Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Services

patersongroup

Phase I-Environmental Site Assessment

3430 Carling Avenue Ottawa, Ontario

Prepared For

3430 Carling Property Inc.

Paterson Group Inc.

Consulting Engineers 154 Colonnade Road South Ottawa (Nepean), Ontario Canada K2E 7J5

Tel: (613) 226-7381 Fax: (613) 226-6344 www.patersongroup.ca

February 12, 2021

Report: PE5191-1

TABLE OF CONTENTS

EXEC	UTIV	E SUMMARY	ii
1.0	INTR	ODUCTION	1
2.0	PHAS	SE I PROPERTY INFORMATION	2
3.0	SCO	PE OF INVESTIGATION	3
4.0	RECO	ORDS REVIEW	4
	4.1	General	4
	4.2	Environmental Source Information	6
	4.3	Physical Setting Sources	10
5.0	INTE	RVIEWS	13
6.0	SITE	RECONNAISSANCE	14
	6.1	General Requirements	14
	6.2	Specific Observations at Phase I Property	14
7.0	REVI	EW AND EVALUATION OF INFORMATION	17
	7.1	Land Use History	17
	7.2	Conceptual Site Model	
8.0	CON	CLUSIONS	25
8.1	Ass	sessment	25
8.2	2 Red	commendations	26
9.0	STAT	EMENT OF LIMITATIONS	27
10.0	REFE	RENCES	28

List of Figures

Figure 1 - Key Plan Figure 2 - Topographic Map Drawing PE5191-1 - Site Plan Drawing PE5191-2 - Surrounding Land Use Plan

List of Appendices

- Appendix 1 Aerial Photographs Site Photograph Chain of Title
- Appendix 2 MECP Freedom of Information MECP Well Records City of Ottawa HLUI Search TSSA Correspondence ERIS Report

Appendix 3 Qualifications of Assessors

EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Mr. Ralph Esposito, Jr. with 3430 Carling Properties Inc., to conduct a Phase I-Environmental Site Assessment (ESA) for the property addressed 3430 Carling Avenue, in the City of Ottawa, Ontario. The purpose of this Phase I-ESA was to research the past and current use of the Phase I Property and 250m study area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical research, the Phase I Property was vacant land possibly used for agricultural purposes, until developed with a motel in 1953. The motel reportedly operated until the late 1960's after which time the subject land remained vacant until purchased by Mr. Di Franco, the current property owner, in 1983. At this time, the property was redeveloped with the original portion of the current restaurant building, and associated parking lot. Circa 1985, a second building was developed on the western portion of the Phase I Property and was operated as a pub. This building was demolished in the early 2000's, in conjunction with building additions made to the original structure. No potential environmental concerns were identified with regards to the historical use of the Phase I Property.

Historical land use in the surrounding area was used primarily for residential purposes with two commercial properties: a retail fuel outlet at 4320 Carling Avenue and a reported dry cleaner at 2 Ullswater Drive. The retail fuel outlet (RFO) on the adjacent property to the east (3420 Carling Avenue) was present from the 1970's through 2011 when the original retail fuel outlet was decommissioned, and the property was redeveloped with a new RFO and kiosk. The pump island and tank nest associated with the original RFO were situated approximately 60m east of the Phase I Property, while the ancillary equipment associated with the newer RFO are situated 70 to 85m east of the Phase I Property.

Given the separation distances, the cross-gradient orientation of the Phase I Property with respect to the RFO property, the low permeability of the underlying native silty clay soils in combination with information in our files, the historical and existing RFOs at 3420 Carling Avenue are not considered to represent an area of potential environmental concern (APEC) on the Phase I Property.

The reported dry cleaners at 2 Ullswater Avenue is situated approximately 180m west of the Phase I Property and is not considered to represent an APEC on the subject land based on the separation distance and cross-gradient orientation with respect to the Phase I Property.

Following the historical research, a site visit was conducted. The Phase I Property is largely vacant, asphaltic paved parking with a commercial building (restaurant) situated on the east side of the site. At the time of the site visit, the paved areas were covered with ice; the property owner indicated that snow is removed from the property by a contractor, however salt is generally not used on the Phase I Property. Minimal amounts may be used during the event of an ice storm, for safety purposes, however sand is typically used for this purpose. No potential environmental concerns were noted with the current use of the Phase I Property.

Surrounding land use consists of primarily residential with commercial properties at 3420 Carling Avenue (retail fuel outlet) and 2 Ullswater Drive (Crystal Beach Plaza: retail and offices). As previously discussed, the presence of the RFO is a PCA that does not represent an APEC on the Phase I Property based on the separation distance and cross-gradient orientation with respect to the subject land and the presence of low permeability soils in the immediate area of the Phase I Property in combination with information in our files.

Based on the results of the assessment, **it is our opinion, that a Phase II Environmental Site Assessment is not required for the Phase I Property** and that a Record of Site Condition can be filed based on the findings of the Phase I ESA, to support the change in land use from commercial to residential.

Recommendations

It is our understanding that the subject structure will be demolished in conjunction with future redevelopment. Prior to any demolition activities, a designated substance survey (DSS) must be conducted for the existing structure, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

1.0 INTRODUCTION

At the request of 10731854 Canada Inc., Paterson Group (Paterson) conducted a Phase I-Environmental Site Assessment (Phase I-ESA) for the property addressed 3430 Carling Avenue, in the City of Ottawa, Ontario, herein referred to as the Phase I Property. The purpose of this Phase I-ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject land.

Paterson was engaged to conduct this Phase I-ESA by Mr. Ralph Esposito, Jr. with 3430 Carling Properties Inc., the offices of which are located at 555 Legget Drive, Suite 304, Tower A, Kanata, Ontario. Mr. Esposito can be reached by telephone at 514-294-4355.

This report has been prepared specifically and solely for the above noted project which is described herein. It contains all of our findings and results of the environmental conditions at this site.

This Phase I-ESA report has been prepared in general accordance with the requirements of Ontario Regulation (O.Reg.) 153/04, as amended, under the Environmental Protection Act, and also complies with the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I-ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as local, provincial and federal agencies, and was limited within the scope-of-work, time and budget of the project herein.

2.0 PHASE I PROPERTY INFORMATION

Address:	3430 Carling Avenue Ottawa, Ontario			
Legal Description:	Part of Lot 12 of Registered Plan 5R6707, Parts 7 through 16, Concession 1, in the City of Ottawa, Ontario			
Property Identification				
Number:	04707-0090			
Location:	The site is located on the south side of Carling Avenue, approximately 160 m east of Ullswater Drive, in the City of Ottawa, Ontario. Refer to Figure 1 - Key Plan in the Figures section following the text.			
Latitude and Longitude:	45° 21' 7.48" N, 75° 50' 12.71" W			
Site Description:				
Configuration:	Irregular			
Site Area:	3,945 m ² (approximately)			
Zoning:	GM – General Mixed-Use Zone			
Current Use:	The subject site is occupied a restaurant/bar (Villa Lucia) with associated parking.			
Services:	The site is located in a municipally serviced area.			

3.0 SCOPE OF INVESTIGATION

The scope of work for this Phase I – Environmental Site Assessment was as follows:

- Determine the historical activities on the subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases, and regulatory agencies;
- Investigate the existing conditions present at the subject site and study area by conducting site reconnaissance;
- □ Conduct interviews with persons knowledgeable of current and historic operations on the subject property, and if warranted, neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements of O.Reg. 153/04, as amended, under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01;
- Provide a preliminary environmental site evaluation based on our findings;
- □ Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

4.0 RECORDS REVIEW

4.1 General

Phase I-ESA Study Area Determination

A radius of approximately 250 m was determined to be appropriate as a Phase I study area for this assignment. Properties outside the 250 m radius are not considered to have impacted the subject land, based on their significant distance from the site.

First Developed Use Determination

Based on a review of aerial photographs, the Phase I Property was vacant, undeveloped land in 1951, and subsequently developed with an apparent commercial building in 1958. A well record identified for the Phase I Property indicates that a potable well was installed in 1953 to supply an on-site motel. For the purposes of this report, the Phase I Property is therefore considered to have been first developed in 1953 for commercial purposes.

National Archives

Fire Insurance Plans (FIPs) are not available for Phase I Property or the Phase I Study Area.

City directories were reviewed for the Phase I Property and surrounding properties within the 250m study area, from 1988/89 to 2011. It should be noted that the Ottawa Directories were not available for the Phase I Study Area prior to 1988/89.

According to the city directories, the Phase I Property was listed as Villa Lucia, the existing establishment, from 1988 to 2011. Neighbouring properties within the 250m study area were primarily residential dwellings. Commercial retail fuel outlets (RFOs) were listed at 3420 Carling Avenue, the adjacent property to the east, from the 1980s to 2011.

Based on a review of historical aerial photographs (discussed further below), and information in our files, the former underground storage tanks (USTs) and pump islands associated with the original retail fuel outlet were situated on the northeastern portion of 3420 Carling Avenue, over 65 m east of the Phase I Property. This property was redeveloped with a new retail fuel outlet (RFO) between 2009 and 2011; the pump island and tank nest associated with the newer RFO are situated approximately 70m and 85m east of the Phase I Property.

Given the separation distances, the cross-gradient orientation of the Phase I Property with respect to the RFO property, and low permeability of the underlying native silty clay soils (discussed further below), in combination with information in our files, the historical and existing RFOs at 3420 Carling Avenue are not considered to represent an area of potential environmental concern (APEC) on the Phase I Property.

No other PCAs were identified within the Phase I Study Area based on a review of the City Directories.

Chain of Title

Paterson verified the past and current land title for the Phase I Property with Read Abstracts Limited. The chain of title was reviewed for the Phase I Property, referred to as Part of Lot 12 of Registered Plan 5R6707, Parts 7 through 16, Concession 1, in the City of Ottawa, Ontario.

According to the title search, 3430 Carling Avenue was first registered by Nancy McGuire in 1808. The deed was transferred over the years to various private individuals until 1975, when the property was acquired by Skaff Restaurant Limited, followed by Compari Restaurant Ltd. in 1983. No PCAs were identified on the Phase I Property during the title search review. A copy of the chain of title is provided in Appendix 1.

Plan of Survey

A survey plan of the Phase I Property was not available for review; however, the City of Ottawa electronic mapping website (geoOttawa) shows the Phase I Property in its current configuration.

Previous Engineering Reports

Paterson has been involved in past environmental assessments for nearby residential properties to the east of the Phase I Property. During these assessments, information was reviewed pertaining to 3420 Carling Avenue. Based on the information in our files, in combination with the separation distance of the current and historical ancillary equipment associated with the retail fuel outlet (RFO) in relation to the Phase I Property, the northerly groundwater flow direction and the low permeability of the underlying native silty clay soils, it is our opinion that the property at 3420 Carling Avenue is not considered to have impacted the Phase I Property.

Based on a review of the information in our files, a reported dry cleaner was historically present at 2 Ullswater Drive, approximately 180m west of the Phase I Property. Based on the separation distance and cross-gradient orientation with respect to the subject land, the former reported dry cleaner is not considered to represent an APEC on the Phase I Property.

Based on the findings of a March 2019 Geotechnical Investigation carried out by Paterson, (Report: PG4836-1, dated October 1, 2019), the soil profile on the Phase I Property generally consists of a pavement structure over native silty clay, underlain by silty clay to clayey silt glacial till. The boreholes were terminated at a maximum depth of 10 m BGS. Bedrock was not encountered, however practical refusal to Dynamic Cone Penetration Test was achieved at approximately 10.03m below grade. Three (3) of the boreholes were completed with monitoring well installations as part of the Geotechnical Investigation. Groundwater levels were measured at depths ranging from approximately 4.8 to 5.3m below ground surface.

No visual or olfactory indications of potential contamination were identified during the field program.

4.2 Environmental Source Information

Areas of Natural Significance

A search for areas of natural significance and features within the Phase I Study Area was conducted on the website of the Ontario Ministry of Natural Resources (MNR) on January 21, 2021. The search did not reveal any areas of natural significance within the Phase I Study Area.

PCB Inventory

A search of national PCB waste storage sites was conducted on January 21, 2021. No PCB waste storage sites are located within the Phase I Study Area.

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on January 21, 2021. Based on the search results, the Phase I Property and other properties within the 250m study area are not listed in the NPRI.

Ministry of the Environment, Conservation and Parks (MECP) Instruments

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the site. The request was made in 2019 as part of a previous historical review of the property.

Based on the FOI response dated October 9, 2019, there are no records that pertain to the Phase I Property. A copy of the FOI response is appended to this report.

MECP Submissions

A request was submitted to the MECP FOI office for information with respect to reports related to environmental conditions for the property. Based on the FOI response, there are no records that pertain to the Phase I Property. A copy of the FOI response is appended to this report.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records. Based on the FOI response, there are no records that pertain to the Phase I Property. A copy of the FOI response is appended to this report.

MECP Incident Reports

A request was submitted to the MECP FOI office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the site or adjacent properties. Based on the FOI response, there are no records that pertain to the Phase I Property. A copy of the FOI response is appended to this report.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the site. No Municipal Coal Gasification Plant Sites are located within the Phase I Study Area.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment for the site, neighbouring properties and the general area of the site. No Records of Site Condition (RSCs) were filed for the Phase I Property or any other properties within the Phase I Study Area.

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. There are no former waste disposal sites located within the vicinity of the Phase I Study Area.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto was contacted electronically on January 21, 2021, to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. Several records were identified for the property at 3420 Carling Avenue, including records for an active fuel service station, an active cylinder exchange and four active tanks. As previously discussed, the RFO at 3420 Carling Avenue is not considered to represent an APEC on the Phase I Property, based on the separation distance of the USTs and pump island, approximately more than 70 m east of the Phase I Property and cross-gradient orientation. A copy of the TSSA correspondence is included in Appendix 2.

City of Ottawa Landfill Document

The document entitled "Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa", was reviewed. There are no closed landfill sites within the vicinity of the Phase I study area.

City of Ottawa Historical Land Use Inventory (HLUI)

A request for a search of the City of Ottawa's Historical Land Use Inventory (HLUI2005) database was submitted to the City of Ottawa for the Phase I Property and surrounding lands in 2019. It should be noted that the HLUI2005 database has not been updated since the receiving the initial response letter dated October 2019, and as such, a new HLUI application was not submitted as part of this assessment.

According to the City of Ottawa's HLUI response letter, no activities associated with the Phase I Property were identified. Three (3) activities that are considered PCAs were identified in the Phase I Study Area: Nortel Networks (200 m west of the site); the previously identified coin wash and dry cleaners at 2 Ullswater Drive; and the previously discussed RFO at 3420 Carling Avenue.

As previously discussed in this report, the latter two (2) PCAs are not considered to represent APECs on the Phase I Property.

The former activity (Nortel Networks) is not considered to pose a risk to the Phase I Property, based on the significant separation distance.

No PCAs resulting in APECs on the Phase I Property were identified during the HLUI review. A copy of the HLUI response is provided in Appendix 2.

ERIS Report

An ERIS (Environmental Risk Information Service) Search Report, dated January 26, 2021, was obtained for the Phase I Property and properties within the study area.

Based on the ERIS report, there were no records identified regarding the Phase I Property.

According to the ERIS report, several records from various databases were identified for properties within the Phase I Study Area: Certificates of Approvals (CAs), TSSA related records, Spills and Incident reports and waste generator The CAs were associated with municipal sewer and water works on records. properties more than 200 m from the Phase I Property. Based on the nature of these reports, the CAs are no considered to represent potentially contaminating activities (PCAs). The TSSA related records, spills and incident reports as well as waste generation records were associated with the RFO at 3420 Carling Avenue. adjacent to the east of the Phase I Property. Several expired fuel tanks and active tank records were reviewed as well as an incident record from 2017. According to the incident record, approximately 13-L of gasoline was released as a result of a malfunctioning gas pump. The spill was reportedly cleaned up. As previously discussed, the former USTs and pump island were situated more than 65 m east and cross-gradient from the Phase I Property and as such, the records identified in the ERIS report are not considered to pose any risk to the Phase I Property.

No PCAs resulting in APECs on the Phase I Property were identified during the review of the ERIS report. A copy of the ERIS report is included in Appendix 2.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the National Air Photo Library were reviewed in approximate ten (10) year intervals. Based on the review, the following observations have been made:

- 1951 The Phase I Property is vacant, undeveloped land, potentially used for agricultural purposes. Carling Avenue and a residential dwelling are present to the north of the Phase I Property. Otherwise, the adjacent and neighbouring properties are vacant, undeveloped lands with occasional residential dwellings further north and east of the Phase I Property.
- 1958 The Phase I Property appears to have been developed for commercial purposes. A building occupies the southwestern portion of the site, with several smaller structures apparent on the central portion of the site, north of the aforementioned building. Additional residential development has occurred further east of the Phase I Property, along both sides of Carling Avenue. The adjacent and neighbouring properties otherwise remain unchanged from the previous photograph.
- 1965 The Phase I Property appears to remain unchanged from the previous photography. A residential subdivision has been developed to the south of the Phase I Property. The adjacent property to the east appears to have been developed with a commercial building. The adjacent land to the west remains vacant. Additional residential development has occurred further northeast of the Phase I Property across Carling Avenue.
- 1976 No significant changes appear to have been made to the Phase I Property. Additional commercial development appears to have occurred on the adjacent property to the east; the most recent development appears to be a retail fuel outlet. The adjacent land to the west has been developed for residential purposes. No other significant changes appear to have been made to the adjacent and neighbouring properties.
- 1983 The Phase I Property appears to have be redeveloped with a commercial building situated on the southeast portion of the site.

The remainder of the subject land appears to be paved. No changes appear to have been made to adjacent and neighbouring properties, however it should be noted that the aerial photograph is of poor quality.

- 1991 The Phase I Property has been developed with a second building, situated on the northwest portion of the site. No other changes appear to have been made to the Phase I Property. Surrounding properties appear to remain unchanged from the previous photograph.
- 2005 An addition appears to have been made to the original building situated on the southeast portion of the Phase I Property, while the building on the northwest portion of the site (noted in the previous aerial) is no longer present.

The adjacent property to the east has been redeveloped with a new retail fuel outlet and kiosk. Otherwise, no apparent changes have been made to the adjacent and neighbouring properties.

2017 The Phase I Property remains unchanged from the previous photograph and appears as it currently exists. No significant changes appear to have been made to the adjacent and neighbouring properties with the exception of an apparent residential property under development to the north, across Carling Avenue.

Copies of selected aerial photographs reviewed are included in Appendix 1.

Topographic Maps

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. The topographic maps indicate that the regional topography in the general area of the Phase I Property slopes downwards in a northerly direction towards the Ottawa River. The Ottawa River is located approximately 165 m to the north of the Phase I Property. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

The Ontario Geological Survey publication 'The Physiography of Southern Ontario, Third Edition' was reviewed as a part of this assessment. According to the publication, the site is situated within the Ottawa Clay Plain physiographic region.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Bedrock in the area of the Phase I Property is reported to consist of dolomite of the Oxford Formation. Based on the mapping, overburden on the Phase I Property consists of offshore marine sediments of erosional terraces with a drift thickness ranging from 10 to 15.

Water Bodies and Areas of Natural Significance

No water bodies or areas of natural significance are known to exist on the Phase I Property. The Ottawa River is located approximately 165m north of the Phase I Property, within the Phase I Study Area.

Water Well Records

The MECP online interactive well record mapping system was accessed on January 21, 2021, to conduct a search for all drilled wells within 250 m of the Phase I Property. The search returned a total of forty-six (46) records: eighteen (18) potable wells, twenty-two (22) monitoring wells, and six (6) decommissioned wells.

One potable well record was identified for the Phase I Property. According to the well record, dated 1953, the Phase I Property was occupied by a motel at this time. The site stratigraphy was identified as clay extending to 7.6m below ground surface (m BGS), followed by glacial till extending to 10.7m BGS, underlain by limestone bedrock. The well depth was recorded as approximately 36 m BGS; clear groundwater was identified at 18m BGS. No records of monitoring wells were identified for the Phase I Property.

Eighteen (18) potable well records were identified for properties within the Phase I Study Area. The well records indicated that wells were drilled between 1950 and 1961, to depths extending to a maximum of 50m BGS; the stratigraphy encountered was topsoil underlain by native silty clay, followed by limestone bedrock. Clear groundwater was reportedly intercepted in the bedrock.

Although abandonment records were not identified for the potable wells, these wells are considered to have been decommissioned as the Phase I Property and properties within the Phase I Study Area are currently provided with municipal services. A copy of the well records has been included in Appendix 2.

Three (3) monitoring wells were placed on the Phase I Property as part of the 2019 Geotechnical Investigation. The monitoring wells were installed within the Glacial Till overburden. at depths ranging from approximately 9.0 to 9.4m below grade. Water levels were measured at depths ranging from approximately 4.8 to 5.3m below grade.

Monitoring well records were identified for the RFO at 3420 Carling Avenue, adjacent to the east of the Phase I Property, as well as for the residential properties at 2 Crystal Beach Drive and 1 Ullswater Drive, two properties east and adjacent to the west of the Phase I Property, respectively. As previously discussed, at the RFO property is not considered to represent an APEC on the Phase I Property. Based on information in our files, the residential lands to the west and further to the east are also not considered to represent a concern to the Phase I Property. Copies of the well records are provided in Appendix 2.

