UOM: h UOM:		cm m				
Construction	Record - S	<u>creen</u>					
Screen ID: Laver:			1006476709				
Slot:							
Screen Top L Screen End L	Depth: Depth:						
Screen Mater	rial:		~				
Screen Deptr	eter UOM:		cm				
Screen Diam	eter:						
<u>Water Details</u>	5						
Water ID: Layer: Kind Code: Kind:			1006476707				
Water Found Water Found	Depth: Depth UON	1:	m				
Hole Diamete	er						
	_		1006476706				
Diameter: Diameter: Depth From:			1006476706				
Depth To: Hole Depth U	IOM:		m				
Hole Diamete	er UOM:		cm				
54	1 of 1		W/242.8	338.2 / -3.63	1211 GORDON ST GUELPH ON		wwis
Well ID: Construction Primarv Wate	Date: er Use:	7244425			Data Entry Status: Data Src: Date Received:	7/10/2015	
Sec. Water U Final Well Sta Water Type:	se: atus:	Abandon	ed-Other		Selected Flag: Abandonment Rec: Contractor:	Yes Yes 6875	
Casing Mater	rial:	7000			Form Version:	7	
Audit No: Tag:		Z200165			Owner: Street Name:	1211 GORDON ST	
Construction	Method:				County:	WELLINGTON	

Order No: 21052700151

Map Key Nu Re	Imber of cords	Direction/ Distance (m)	Elev/Diff (m)	Site	
Elevation (m): Elevation Reliabili Depth to Bedrock: Well Depth: Overburden/Bedro Pump Rate: Static Water Level Flowing (Y/N): Flow Rate: Clear/Cloudy:	ity: : : :			Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	PUSLINCH TOWNSHIP
PDF URL (Map):		https://d2khazk8e83	rdv.cloudfront.ne	t/moe_mapping/downloads	/2Water/Wells_pdfs/724\7244425.pdf
Bore Hole Informa Bore Hole ID: DP2BR: Spatial Status:	10054744	23		Elevation: Elevrc: Zone:	335.627899 17
Code OB: Code OB Desc: Open Hole: Cluster Kind:	0/0/0045			East83: North83: Org CS: UTMRC:	564308 4818497 UTM83 4
Date Completed: Remarks: Elevrc Desc: Location Source D Improvement Loca Improvement Loca Source Revision C Supplier Comment	6/2/2015 Date: ation Source: ation Method: Comment: t:			UTMRC Desc: Location Method:	margin of error : 30 m - 100 m wwr
<u>Annular Space/Ab</u> <u>Sealing Record</u>	<u>andonment</u>				
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:		1005652206 1 0 ft			
<u>Annular Space/Ab</u> Sealing Record	<u>andonment</u>				
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:		1005652205 1 0 16.6 ft			
<u>Method of Constru Use</u>	uction & Well				
Method Construct Method Construct Method Construct Other Method Con	tion ID: tion Code: tion: astruction:	1005652204			
<u>Pipe Information</u> Pipe ID: Casing No: Comment:		1005652198 0			

DB

Alt Name:

Construction Record - Casing

Casing ID:	1005652202
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0
Depth To:	16.64
Casing Diameter:	10
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005652203
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

1005652201
1
6.42
ft

Hole Diameter

_

55	1 of 1	SSW/248.7	334.1 / -7.77	lot 6 con 7	
Hole Diame	eter UOM:	inch			
Hole Depth UOM:		ft			
Depth To:					
Depth From:					
Diameter:					
Hole ID:		1005652200			

<u>55</u> 1 of 1	SSW/248.7	334.1 / -7.77	ON		WWIS
Well ID:	6710051		Data Entry Status:		
Construction Date:			Data Src:	1	
Primary Water Use:	Domestic		Date Received:	11/30/1989	
Sec. Water Use:			Selected Flag:	Yes	
Final Well Status:	Water Supply		Abandonment Rec:		
Water Type:			Contractor:	4552	
Casing Material:			Form Version:	1	
Audit No:	61170		Owner:		
Tag:			Street Name:		
Construction Method:			County:	WELLINGTON	
Elevation (m):			Municipality:	PUSLINCH TOWNSHIP	
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot:	006	
Well Depth:			Concession:	07	
Overburden/Bedrock:			Concession Name:	CON	

Мар Кеу	Number o Records	f	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:	evel:				Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map	o):		https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/download	ds/2Water/Wells_pdfs/671\6710051.pdf	
<u>Bore Hole Info</u>	ormation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Desc	1 1: : Ir c: B	0473898 22 mproved Sedrock	3		Elevation: Elevrc: Zone: East83: North83:	333.51242 17 564508 4818282	
Open Hole: Cluster Kind: Date Complete Remarks:	ed: 1	0/20/198	39		Org CS: UTMRC: UTMRC Desc: Location Method:	N83 3 margin of error : 10 - 30 m	
Elevic Desc: Location Sour Improvement Improvement Source Revisi Supplier Com	rce Date: Location Sol Location Met on Comment ment:	urce: thod: t:	1999-2004 MOE Wa GIS Northing and/or Eas features).one measu Determined to be an	tter Well Data Im ting field has bee urement i improvement ra	provement Project en changed. Reasonably s ther than a Lot Centroid ir	sure well location matches sketch map (simila n December 2009.	ar
<u>Overburden al</u> <u>Materials Inter</u>	<u>nd Bedrock</u> r <u>val</u>						
Formation ID: Layer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3:	: n Material:		932646178 3 2 GREY 15 LIMESTONE				
<i>Mat3 Desc: Formation Top Formation End Formation End</i>	o Depth: d Depth: d Depth UOM	1:	122 152 ft				
<u>Overburden al</u> <u>Materials Inter</u>	<u>nd Bedrock</u> rval						
Formation ID: Layer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3 Desc:	: n Material:		932646176 1 6 BROWN 11 GRAVEL				
Formation Top Formation End Formation End	o Depth: d Depth: d Depth UOM	1:	0 20 ft				

Direction/ Distance (m)	Elev/Diff (m)	Site	DB
932646177 2 6 BROWN 05 CLAY 11 GRAVEL			
20 122 ft			
966710051 4 Rotary (Air)			
11022468 1			
930771598 1 1 STEEL 122 6 inch ft			
996710051 70 90 120 12 ft GPM 1 CLEAR 1 1 30 No			
	Direction/ Distance (m) 932646177 2 6 BROWN 05 CLAY 11 GRAVEL 20 122 ft 966710051 4 Rotary (Air) 966710051 4 Rotary (Air) 930771598 1 1 STEEL 11022468 1 1 930771598 1 1 STEEL 122 6 inch ft 996710051 70 90 120 12 ft GPM 1 CLEAR 1 1 30 No	Direction/ Distance (m) Elev/Diff (m) 932646177 2 6 BROWN 05 CLAY 11 GRAVEL	Direction/ Distance (m) Elev/Dir (m) Site 932646177 2 6 BROWN 05 CLAY 11 GRAVEL 20 122 11 20 122 tt 20 122 tt 966710051 4 Rotary (Air) 4 930771598 1 1 STEEL 2 930771598 1 1 STEEL 4 996710051 70 90 120 12 7 70 90 120 12 4 1022468 1 4 996710051 70 90 120 12 4 70 90 120 12 4 10 30 No 4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Draw Down &	Recovery				
Pump Test D Test Type: Test Duratior Test Level:	etail ID: n:	934871178 45 90			
Test Level U	ОМ:	ft			
<u>Draw Down &</u>	Recovery				
Pump Test D	etail ID:	934344833			
Test Type: Test Duration Test Level: Test Level U	п: ОМ:	15 70 ft			
<u>Draw Down &</u>	& Recovery				
Pump Test D Test Type: Test Duratior Test Level: Test Level U	etail ID: 1: DM:	935131158 60 90 ft			
<u>Draw Down &</u>	Recovery				
Pump Test D Test Type:	etail ID:	934618902			
Test Duration Test Level: Test Level U	ו: ס <i>M:</i>	30 80 ft			
Water Details	1				
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	933963589 1 FRESH 145 ft			