5.0 INTERVIEWS

Mr. Giorgio Di Franco, the current property owner was interviewed at the time of an initial site visit conducted on February 26, 2019, and via email on February 27, 2019. According to Mr. Di Franco, the property was a motel in the late 1960's, followed by vacant, undeveloped land, prior to purchase by his family in 1983. The original portion of the existing subject structure was constructed in 1983, with four subsequent building additions. The building has always been heated with natural gas-fired equipment. A smaller commercial building, occupied by a pub, was constructed by Mr. Di Franco's family on the western portion of the site in 1985 and was removed in the early 2000s. This building was also reportedly heated with natural gas-fired equipment. According to Mr. Di Franco, furnace oil was never stored or used on-site.

A large portion of the Phase I Property is occupied by a paved parking lot and therefor, Mr. Di Franco was questioned regarding salting practices. Mr. Di Franco indicated that since his family purchased the property, the parking lot is plowed to remove snow and ice, however salt is not generally used on site.

Mr. Di Franco was unaware of any potential environmental concerns regarding the Phase I Property and surrounding properties.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

Ms. Mandy Witteman from the Environmental Department of Paterson conducted the site visits. Weather conditions were overcast with a temperature of approximately -12°C on January 21, 2021. At the time of the site visit, neighbouring land use within the Phase I Study Area was also assessed.

6.2 Specific Observations at Phase I Property

Buildings and Structures

The original portion of the subject building was constructed in 1983 with a slab-ongrade foundation. Four subsequent building additions were made to the original structure. The exterior of the building is finished in red brick with a sloped roof covered with asphaltic shingles.

Subsurface Structures and Utilities

The Phase I Property is situated in a municipally serviced area. Underground utility services on the subject land include natural gas, electricity, water and sewer services. The services enter the Phase I Property from Carling Avenue.

No potable wells or private sewage systems were observed on the property at the time of the site visit, nor are any reported to be present. Three monitoring wells placed during the 2019 Geotechnical Investigation were not observed at the time of the current site visit; as noted below, the Phase I Property was covered with ice at the time of the site visit. No other subsurface structures or utilities were observed at the time of the site visit.

Site Features

The subject building occupies the southeast portion of the Phase I Property. The remainder of the subject land is primarily occupied by a paved parking lot, with some trees along the eastern property line. At the time of the site visit, the entire parking lot was covered in ice. Site drainage typically occurs through sheet flow to catch basins on Carling Avenue.

The site topography is relatively flat and at the grade of Carling Avenue and the adjacent properties. The regional topography slopes downwards in a northly direction towards the Ottawa River.

Site features are presented on Drawing PE5191-1 – Site Plan, provided in the Figures section following the text.

Fill Material

No evidence of fill material was observed at the time of the site visit.

With the exception of granular material associated with the pavement structure, fill was not identified at the borehole locations during the March 219 Geotechnical Investigation conducted by Paterson. The fill material consists of crushed stone larger than 2 millimeters in size and is not considered to be soil as defined by O.Reg.153/04. The engineered fill material is not considered to represent an APEC on the Phase I Property.

Interior Assessment

A general description of the interior of the subject building is as follows:

- Floor finishes consist of vinyl tiles, carpet, ceramic tiles and poured concrete (utility rooms);
- □ Wall finishes consist of gypsum board and ceramic tiles;
- Ceilings are finished with stipple plaster, acoustic ceiling tiles and gypsum board;
- Lighting is provided by incandescent fixtures.

Based on the age of the building, potential asbestos containing materials (ACMs) and lead-based paints (LBPs) are not suspected to be present within the building as these materials were not typically used after 1980.

Fuel and Chemical Storage

The subject building is heated with natural gas-fired equipment. Electrical baseboard heaters are a secondary heating source.

No fuels or chemicals were observed on the interior or exterior of the Phase I Property at the time of the site assessment, with the exception of minor quantities of common household cleaning products that were properly stored within the subject building. No signs of leaks or staining were observed on the interior or exterior of the Phase I Property.

Wastewater Discharge

Wastewater discharged from the Phase I Property includes wash water and sewage. Several floor drains were observed on the interior of the subject structure. The drains appeared to be dry at the time of the site visit. No concerns were noted with regards to wastewater discharge at the Phase I Property.

Waste Management

Non-hazardous domestic waste and recycling is stored in bins on the exterior of the property, south of the subject structure, and collected by Progressive Waste on a regular basis. A grease trap is present within the kitchen; all food grease is collected by a contractor licenced for these works on an as-needed basis.

Neighbouring Properties

An inspection of the neighbouring properties was conducted from publicly accessible roadways at the time of the site inspection. Land use adjacent to the subject site was as follows:

- □ North Carling Avenue, followed by Residential;
- □ South Residential followed by Elterwater Avenue;
- □ East Retail fuel outlet (3420 Carling Avenue) and Residential;
- UWest Residential followed by Ullswater Drive.

Land use within the Phase I Study Area is primarily residential, with the exception of the RFO on the adjacent property to the east and a commercial plaza (Crystal Bay Plaza, primarily retail/restaurants) at 2 Ullswater Drive.

As previously discussed, the existing retail fuel outlet at 3420 Carling Avenue is not considered to represent an APEC on the Phase I Property based on the separation distance of the tanks and pump island, as well as the orientation with respect to the subject land, in combination with the low permeability of the underlying clay soils and information contained in our files.

No concerns were identified with the current use of the surrounding lands. Ssurrounding land use within the Phase I Study Area is presented on Drawing PE5191-2 – Surrounding Land Use Plan.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

The following table indicates the current and past uses of the Phase I Property dating back to the first developed use of the site based on the Chain of Title, Fire Insurance Plans, aerial photographs, City Directories and personal interviews.

Table 1: Land Use History – 3430 Carling AvenuePart of Block C, Plan 420102, and Part of Lot 12, Concession 1, OttawaFront, Nepean (PIN 04707-0090)							
Time Period	Name of Owner	Property Use	Description of Property Use	Other Observations from Aerial Photos, FIPs, Directories, etc.			
Lot 12, Conces	sion 1, Ottawa Fron	t, Nepean		·			
Prior to 1808	Unknown	Unknown	Unknown	No available observations			
1808-1828	Nancy McGuire	Unknown	Unknown	Registered. No available observations			
1828	Leonard Stoneburner	Unknown	Unknown	No available observations			
1828-1864	John Graham	Unknown	Unknown	No available observations			
1864-1899	William Graham	Unknown	Unknown	No available observations			
1899-1911	John A. Graham	Unknown	Unknown	No available observations			
1911-1925	Andrew F. Hopewell	Unknown	Unknown	No available observations			
1925-1932	Edmund Loveday	Unknown	Unknown	No available observations			
1932-1952	Andrew F. Hopewell	Motel	Commercial Use	Potable well record registered for the Phase I Property.			
1952-1953	John F. and Grace R. Pratt	Motel	Commercial Use	1953 aerial photograph shows the motel on-site.			
1953-1956	Harry and Alice Backhouse	Motel	Commercial Use	No available observations			
1956-1958	Peter G. Sharpe	Motel	Commercial Use	1958 aerial photograph shows the motel on-site.			
1958-1971	Desmond Smithson	Motel	Commercial Use	No available observations			
19711972	Rita Jolicoeur	Motel	Commercial Use	1968 aerial photograph shows the motel on-site.			
1972	Uriel Jolicoeur	Motel	Commercial Use	No available observations			
1972-1974	Stanslaw and Lilli Pokrywa	Motel	Commercial Use	No available observations			
1974	Skaff Restaurants Ltd.	Motel	Commercial Use	No available observations			
1974-1983	Bank of Montreal	Motel	Commercial Use	1976 aerial photograph shows the motel on-site.			
1983-Present	Romano Di Franco and Lucia Di Franco (Compari Restaurant Ltd)	Restaurant / dinner club	Commercial Use	1988 city directories listed the property as Villa Lucia.			

Table 1: Land Use History – 3430 Carling Avenue
Part of Block C, Plan 420102, and Part of Lot 12, Concession 1, Ottawa
Front, Nepean (PIN 04707-0090)

Time Period	Name of Owner	Property Use	Description of Property Use	Other Observations from Aerial Photos, FIPs, Directories, etc.					
Plan 420102, Block C									
Prior to 1808	Unknown	Unknown	Unknown	No available observations					
1808-1828	Nancy McGuire	Unknown	Unknown	Registered. No available observations					
1828	Leonard Stoneburner	Unknown	Unknown	No available observations					
1828-1864	John Graham	Unknown	Unknown	No available observations					
1864-1899	William Graham	Unknown	Unknown	No available observations					
1899-1911	John A. Graham	Unknown	Unknown	No available observations					
1911-1925	Andrew F. Hopewell	Unknown	Unknown	No available observations					
1925-1932	Edmund Loveday	Unknown	Unknown	No available observations					
1932-1956	Andrew F. Hopewell	Motel	Commercial Use	Potable well record registered for the Phase I Property.					
1956-1960	Garrett J. O'Neill, in Trust	Motel	Commercial Use	Potable well record registered for the Phase I Property.					
1960	Louise C. Asssaly	Motel	Commercial Use	1953 aerial photograph shows the motel on-site.					
1960-1961	Minto Construction Co. Ltd.	Motel	Commercial Use	1958 aerial photograph shows the motel on-site.					
1961-1975	Skaff Restaurants Ltd.	Motel	Commercial Use	1968 aerial photograph shows the motel on-site.					
1975-1981	Clarkson Company Ltd.	Motel	Commercial Use	No available observations					
1981-Present	Romano Di Franco and Lucia Di Franco (Compari Restaurant Ltd)	Motel	Commercial Use	1988 city directories listed the property as Villa Lucia.					

Potentially Contaminating Activities and Areas of Potential Environmental Concerns

No on-site historical or existing PCAs were identified on the Phase I Property.

According to Section 49.1 of O.Reg. 153/04, if an applicable site condition standard is exceeded at a property solely because of the following reason, the applicable site condition standard is deemed not to be exceeded for the purpose of Part XV.1 of the Act:

□ The qualified person has determined, based on a phase one environmental site assessment or a phase two environmental site assessment, that a substance has been applied to surfaces for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both.

Based on the findings of the Phase I ESA, minor quantities of road salt were occasionally applied to highly trafficked areas within the parking lot and around the subject building, for the safety of vehicular and pedestrian traffic under conditions of ice. In accordance with Section 49.1 of O.Reg. 153/04, the application of road salt is not considered to be a PCA and therefore does not result in an APEC on the Phase I Property.

Off-site PCAs identified within the Phase I Study area include the following:

- PCA 28 Gasoline and Associated Products Storage in Fixed Tanks, associated with a historical/existing retail fuel outlet on the adjacent property to the east (3420 Carling Avenue); and
- PCA 37 Operation of Dry Cleaning Equipment (where chemicals are used), associated with a reported historical dry cleaners at 2 Ullswater Drive (it should be noted that this may have been a drop-off location only).

The historical pump island and tank nest at 3420 Carling Avenue were situated approximately 45m east of the Phase I Property, while the existing pump islands and tank nest are situated approximately 70 and 85m east of the Phase I Property. Based on these separation distances, the cross-gradient orientation of the RFO with respect to the subject land (groundwater flow is to the north towards the Ottawa River), the low-permeability of the underlying silty clay soils in combination with information contained in our files, the historical/existing RFO at 3420 Carling Avenue is not considered to represent an APEC on the Phase I Property.

The reported historical dry cleaners at 2 Ullswater Drive is situated approximately 180m to the west of the Phase I Property. Based on the separation distance and cross-gradient orientation with respect to the subject land, this property is not considered to represent an APEC on the Phase I Property.

No other PCAs were identified within the Phase I Study Area. The aforementioned PCAs which are not considered to represent APECs on the Phase I Property, are identified in green on Drawing PE5191-2 – Surrounding Land Use Plan.

Contaminants of Potential Concern

There are no APECs on the Phase I Property and as such, there are no contaminants of potential concern (CPCs).

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Bedrock in the area of the Phase I Property is reported to consist of dolomite of the Oxford Formation. Based on the mapping, overburden on the Phase I Property consists of offshore marine sediments of erosional terraces with a drift thickness ranging from 10 to 15. Information obtained from the well records and the 2019 Geotechnical Investigation prepared by Paterson confirm this information.

Based on the regional topography (gently slopes to the north) in combination with previous work conducted by Paterson within the Phase I Study Area, the groundwater flow in the vicinity of the Phase I Property is in a northerly direction, towards the Ottawa River.

Water Bodies

There are no water bodies on the Phase I Property. The closest significant body of water is the Ottawa River, situated approximately 165 m north of the Phase I Property at its closest point.

Areas of Natural Significance

There are no areas of natural significance known to exist on the Phase I Property or within the Phase I Study Area.

Well Records (Drink Water Wells and Monitoring Wells)

A search of the MECP website for all drilled well records within the 250 m of the Phase I Property was conducted as part of this assessment. The search returned a total of forty-six (46) records: eighteen (18) potable wells, twenty-two (22) monitoring wells, and six (6) decommissioned wells.

One potable well record was identified for the Phase I Property. According to the well record, dated 1953, the Phase I Property was occupied by a motel at this time. This well is no longer considered to be used as the property is currently serviced with municipal water.

Eighteen (18) records of potable wells were identified for properties within the Phase I Study Area. The well records indicated that wells were drilled between 1950 and 1961.

Although abandonment records were not identified for the potable wells, these wells are considered to have been decommissioned as the properties within the Phase I Study Area are currently serviced by municipal services.

No monitoring well records were identified for the Phase I Property. Monitoring well records were identified for the following properties within the Phase I Study Area:

- □ 3420 Carling Avenue, RFO adjacent to the east of the Phase I Property;
- 2 Crystal Beach Drive, a residential property approximately 90 m east of the Phase I Property; and
- □ 1 Ullswater Drive, a residential property adjacent to the west of the Phase I Property.

According to the available information, generalized stratigraphy consists of topsoil or a pavement structure over clay extending to approximately 8 m below ground surface (m BGS), followed by glacial till extending to approximately 10 to 11 m BGS, underlain by limestone bedrock. Groundwater was present in the overburden and bedrock layer. Reported static water levels range from approximately 1.5 to 7.6 m below ground surface, within the overburden. Clear groundwater for potable purposes was reportedly identified at a depth of approximately 18m below ground surface, within the bedrock.

Based on the separation distance of the current and former pump island and tank nest on the adjacent RFO property at 3420 Carling Avenue, in combination with its cross-gradient orientation, the low permeability of the underlying soils and information contained in our files, the former and current RFOs at this property are not considered to result in an APEC on the Phase I Property.

Based information in our files, the monitoring wells at 2 Crystal Beach Drive and 1 Ullswater Drive, were placed to address the above-noted RFO and a former dry cleaner east of 1 Ullswater Drive respectively. These properties, as further discussed below, are not considered to represent APECs on the Phase I Property.

Existing Buildings and Structures

The Phase I Property is occupied by the original portion of the subject building which was constructed in 1983 with a slab-on-grade foundation. Four (4) subsequent building additions were made to the original structure.

The exterior of the building is finished in red brick with a sloped roof covered with asphaltic shingles. The building is currently heated with a natural gas-fired furnace. Electrical baseboard heaters provide a secondary heating source. Based on the review of historical information, personal interviews and observations made at the time of the site visit, no evidence of any other heating source was identified.

The location of the subject building is depicted on Drawing PE5191-1 – Site Plan. There are no other buildings or structures are present on the Phase I Property.

Subsurface Structures and Utilities

The Phase I Property is situated in a municipally serviced area. Underground utility services include natural gas, electricity, water and sewer services, which enter the Phase I Property from Carling Avenue. No other subsurface structures or utilities are present on the Phase I Property. Subsurface utilities were located as part of the 2019 Geotechnical Investigation. Approximate locations of the underground utilities are shown on Drawing PE5191-1 – Site Plan.

With the exception of the building footings and three (3) monitoring wells installed as part of the 2019 Geotechnical Investigation, there are no subsurface structures on the Phase I Property.

In the absence of PCAs, APECs and CPCs, as discussed further below, underground utilities are not considered to have had the potential to affect contaminant distribution and transport at the Phase I Property.

Neighbouring Land Use

Neighbouring land use within the Phase I Study Area historically consisted primarily of residential with some commercial land use.

Current land use within the Phase I Study Area remains primarily residential, with the exception of a commercial retail fuel outlet on the adjacent property to the east and a commercial plaza further to the west of the Phase I Property, across Ullswater Drive. Current land use is depicted on Drawing PE5191-2 – Surrounding Land Use Plan.

Two (2) PCAs were identified within the Phase I Study Area. The PCAs are associated with the above-noted retail fuel outlet property adjacent to the east of the Phase I Property and a former drycleaner further to the west of the Phase I Property. The PCAs are not considered to result in APECs on the Phase I Property as discussed in the following section.

Potentially Contaminating Activities (PCAs)

As per Section 7.1 of this report, no potentially contaminating activities (PCAs) were identified on the Phase I Property or Phase I Study Area that would result in APECs on the Phase I Property. Off-site PCAs, as identified in Drawing PE5191-2 – Surrounding Land Use Plan, are discussed below.

- PCA 1 Item 28, Table 2, O.Reg. 153/04: "Gasoline and Associated Products Storage in Fixed Tanks" – this PCA was identified base on the presence of the historical/existing retail fuel outlet on the adjacent property to the east (3420 Carling Avenue). Based on the separation distance of the former RFO tank nest and pump island of over 60m from the Phase I Property, the separation distance of the current tank nest and pump island of approximately 75m from the Phase I Property, in combination with the cross-gradient orientation relative the Phase I Property, the low-permeability of the underlying soils and information contained in our files pertaining to the RFO property, this PCA is not considered to represent an APEC on the Phase I Property.
- PCA 2 Item 37, Table 2, O.Reg. 153/04: "Operation of Dry Cleaning Equipment (where chemicals are used)" – this PCA was identified based on the historical presence of a dry cleaners at 2 Ullswater Drive (it should be noted that this may have been a drop-off location only). Based on the separation distance of over 200 m and its cross-gradient orientation relative to the Phase I Property, this PCA is not considered to represent an APEC on the Phase I Property.

No other PCAs were identified within the Phase I Study Area.

Areas of Potential Environmental Concern (APECs)

As discussed above, no PCAs were identified on the Phase I Property and PCAs identified within the Phase I Study Area are not considered to represent APECs on the Phase I Property.

Contaminants of Potential Concern (CPCs)

Based on these findings of the Phase I ESA, there are no APECs on the Phase I Property. As such, there are no contaminants of potential concern on the Phase I Property.

Assessment of Uncertainty and/or Absence of Information

There were no material deviations to the Phase I ESA requirements set out in O.Reg. 153/04 that would cause uncertainty or absence of information that would affect the validity of the findings of the Phase I ESA or this Phase I CSM. It is the opinion of the Qualified Person (QP_{ESA}) that based on the information obtained and reviewed as part of this Phase I ESA, no PCAs or APECs were identified on the Phase I Property.

8.0 CONCLUSIONS

8.1 Assessment

Paterson Group was retained by Mr. Ralph Esposito, Jr. with 3430 Carling Properties Inc., to conduct a Phase I-Environmental Site Assessment (ESA) for the property addressed 3430 Carling Avenue, in the City of Ottawa, Ontario. The purpose of this Phase I-ESA was to research the past and current use of the Phase I Property and 250m study area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical research, the Phase I Property was vacant land possibly used for agricultural purposes, until developed with a motel in 1953. The motel reportedly operated until the late 1960's after which time the subject land remained vacant until purchased by Mr. Di Franco, the previous property owner, in 1983. At this time, the property was redeveloped with the original portion of the current restaurant building, and associated parking lot. Circa 1985, a second building was developed on the western portion of the Phase I Property and was operated as a pub. This building was demolished in the early 2000's, in conjunction with building additions made to the original structure. No potential environmental concerns were identified with regards to the historical use of the Phase I Property.

Historical land use in the surrounding area was used primarily for residential purposes with two commercial properties: a retail fuel outlet at 4320 Carling Avenue and a reported dry cleaner at 2 Ullswater Drive. The retail fuel outlet (RFO) on the adjacent property to the east (3420 Carling Avenue) was present from the 1970's through 2011 when the original retail fuel outlet was decommissioned, and the property was redeveloped with a new RFO and kiosk. The pump island and tank nest associated with the original RFO were situated approximately 60m east of the Phase I Property, while the ancillary equipment associated with the newer RFO are situated 70 to 85m east of the Phase I Property.

Given the separation distances, the cross-gradient orientation of the Phase I Property with respect to the RFO property, the low permeability of the underlying native silty clay soils in combination with information in our files, the historical and existing RFOs at 3420 Carling Avenue are not considered to represent an area of potential environmental concern (APEC) on the Phase I Property. The reported dry cleaners at 2 Ullswater Avenue is situated approximately 180m west of the Phase I Property and is not considered to represent an APEC on the subject land based on the separation distance and cross-gradient orientation with respect to the Phase I Property.