Unplottable Summary

Total: 15 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
СА	GUELPH CITY	EDINBURGH RD., SOUTHCREEK SUB.	GUELPH CITY ON	
СА	UNIVERSITY OF GUELPH	GORDON ST.	GUELPH CITY ON	
СА	GUELPH CITY	EDINBURGH RD., SOUTHCREEK SUBD.	GUELPH CITY ON	
CA	CITY	GORDON ST.	GUELPH CITY ON	
CA	CITY	GORDON ST.	GUELPH CITY ON	
CA	GUELPH CITY	GORDON ST., PINERIDGE SUBD.	GUELPH CITY ON	
CA	The Corporation of the City of Guelph	Gordon Street, Valley Road, Arkell Road	Guelph ON	
СА	UNIVERSITY OF GUELPH	GORDON STREET	GUELPH CITY ON	
CA	GUELPH CITY	GORDON STREET	GUELPH CITY ON	
GEN	UNIVERSITY OF GUELPH	GORDON STREET	GUELPH ON	
GEN	GUELPH, CORPORATION OF THE CITY OF	GORDON STREET RECYCLING DEPOT SOUTH OF WELLINGTON STREET	GUELPH ON	
PTTW	Diodoro Investments Ltd. c/o Victoria Park Golf Club West	Lot 5, Concession 8, City of Guelph, Wellington County CITY OF GUELPH	ON	
SPL	The Corporation of the City of Guelph	Edinburgh Rd between Ironwood and Stone Rd.	Guelph ON	
SPL	BRADSHAW OIL CORPORATION	RAINBOW GAS BAR EDINBURGH RD. TANK TRUCK (CARGO)	GUELPH CITY ON	
SPL	ONTARIO HYDRO	EDINBURGH ROAD GUELPH TRANSFORMER	GUELPH CITY ON	

Unplottable Report

Site: **GUELPH CITY** EDINBURGH RD., SOUTHCREEK SUB. GUELPH CITY ON

97

7-0473-97-

8/11/1997

Approved

3-0825-89-

Approved

Municipal sewage

89 8/10/1989

Municipal water

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: **Client Postal Code:** Project Description: Contaminants: **Emission Control:**

UNIVERSITY OF GUELPH Site: GORDON ST. GUELPH CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: **Client Postal Code: Project Description:** Contaminants: **Emission Control:**

Site: **GUELPH CITY** EDINBURGH RD., SOUTHCREEK SUBD. GUELPH CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project D Contamin Emission

3-0620-97-97 8/11/1997 Municipal sewage Approved

escription:			
ants:			
Control:			

<u>Site:</u>	CITY GORDON ST.	GUELPH CITY ON	Database: CA
Certific	ate #:	3-0004-85-006	
Applica	ation Year:	85	
105	erisinfo.o	com Environmental Risk Information Services	Order No: 21052700151

Database: CA

CA



Database:

Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7/24/85 Municipal sewage Approved

<u>Site:</u> CITY GORDON ST. GUELPH CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-0535-85-000 85 7/19/85 Municipal sewage Application Cancelled

<u>Site:</u> GUELPH CITY GORDON ST., PINERIDGE SUBD. GUELPH CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-1575-95-006 95 11/23/95 Municipal sewage Approved

<u>Site:</u> The Corporation of the City of Guelph Gordon Street, Valley Road, Arkell Road Guelph ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 6580-5K6TCA 2003 3/4/2003 Municipal and Private Sewage Works Approved

Database:

Database:

Database: CA

<u>Site:</u> UNIVERSITY OF GUELPH GORDON STREET GUELPH CITY ON

Certificate #:
Application Year:
Issue Date:
Approval Type:
Status:
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

NEW CHEM. FUMEHOOD NO. FH-112 IN RM. 318 Phenol, Chloroform, Ethyl Acetate, Methyl Alcohol, Acetone, Toluene(Pentyl Methane)(Methyl Benzene) No Controls

<u>Site:</u> GUELPH CITY GORDON STREET GUELPH CITY ON

UNIVERSITY OF GUELPH

GORDON STREET GUELPH ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

Site:

7-1127-86-86 9/18/1986 Municipal water Approved

8-2243-92-92 11/26/1992 Industrial air Approved



Database:

GEN

Database:

CA

Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0179 98 8531	200 UNIVERSITY EDUCATION	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:
<u>Detail(s)</u>			
Waste Class: Waste Class Desc:		112 ACID WASTE - HEAVY METALS	
Waste Class: Waste Class Desc:		114 OTHER INORGANIC ACID WASTES	
Waste Class: Waste Class Desc:		121 ALKALINE WASTES - HEAVY METAL	5
Waste Class: Waste Class Desc:		122 ALKALINE WASTES - OTHER METAL	S
Waste Class: Waste Class Desc:		131 NEUTRALIZED WASTES - HEAVY ME	TALS
Waste Class: Waste Class Desc:		145 PAINT/PIGMENT/COATING RESIDUE	S
Waste Class:		148	

Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	222
Waste Class Desc:	HEAVY FUELS
Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS
Waste Class:	242
Waste Class Desc:	HALOGENATED PESTICIDES
Waste Class:	243
Waste Class Desc:	PCB'S
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	267
Waste Class Desc:	ORGANIC ACIDS
Waste Class:	269
Waste Class Desc:	NON-HALOGENATED PESTICIDES
Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES

<u>Site:</u> GUELPH, CORPORATION OF THE CITY OF GORDON STREET RECYCLING DEPOT SOUTH OF WELLINGTON STREET GUELPH ON

Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0349004 92,93,97 8373 ENVIRON. ADMIN	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>			
Waste Class: Waste Class Desc:	252 WASTE OILS & LU	JBRICANTS	
<u>Site:</u> Diodoro Inve Lot 5, Conce	estments Ltd. c/o Victoria Park ssion 8, City of Guelph, Welling	Golf Club West gton County CITY OF GUELPH ON	Database: PTTW
EBR Registry No: Ministry Ref No:	IA03E0575 23024722	Decision Posted: Exception Posted:	
128 erisinfo	.com Environmental Risk Inf	ormation Services	Order No: 21052700151

Database: GEN

Notice Type:	Instrument Decision	Section:	
Notice Stage: Notice Date:	July 13, 2004	Act 1:	
Proposal Date:	April 29, 2003	Site Location Map:	
Year:	2003		
Instrument Type:	(OWRA s. 34) - Permit to Tal	ke Water	
Off Instrument Name:			
Posted By:			
Company Name:	Diodoro Investments Ltd. c/o	Victoria Park Golf Club West	
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	1159 Victoria Road South, G	uelph Ontario, N1L 1B3	
Comment Period:		•	
URL:			
Site Location Details:			

Lot 5, Concession 8, City of Guelph, Wellington County CITY OF GUELPH

Site: The Corporation of the City of Guelph Database: SPL Edinburgh Rd between Ironwood and Stone Rd. Guelph ON Ref No: 1213-88XKY4 Discharger Report: Site No: Material Group: Incident Dt: Health/Env Conseq: Year: Client Type: Incident Cause: Other Discharges Sector Type: Other Agency Involved: Incident Event: Contaminant Code: Nearest Watercourse: 13 DIESEL FUEL Contaminant Name: Site Address: Site District Office: Contaminant Limit 1: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region: Environment Impact: Not Anticipated Site Municipality: 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: 9/3/2010 Site Map Datum: 9/9/2010 Land Spills Dt Document Closed: SAC Action Class: Incident Reason: Source Type: Edinburgh Rd between Ironwood and Stone Rd.<UNOFFICIAL> Site Name: Site County/District: Site Geo Ref Meth: Guelph - 6L diesel to roadway, cont. Incident Summary: 6 L Contaminant Qty:

<u>Site:</u> BRADSHAW OIL CORPORATION RAINBOW GAS BAR EDINBURGH RD. TANK TRUCK (CARGO) GUELPH CITY ON

Ref No:	50132	Discharger Report:		
Site No:		Material Group:		
Incident Dt:	5/7/1991	Health/Env Conseg:		
Year:		Client Type:		
Incident Cause:	OTHER CONTAINER LEAK	Sector Type:		
Incident Event:		Agency Involved:		
Contaminant Code:		Nearest Watercourse:		
Contaminant Name:		Site Address:		
Contaminant Limit 1:		Site District Office:		
Contam Limit Freg 1:		Site Postal Code:		
Contaminant UN No 1:		Site Region:		
Environment Impact:	NOT ANTICIPATED	Site Municipality:	75101	
Nature of Impact:		Site Lot:		
Receiving Medium:	LAND	Site Conc:		

129

Database: SPL

Neceiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	5/7/1991 ERROR	Northing: Easting: FD Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type: BRADSHAW OIL CORP 40 LGASOLINE ONTO PAVEMENT DUE TO OVERFILLING TANK.	
<u>Site:</u> ONTARIO HYDRO			Database:
EDINBURGH ROAD GUELPH TRANSFORMER GUELPH CITY ON			SPL

Ref No: 58726 Discharger Report: Site No: Material Group: 10/17/1991 Incident Dt: Health/Env Conseq: Year: Client Type: Incident Cause: COOLING SYSTEM LEAK Sector Type: Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Contaminant Limit 1: Site District Office: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region: Environment Impact: POSSIBLE Site Municipality: 75101 Nature of Impact: Soil Contamination Site Lot: Receiving Medium: LAND Site Conc: Receiving Env: Northing: MOE Response: Easting: Dt MOE Arvl on Scn: Site Geo Ref Accu: MOE Reported Dt: 10/17/1991 Site Map Datum: Dt Document Closed: SAC Action Class: OVERSTRESS/OVERPRESSURE Incident Reason: Source Type: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: ONTARIO HYDRO - 270 L 0.3 PPM PCB MINERAL OIL TO GRND AT TRANSF. STN.

130

Contaminant Qty:

Order No: 21052700151

supplies industry. Information is provided on the company name, location and business type.

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: AAGR The MAAP Program maintains a database of abandoned pits and guarries. 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*

Provincial Aggregate Inventory: 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

Provincial Abandoned Mine Information System: 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:

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:

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:

131

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

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts &

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

AUWR

AST

Provincial

Private

Provincial

ANDR

Private

Certificates of Approval:

Dry Cleaning Facilities:

Commercial Fuel Oil Tanks:

Government Publication Date: 1985-Oct 30, 2011*

Government Publication Date: Jan 2004-Dec 2018

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

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).

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

Chemical Manufacturers and Distributors:

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

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

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

Chemical Register:

Government Publication Date: 1999-Dec 31, 2020

Please refer to those individual databases for any information after Oct.31, 2011.

tetrachloroethylene to the environment from dry cleaning facilities.

Compressed Natural Gas Stations:

Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 - Apr 2021

Inventory of Coal Gasification Plants and Coal Tar Sites: This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Certificates of Property Use:

132

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.

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.*

have been found guilty of environmental offenses in Ontario courts of law. Government Publication Date: 1989-Nov 2020

Government Publication Date: 1994-Mar 31, 2021

Provincial

Federal

Provincial CFOT

CHM

Private

Private

Private

Provincial

Provincial

Provincial CPU

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and

CA

CDRY

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

CNG

COAL

CONV

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here

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Drill Hole Database:

Delisted Fuel Tanks:

Environmental Registry:

Environmental Activity and Sector Registry:

Government Publication Date: Jul 31, 2020

company map; or from submitted a "Report of Work". Government Publication Date: 1886 - Sep 2020

regulatory agency under Access to Public Information.

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

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

activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of

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

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:

ERIS Historical Searches:

133

Environmental Compliance Approval:

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 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:

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*

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

Provincial On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain

Provincial

Provincial The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect

Provincial

Federal

Private

Federal

DRI

EASR

FBR

FCA

EEM

EHS

FIIS

Emergency Management Historical Event: List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC)

Environmental Penalty Annual Report: This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change.

Government Publication Date: Dec 31, 2016

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

covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

List of Expired Fuels Safety Facilities:

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

Contaminated Sites on Federal Land:

Federal Convictions:

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*

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

These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors

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

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

Government Publication Date: Jun 2000-Apr 2021

Fisheries & Oceans Fuel Tanks:

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

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and

Federal Identification Registry for Storage Tank Systems (FIRSTS):

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:

134

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

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Provincial

Provincial

Provincial

Federal

Provincial

EPAR

EXP

FCON

FCS

FOFT

FRST

FST

Federal

Federal

Federal
Order No: 21052700151

Fuel Storage Tank - Historic:

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: 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

Government Publication Date: 1986-Jan 31, 2021

Greenhouse Gas Emissions from Large Facilities:

dioxide equivalents (kt CO2 eq). Government Publication Date: 2013-Dec 2019

transferred.