Following the historical research, a site visit was conducted. The Phase I Property is largely vacant, asphaltic paved parking with a commercial building (restaurant) situated on the east side of the site. At the time of the site visit, the paved areas were covered with ice; the property owner indicated that snow is removed from the property by a contractor, however salt is generally not used on the Phase I Property. Minimal amounts may be used during the event of an ice storm, for safety purposes, however sand is typically used for this purpose. No potential environmental concerns were noted with the current use of the Phase I Property.

Surrounding land use consists of primarily residential with commercial properties at 3420 Carling Avenue (retail fuel outlet) and 2 Ullswater Drive (Crystal Beach Plaza: retail and offices). As previously discussed, the presence of the RFO is a PCA that does not represent an APEC on the Phase I Property based on the separation distance and cross-gradient orientation with respect to the subject land and the presence of low permeability soils in the immediate area of the Phase I Property in combination with information in our files.

Based on the results of the assessment, **it is our opinion, that a Phase II Environmental Site Assessment is not required for the Phase I Property** and that a Record of Site Condition can be filed based on the findings of the Phase I ESA, to support the change in land use from commercial to residential.

8.2 Recommendations

It is our understanding that the subject structure will be demolished in conjunction with future redevelopment. Prior to any demolition activities, a designated substance survey (DSS) must be conducted for the existing structure, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

9.0 STATEMENT OF LIMITATIONS

This Phase I - Environmental Site Assessment report has been prepared under the supervision of a QP_{ESA}, in general accordance with O.Reg. 153/04, as amended, and meets the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

Should any conditions be encountered at the subject site and/or historical information that differ from our findings, we request that we be notified immediately in order to allow for a reassessment.

This report was prepared for the sole use of 3430 Carling Properties Inc. Permission and notification from 3430 Carling Properties Inc. and Paterson will be required to release this report to any other party.

Paterson Group Inc.

Mandy Witteman, B.Eng., M.A.Sc.

Kaup Munch:

Karyn Munch, P.Eng., QPESA

Report Distribution:

- □ 3430 Carling Properties Inc.
- □ Paterson Group Inc.



10.0 REFERENCES

Federal Records

Air photos at the Energy Mines and Resources Air Photo Library. National Archives. Maps and photographs (Geological Survey of Canada surficial and subsurface mapping). Natural Resources Canada – The Atlas of Canada. Environment Canada, National Pollutant Release Inventory. PCB Waste Storage Site Inventory National Energy Board.

Provincial Records

MECP Freedom of Information and Privacy Office.
MECP Municipal Coal Gasification Plant Site Inventory, 1991.
MECP document titled "Waste Disposal Site Inventory in Ontario".
MECP Brownfields Environmental Site Registry.
Office of Technical Standards and Safety Authority, Fuels Safety Branch.
MNR Areas of Natural Significance.
MECP Water Well Record Inventory.
Chapman, L.J., and Putnam, D.F., 1984: 'The Physiography of Southern Ontario, Third Edition', Ontario Geological Survey Special Volume 2.

Municipal Records

City of Ottawa Document "Old Landfill Management Strategy, Phase I -Identification of Sites.", prepared by Golder Associates, 2004. Interra Technologies Limited Report "Mapping and Assessment of Former Industrial Sites, City of Ottawa", 1988. geoOttawa: City of Ottawa electronic mapping website. City of Ottawa Historical Land Use Inventory (HLUI) Database

Local Information Sources

Personal Interviews.

Public Information Sources

Google Earth. Google Maps/Street View.

Private Information Sources ERIS Search.

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5191-1- SITE PLAN

DRAWING PE5191-2 – SURROUNDING LAND USE PLAN

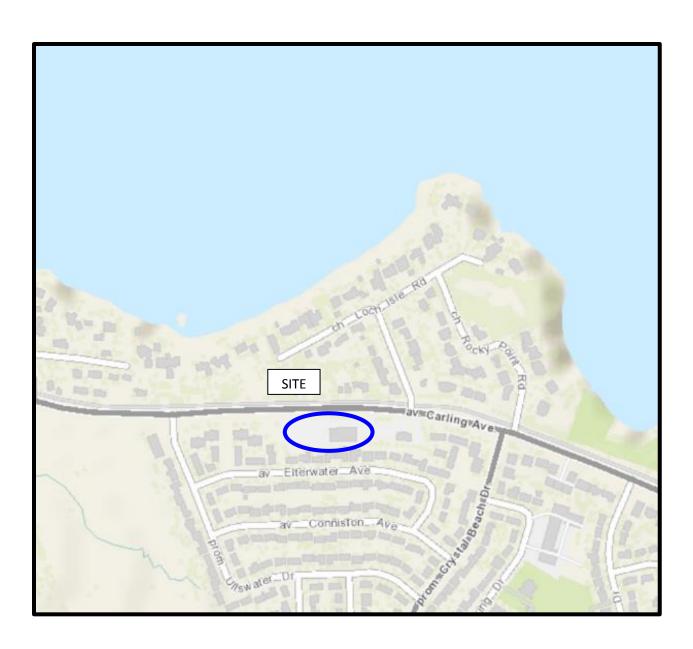


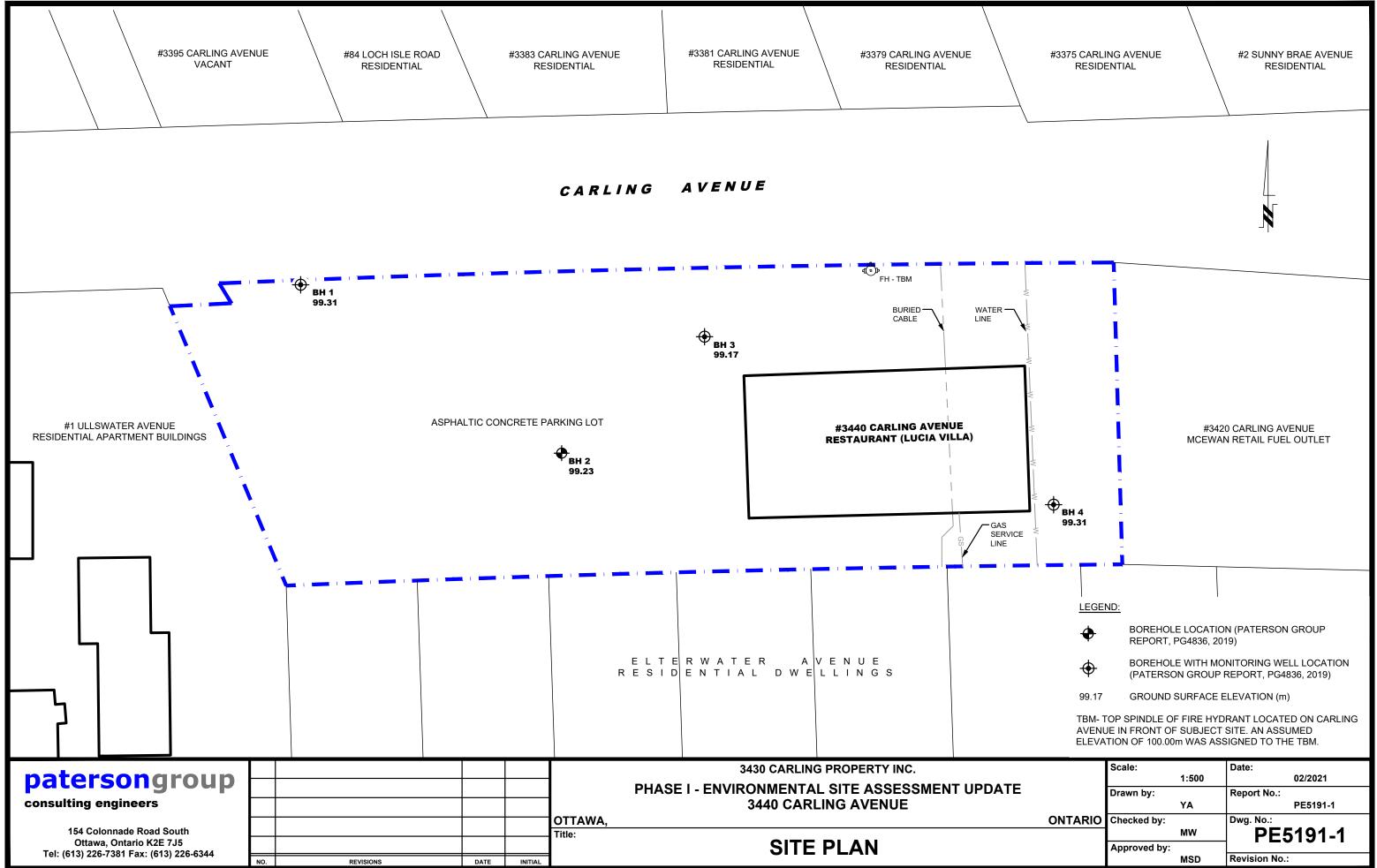
FIGURE 1 KEY PLAN

patersongroup

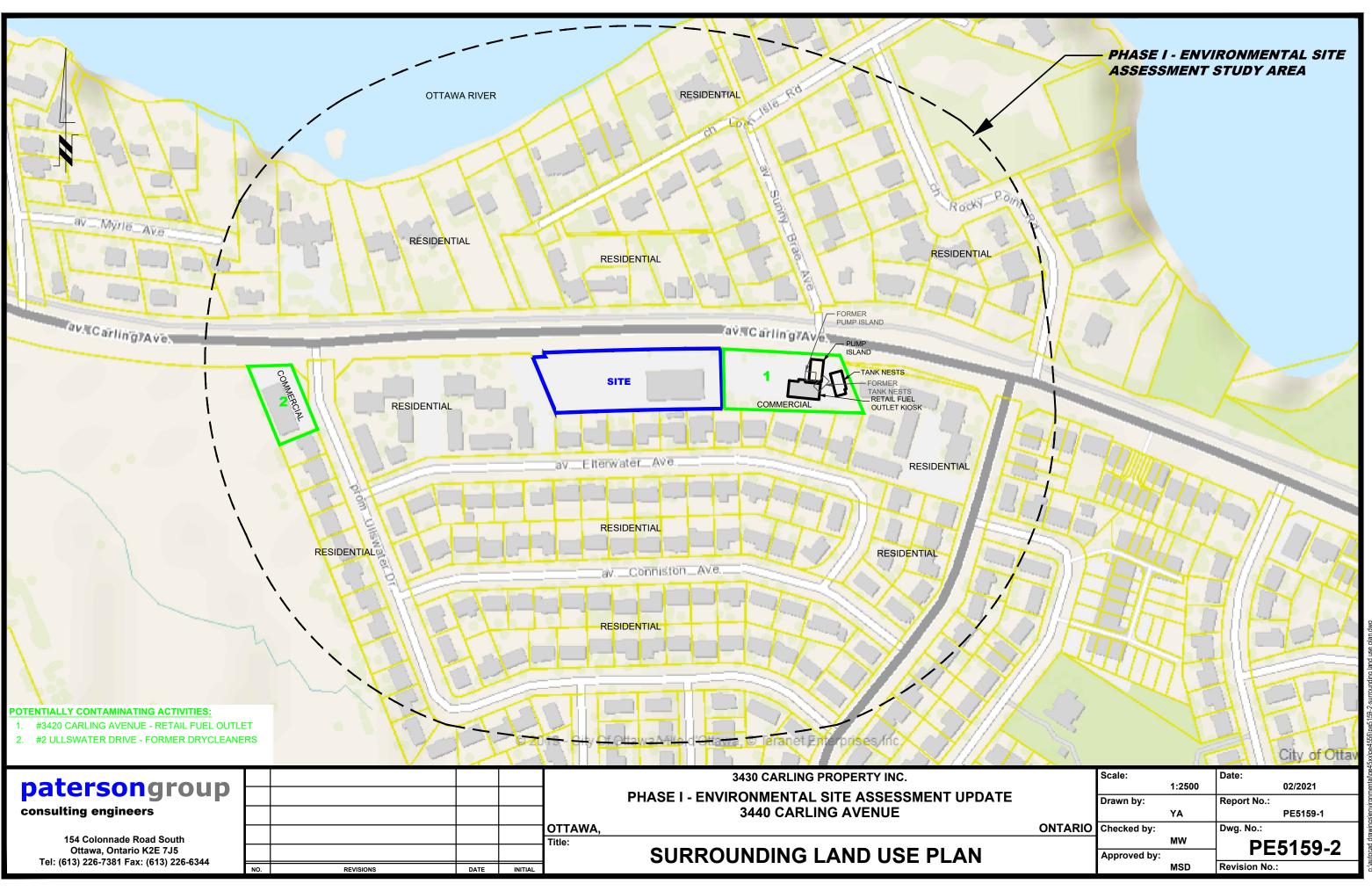


FIGURE 2 TOPOGRAPHIC MAP

patersongroup



tocad drawings\environmental\pe51xx\pe5159\pe5159-1-site plan1.dw



APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS

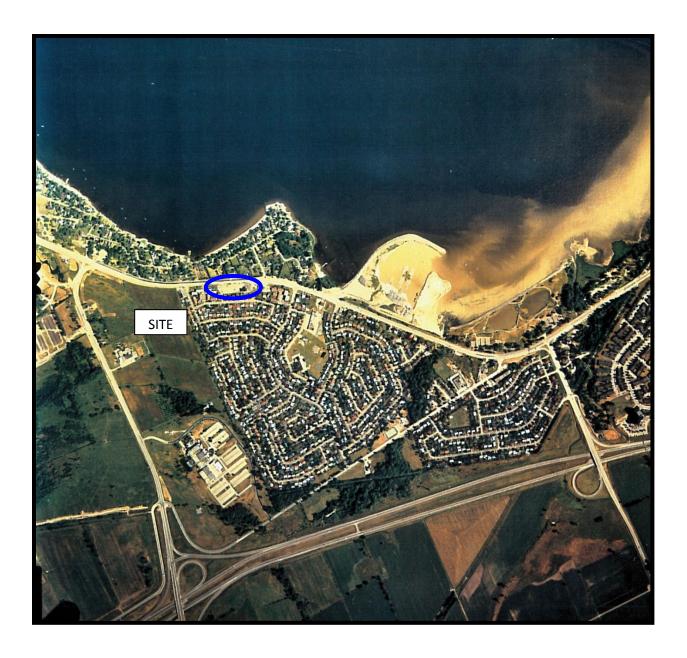
CHAIN OF TITLE





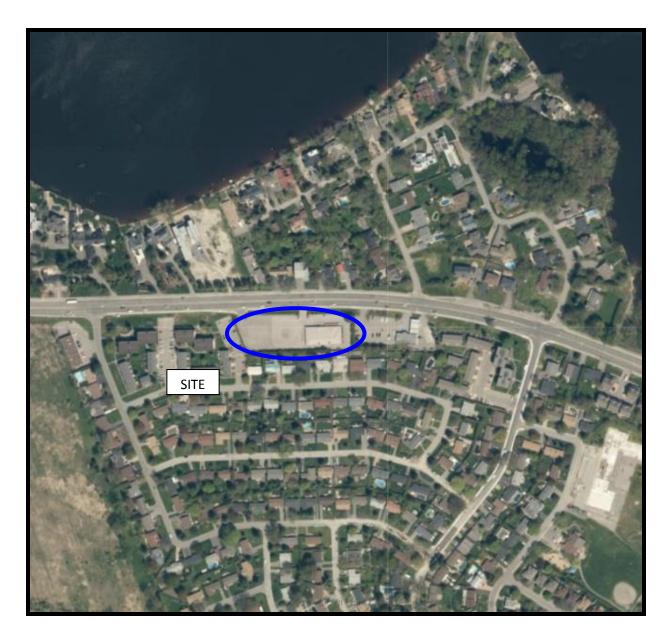












Site Photographs

PE4556

3440 Carling Avenue – Ottawa, ON

September 30, 2019



Photograph 1: View of the Phase I Property, taken from the west side of the site, looking east.



Photograph 2: View of central portion of the Phase I Property, taken from the north side of the site, looking south.

patersongroup ____

Site Photographs

PE4556

3440 Carling Avenue – Ottawa, ON

September 30, 2019



Photograph 3: View of the Phase I Property, taken from the east of the site, looking west.



READ Abstracts Limited

331 Cooper Street, Suite 300, Ottawa, Ontario K2P 0A4 Email: search@readsearch.com Tel.: 613-236-0664 Fax: 613-236-3677

ENVIRONMENTAL SEARCH

Patersongroup Attn: Mandy

BRIEF DESCRIPTION OF LAND:

3430 Carling Ave., Ottawa Part Block C, Plan 420102, and Part Lot 12, Con 1 OF Nepean

PIN: 04707-0090

LAST REGISTERED OWNER: COMPARI RESTAURANT LIMITED

CHAIN OF TITLE:

Lot 12, Con 1 OF Nepean

Patent dated Jun 3, 1808 To Nancy McGuire

Deed RO115 registered Jan 15, 1828 From Daniel and Nancy McGuire to Leonard Stoneburner

Deed RO151 registered Aug 1, 1828 From Leonard Stoneburner to John Graham

Deed RO24596 registered Dec 6, 1864 From John Graham to William Graham

Deed NP180085 registered Mar 8, 1899 From William Graham to John A. Graham

Deed NP24293 registered May 4, 1911 From john A. Graham to Andrew F. Hopewell

Deed NP28894 registered Sep 29, 1925 From Andrew F. Hopewell to Edmund Loveday Deed NP43170 registered May 2, 1932 From Edmund Loveday to Andrew F. Hopewell

Deed CR305786 registered Nov 10, 1952 From Andrew F. Hopewell to John F. and Grace R. Pratt

Deed CR312540 registered Jul 6, 1953 From John F. and Grace R. Pratt to Harry and Alice Backhouse

Deed CR348351 registered Jul 4, 1956 From Andrew F. Hopewell to Samuel Lepofsky and Garrett J. O'Neill, in trust

Deed CR372143 registered May 21, 1958 From Harry and Alice Backhouse to Peter G. Sharpe

Deed CR382233 registered Dec 23, 1958 From peter G. Sharpe to Desmond Smithson

Deed CR408058 registered Jul 8, 1960 From Garrett J. O'Neill, in trust to Louis C. Assaly, in trust

Deed CR408060 registered Jul 8, 1960 From Louis C. Assaly, in trust to Minto Construction Co. Limited

Plan 420102 registered Mar 10, 1961 By Minto Construction Co. Limited (see Plan 420102, Block C)

Deed CR602979 registered Dec 8, 1971 From Desmond Smithson to Rita Jolicoeur

Deed CR607973 registered Mar 28, 1972 From Rita Jolicoeur to Uriel Jolicoeur

Deed CR621777 registered Nov 13, 1972 From Uriel Jolicoeur to Stanslaw and Lilli Pokrywa

Deed CR650368 registered Apr 1, 1974 From Stanslaw and Lilli Pokrywa to Skaff Restaurants Limited

Foreclosure NS112399 registered Mar 20, 1951 From The Bank of Montreal to Romano DiFranco and Lucia DiFranco (re: Skaff Restaurants Limited)

Plan 420102, Block C

Deed CR669911 registered May 2, 1975 From Minot Construction Limited to Skaff Restaurants limited

Deed NS112400 registered Mar 20, 1981 From The Clarkson Company Limited, trustee in Bankruptcy of Skaff Restaurant Ltd. To Romano DiFranco and Lucia DiFranco

All (Plan 402102, Block C and Part Lot 12 Con 1 OF Nepean)

Deed NS186529 registered Apr 14, 1983 From Romano Di Franco and Lucia Di Franco to Compari Restaurant Ltd.

APPENDIX 2

MECP FREEDOM OF INFORMATION MECP WELL RECORDS CITY OF OTTAWA HLUI SEARCH TSSA CORRESPONDENCE ERIS REPORT Ministry of the Environment, Conservation and Parks

Access and Privacy Office

12th Floor 40 St. Clair Avenue West Toronto ON M4V 1M2 Tel: (416) 314-4075 Fax: (416) 314-4285 Ministère de l'Environnement, de la Protection de la nature et des Parcs

Bureau de l'accès à l'information et de la protection de la vie privée



Ontario 😿

October 9, 2019

Mandy Witteman Paterson Group Inc. 154 Colonnade Road Ottawa, ON K2E 7J5

Dear Mandy Witteman:

RE: *Freedom of Information and Protection of Privacy Act* Request Our File # A-2019-06413, Your Reference PE4556

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 3440 Carling Avenue, Ottawa.

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Assessment and Permissions Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is \$30.00 for 1 hour of search time @ \$30.00 per hour. We have applied the \$30.00 for this request from your initial payment. This file is now closed.

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Sharon Menzies at (416) 327-1429 or Sharon.Menzies@ontario.ca.

Yours truly,

Original signed by

Janet Dadufalza Manager, Access and Privacy



File Number: D06-03-19-0145

October 29, 2019

Mandy Witteman Paterson Group 154 Colonnade Road Ottawa, Ontario, K2E 7J5

Sent via email [mwitteman@patersongroup.ca]

Dear Ms.Witteman,

Re: Information Request <<3430 Carling Avenue>>, Ottawa, Ontario ("Subject Property")

Internal Department Circulation

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Property:

• Environment & Health Protection: The City's Health Protection Service has identified that the premises contain an outstanding non-critical public health-related infraction.

Search of Historical Land Use Inventory

This acknowledges receipt of the signed Disclaimer regarding your request for information from the City's Historical Land Use Inventory (HLUI 2005) database for the Subject Property.

A search of the HLUI database revealed the following information:

• There are no activities associated with the Subject Property.

The HLUI database was also searched for activity associated with properties located within 250m of the Subject Property. The search revealed the following:

 There are 4 activities associated with properties located within 250m of the Subject Property:

Shaping our future together Ensemble, formons notre avenir City of Ottawa Planning, Infrastructure and Economic Development Department

110 Laurier Avenue West, 4th Floor Ottawa, ON K1P 1J1 Tel: (613) 580-2424 ext. 14743 Fax: (613) 560-6006 www.ottawa.ca Ville d'Ottawa Services de la planification, de l'infrastructure et du développement économique

110, avenue Laurier Ouest, 4e étage Ottawa (Ontario) K1P 1J1 Tél.: (613) 580-2424 ext. 14743 Téléc: (613) 560-6006 www.ottawa.ca A **site map** and **table** have been included to show the location of the Subject Property as well as the location of all the activities noted above.

Additional information may be obtained by contacting:

Ontario's Environmental Registry

The Environmental Registry found at <u>http://www.ebr.gov.on.ca/ERS-WEB-External/</u> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using keys words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

The Ontario Land Registry Office

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House 161 Elgin Street 4th Floor Ottawa ON K2P 2K1 Tel: (613) 239-1230 Fax: (613) 239-1422

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database. Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.

If you have any further questions or comments, please contact Samantha Gatchene at 613-580-2424 ext. 14743 or HLUI@ottawa.ca

Sincerely,

Somontha

Samantha Gatchene

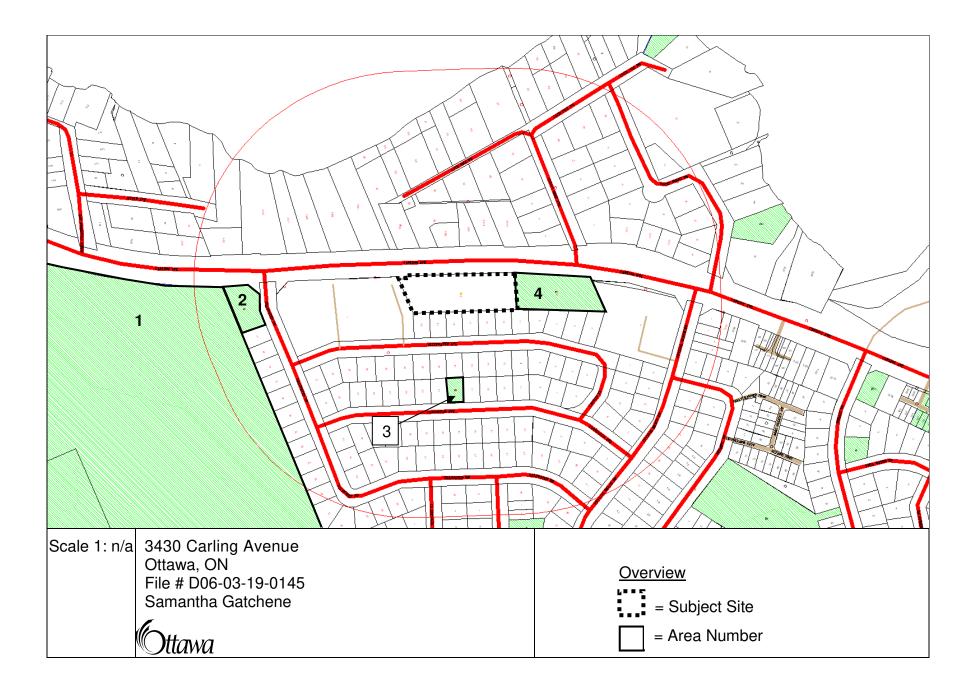
Per:

Michael Boughton, MCIP, RPP Senior Planner Development Review East Planning Services Planning, Infrastructure and Economic Development Department

MB/ SG

Enclosures

cc: File no. D06-03-19-0145



HLUI Activity Table - D06-03-19-0145

Area Number	HLUI Activities Associated with Area
Subject Property	No HLUI activities are associated with the property
1	9710
2	4241
3	10169
4	4239



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory

Activity Numbers – Adjacent Properties



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #1 Activity Numbers



RPTC_OT_DEV0122 Report:

Run On: 29 Oct 2019 at: 12:06:00

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	047080109	Y	Ν

Activity ID:	9710	Multiple PINS:	Ν
PIN Certainty:	1	Previous Activity ID(s) :	6917
Related PINS:	047080109		
Name: Address: Facility Type: Comments 1: Comments 2:	NORTEL - CORKSTON 185 CORKSTOWN RC Communication and O		ndustries
Generator Number Storage Tanks:	ON0132308		
HL References 1: HL References 2: HL References 3:	SC98 2000 PID		

NAICS	SIC
0	775
334410	0
334220	0
334290	0

Company Name	Year of Operation
NORTEL - CORKSTOWN	c. 2001
NORTEL - CORKSTOWN	c. 2000
NORTEL - CORKSTOWN	c. 2003
Northern Telecom (Nortel) Laboratories	c. 1998



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #2 Activity Numbers



RPTC_OT_DEV0122 Report:

Run On:

29 Oct 2019 at: 13:07:17

Study Year 1998		PIN 047080001	Multi-NAIC Y	Multiple Activities N
Activity ID:	4241	Multiple PINS:	Ν	
PIN Certainty	: 1	Previous Activit	y ID(s) : 6965	
Related PINS	047080001			
Name: Address:		DIN WASH & DRY CLEANE ER DRIVE, NEPEAN	RS	
Facility Type: Comments 1: Comments 2:	Laundries an Unit D			
Generator Nu				
Storage Tanks HL References HL References HL References	s 1: M.1960, M.197 s 2:	70, M.1980		
NAICS	SIC			
812320 561740 812330	972 972 972			

812330 812310

Company Name

Crystal Coin Wash & Dry Cleaners

972

Year of Operation

c. 1980



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #3 Activity Numbers



Report:

Run On:

RPTC_OT_DEV0122 29 Oct 2019 at: 13:15:01

Study Year 2005	-	PIN 147070050	Multi-NAIC N	Multiple Activities
Activity ID:	10169	Multiple PINS:	Ν	
PIN Certainty:	1	Previous Activity I	D(s) :	
Related PINS:	047070050			
Name: Address:	OTTAWA PLU 19 CONNIST	JMBING & HEATING ON AVENUE,		
Facility Type: Comments 1: Comments 2:	Plumbing, He	ating and Air Conditioning, Me	echanical Work	
Generator Num Storage Tanks:				
HL References HL References				
HL References	3: 2001 Employm	ent Survey		
NAICS	SIC			
238220	0			
Company Na	me		Year of Opera	tion
OTTAWA PLUMB	ING & HEATING		c. 2001	



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #4 Activity Numbers



RPTC_OT_DEV0122 Report:

Run On:

29 Oct 2019 at: 13:15:39

Study Yea 1998	r	PIN 047070092	Multi-NAIC Y	Multiple Activities
Activity ID:	4239	Multiple PINS:	Ν	
PIN Certaint	: y: 1	Previous Activit	y ID(s) : 2137	
Related PIN	S: 047070092			
Name: Address: Facility Type Comments 1 Comments 2 Generator N Storage Tanl HL Referenc HL Referenc	3420 CARL Gasoline Se : : : umber: ks: es 1: M.1960, M.19	PETROLEUM INC. ING AVENUE, ervice Stations 970, M.1980		
HL Referenc	es 3: 2005 Select I	Phone		
NAICS	SIC			
447190 811199 447110 447190	633 633 633 0			

441100	
447110	

0

Company Name	Year of Operation
MACEWEN PETROLEUM INC.	c. 2005
MACEWEN PETROLEUM INC.	c. 2001
Crystal Beach Gas Bar	c. 1980

					\checkmark
					\mathbf{N}
UTM 118 Z 413413410E	· 第四子		DIVED	15 Nº	3800
9 R 510 2121 11510 N		REC	EIVED		\land
$Hev = \left[\frac{9}{8} + \frac{9}{2} + \frac{1}{2} + \frac{1}{2$		1	1 5 1953		• \
Elev. $\begin{array}{ c c c c c c c c c c c c c c c c c c c$	ONTARIO	1			
Basin 25 The The	Well Drillers	AcGEOLOGI	ICAL BRANCH		
Basin 20 The Department of 2	Mines, Provi	nce of Onta	rio]	
Water V	vell	кес	ord		
			- Man	A - 17	
), 41	Hage, Iown (March K	, <i>e.q.</i> ,	• • • • • • • • •
	Own	CT_{V}	1.e.u. 0.m.T		• • • • • • • • •
Date Completed					
(day) (mont) (year)		8 Fp/		•••••••••••••••	
Pipe and Casing Record		P	umping Test		
Casing diameter (s) 6.1.4.	Data	May 27	7		
Length (s) of casing (s)	Static level	15-1	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • •	• • • • • • • • • •
Type of screen.	Pumping lev	26			• • • • • • • • • •
Length of screen	Pumping ret	500	GPH.	••••••••••	• • • • • • • • • •
Distance from top of screen to ground level.			Min		
Is well a gravel-wall type?			bowls to ground		
					·····
	ater Record		·		
Kind (fresh or mineral)			Depth(s) to Water	Kind of	No. of Feet
Quality (hard, soft, contains iron, sulphur, etc.)	d		to Water Horizon(s)	Water	Water Rises
Appearance (clear cloudy coloured)			IA!	Good	45-1
For what purpose(s) is the water to be used?	e.1		118'		103
How far is well from possible source of contamination?		••••••			
What is the source of contamination?	Bed			·=. ·	
Enclose a copy of any mineral analysis that has been ma	de of water	·····			
Well Log	······		T	41 C TT T 11	
Overburden and Bedrock Record	From	To	Loca	tion of Well	
Clay	0 ft.	2.5.ft.	-	elow show dista	
hard pan	25'	35		ad and lot lin	e. In-
limesTone	35'	118'	dicate north	by arrow.	
			17		1
		、	100	2	
				~~>	~
			dr.	~	
					-
			N I	N N	9 :
				ME :	×
*****			10	EX B	Ę
			5]	
				EE	V
				<u> </u>) {
Situation. Is well on unland in valley or on hilloida?	Valle	/			
Situation: Is well on upland, in valley, or on hillside? Drilling Firm		•••••	· · · · · · · · · · · · · · · · · · ·	••••••••••••••••••••••••••••••••••••••	• • • • • • • • •
Address 185 Jaines ST.				• • • • • • • • • • • • • •	• • • • • • • • •
Name of Driller. C_{μ} \mathcal{M} M		. Address	89 Wo	erles	• • • • • • • • • •
Date. June 11		Licence Nu			• • • • • • • • • •
······			CAM	Len	
Form 5			Signature of	Licensee	\sim
				Case co	

5.83 ۱. . . î

UTM $ 8 2 4 3 4 2 8 0 E$ 975 R 5 0 2 2 3 0 0 N The Ontario Water Resc Elev. $14 R 5 2 0 0 $ Basin $ 2 5 $ County or District CARLETON County or District CARLETON Lot 2 2 0 0	LL REC	Act ORDRES Town or City W 13 March	APR 24 196 ONTARIO WATH OURCES COMM OURCES COMM	eR ISSION year)
Casing and Screen Record		Pumping	- Taat	
Inside diameter of casing	Statia Israi		-	
Total length of casing 55!				G.P.M.
Type of screen nil				
Length of screen nil				
Depth to top of screen nil	-			
Depth to top of screen n11 Diameter of finished hole 4 "		,	_	G.P.M.
Diameter of finished hole	-			ow ground surface
	with pump setting		1	r Record
Well Log			Depth(s) at	Kind of water
Overburden and Bedrock Record	From ft.	To ft.	which water(s) found	
Clay	0 *	20 1		
Sand	201	45 1		
Gravel Grey Limestone	<u>4.5 '</u> 50 '	<u>50 *</u> 90 *	80 7	fresh
For what purpose(s) is the water to be used? New Home Is well on upland, in valley, or on hillside? Upland Drilling or Boring Firm BLAIR PHILLIPS DRILLING CO., LTD., Address 1119 Falaise Road, Ot tawa 5, Onterio Licence Number ######## March 1965 Date 13 March 1965 (Signature of Licensed Drilling or Poring Contractor)		DEAL ENC	distances of we icate north by OTTA 1/0 2 1/0 2 1/0	arrow.
Form 7 5M-61-3852 OWRC COPY	C. W. D.	-	STAV B VB-DIV.	NEACH

U_{1} 1 8 4 3 4 1 3 5 E G_{R} 5 0 2 2 4 0 N Elev. G_{R} 0 2 1 0 N Basin 2 5 1 1 0 0 Department of N 0 0 0 0 0	ONTARIO							
Water V	NEBEAN	Con. Lot /2 Pt. Lot						
Pipe and Casing Record		Pumping Test						
Casing diameter(s) 5.0° Length(s) of casing(s) 2.0 Length of screen Developed Capacity Type of screen Duration of Test Type of pump Drawdown Capacity of pump Static level of completed well Depth of pump setting Is well a gravel-wall type?								
Wo	ter Record							
Wa Kind (fresh or mineral) Quality (hard, soft, contains iron, sulphur etc.) Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contamination? What is source of contamination? Enclose a copy of any mineral analysis that has been made Well Log Drift and Bedrock Record Image: A family fami	and une got Lamp	Location of Well						
	- Joiner	- IT Alghang						
Blew Finestone	Ottain	1 1 In						
		vilv NIN						
Situation: Is well on upland, in valley, or on hillside? Drilling Firm Stewart H Mullega Address RR# 1 Britannie Recorded by Beiney Klat Date	Addres	ss. Richmond Cat e Number Burnet What						

				Sec. mark			
UTM 18 2 413141315 SR 501212121215		REJAN 7	IVED Nº 1553	8788			
Elev. $ \Psi = 0 2 0 $	ONTARIO	GEOLOGICAL	BRANCH				
Basin 25 I	The Well Drillers Department of Mines, Provis		of MINES				
Con I Lot 12 D	ater Well	Record					
County or Territorial District. Can	iton	lage, Town or City.	Alle	I a H			
Con	d Number (if in Village, Town	or City)	rihan				
	····· Address	ムフィブ	Berg				
Date Completed . Nec. 24-195 (day) (month)	(year)	ing pump)	••••••	• • • • • • • • • •			
Pipe and Casing Record		Pumping Test					
Casing diameter(s)	5 Date	Klec 19	8 1952				
Length(s) of casing(s) 27	Static level.	6.		• • • • • • • • •			
Type of screen	Pumping leve	el	* * * * * * * * * * * * * * * * * * * *	• • • • • • • • •			
Length of screen	Pumping rate		3189ph	10			
• • • • • • • • • • • • • • • • • • • •			Marcolla				
Is well a gravel-wall type?	Distance fron	n cylinder or bowls to	ground level	••••			
Water Record							
Kind (fresh or mineral)	Florel	Death					
Kind (fresh or mineral) Quality (hard, soft, contains iron, sulphu	r. etc.)	to Wat Horizon	(s) Kind of ter Water	No. of Feet Water Rises			
Appearance (clear, cloudy, coloured)							
For what purpose(s) is the water to be us	sed? house hon	restic - 2	2 fine water				
			2				
How far is well from possible source of co		<u> </u>	<u> </u>				
What is the source of contamination?	Septur Tant			·			
Enclose a copy of any mineral analysis th	at has been made of water						
Well Lo				<u> </u>			
Overburden and Rednest Des	•		Toootlon of TTI 11				

Overburden and Bedrock Record From To Location of Well Brown Play 0 ft. - / ft. In diagram below show distances of well from road and lot line. In-+1NU 40 45 45 103 Britian Bing V See OVEN dicate north by arrow. reen lay tim stone 3rd fmili from British • • 4 Situation: Is well on upland, in valley, or on hillside!... level plain. Drilling Firm. Jewast. Muligan Address. and Name of Driller Address. Date her o 52 Licence Number assing. FORM 5 Signature of Licensee 052.53

$Conc-2$ Department of $L_{a} \neq -i2$		Act ince of Or		15 Nº NCH	8799			
Water Well Record								
p, Village, Town or City. Nep.e.a.r. Sown or City)								
Date Completed	of Well (exclue	ding pump)	•••••	• • • • • • • • • • • •			
Pipe and Casing Record			Pumping Test	·				
Casing diameter (s) X. 5." Length (s) of casing (s) H. Type of screen Static level Length of screen Pumping level Distance from top of screen to ground level Duration of test Is well a gravel-wall type? Distance from cylinder or bowls to ground level								
Kind (fresh or mineral).	•••••••••••••••••••••••••••••••••••••••		Depth(s)	Kind of	No. of Feet			
Quality (hard, soft, contains iron, sulphur, etc.)hur?	hand to Water Water Water Rises							
Appearance (clear, cloudy, coloured)								
How far is well from possible source of contamination? What is the source of contamination?	.7.5. <i>Be.c.</i> de of water	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·					
Overburden and Bedrock Record	From	To	Loc	ation of Well				
Clay	0 ft.	3.4ft.	In diagram below show distances of					
30 Mardpan	30'	43		oad and lot lin				
		• -	1		1			
			Xm X S	P house	Ø.			
			t miles					
			6/10					
			531					
Situation: Is well on upland, in valley, or on hillside? Drilling Firm. A. A. M. Ch. ean 4. So 17. Address. 18.5. Jan e.s. 57. Name of Driller C. M. Ch. ea. 7. Date. Nume. II., 19.5.3	· · · · · · · · · · · · · · · · · · ·		8.9. W.a	•••••	· · · · · · · · · · · · · · · · · · ·			
Form 5			Signature of	Licensee				

_

-

-

Conc-1 Departmen Lot -12	ONTARIO ONTARIO The Well Drillers t of Mines, Provin	GEC DEI Act	OCT 22 1953 DIOGICAL BRANG PARTMENT of MINI tario) 15 N? 35	380
vv ater	Town	lage, Towr or City)	cora	num	•••••
Date Completed	Cost of Well (exclud	ng pump)	Pumping Test		• • • • • • • • • • •
Casing diameter (s) Length (s) of casing (s) Type of screen. Length of screen . Distance from top of screen to ground level. Is well a gravel-wall type? . Rock	Static level. Pumping level Pumping rate Duration of t	20 el. 30 est. 2	5.3		· · · · · · · · · · · · · · · · · · ·
	Water Record				
Kind (fresh or mineral)	house	k	· · · · · · · · · · · · · · · · · · ·	Kind of Water	No. of Feet Water Rises
Enclose a copy of any mineral analysis that has been Well Log	n made of water	·····	••		
Overburden and Bedrock Record	From	To	Loca	tion of Well	
Sand	0 ft. 0 4 0	ft. 40 5'5		elow show dist ad and lot lin by arrow.	
Limstane	55	92	To All Se	e ler	2017 v 0 0 1
Situation: Is well on upland, in valley, or on hillsid Drilling Firm. J. B. Jufesme. Address. If 7. Carling. Name of Driller. J. Burney DateJ. a.t. 5.3.	e?	Address .			a.m.l.