Provincial **TSSA Historic Incidents:** 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:

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*

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

Fuel Oil Spills and Leaks:

Landfill Inventory Management Ontario:

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:

135

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*

Provincial

Private

IAFT

Provincial

Provincial

Federal

Federal

GEN

GHG

FSTH

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon

Provincial

MINE

INC

LIMO

Mineral Occurrences: 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):

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: 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.

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of

Government Publication Date: Dec 31, 2019

National Defense & Canadian Forces Fuel Tanks:

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*

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on

National Defense & Canadian Forces Spills:

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

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.

jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Government Publication Date: 2008-Mar 31, 2021

National Defence & Canadian Forces Waste Disposal Sites:

National Energy Board Wells:

136

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.

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

Government Publication Date: 1920-Feb 2003*

Provincial

Federal

Federal

Federal

Federal

NATE

NDFT

NDSP

NDWD

NFBI

NEBP

Provincial

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified

Federal

Federal

MNR

National Environmental Emergencies System (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:

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:

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

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.

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

Government Publication Date: 1988-Feb 28, 2021

Ontario Oil and Gas Wells:

Oil and Gas Wells:

Orders:

137

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: 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

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: 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:

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

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OGWF

NPCB

Provincial

Provincial

Private

Federal

NFFS

Federal

Federal

Private

Provincial

Federal

NPRI

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

ORD

PCFT

138

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:

Pesticide Register:

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

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*

Private and Retail Fuel Storage Tanks:

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: 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

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).

Ontario are part of the MOE's Environmental Protection Act, Part X.

Retail Fuel Storage Tanks:

Government Publication Date: 1999-Dec 31, 2020

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.

Provincial **Ontario Spills:** 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

Record of Site Condition:

Permit to Take Water:

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

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.

Scott's Manufacturing Directory:

Government Publication Date: 1992-Mar 2011*

Government Publication Date: 1988-Aug 2020

erisinfo.com | Environmental Risk Information Services

Private

Provincial

PES

PINC

PRT

PTTW

Provincial

Provincial

RSC

RST

Provincial

Provincial

Private

Provincial

SCT

SPL

Order No: 21052700151

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Provincial **WWIS** information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are

Water Well Information System: This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such

Government Publication Date: Up to Oct 1990*

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

detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Apr 30, 2020

Government Publication Date: Jul 31, 2020

Records are not verified for accuracy or completeness.

Provincial Waste Disposal Sites - MOE CA Inventory: 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:

ERIS's Private Source Database section, by the CA number.

Government Publication Date: 1915-1953*

for research purposes only.

from this code requirement.

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 Government Publication Date: 1970 - Dec 2020

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

Variances for Abandonment of Underground Storage Tanks:

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands,

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

Transport Canada Fuel Storage Tanks: Federal TCFT Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

sampling information is now collected and stored within the Sample Result Data Store (SRDS). Government Publication Date: 1990-Dec 31, 2018 Private Anderson's Storage Tanks:

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

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

TANK

VAR

WDSH

Provincial

Provincial

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,

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.

<u>Map Key:</u> 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.'

<u>Unplottables:</u> 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.



APPENDICES

APPENDIX C CORRESPONDENCE WITH REGULATORY AGENCIES

5-2705-23-01/R527052301001.docx

From:	Public Information Services <publicinformationservices@tssa.org></publicinformationservices@tssa.org>
Sent:	Thursday, May 27, 2021 12:49 PM
То:	Andrea Fried
Subject:	RE: UST Information

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

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

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

For a further search in our archives please complete our release of public information form found at <u>https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392</u> and email the completed form to <u>publicinformationservices@tssa.org</u> 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,

Sherees



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

From: Andrea Fried <andrea.fried@xcg.com>
Sent: May 27, 2021 11:29 AM
To: Public Information Services <publicinformationservices@tssa.org>
Cc: Ciara Leigh <ciara.leigh@xcg.com>
Subject: UST Information

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

Hello,

I'd like to kindly ask for any information on USTs for the following properties in Guelph:

1216 Gordon St. 1226 Gordon St. 1236 Gordon St. 1242 Gordon St. 1250 Gordon St. 1260 Gordon St. 1270 Gordon St. 1274 Gordon St. 1280 Gordon St. 1284 Gordon St. 1291 Gordon St. 1231 Gordon St.