UTM $8_{1 8 2}$ 431410 19_{R} 50121212 Eter 9 BA 6205 Eter 84 6 K JT Basin 251 1 1	The Wa	ONTARIO ater-well Drill Department of	ers Act E959TMEN	1513 15 UBRANCH	Nº 8803
	Water	-Wel	I Recon	City	
Pipe and Casi		1		Pumping Test	[
Casing diameter(s)		P P	tatic level umping rate umping level	300 GPA	• •
Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
efeye stones lime tone	0 20	20 62/1	50-62	to 16 pt	fresh
For what purpose(s) is the water Is water clear or cloudy?	hillside? hillsi	aile M	In diagram below road and lot line 	cation of Well show distances of a. Indicate north A A A A A A A A A A A A A A A A A A A	
			attanak	and CS	

Form	5

ا <u>5 ا</u> 5 N The Wa	ater-well Drill Department of	ers Act, 1954 Mines	APDAP TRAFTY P	9 3804 56 ANCH ETINES
(month) sing Record	(year)	ip, Village, Town or Village, Town or (ddress	City City) Pumping Test	
Log	F T	umping level 2.0	Pr.	Kind of water
ft. 0 /6	r. 16 50 /1	water (s) found 40- 50	water rises	(fresh, salty, or sulphur)
on hillside?		In diagram below	v show distances of	
	Water (month) (month) sing Record 1 Log From ft. 0 16 16 4 Support Supp	IS IS N ONTARI The Water-well Drillo Department of Water-Well Contactory Townsh (month) (year) sing Record S M Contactory To tt. Contactory To tt. Contactory To tt. Contactory To tt. Contactory To tt. Contactory To tt. Contactory To tt. Contactory To tt. Contactory To tt. Contactory To Contactory To tt. Contactory To tt. Contactory To tt. Contactory To Contactory To Conta	The Water-well Drillers Act, 1954 Department of Mines Water-Well Recor Contactors Township, Village, Town or on Village, Town or on Address (month) (year) sing Record (month) (year) static level ./.S./. Pumping level 20. Duration of test Log From To Depth (#) it. Water (#) ft. Village Log ter to be used? Log Light for the diagram below road and lot lin on hillside?	The Water-well Drillers Act, 1954 Department of Mines Water-Well Record Current of Wilage, Town or City. Address (month) (year) align Record From To

GROUND WATER BRANC UTŃ 5 1961 Ontario Water Resources Commission Act ONTARIO WATER Elev. RESOURCES COMMISSIG RECO ΚIJ Basin Township, Village, Town or City Neplan County Lot 12 1961 Ø Date completed Con. 5 month / Bells Corners & ldress... Casing and Screen Record **Pumping Test** 4 " Inside diameter of casing Static level 6 Total length of casing Test-pumping rate Type of screen None Pumping level. g hr Length of screen Duration of test pumping Water clear or cloudy at end of test Depth to top of screen..... Diameter of finished hole 4" Recommended pumping rate. う G.P.M. with pump setting of 16 feet below ground surface Well Log Water Record Depth(s) at Kind of water From øverburden and Bedrock Record which water (s) (fresh, salty, sulphur) 'n found 60 For what purpose(s) is the water to be used? Location of Well da In diagram below show distances of well from road and lot line. Indicate inorth by arrow. #17Hory Drilling or Boring Firm Address 243 Licence Number Name of Driller or Borer Address... Date (Signature of Form 7 15M Sets 60-593 CREAR OWRC COPY

	DIRE		•	\sim
UTM $ 8 ^{2}$ $ 4 ^{3} 4 ^{1} 0 ^{0} E$	Ŋ		15"N	º 3806
OT [S] = [S] O[Z] Z[Z] Z[O] N The Ontario Water Rest	ources Commission	n Act		27 103 1
Elev. THE 0121110 WATER WEI	I RFC	NRD		
			Hand D. F.	Addition of the second s
$\begin{array}{c} \hline \text{County or District} \\ \hline \text{Con.} \\ \hline \end{bmatrix} \begin{array}{c} \bigcirc \cdot \vdash \\ \bigcirc \cdot \vdash \\ \hline \end{bmatrix} \\ \text{Lot} \\ \begin{array}{c} & \mathcal{H} \\ \mathcal$	Fownship, Village,	Town or City 7 ය	True 4	4
Con.		(day	month	year)
	Idress Large	5196 121	03	
Casing and Screen Record	·····	Pumpin		
Inside diameter of casing	Static level		15	
Total length of casing	Test-pumping			G.P.M.
Type of screen	Pumping level		1.6.	
Length of screen				e Dec
Depth to top of screen			test	e Pre V
Diameter of finished hole				G.P.M.
Well Log	with pump sett			r Record
	From	То	Depth(s) at	Kind of water
Overburden and Bedrock Record	ft.	ft.	which water(s) found	(fresh, salty, sulphur)
CLAY		12		
L Mr. F. Mar	12	50	20	T. G. 4. J. M.
For what purpose (s) is the water to be used?	- 1	Location	11	
NET TONS R			distances of we licate north by	
Is well on upland, in valley, or on hillside?			3	1
Drilling or Boring Firm	1 million and the second		110	, M
Address				1 Alia
Address				
Licence Number		and the second s	10	
Name of Driller or Borer				1.30
Address	20	7		4
Date 1936 22/32/	1/ 1/ 1/			12
Date (Signature of Licensed Drilling or Boring Contractor)				
(Signature of Licensed Drilling of Boring Contractor)				
Form 7 15M-60-4138				
OWRC COPY	5700 - 7	+ tisse	1 N.	
				

~~	325	A - - -	~~		W
Form No. 2 2M-May 1946-A849 UTM $ 1 3 2 4 3 4 4 7 0 E$	***************************************	1450	RECEIV	ST NO	3809
9 R 501212131910 N				1	Х ^л
Elev. $ \frac{9}{R} \frac{0}{2} \frac{2}{0} 0 $	ONTARIO		JUN 12 19	50	$\langle N \rangle$
TI TI	he Well Drillers	Act	GEOLOGICAL BI	RANCH	
Basin Z	of Mines, Provi		DEPARTMENT OF	MINES	
Water	TT 7 - 11	D .			
water	Well				
	<u> </u>	.	ConLot13	Pt. Lot	
	· ·	ch Re	rad Higher	ay 17	
	udi	ng pump)	\$ 599.74	<i>.</i>	•••••
Pipe and Casing Record			Pumping Test		
Casing diameter(s) 6."	Date	ap	ril 19		
Length(s) of casing(s) $\dots 4.9$					
Length of screen				· · · · · · · · · · ·	
Type of screen					
Type of pumpCapacity of pump	Static level	of comple	ted well /2'	•••••	••••
Depth of pump setting					
······	Water Record				•••••
Kind (fresh or mineral)	· · · · / · · / · · · · · · · · · · · · · ·	<i></i> .	Depth(s)	Kind of	No. of Feet
Quality (hard, soft, contains iron, sulphur etc.)	soft.		Water Horizon(s)	Water	Water Rises
Appearance (clear, cloudy, coloured)	lear				
For what purpose(s) is the water to be used?	Lousehol	 1	••••	<u> </u>	
••••	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · ·			
How far is well from possible source of contamina	tion?	•••••	· · · · .		-
What is source of contamination? Septic Enclose a copy of any mineral analysis that has b					-
			····		
Well Log	· · · · · · · · · · · · · · · · · · ·		Locati	on of Well	
Drift and Bedrock Record	From	$\frac{T_0}{50,ft}$	In diagram below	show dista	nces of well
- Gill Limestone	0 ft. 50	<u>15</u> .4	from road and lot I	ine	
Armestone			Jeedie	29 0	and the second
			See die Dr. Mar	đ	
			der Dan		
		-	. 25-0-2-	-1 13	44
				1	
	0, 0				
Situation: Is well on upland, in valley, or on his \mathcal{L}	llside?Val	Key			• • • • • • • • • •
Drilling Firm 7. a. Mr Leave of	Harris		· · · · · · · · · · · · · · · · · · ·		
Address 185 James St. a Recorded by C. D. M. Leave	- carr a		····	•••••	
Date	• • • • • • • • • • • • • • • • • • •	Licence	e Number	•••••	

Basin City Department	324 31G-54 ONTARIO he Well Drillers Act t of Mines, Province of	15 Nº 3810 RECEIVED JUN 12 1980 GEOLOGICAL BRANCH DEPARTMENT OF MINES
l n=#	roh Ru	cord Con. I. Lot. / 3. Pt. Lot. ad //eglescopy 7.
Pipe and Casing Record Casing diameter(s) 6" Length (s) of casing(s) 5"4' Length of screen 5"4' Type of screen 7 Type of pump 7 Capacity of pump 7 Depth of pump setting 7	Developed Capacity Duration of Test Pumping Rate Drawdown Static level of compl	500 G. P. H. 30 MiN 500 G. P. H. 10' eted well 20'
	Water Record	
Kind (fresh or mineral)	tion? 100'	Depth(s) to Water Horizon(s) Kind of Water No. of Feet Water Rises
Well Log		Location of Well
Drift and Bedrock Record Jill Limestone	From To 0 ft. .\$74.ft. .574 /63	In diagram below show distances of well from road and lot line
		:
Situation: Is well on upland, in valley, or on hil Drilling Firm $f.a. M. Lean bAddress 185 James StRecorded by C. D. M. LeanDate$	& Son Oltacina Addres	ss

	1		31G.5c	B N	- V -
WEAR 118 2 413141613				REET	NVPSR
9R 5022115	N	ONTA			- 71055
Elev. $ 9 R O 2 1 O $	The W	-	rillers Act, 1954	GEOLDAID	AL BRANCH
Basin OTTAWA From		Department		DPARTME	INT of MINES
	17 +		11 D		
Lot 13	vater	- w e	ll Recor		
County or Territorial District	orleton	Town	ushin. Village, Town or	City Neplan	i vi
			Village, Town or C	•	
			ddress		
(day)	(month)	(year)	6		
Pipe and Casing	Record			Pumping Test	
		1			
Casing diameter(s)		1	Static level	,	
Length(s)		· · ·	Pumping rate		
Type of screen Length of screen			Pumping level30 Duration of test		
					
Well Log				Water Record	
			Depth(s)		Kind of water
Overburden and Bedrock Record	from ft.	To ft.	at which water(s) found	No. of feet water rises	(fresh, salty, or sulphur)
Clay					
Clay	<u>60</u>	60		115-1	Frech
<u> </u>					
	· · · · · · · · · · · · · · · · · · ·	_			-
		-		-	
<u> </u>					
					-
		-			
/		-			_
For what purpose(s) is the water	to be used?			cation of Well	
Somestie			E. In diagram below		Ĩ
Is water clear or cloudy?			road and lot line		
is wen on upland, in valley, or on .	miside,		Grocery	a like	
Drilling firm L. H. Mullig	g.1.		Store	101	
Drilling firm <u>L. H. Mullig</u> Address <u>Bustannia</u>	,		W AL	HE RACHY.	4 p
J.J.				A ROMY	Pa.
Name of Driller	they .	······		tw	- 27 A T
Address Britanna Britanna	Į		19 ⁻ × _E	+ Cytang Bach.	It fannie
Licence Number			100	is outh.	HT HTS
I certify that the f	~ ~		CPR.	Tot Port Bi	Tannie
statements of fact a			-++-+++++++++++++++++++++++++++++++++++	Dr.	# 15.
Date. JUNE 78/55	Clry/			fw	J
Sig	nature 🕂 License	e			
· · · · · · · · · · · · · · · · · · ·		, .			
losm E			11 . 7	3	

Form 5

also see Over.

-

$\frac{434560}{18^{2}}$	6		31 G Sc.	GROUND W	ATER BRANCH 24
Cost			ssion Act, 1957 RECORD	ONTAF	1 5 1960 RIO WATER S COMMISSION
unty or District <u>Carleton</u> n. I OF Lot/3	·····	Date comp	Village, Town or (leted 23 Mar (day II Burnham	• 1960 month	year)
Casing and Screen Record			Pum	ping Test	<u> </u>
nside diameter of casing		Static lev	el I9º		
otal length of casing			ping rate 6		
ype of screen			level 40		
ength of screen		*	of test pumping.		
Depth to top of screen			ear or cloudy at e		
Diameter of finished hole		Recomm	ended pumping ra	ate	6 G.P.M
		with	pumping level of.	·····	40
Well Log			Wat	er Record	
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
clay	0	<u>46</u>			
limestone	46	96	96	77	fresh
					_
					_
A					_
				······································	
		-			
or what purpose(s) is the water to be used? house		T	Location diagram below a board and lot line.		
well on upland, in valley, or on hillside?			and made and analy		
upland		1	h lot Re		
rilling FirmMcLean		•	 		
ddress I532 Raven Ave. Otte	<u>awa 3</u>		*2¢	;]u 0	$\rightarrow \circ$
icence Number 476		. /			Fle
ame of DrillerBFoster				i	Srap
ddress			9 ²²		× ×
Date April I, 1960		. /			in Serie
(Signature of Licensed Drilling Contracto	r)		HWY=17 C	Tawa ->	
Form 5		Pl	of verific	d by a	exceta I
			·	Ć	5558 C

-

UTM $ 1 8 z 4 3 4 1 5 5 E$ 9 077847767750 9 $077847777777777777777777777777777777777$		Act	15 N	3826
Elev (en R 10, 2,0,5) WATER WEL Basin pt, 13 County or District Carlton T Con. OF Lot 13	Cownship, Village, T	own or City ! (day	JUNE	1961 year) TVIEW ONT-
Casing and Screen Record		Pumping	Test	
Inside diameter of casing 63 Total length of casing 63 Type of screen NoNE Length of screen	Pumping level Duration of test	13* ate 3 30 pumping	, 1 Hoc	.G.P.M.
Depth to top of screen Diameter of finished hole	Water clear or cl Recommended with pump setti	pumping rate	. feet bel	G.P.M. ow ground surface er Record
Well Log	From	То	Depth(s) at which water(s)	Kind of water
Overburden and Bedrock Record	ft.	ft.	found	sulphur)
GREY LIMESTONE	60	130'	127'	Fresh.
For what purpose(s) is the water to be used?		Location	of Well	8.
For what purpose(s) is the water to be used? /CE CPRIM BaoTH Is well on upland, in valley, or on hillside? Vally. Drilling or Boring Firm J-B. DUFRESNE J- CO. 2TD Address / OI4 MAITLAND AVE. OTT AWA, ONT. Licence Number Name of Driller or Borer Address Date 22 June 1961 Date 23 June 1961 (Signature of Licensed Drilling or Foring Contractor)	road and	am below show	distances of w licate north by	

UTM 118 2 141314151710 E		WATE I	15 Nº	382T
$\frac{ S _{R}}{ S _{O} _{Z} _{Z} _{3} _{3} _{0}} \xrightarrow{N}{\text{The Ontario Water Resource}} $ Elev. $\frac{ \zeta _{R}}{ O _{2} _{O} _{5} } \text{ WATER WEL}$				ļ
$\begin{array}{c c} \text{Basin} & 2 \\ \text{County or District} & \\ \text{Con.} & T(0, F) & \text{Lot} & /3 \\ \end{array}$	ownship, Village, To ate completed	wn or City 4	nepe Jan	0 1966 year)
(print in block letters)	Bress / 544	Pumping	Ottawa	\mathcal{V}
Casing and Screen Record	Static level	1 -1	103	
Inside diameter of casing 3	Test-pumping rat			
Total length of casing	Pumping level	351		
Type of screen	Duration of test p	umning	, 1)	
Length of screen	Water clear or clo	uniping	test Cli	rudy
Depth to top of screen	Recommended p	umping rate	5	G.P.M.
Diameter of finished hole	with pump setting	$\frac{1}{7}$	7 feet below	w ground surface
	with pump setting		A REAL PROPERTY AND A REAL	Record
Well Log	From	То	Depth(s) at	Kind of water
Overburden and Bedrock Record	ft.	ft.	which water(s) found	(fresh, salty, sulphur)
Claus	0'	251		
	251	45		
Sando	451	51'		
CO C LVR				
	511	100'	98	FRESH
limestone		700	1.0	
For what purpose(s) is the water to be used?		Location m below show	distances of we	ll from
new house	road and	lot line. Inc	licate north by	arrow.
Is well on upland, in valley or on hillside? upland				/
Drilling or Boring Firm Capatal Hater				
Address 1243 Heron Rd			t	
Address 1275 Ottawa			X	
·····	<u></u>		64	
Licence Number 1687	3	12 20		
Name of Driller or Borer M Xavanagh.	K		30	
Address Date of Jan 5, 1966	20			
Date Jan Kavanagh	7		2	
(Signature of Licensed Drilling or Boring Contractor)			R \.2	
Form 7 15M-60-4138		#17	LL /	· · · · · · · · · · · · · · · · · · ·
			1)1	STREN, C R
OWRC COPY			X	

A.1	n an	2105			\checkmark
UTM 118 Z 41314131415 E		31G-5c		1-E	×3820
9 R 50224190N			K. 7.	15 Nº	X.
Elev. $ \mathcal{G} = \mathcal{G} = \mathcal{G} $	ONTARIO		MAP	26 1951	\sim
The We	ll Drillers	Act	1	GHAL BRANG	. ()
Basin 25 Department of Mi	ines, Provi	nce of Onts	L.	SEMT OF MIN	
Water W	7611	Rec	ord .	Mart+* Markereregginer – Antonioro y	· · · ·
County or Territorial District Carling T	waship, Vi	lage, Town	or City	arra	• • • • • • • • • • •
	fown	or City).	perlyline De	Trada to	1. 95A
(day) / (month) (year)					
	· · · · · · · · · · · · · · · · · · ·			· -	-
Pipe and Casing Record			Pumping Test		
Casing diameter (s)			h. 5. 1.951.		
	umping level.	el 20 /	· · · ·	· · · · · · · · · · · · · · · · · · ·	
			se per la		
i commente a la commente de la comme		test /		•••••	• • • • • • • • • •
Is well a gravel-wall type?	Distance from	n cylinder o	r bowls to ground	level.	····
Wat	er Record				
Kind (fresh or mineral)				Kind of Water Journalise Aussie	No. of Feet Water Rises
How far is well from possible source of contamination?. 4	5-1007	· · · · · · · · · · · · · · · · · · ·	-130 At	ffresh	jid ft
What is the source of contamination?septre. 45-		· · · · · · · · · · · · · ·		<i>[</i>	
Enclose a copy of any mineral analysis that has been made	of water		•	·····	•
Weil Log	1		Loca	tion of Well	
Overburden and Bedrock Record	0 ft.	To			1.
- Clay		3.0ft.	-	elow show dista ad and lot lin	
- Americane	591	2404		by arrow.	1 Laker
	7		in the first for		Cremp
		<u>ا</u>	ne 17th	Frank Tori	
			1.0	que	
· · · · · · · · · · · · · · · · · · ·			¢.	(No Y	
				AN ST	
			/	•	
		The state of the s	an an a third and a state and a state and a state	an an an an	
	1.11.	<u> </u>	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
Situation: Is well on upland, in valley, or on hillside?	intiand	æ	• • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • • •
Address Bustlemme Day					
Name of Driller. Bernard Helly		.Address.	11.7. Fapern	. It.	••••••
Date. Mon March 5th 1931	•••••		imber		
Form 5		13.	Signature of	Licensee	

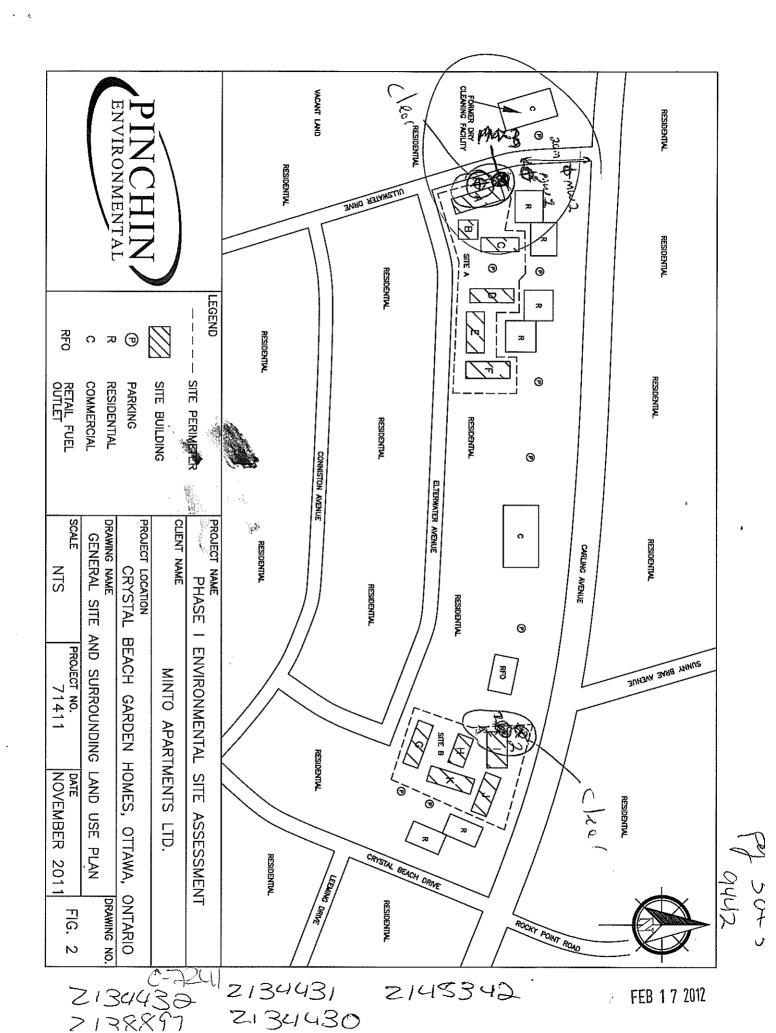
UTM 1_{18} 2_{43} 4_{3} 4_{18} 0_{18} $0_{1.9}$ 9_{R} 5_{02} 2_{14} 0_{10} M The Ontario Water Reson Elevel 9_{R} 1_{12} 0_{12} 0_{10} WATER WEL		REC	D R D R D D N TA URCS	RESOURCES IVISIQ15 NO 3 0 1965 RIO WATER ES COMMISSION	\times
Basin 25 County or District ARLETM T Con TO, F. Lot 13	Cownship Date com	o, Village, T pleted	own or City (day	NEPE	year)
Contract Caroon Record			Pumping	Test	
Casing and Screen Record	St. 1.	laval		13	
Inside diameter of casing	Test- Pumj Dura	pumping ra	ate	25- 24/25	G.P.M.
Length of screen	Wate	r clear or cl	oudv at end of	test <i>LL</i>	CARE
Depth to top of screen 3	Reco	mmended j	pumping rate	feet belo	G.P.M. w ground surface
Well Log	1			_ 	Kind of water
Overburden and Bedrock Record		From ft.	To ft.	Depth(s) at which water(s) found	(fresh, salty, sulphur)
TOPSOIL		0	3		
SAND- GERVEL - BUULDERS		3	51		
1 instruct		51	136	130	Tares H
	<u>I</u>		Location	of Well	<u> </u>
For what purpose(s) is the water to be used?		In diagra road and	um below show l lot line. Inc	distances of we	arrow.
		1	1		Reek
Drilling or Boring Firm F. R. Cosse 77E		X	F/2		Joeng
Address a TTDWA			\times	.1	1 60' PO 1217
11.00	•			< / //	
Licence Number 1632	•••			$\mathbf{N}_{\mathbf{k}}$	C
Name of Driller or Borer. 5/Im C	•				
Address				an in the	
Date Signature of Licensed Drilling or Boring Contractor)		ويدعدهم ا	- 200 9 2 - 200 9 20 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	and the second state of the second state	
Form 7 10M-62-1152				and in the second s	SS.SS
OWRC COPY		معمر ا		P012	

.M 1/18 ² \$131\$4/17 [4]R 5701212121 ilev. 57R 0121/10 W Cosingly or Pasteriot 1 (1/2) Product 17 Con. 1. 0, F. Lot	ATER WEI	Fownsh Date co	REC ip, Village, T mpleted	ORD Fown or City	1510227 3 3 NFPF JULY month 8LING	AN 1969 year)
() Casing and Samon I	Deserved					
Casing and Screen I	Record		· · · · ·	Pumping	-	
Inside diameter of casing 3 " Total length of casing	DIVISION OF					G.P.M.
				22		G.F.M.
Type of screen Length of screen	OCT 30 1969	Dur	ation of test 1	oumping	2HRS	
Depth to top of screen	A					AR
Diameter of finished hole	RESOURCES COMMISSION					A/ G.P.M.
		witl	n pump settin	ng of 22	/ feet belo	w ground surface
Well Log	·····	1			Wate	r Record
Overburden and Bedro	ock Record		From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
CIAY			C	20'		
LIMESTONE	•		20:	68'	68:	FRESH
For what $purpose(s)$ is the water to be used	1?			Location	of Well	
Is well on upland, in valley, or on hillside? Drilling or Boring Firm UP 2898 HPUC Address OT I PW UNT Licence Number 3414 Name of Driller or Borer WH Address 2898 HAPUC Date 514 516 WW (Signature of Licensed Drilling or Form 7 5M 60-20912		-		distances of we icate north by		
OWRC COPY						1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -

			· · · · · · · · · · · · · · · · · · ·
Ontario	Ministry of	Well Tag No. (Place Sticker and/or Print Below)	Well Record
P Ontario	the Environment	Tag#: A123748 AI 737 (N)	Regulation 903 Ontario Water Resources Act

an in the second se

Well Loc	and a second state of the			16 AL 89 A		··· • ·			<u> </u>		
Address of 233		position (Street Nu fer Wat			-	Township		Lot	Conce	ession	
County/Dis				<u> </u>	(City/Town/Village		I	Province	Posta	I Code
UTM Coord	linates	Zone Easting		orthing	1	Municipal Plan and Subl	ot Number		Ontario Other		
	83	1 8 4 3 4 Bedrock Mater	5 8 65	$\left[O2 \right] 2$		ord (see instructions on the	had of this family				
General C			non Materia	1		ner Materials	<u>r</u>	General Description		Der From	oth (<i>m/ft)</i>
Brn		Sand			5:1	+	Soft	dry		2	1.5
Gry		Clay			5:	17	SOFX	dry		15	3.66
bry		Clay			<i>S,</i> '	1+	Soft	wet		3.66	6.1
*****		· · · ·				1					
							1				
			NIN 11 / Juli			· · · · · · · · · · · · · · · · · · ·					
Depth Se	et at (m	ft)	Annular Type of Sea			Volume Placed	After test of well	Results of We yield, water was:	Il Yield Tes		lecovery
From *	To		(Material ar	nd Type)		(m³/ft³)	Clear and s	sand free	Time Wate	Level Time	Water Level
<u>D</u>	.31		hmoun	1				ontinued, give reason:	Static Level		
150	2.7	y Ben Sa							1	1	
d. 14	6.1	<u> </u>	10				Pump intake se	et at <i>(m/ft)</i>	2	2	
Meth	l nocl of	Construction		130 /18 /59 184	Well Us		Pumping rate (I	/min / GPM)	3	3	
Cable To	ool	Diamon			Comme	rcial 🗌 Not used	Duration of pun	ทต์เกต	4	4	
Rotary (C) Driving	🗌 Liv	mestic estock	Municip	le Monitoring	hrs +	min	5	5	
Boring		D. P .		lustrial		& Air Conditioning	Final water level	end of pumping (m/ft)	10	10	
⊮ Other, sµ	pecify	Construction R		ner, specify		Status of Well	If flowing give ra	ate (I/min / GPM)	15	15	
Inside Diameter	Oper (Galv	Hole OR Material anized, Fibreglass,	Wall Thickness		th (<i>m/ft</i>)	Water Supply	Recommended	pump depth (m/ft)	20	20	
(cm/in)	Conc	rete, Plastic, Steel)	(cm/in)	From	To	Test Hole	Recommended	pump rate	25	25	
4.03	<u>t</u>	ruc	,368	0	3,1	Recharge Well Dewatering Well	(l/min / GPM)		30 40	30 40	
						Observation and/or Monitoring Hole	Well production	(I/min / GPM)	50	50	
·		**************************************				Alteration (Construction)	Disinfected?		60	60	
		Construction R	ecord - Scre	en		Abandoned, Insufficient Supply			ell Location		
Outside Diameter	(Plastic	Material , Galvanized, Steel)	Slot No.		th (<i>m/ft)</i>	Water Quality	Please provide a	a map below following	instructions or	i the back.	
(cm/in)	PI		10	From 3.1	то 6.1	specify		Carling Ave	2		N.
4.82	/ ·	<u><u><u></u></u></u>		1	0.1	Other, specify		sm K	DOM	97 Dary 2019 Alexandron (1997) 1999 (1998) 1999 (1998) 1999	
		Water De	tails		 	lole Diameter	VE YM	· · · · · · · · · · · · · · · · · · ·			->/~
		pth Kind of Wate		Unteste	d Dep From	th (<i>m/ft</i>) Diameter To (<i>cm/in</i>)	12) ter water
VIII WILL BE AND A REAL PROPERTY OF A REAL PROPERTY		Bas Other, spo pth Kind of Wate		Unteste	ă Ö	6.8 8.25	100		 Г		N.
		Gas Other, <i>spe</i>		linteste		<u>`</u>	R. I				é
		Gas Other, <i>sp</i>			_		1		(Ave
Business N	ame of	Well Contracto Well Contractor	or and Well	Technici		tion I Contractor's Licence No.					מן
Strat	h _	soil sa	mpling		7	1241					
Business Ad	adress 2 h	(Street Number/Na 1. Bearry	amle) - C <i>rê</i> z	h		Richmondhill	Comments:				
		Postal Code	Business	E-mail Ad	laress ,	bsoilcom	Well owner's	Date Package Delivere		Ainistry Use	Aply
Bus.Telepho		(inc. area code) Na	ame of Well 1	Technician	(Last Name,	アンロンド としか First Name)	information package		Audit	No.	
905 Well Technic	764	/ 9 3 0 / ence No. Signature	<u>BCa</u>	in and/or C	Brian Contractor Da	te Submitted	delivered	Date Work Completed		z134	432
36	11	6	\sim	5	6	1011/10220		ROIN 11 11 10		EEB 17 (2012



Ontario

Ministry of the Environment

Well Tag No. (Place Sticker and/or Print Below) ムリつふう レタ

Well Record

Regulation 903 Ontario Water Resources Act

Well Location							<u></u>	• • • • •		<u></u>
Address of Well L	ocation (Street Nu			T	ownship		Lot	Conce	ssion	
County/District/M	1 fer Wat	vi /1	IVR	c	City/Town/Village			Province	Posta	I Code
					_ o Hawe			Ontario		
UTM Coordinates			orthing DAJ	394	lunicipal Plan and Subl	ot Number		Other		
in the second seco					rd (see instructions on the	a back of this form	n)			
General Colour	Most Com	mon Materia	I	Oth	er Materials		General Description)	Dep From	oth (<i>m/ft)</i> To
Bra	Sano	ł		5;	<u> 1+</u>	Soft	dry		0	1.5
Gry	Clan			5	<u>i 14</u>	SOFT	t dry		1.5	3.66
Gry	1	Clay			<u>s:1+</u>	50ft	wet		3.66	6.1
		F		<u>،</u>		1				
·										
									_	
****						,				
Depth Set at (m	o/#)	Annular			Volume Placed	After test of we	Results of We	Il Yield Test		ecovery
From T		(Material ar			(m³/ft³)	Clear and	sand free	Time Water	Level Time	Water Level
0,3		<u>crete /</u>	Hushn	nount		Other, sp	continued, give reason:	(min) (m/	ft) (min)	(m/ft)
.31 2	74 b	enseal				in particular disc	sonanded, give reason.	Level		
2.74 6.	1	Sand				Pump intake s	set at (m/ft)	1	1	
								2	2	
Method o	fConstruction			Well Us	e	Pumping rate	(I/min / GPM)	3	3	
Cable Tool	tional) Diamono		blic mestic	Commer		Duration of pu	imping	4	4	
Rotary (Reverse	e) Driving		estock	Test Hol	e Monitoring	hrs +	min	5	5	
Boring		Irrig	lustrial		& Air Conditioning	Final water lev	el end of pumping (m/ft)	10	10	
Other, specify_		I	ner, specify			If flowing give	rate (I/min / GPM)	15	15	
Inside Ope	Construction R	ecord - Cas Wall	i i i i i i i i i i i i i i i i i i i	h (<i>m/ft</i>)	Status of Well	Recommende	d pump depth (m/ft)	20	20	
Diameter (Gal	vanized, Fibreglass, crete, Piastic, Steel)	Thickness (cm/in)	From	То	Replacement Well Test Hole	1.000111101100	a panip copin (ning	25	25	
4.03	PVC	.368	0	3.1	Recharge Well	Recommende (I/min / GPM)	d pump rate	30	30	
			<u> </u>		Dewatering Well	Mall productio	n (l/min / GPM)	40	40	
					Monitoring Hole		an (anna 7 Gr w)	50	50	
					(Construction)	Disinfected?	No	60	60	
	Construction R	ecord - Scre	en		Insufficient Supply			ell Location	<u></u>	
Outside Diameter	Material	Slot No.	Dept	h (<i>m/ft</i>)	Water Quality	Please provide	a map below following	instructions on t	he back.	<u>, (</u>
(cm/in) (Plast	ic, Galvanized, Steel)		From	То	Abandoned, other, specify		Carling A	æ		
4.82	PUL	10	3.1	6.1	Other, specify		Jaon			
					And the second s	2	No.	7		
Water found at D	Water Det epth Kind of Wate				ole Diameter	l un	8 - 7 23	2		
	Gas Other, spe			From	To (cm/in)	to the				
	epth Kind of Wate		Untested	0	6.18.25	Property		Г		
	Gas Other, spe epth Kind of Wate		Untested	1		a' i		l	}	
(m/ft) 📋	Gas Other, spe	cify			}	1			(
Business Name of	Well Contractor	r and Well	Technicia		ion Contractor's Licence No.	\		1]	1
Strate S	soil sa	mpling		1	1241					١
Business Address	(Street Number/Na	· ·	reet	Mur	icipality	Comments:		www.t+t		***
Province	Postal Code	Business		dress Osta				4		<u></u>
0 // Bus Telephone No	(inc. area code) Na					Well owner's information	Date Package Delivere	d M Audit N	inistry Use	Only
905764	(9 30y)	Beat	14 K	ria		package delivered	Y Y Y Y M M Date Work Completed	- 1 BRANSSOUSSA	a a an	897
Well Technician's Lic	ence No. Signature	af Technicia	and/or Co	ontractor Date	Submitted	Yes		201	z138 FEB17	2012
561	10 1	~	Σ	n	01111280		2011/126	E C Receive	d.	alansia sina sina

Ontario

Ministry of the Environment Well Tag No. (Place Sticker and/or Print Below) Tag#: A123725

Regulation 903 Ontario Water Resources Act

Well Loca	esendon estino								1101010	<u>[* ~~] </u>	<u> </u>	
Address of		cation (Street N 115 Wat) Dr.		Township			Lot	Conces	sion	
County/Dist						City/Town/Village			<u> </u>	Province	Posta	I Code
UTM Coordi	inates 12	one ,Easting	N	orthing		OHawa Municipal Plan ar		at Number	· · · · · · · · · · · · · · · · · · ·	Ontario Other		
	8 3	18434	1	-	1	молора гана	10 3000			Other		
		Bedrock Mate	rials/Aband	onment S	ealing Rec	ord (see instruction	ns on the	<u> </u>				
General Co	olour	Most Cor	nmon Materia	I	OI	her Materials			al Description	1	From	oth (<i>m/ft)</i>
BIK		<u></u>	Soil		1			· · · · · · · · · · · · · · · · · · ·	dry		0	.91
Brn		Sand			<u> </u>	4		soft, o	lry		. 91	3.66
<u>67</u>		Sand			Clay	<i></i>		soft, w	et		3.66	5,79
						•		ı				
											-	
			· · · · · · · · ·									
				·····					74			

Depth Se	et at (<i>m/i</i>	9	Annulai Type of Sei			Volume Pla	ced	After test of well yield,		Draw Dow	-	Recovery
From `	То		(Material ar	nd Type)		(m³/ft³)		Clear and sand fr		Time Water L	evel Time	Water Level
_0	•31	Conc	rete/fi	ushmou	int		•	Other, specify	d. give reason:	Static	t) (min)	(m/ft)
<u>, 31</u>	2.74	Ben	seal							Level 1	1	
2.74	5.70	50	ind					Pump intake set at (n	1/ft)		-	
										2	2	
		Construction			Well U	se		Pumping rate (I/min /	GPM)	3	3	
Cable To Rotary (C		Diamo (nal) Jetting		blic mestic	Comm	P		Duration of pumping		4	4	1
Rotary (R		Driving	🗌 Liv	restock	Test H	ole 🖬 Mon	itoring	· · · · · · · · · · · · · · · · · · ·	nin	5	5	
Boring Air percu	ission	Diggin		gation Iustrial	Cooling	& Air Conditioning		Final water level end of	f pumping (m/ft)	10	10	
Other, sp	pecify	<i>), P.</i>	🗌 Ot	her, <i>specify</i>				If flowing give rate (I/n	nin / GPM)	15	15	
Inside	T	Construction Hole OR Material	Record Ca:	×	th (<i>m/ft</i>)	Status of V		Recommended pump	donth (m/ff)	20	20	
Diameter (cm/in)	(Galva	nized, Fibreglass, ete, Plastic, Steel)	Thickness (cm/in)	From	То	Replacemen	-	Recommended pump	depai (nøn)	25	25	
4.03	PU		.368	0	214	Test Hole	'ell	Recommended pump (I/min / GPM)	rate	30	30	
1103					PV 17	Dewatering \ Dewatering \ Dewatering \				40	40	
						Monitoring Ho		Well production (I/min	/GPM)	50	50	
1999 March 2 Sector and a construction of the construction of the construction of the construction of the const						Alteration (Construction	· ·	Disinfected?		60	60	
NSW0551 MAN WARDEN		Company				Abandoned, Insufficient S	upply	Yes No	Manadia	ell Location		
Outside	<u>90.7059103809</u>	Construction Material			th (<i>m/ft</i>)	Abandoned, Water Qualit		Please provide a map				
Diameter (cm⁄in)	(Plastic,	Galvanized, Stee	I) Slot No.	From	То	Abandoned, specify	other,					
4.82	βı	"L	10	2.74	25.7	7			See	Map		
						Other, specif	fу 			/		
		Water D	etails			lole Diameter			See Mwz			
		th Kind of Wat		Unteste	d Der From		meter m/in)					
		as Other, <i>sj</i> oth Kind of Wal		Unteste	0	5.79 8.	25					
(m/	<i>\/ft)</i> □ G	as Other, s	ecify									
		oth Kind of Wat as Dther, s		Unteste	d		<u>.</u>					
		Well Contrac		Technici	_ an Informa	tion						
<i>.</i>	ame of V	Vell Contractor	í.			ell Contractor's Licer	ce No.					
Strate Business Ad		Street Number/N	mpling Jame)		 M	7 2 4 unicipality	1	Comments;				An.A
147-2		Beaver	creek			Rich mondl	hi11					
Province		Postal Code		E-mail Ad	Idress	1 1		Well owner's Date Pa	abaca Deline		an and a second a survey	
0N Bus.Telephor	ne No. (i	LYDIC	. 6 いて lame of Well 1	echnician	(Last Name,	ねららけ. Con First Name)	<u>ı</u>	information	ackage Delivere	Audit No	nistry Use ^{5.}	
		9304 Ice No. Signatu						delivered	Y Y M M		134 FEB 17	431
Well Technicia		ice No. Signatu 6	e of Technicia	an and/or C		te Submitted 0 γ / μ Ω		Yes	11/1 1/20	20	Glegali (Belgija)	10112
		-			27		~ U		y 10 10 10 10 10	20 Receive	a 300/2000/2000/2000	



Ministry of the Environment

Well Tag No. (Place Sticker and/or Print Below) Tag#: A123745 A123745

Well Loc		ation (Street N	umbar/Nam									
		15 Weiter		9)		Township		Lot		Concessio	חכ	
County/Di	istrict/Muni	cipality				City/Town/Village			Provi		Posta	I Code
		ne Easting		Northing	· · · · · · · · · · · · · · · · · · ·	OTTAWA Municipal Plan and Sul	olot Number		Other	ario		
NAD	831	8-434	1973	502	2348							
General (mon Materia			c ord (see instructions on t	he back of this fo	orm) General Description	<u>.</u>		Der	oth (<i>m/ft</i>)
BRI	v	Silt					h /		·		From Ø	To 2.44
BAN		Silt Clay Clay			Clay Silt		hard	, Dry moist			<u>)</u> .44	
GRY	(Jur			Sand		Such	, wet			1.96	5.79
		/				1		, <u> </u>			<u>, 74</u>	13.77

	27.000.001 (2010) (2010) (2010)											
	et at (<i>m/ft</i>)	1	Type of Se	r Space alant Use	d	Volume Placed	After test of	Results of Wa		d Testing aw Down	- Contract -	ecovery
From <i>(</i>)	To		(Material a	nd Type)		(m³/ft³)		nd sand free	Time (min)	Water Leve (m/it)	l Time	Water Level
.31	.31	Con	ink /	1-1us	chmour	<u> </u>	11	iscontinued, give reason:	Static	(11014)	(min)	(m/it)
	3.96	Ben.			·				Level 1		1	
3.94	5.79	Sand	1				Pump intake	e set at <i>(m/ft)</i>	2		2	
Meti	hod of Cr	Instruction	CONTRACTOR CONTRACTOR	W.Sept.com			Pumping rat	e (l/min / GPM)	3		3	
Cable To	loc	🗌 Diamon			Well U				4		4	
Rotary (Rotary (I		I) Usetting	1	omestic vestock	Munici		Duration of hrs +		5		5	
Boring	ussion .	Digging		igation dustrial		g & Air Conditioning	Final water le	vel end of pumping (m/it)	10		10	
Cother, s	pecify Dir	ect pust		her, <i>specil</i>	ý		If flowing giv	e rate (I/min / GPM)	15		15	
Inside	1	nstruction R	tecord - Ca Wall	1	pth (<i>m/it</i>)	Status of Well			20		20	
Diameter <i>(cm/in)</i>	(Galvaniz	ed, Fibreglass, Plastic, Steel)	Thickness. (cm/in)	From		Replacement Well	Recommend	ded pump depth (m/ft)	25		25	
4.03	PU	°C	-368	U	3.74	Test Hole Recharge Well	Recomment (I/min / GPM)	led pump rate	30		30	
<u></u>						Dewatering Well		ion (I/min / GPM)	40		40	
						Monitoring Hole			50		50	
<u> </u>		· · · · · · · · · · · · · · · · · · ·		-		(Construction)	Disinfected?] No	60		60	
0.1.11	C	onstruction R	ecord - Scre	1 2 4 1 5 1 6 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9		Insufficient Supply		Map of We				
Outside Diameter <i>(cm/in)</i>	M (Plastic, Ga	aterial Ivanized, Steel)	Slot No.	De From	oth (<i>m/ft</i>) To	Water Quality	Please provic	le a map below following	nstructio	ons on the b	ack.	
4.82	DU	2	10	3.1	279	specify						
						Other, specify						
		Water Det		<u> </u>	1	lole Diameter			_			
		Kind of Wate		Unteste	d Dep From	th (<i>m/ft</i>) Diameter To (<i>cm/in</i>)		See Mr Mw 2	R			
Water found	d at Depth	Kind of Wate	r: []Fresh [Unteste	d Ü	5.79 8.25						
(m Water found	/ft) Gas	Other, spe Kind of Water	cify	11				M.) 2				
		Other, spe		Onteste	-	······································		1100				
Business Na	We of Mer	ell Contracto	r and Well	Technic	******	A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR						
Strat	z 50	1 50	implin	1		2 2 4 7						
Business Ad	Idress (Stre	et Number/Na	me)	м.	M	inicipality	Comments:			• •••••••		
Province	Ρ.	ostal Code	Business		ldress	i-hmondhill						
DN Bus Telephor		14 BI C	6 Wre	cords	U.S. trai	hsoil con	Well owner's information	Date Package Delivered	11.2		ry Use	Only
9057	16 4 9	204	Bent	4	Kaina		package delivered			Audit No.	344	30
Well-Technicia	an's Licence	No. Signature	of Technicia	h and/or C	Contractor Da	te Submitted	Yes	Date Work Completed	,	\$610520,000,000,000,000	1720	2014-3-3-01 (Table 10) (1)
			111	ŕ	+0	トマードー リー かい シントしん		TZIOYYMIA		analisan sal	ning kirking h	AND DESCRIPTION OF THE PARTY OF T