Thank you,

Andrea Fried, B.Sc.Env. Environmental Field Technician

XCG Consulting Limited

Environmental Engineers & Scientists 820 Trillium Drive Kitchener, Ontario, Canada N2R 1K4 www.xcg.com T 519 741 5774 x7286 | C 516 635 0849 | <u>Andrea.Fried@xcg.com</u>

Please consider the environment before printing this email.

This message is intended only for the addressee. It may contain privileged or confidential information. Any unauthorized disclosure is strictly prohibited. If you have received this message in error, please notify us immediately so that we may correct our internal records. Please then delete the original message. Thank you.

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

From:	Public Information Services < publicinformationservices@tssa.org >
Sent:	Thursday, May 27, 2021 12:20 PM
То:	Ciara Leigh
Subject:	RE: UST Search 5-2705-23-01

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

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

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

For a further search in our archives please complete our release of public information form found at <u>https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392</u> and email the completed form to <u>publicinformationservices@tssa.org</u> 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,

Sherees



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

From: Ciara Leigh <ciara.leigh@xcg.com> Sent: May 27, 2021 11:02 AM To: Public Information Services <publicinformationservices@tssa.org> Subject: UST Search 5-2705-23-01

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

Hello,

Can you please search for UST records for the following properties in Guelph:

34 Landsdown Drive 9, 11, 15 (Unit 1, 3, 5, 7) Valley Road

Thanks! Ciara

Ciara Leigh, B.Sc.E., P.Eng. Project Engineer

XCG Consulting Limited

Environmental Engineers & Scientists 820 Trillium Drive Kitchener, Ontario, Canada N2R 1K4 www.xcg.com T 519 741 5774 x7236 | F 519 741 5627 | C 226 808 5667



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This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.



APPENDICES

APPENDIX D SITE PHOTOGRAPHS

5-2705-23-01/R527052301001.docx





Photo 1: View of the northeast portion of the subject site, looking north.



Photo 2: View of the property located at 9 Valley Road of the northwest portion of the subject site, looking south.

XCG



Photo 3: View of the southeast side of the dwelling located at 1270 Gordon Street looking north.



Photo 4: View of the sump pump in northeast portion of the basement of the dwelling at 1270 Gordon Street.

MXCG



Photo 5: View of the shed located at the northeast portion of the property located at 1242 Gordon Street, looking west.



Photo 6: View of the inside of the shed located at the northeast portion of the property located at 1242 Gordon Street.



Photo 7: View of the shed located at the southwest portion of the property located at 1242 Gordon Street, looking northwest.



Photo 8: View of the pile of furniture located at the northeast portion of the property located at 1250 Gordon Street, looking north.



Photo 9: View of the debris pile with gasoline containers located in the center of the property located at 1260 Gordon Street, looking west.



Photo 10: View of the burn pile with oil cans located in the center of the property located at 1260 Gordon Street, looking north.

M XCG



Photo 11: View of the adjacent property to the northeast of the subject site, looking north.



Photo 12: View of the adjacent properties to the northwest of the subject site, looking west.

M XCG



Photo 13: View of the adjacent properties to the northwest of the subject site from Valley Road, looking north.



Photo 14: View of the adjacent properties to the west of the subject site, looking southwest.

XCG



Photo 15: View of the adjacent properties to the southwest if the subject site, looking west.



Photo 16: View of the adjacent properties to the southwest of the subject property, looking northeast.



SITE PHOTOGRAPHS



Photo 17: View of the adjacent property to the southwest, looking west.



Photo 18: View of the adjacent property to the southwest of the subject site, looking southwest.