Ontario

Ministry of the Environment

Well Tag No. (Place Sticker and/or Print Below)

Regulation 903 Ontario Water Resources Act

Well Location Address of Well Location (Street Number/Name)		Township		Conces		
<u>Sullsmater</u> Dr County/District/Municipality		City/Town/Village				
		offance		Province Ontario	Posta	Code
NAD 8 3 8 4 3 4 2 5 50 2	1221811	Municipal Plan and Subl	lot Number	Other		
Overburden and Bedrock Materials/Abandonmen General Colour Most Common Material	it Sealing Reco	ord <i>(see instructions on the</i> her Materials			l Der	th (<i>m/ft)</i>
Bilt Top Sail			General Description	l	From	
Brn Sand	Clay	,			291	2.44
Gry Sand	Clay				2.44	4.57
2			· · · · ·			
		·····				a
Annular Space Depth Set at (m/ft) Type of Sealant Us		Volume Placed	Results of We	Il Yield Testir		
From To (Material and Type		(<i>m³/ft³</i>)	Clear and sand free	Time Water Le	evel Time	ecovery Water Level (m/ft)
THE PAR P. I	~1		If pumping discontinued, give reason:	Static Level	(11111)	(1111)
0 1.5 RMay Berto 1.5 4.57 Sand	nite			1	1	
1.5 4.5/ Sand			Pump intake set at (m/ft)	2	2	
Method of Construction	Well Us	ie	Pumping rate (I/min / GPM)	3	3	
Cable Tool Diamond Public Rotary (Conventional) Jetting Domestic	Comme		Duration of pumping	4	4	
Rotary (Reverse) Driving Livestock Boring Digging Irrigation	Test Ho		hrs + min Final water level end of pumping (m/ti)	5	5	
Air percussion Other, specify Other, specify		a Air Conditioning		10	10	
Construction Record - Casing		Status of Well	If flowing give rate (Vmin / GPM)	15	15	
Diameter (Galvanized, Fibreglass, Thickness	Depth (<i>m/ft)</i> m To	Water Supply Replacement Well	Recommended pump depth (m/ft)	20	20	
		Test Hole	Recommended pump rate (//min / GPM)	30	30	
21.05 Plastic ,368 0	1.5	Dewatering Well Observation and/or	, , , , , , , , , , , , , , , , , , ,	40	40	
		Monitoring Hole	Well production (Umin / GPM)	50	50	
		(Construction)	Disinfected?	60	60	
Construction Record - Screen		Insufficient Supply		Location		
Diameter Material E (<i>cm/in</i>) (Plastic, Galvanized, Steel) Stot No. Fron	Depth (<i>m/ft)</i> m	Water Quality Abandoned, other,	Please provide a map below following i		e back.	
4.82 Plastic 10 1.5	- 4.5	specify	See Map MW3	0		
		Other, specify	ANS			
Water Details		ole Diameter				
(m/ft) Gas Other, specify	From	To (cm/in)				
Water found at Depth Kind of Water: Fresh Unter (m/ft) Gas Other, specify	sted <u>O</u>	4578.25				
Water found at Depth Kind of Water: Fresh Unter	sted					
(m/ft) Gas Other, specify Well Contractor and Well Techn	 ician Informat	ion				
Business Name of Well Contractor SHata Soil Sampling		Contractor's Licence No.				
Business Address (Street Number/Name)		nicipality	Comments:			
Province Postal Code Business E-mail	Address	ichnoudH171				
Bus. Telephone No. (inc. area code) Name of Well Technicia	50 Strate	Soil.com	Well owner's Date Package Delivered	Min Audit No,	istry Use	Only
POS ZV2497304MCLi M Well Technician's Licence No. Signature of Technician and/o	like		package Y Y Y M M I delivered Date Work Completed	Z	145	342
3 4 4 8 Math		e Submitted 3 1 Z 63 / 2 2			FEB 17	2012
ASARE (2007/12) @ Ousse's Brinter for Onlands (2007				I Locale and a state	aanaa ahaa ahaa ahaa ahaa ahaa ahaa aha	and the state of the second second

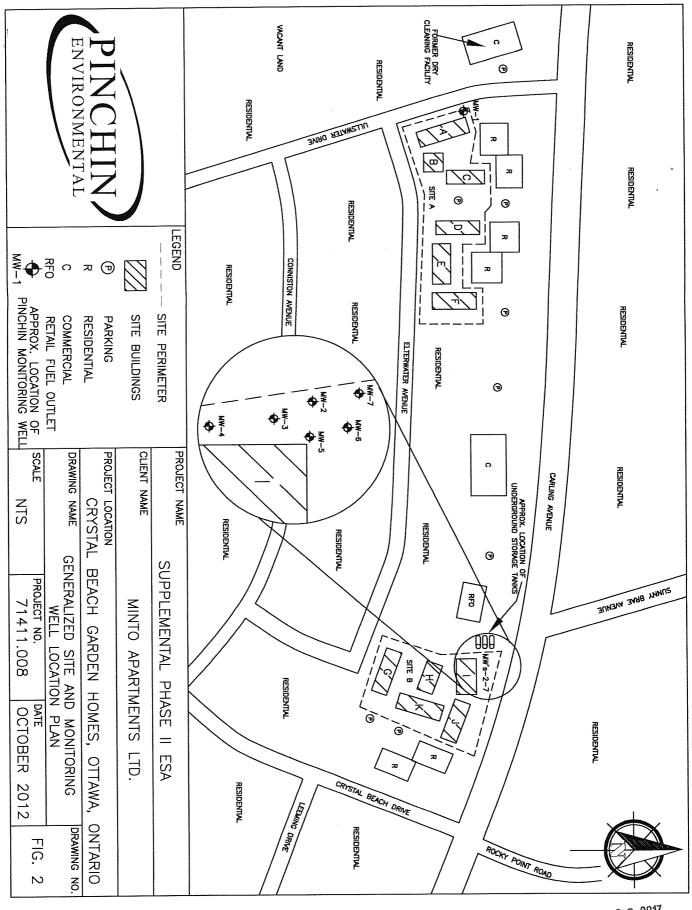
* ~				5-13 +03
Ontario	Ministry of	Well Tag No. (Place	Sticker and/or Print Below)	Well Record
Unitario	the Environment	AUGISOZ	Tag#: A141802	Regulation 903 Ontario Water Resources Act
Measurements recorded in	n: Metric 🗌 Imperial	K141800	149	Page of

Address of Well Location (Street Number/Name) Grystal Beach D	<i>C</i> .	Township	Lot Concession				
County/District/Municipality	-	City/Town/Village	<u>_</u>	Province Ontario	Postal	Code	
UTM Coordinates Zone Easting	1.0	Municipal Plan and Subl	lot Number	Official IO			
UTM Coordinates Zone Easting Northing NAD 8 3 4 4 5 8 7 5 3	ten er strastan verster er straster er						
Overburden and Bedrock Materials/Abandonment General Colour Most Common Material		cord (see instructions on the	e back of this form) General Descriptior	1	Dep From	th (<i>mlft)</i>	
BRN topsoil			saft		0	.3/	
BRN clay	sand		soft		.3)	1.88	
BRN clay GRY clay	sand silt		saft		1.88	5.49	
				***		-	
			Results of We				
Annular Space Depth Set at (<i>m</i> / <i>ft</i>) Type of Sealant Us	ed	Volume Placed	After test of well yield, water was:	Draw Dow		ecovery	
From To (Material and Type)		(m³/ft³)	Clear and sand free	Time Water (min) (ml		Water Level (m/ft)	
0 3/ concrite Khy 3/ 2.13 bentonite	SMM. OUN	•	If pumping discontinued, give reason:	Static Level			
				1	1	-	
2)35.49 Fiter sand			Pump intake set at (m/ft)	2	2		
			Pumping rate (I/min / GPM)	3	3		
Method of Construction	Well U			4	4		
Rotary (Conventional) Jetting Domestic Rotary (Reverse) Driving Livestock	☐ Municij ☐XTest H	pal Dewatering	Duration of pumping hrs + min	5	5		
Boring Digging Irrigation		g & Air Conditioning	Final water level end of pumping (m/ft)	10	10		
Air percussion Direct Push	;ify		If flowing give rate (Ilmin / GPM)	15	15	-	
Construction Record - Casing		Status of Well		20	20		
Diameter (Galvanized, Fibreglass, Thickness	epth (<i>m/ft)</i>	Water Supply Replacement Well	Recommended pump depth (m/ft)	25	25	-	
10.16 PVC	2119	↓ □XTest Hole □ Recharge Well	Recommended pump rate (IImin / GPM)	30	30		
	/	Dewatering Well J-Observation and/or		40	40	-	
		Monitoring Hole	Well production (IImin / GPM)	50	50		
		(Construction)	Disinfected?	60	60		
Construction Record - Screen		Insufficient Supply		Il Location			
Outside Material Diameter (Digestin Columniand Start) Slot No.	epth (<i>m/ft</i>)	Abandoned, Poor Water Quality	Please provide a map below following i		ne back.		
(cmlin) (Plastic, Galvanized, Steel) Slot No. From	To	Abandoned, other, specify					
PUC 10 7.4	<u></u>	Other, <i>specify</i>		, _	4		
			M	Ma Ma			
Water Details Water found at Depth Kind of Water: Fresh Untes	ted Dep	th (<i>mlft</i>) Diameter		Ma	\square		
(<i>m/ft</i>) Gas Other, specify Water found at Depth Kind of Water: Fresh Untes	From	To (cm/in) 5.49 30.48)20	- 1-10	P		
(<i>m/ft</i>) Gas Other, specify		/ 30.70					
Water found at Depth Kind of Water: Fresh Untest	ted						
(m/ft) Gas Other, specify	cian Informa	tion					
Business Name of Well Contractor	e te nova debre helsen de envela se esta se est	Il Contractor's Licence No.					
Strata Soil Sampling Inc. Business Address (Street Number/Name)	Mu	7 2 4 1	Comments:			· · ·	
147-2 West Beaver Creek Ro	ad Ric	chmond Hill					
Province Postal Code Business E-mail / Ontario L4B 1C 6 Wrecou		atasoil.com	Well owner's Date Package Delivered	NA:-	nistry Use (July	
Bus. Telephone No. (inc. area code) Name of Well Technicia	n (Last Name,	First Name)	information package	Audit No			
Well Technician's Licence No. Signature of Technician and/or	· · · · · · · · · · · · · · · · · · ·		delivered 1 1 1 1 1 Yes Date Work Completed	- Z (1643	COVER MER	
3656 00007/00 0000000 0000000000000000000000	$\supset 3$	13 6B 1S0	XNO 2013025	G Receive	110 7 17 7	n17	

0506E (2007/12) © Queen's Printer for Ontario, 2007

 \langle

		and the second s
Min	istry's	Сору



C-7241 2164316.

MAR 2 0 2013

5-13+05

Ð Well Tag No. (Place Sticker and/or Print Below) Ministry of the Environment Ontario A111 801 Metric Measurements recorded in:

Imperial

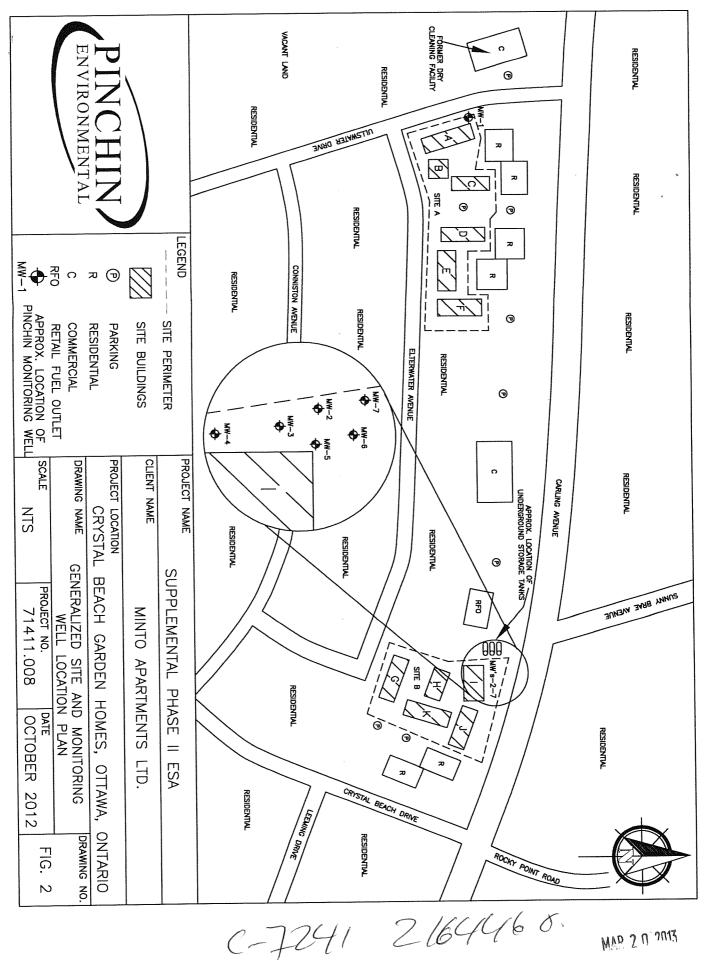
Tag#: A141801

S-13 +03 Well Record

Regulation 903 Ontario Water Resources Act

Page of

11 6	ocation (Street Number/Name)	To	wnship	Lot	Conc	ession	
County/District/M	stal Beach D unicipality		ty/Town/Village		Province	Postal C	ode
	Zana Dasting Northing		がるしょう unicipal Plan and Sublo	t Number	Ontario Other		
UTM Coordinates NAD 8 3	100071606161	1407					-
Overburden and	d Bedrock Materials/Abandonment			back of this form) General Descriptio	n	Depth	(m/ft)
General Colour	Most Common Material	Othe	r Materials			From	To S
ISISN ROW	40p 50.1	s. d		Soft If		31	2/3
BRA	Clay	sand silt		Sart		2.13	5.49
GRI	clag	5.11		5011			
							-
							-
	Annular Space			Results of W After test of well yield, water was:	/ell Yield Te		overy
Depth Set at (<i>m</i> From T	o (Material and Type) /	Volume Placed (m³/ft³)	Clear and sand free	Time Wat	er Level Time W (m/ft) (min)	
0.3	1 flyshmoutles	-c-ete		Other, specify If pumping discontinued, give reasor	Static		(11111)
53/2.	1) flyshmoutles 13 bentanite			is partipling addentition of groups	Level 1	1	
2.13 5."	19 Cilter sand	·		Pump intake set at (<i>mlft</i>)	2	2	
					3	3	
KULLANDER DOTA THAT HE MANY AND	of Construction	Well Use		Pumping rate (Ilmin / GPM)	4	4	
Cable Tool	Diamond Public	Commer	Dewatering	Duration of pumping hrs + min	5	5	
Rotary (Reverse Boring	e) Driving Livestock	□ ^l ¥Test Hole □ Cooling &	e D ² Monitoring & Air Conditioning	Final water level end of pumping (m/		10	
Air percussion	Direct Push		Ŭ		15	15	
Other, specify_	Construction Record - Casing	City	Status of Well	If flowing give rate (IImin / GPM)	20	20	
		Depth (<i>mlft)</i>	Water Supply Replacement Well	Recommended pump depth (m/ft)	25	25	
<i>(cm/in)</i> Con	ncrete, Plastic, Šteel) (cm/in) Fro	m To	Test Hole	Recommended pump rate	30	30	
10:16	eve i c	2.49	Recharge Well Dewatering Well	(Ilmin I GPM)	40	40	
			Observation and/or Monitoring Hole	Well production (Ilmin / GPM)	50	50	
			Alteration (Construction)	Disinfected?	60	60	
			Abandoned, Insufficient Supply		Vell Locatio		
Outside		Depth (<i>m/ft)</i>	Abandoned, Poor Water Quality	Please provide a map below followir			
Diameter (cm/in) (Plas	tic, Galvanized, Steel) Slot No. Fro	1	Abandoned, other, specify			-AND CO.	
12.65 A	DUC 10 2.4	195.49	Other, specify		. 1 -	\leq	
		/			W-		
	Water Details		ole Diameter h (<i>mlft</i>) Diameter	M	MAY	0	
	Depth Kind of Water: Fresh Unter Content Conte	From	To (cmlin)	1.1			
Water found at D	Depth Kind of Water: Fresh Unter	ested O	5.49 30.48				
(m/ft)	Gas Other, <i>specify</i>	ested					
	Gas Other, specify						
Business Name o	Well Contractor and Well Tech		ion Il Contractor's Licence No.				
	Soil Sampling Inc		7 2 4 1				
Business Address	s (Street Number/Name) West Beaver Creek		nicipality chmond Hill	Comments:			
Province Ontari	Postal Code Business E-ma	il Address	ratasoil.com	Well owner's Date Package Delive	100000000	Ministry Use	Only
Bus. Telephone No	b. (inc. area code) Name of Well Technic	ian (Last Name,	First Name)	l information package delivered	ilolol 🎆		<u></u>
	icence No. Signature of Technician and			Yes Date Work Complete	1.633633	z 1644	
365		\bigcirc \bigcirc	UBOBK	The APRIA	I de Rec	MAR 2.0	1013
0506E (2007/12)	© Queen's Printer for Ontario, 2007		Ministry's Copy				-



MAP 2 1 2013

V-12+0J

AS	0-	tar	in
V	U	itar	Ю

Measurements recorded in:

Metric 🗌 Imperial

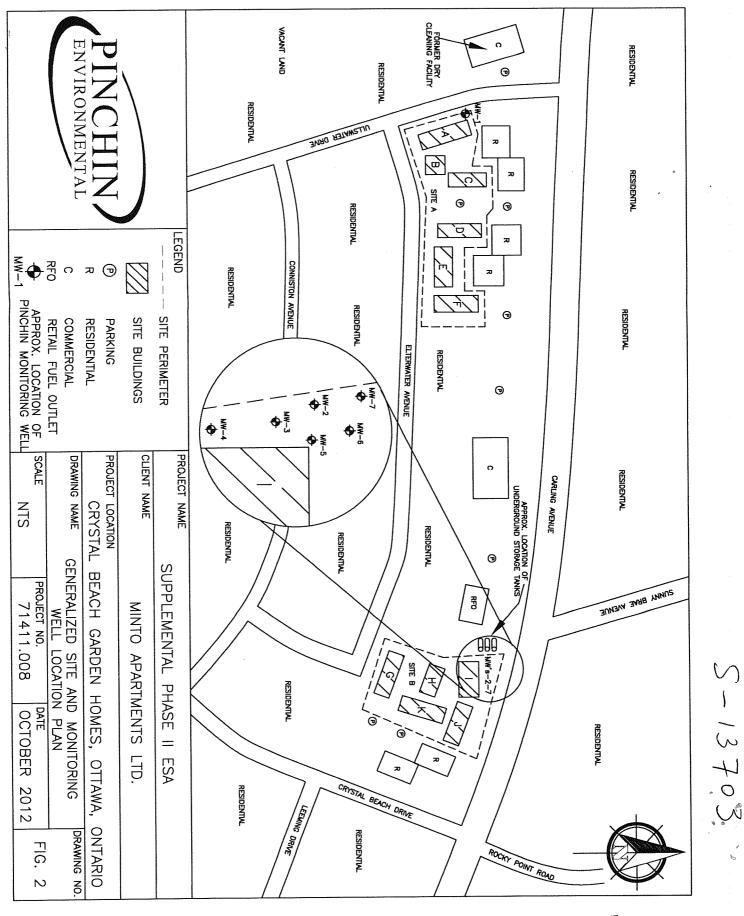
Well Tag No. (Place Sticker and/or Print Below)

Tag#: A141806 A14/806

S-1370**J** Well Record Regulation 903 Ontario Water Resources Act

Page____ of ____

Address of Well L	Location (Street Number/N	ame) PA		Township		Lot	C	Concession		
County/District/M			0	City/Town/Village			Provinc		Posta	I Code
UTM Coordinates	Zono Easting	Northing	ň	Municipal Plan and Subl			Onta Other	rio		
NAD 8 3	Zone Easting 1 8 4 3 4 5 5	5022	410		othumber		Other			
Overburden an	d Bedrock Materials/Ab	andonment S	ealing Reco	ord (see instructions on th	e back of this form)			hang di serie		
General Colour	Most Common Ma	terial	Oth	ner Materials	Gener	al Description			Dep From	oth (<i>m/ft)</i>
Brin	tegent		<u> </u>	<u>-y</u>	Soft.				9	2.13
Gry	Clay		5:10	<u> </u>	Soft.			Э	.12	6.1
(\langle									0
	Δηι	nular Space	1			esults of We		Testing		
Depth Set at (m	n/ft) Type o	of Sealant Used		Volume Placed	After test of well yield, w	vater was:	Drav	w Down		ecovery
From To		ial and Type)	1	(m³/ft³)	Clear and sand fre	96	Time 1 <i>(min)</i>	Water Level (m/ft)	Time (min)	Water Level (m/ft)
0.3		mot/ Caer	ete_		If pumping discontinued	l, give reason:	Static			
31 27		al .					Level 1		1	
274 6	1 Sal				Pump intake set at (m.	/ft)	2		2	
Method o	f Construction		Well Us	e	Pumping rate (Ilmin / G	βPM)	3		3	
Cable Tool		Public	Comme		Duration of pumping		4		4	
Rotary (Convent		Domestic	Municipa		hrs + m	in	5		5	
Boring	Digging	Irrigation	Cooling	& Air Conditioning	Final water level end of	pumping (m/ft)	10		10	
Other, specify		Other, specify			If flowing give rate (I/m	in / GPM)	15		15	
	Construction Record	Casing		Status of Well			20		20	
Diameter (Galv	n Hole OR Material Wa vanized, Fibreglass, Thickn	ess	th (<i>m/ft)</i>	Water Supply	Recommended pump	depth (m/ft)	25		25	
	crete, Plastic, Šteel) (cm/		То	Test Hole	Recommended pump	rate				
7.03 p	lishe -36	80	3.1	Recharge Well Dewatering Well	(Ilmin GPM)		30		30	
in the second				Observation and/or Monitoring Hole	Well production (Ilmin /	GPM)	40		40	
				Alteration	Disinfected?		50		50	
	·····			(Construction)	Yes No		60		60	
	Construction Record -	Screen	- I	Insufficient Supply		Map of We				
Outside Diameter	Material ic, Galvanized, Steel)	No.	th (<i>m/ft</i>)	Water Quality	Please provide a map b	elow following i	instructior	ns on the ba	ick.	
		From	То	specify						
4.81-1	Plaster 10) 3d	6.	Other, specify		1.0.10	,	sA a	r	C
				Unit, 0,000,000		aben.	A	100	~ _	6
	Water Details			ole Diameter		Cabell	con	М	0	
Water found at De	epth Kind of Water: Fre Gas Other, specify	sh Untested	From	h (<i>m/ft)</i> Diameter To (<i>cm/in</i>)				1.5	P	
	epth Kind of Water: Fre	sh Untested		6d 8.25						
	Gas Other, specify									
Water found at De (m/ft) (epth Kind of Water: Fre Gas Other, <i>specify</i>	sh Untested	1							
(1111)	Well Contractor and V	Vell Technicia	n Informati	ion						
Business Name of	Well Contractor			Contractor's Licence No.						
	Soil Sampling	inc.		7 2 4 1						
	(Street Number/Name) lest Beaver C.	reek Roa	ad Ric	nicipality Chmond Hill	Comments:					
Province	Postal Code Busi	ness E-mail Ado	dress							
Ontario				atasoil.com	Well owner's Date Pac	kage Delivered	1000	Ministr	y Use	Only
Bus.Telephone No. (995+7 64-	(<i>inc. area code</i>) Name of W	2		-irst Name)	package delivered	V M M E		udit No.	. <u>л</u> л	<u>^</u>
Well Technician's Lice	ence No. Signature of Tech	nician and/or Co	ontractor Date	Submitted	Tes Date Wo	rk Completed		Z _{MÅR} 6	2404	ng s
372	0000 1	2	17H	01303180	INO ZOY	130 22		aceived		
0506E (2007/12) © 0	Queen's Printer for Ontario, 2007		v	Ministry's Copy			~			



C-2241 Z164463

MAR 2 0 2013

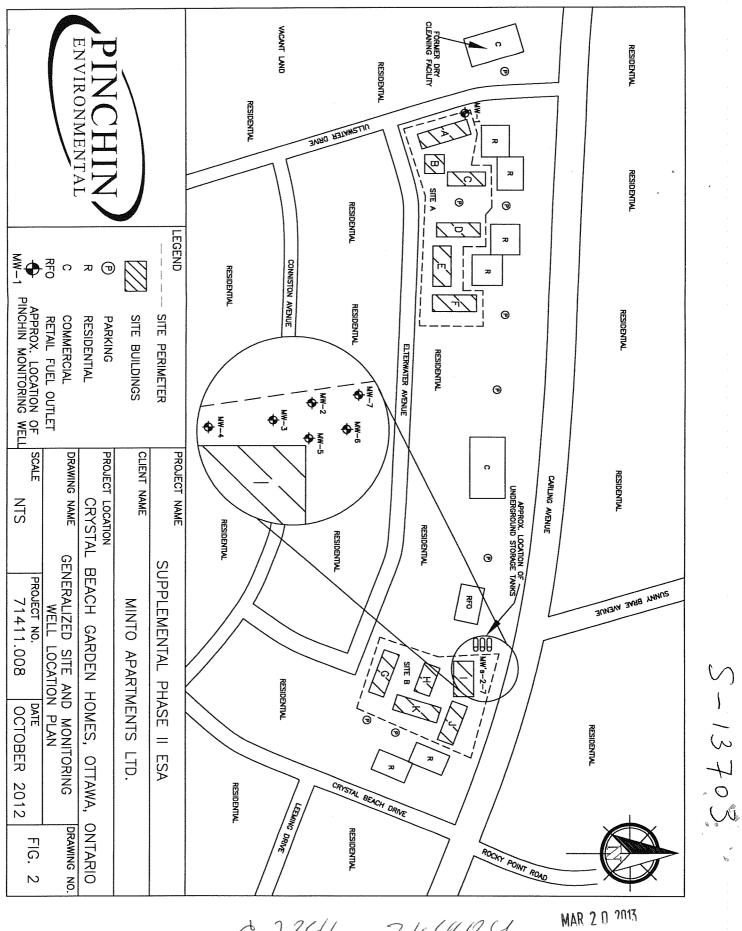
Ministry of the Environment Ontario

£.

Well Tag No. (Place Sticker and/or Print Below) Tag#: A141805 A141805 S-137-03 Well Record Regulation 903 Ontario Water Resources Act Page of

Measurements recorded in: Metric Imperial

Address of Well Location (Street Number/Name) 4 Crystal Rech La,	То	wnship	Lo	ot	Cc	oncession		
County/District/Municipality		ty/Town/Village	I		Province Ontar	i i	Posta	I Code
UTM Coordinates Zone Easting Northin NAD 8 3 1 5 4 3 4 5 5 4	g 22409	unicipal Plan and Subl	ot Number		Other			
Overburden and Bedrock Materials/Abandonme							Der	oth (<i>m/ft</i>)
General Colour Most Common Material	Othe	r Materials	Λα	Description			From	To
8mm Topsoil	ch	1	Salt			C	/	2.13
	· · · · · · · · · · · · · · · · · · ·							
Annular Space		Volume Placed	Resi After test of well yield, wate	ults of We		Testing Down	R	ecovery
From To (Material and Type		(m³/ft³)	Clear and sand free	a was.	Time W	/ater Level	Time	Water Level
0 31 Flyshant/	ant		Other, <i>specify</i>		(min) Static	(m/ft)	(min)	(m/ft)
31 2.13 Basel		-	n pumping discontinued, gr	ve reason.	Level 1		1	
213 5.41 5.4.			Pump intake set at (m/ft)		2		2	
					3		3	adiepse died
Method of Construction	Well Use		Pumping rate (Ilmin / GPM	1)				
Cable Tool Diamond Public Rotary (Conventional) Jetting Domestic	Commerci Municipal	Carrier of	Duration of pumping		4		4	
Rotary (Reverse) Driving Livestocl Boring Digging Irrigation	for the second	Monitoring	Final water level end of pun	nnina <i>(m/ft</i>)	5		5	
Air percussion Direct Push II Industria		ra conducing	·		10		10	
Other, specify Other, sp Construction Record - Casing	еслу	Status of Well	If flowing give rate (Ilmin /	GPM)	15		15	
Inside Open Hole OR Material Wall Diameter (Galvanized, Fibreglass, Thickness		Water Supply	Recommended pump dep	oth <i>(m/ft)</i>	20		20	
(<i>cm/in</i>) Concrete, Plastic, Steel) (<i>cm/in</i>) FI		Replacement Well Xest Hole	Recommended pump rate		25		25	
103 plate 368 0		Recharge Well Dewatering Well	(Ilmin / GPM)	5	30		30	
		Øbservation and/or Monitoring Hole	Well production (Ilmin / GF	РМ)	40		40	
		Alteration (Construction)	Disinfected?		50		50	
		Abandoned, Insufficient Supply	Yes No		60		60	
Outside Construction Record - Screen	Depth (m/ft)	Abandoned, Poor Water Quality	Please provide a map below	/lap of We			ck	
Diameter Unit of the Slot No.		Abandoned, other, specify		.4				
1.82 1655- 10 2	44 5.49		Lake	der or	m	N-J	** ₂	
		Other, <i>specify</i>		<i>d</i> 7	$\sim \Lambda$	И		
Water Details	Hol	e Diameter				7		
Water found at Depth Kind of Water: Fresh Unt	ested Depth (From	(<i>m/ft</i>) Diameter To (<i>cm/in</i>)						
(m/ft) Gas Other, specify	ested O	5.49 8-25						
(<i>mlft</i>) Gas Other, specify								
Nater found at Depth Kind of Water: Fresh Unt (m/ft) Gas Other, specify								
Well Contractor and Well Tech								
Business Name of Well Contractor Strata Soil Sampling Inc	Well C	Contractor's Licence No.						
Business Address (Street Number/Name) 147-2 West Beaver Creek	1	pality hmond Hill	Comments:					
Province Postal Code Business E-ma Ontario 148106 wrec	il Address	tasoil.com	Well owner's Date Packac	ne Delivered		Ministry	1100	Only
Bus.Telephone No. (inc. area code) Name of Well Technic	ian (Last Name, Fin	st Name)	information		Aud	dit No.	<u>y പടല</u>	only
995-764-9304 Pasas Vell Technician's Licence No. Signature of Technician and	ROBERT		delivered Date Work C			z 16		
3 7 2 2 President Signature of Technician and		NB MB +K	INO 2011	3023	D Rec	MAR	20	2017
0506E (2007/12) © Queen's Printer for Ontario, 2007	~~~~~~~~~~~~~~~~~~	Ministry's Copy		1 1 7			and a state of the	

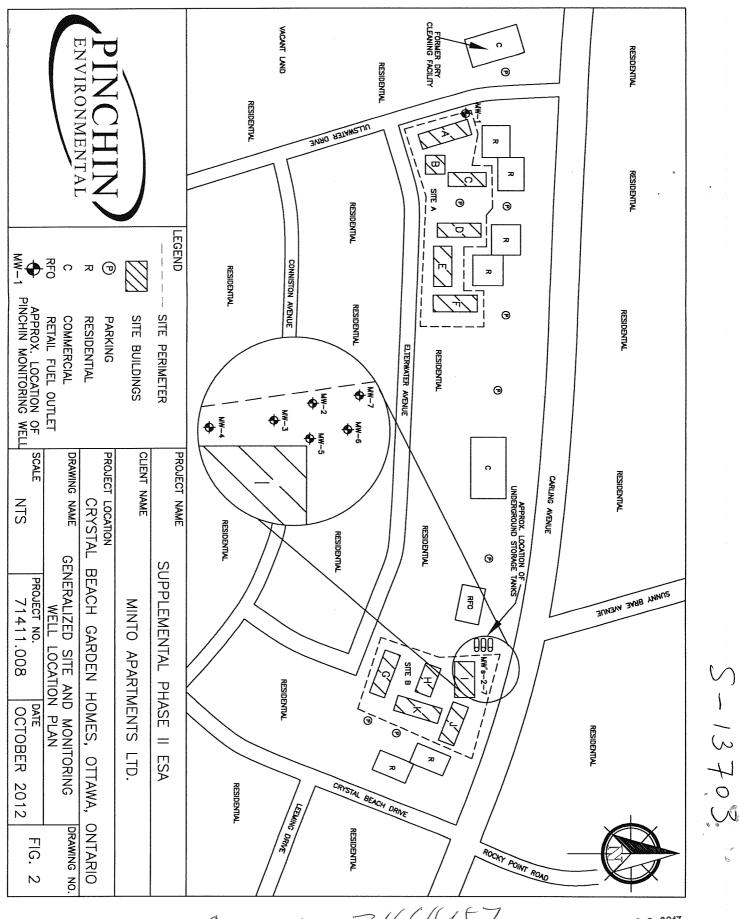


C-2241

2164424

- <u>N</u>	×	5-12703		
Ontario Ministry of the Environment	Well Tag No. (Place Sticker and/or Print Below)	egulation 903 Ontario Water Resources Act		
Measurements recorded in: Metric Imperial	<u>A1 4/80 ></u> Tag#: A1418	03 Page of		

Address of Well Location (Street Number/Name) 4 Crystal Beach		Township	Lot	Conces	sion	
County/District/Municipality		City/Town/Village		Province	Postal	I Code
UTM Coordinates Zone, Easting , Northing		Ótfama a Municipal Plan and Subl	ot Number	Ontario Other		
UTM Coordinates Zone Easting NAD 8 3 184134 583 502	2406					
Overburden and Bedrock Materials/Abandonment General Colour Most Common Material		ord (see instructions on the her Materials		-	Dep	oth (<i>m/ft</i>)
			General Description	ļ	From	
BAN Yopsoil ARN -	Said		soft		71	13/
GRY class	sand		soft		210	- C49
	3771				a.1-	//
						•
Annular Space			Results of We			
Depth Set at (m/ft) Type of Sealant Us From To (Material and Type)		Volume Placed (m ³ /ft ³)	After test of well yield, water was:			ecovery Water Level
0 31 congrete/flu	ushmoust		Other, specify	(min) (m/ft)	(<i>min</i>)	(m/ft)
, 31 2.13 bentonite,			If pumping discontinued, give reason:	Level		
213 5.49 f. Her sand			Pump intake set at <i>(m/ft)</i>		1	
				2	2	
Method of Construction	Well Us	60	Pumping rate (I/min / GPM)	3	3	
Cable Tool Diamond Public Diamond Domestic	Comme		Duration of pumping	4	4	a di kana di pangan Manangan di kana di pangan di kana di k
Rotary (Reverse) Driving Livestock Boring Digging Irrigation	Xest Ho		hrs + min Final water level end of pumping <i>(m/ft)</i>	5	5	
Air percussion		& Air Conditioning		10	10	
Construction Record - Casing	city	Status of Well	If flowing give rate (Ilmin GPM)	15	15	
Inside Open Hole OR Material Wall D	epth (<i>m/ft</i>)	Water Supply	Recommended pump depth (m/ft)	20	20	
(cmlin) Concrete, Plastic, Steel) (cmlin) From	n To	Replacement Well	Recommended pump rate	25	25	
10.16 PVC 0	2.49	Recharge Well Dewatering Well	(Ilmin / GPM)	30	30	
		Observation and/or Monitoring Hole	Well production (Ilmin / GPM)	40	40	
		Alteration (Construction)	Disinfected?	50	50	
		Abandoned, Insufficient Supply	Yes No	60	60	<u></u>
Outside Mutanel	anth (m/ft)	Abandoned, Poor Water Quality	Map of We Please provide a map below following	ell Location	e back	
Diameter (cm/in) (Plastic, Galvanized, Steel) Slot No. From	epth (<i>m/ft)</i> n To	Abandoned, other,			C DACK.	
PVC 10 2.4	195,49	specify		1.1-7	ř	
		Other, <i>specify</i>	NI NI	ω /		
Water Details		lole Diameter		w l e Ma	D	
Water found at Depth Kind of Water: Fresh Untes	ited Dept From	th (<i>m/ft)</i> Diameter To (<i>cm/in</i>))		/	
(<i>m</i> / <i>ft</i>) Gas Other, <i>specify</i> Water found at Depth Kind of Water: Fresh Untes	ited O	5.4930.48				
(<i>mlft</i>) Gas Other, <i>specify</i>						
Water found at Depth Kind of Water: Fresh Untes						
Well Contractor and Well Techni						
Business Name of Well Contractor Strata Soil Sampling Inc.	We	Il Contractor's Licence No. 7 2 4 1				
Business Address (Street Number/Name)	1	nicípality	Comments:			
147-2 West Beaver Creek R Province Postal Code Business E-mail		chmond Hill				
Ontario 14B 16 wrecc	ords@str	atasoil.com	Well owner's Date Package Delivered	A TECHNICK MICHAELEN	istry Use	Only
Bus.Telephone No. (<i>inc. area code</i>) Name of Well Technicia	in (Last Name,	First Name)	packago	Audit No.		
Well Technician's Licence No. Signature of Technician and/or			Yes Date Work Completed	~ 11	644	
3 6 5 6 0506E (2007/12) © Queen's Printer for Ontario, 2007	⊇ Ľi	0140315	XN0 2015000	K M Roc MAK	2 0 201	3
COUL (2001112) Cueen's minter for Untario, 2007		Ministry's Copy				



C7241 2164457

MAP 2 0 2013

۰. ۳

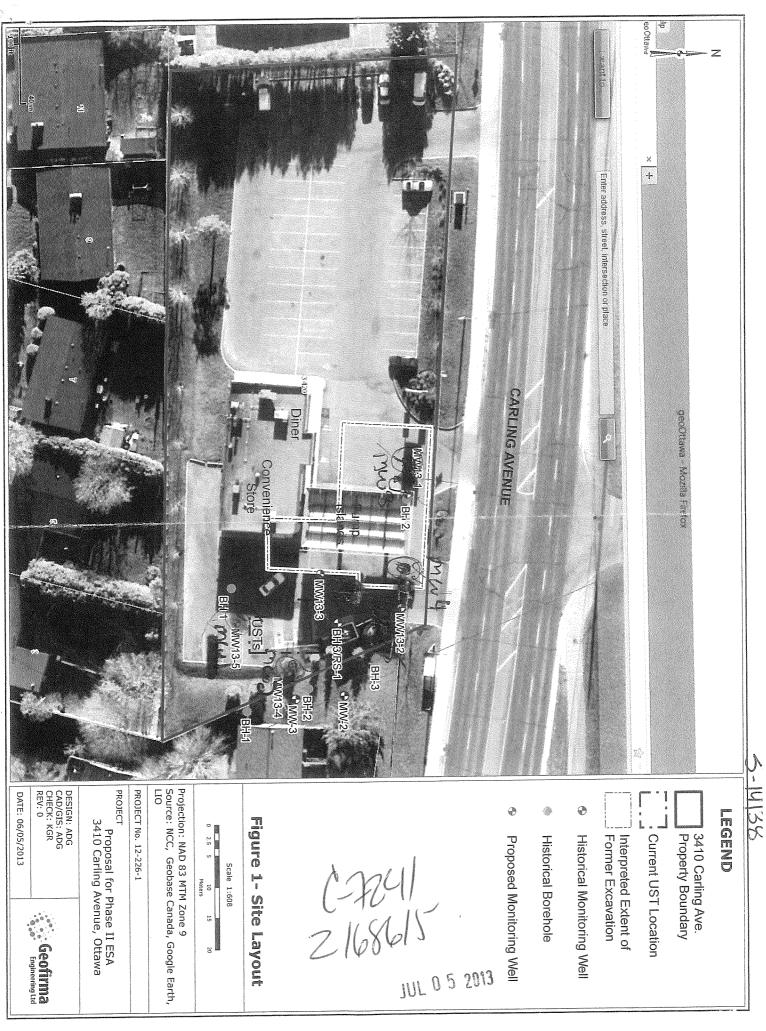
Ne		
P	Ontar	in
6	Untai	

Vell Tay. Well Tay. A 146633



	Metric	["""]
Measurements recorded in:	1/Motric	Imperial
medaurementa recordeu m.		imperior

Construction Construction Display Construction Display Construction Constructions 2000 Construction Construction Construction Over Construction 2000 Construction Construction Construction B1K Construction Construction Construction Construction B2K Construction Construction Construction Construction Data Construction Construction Construction Construction	Address of Well Lo	Carling AU		Township	Lot	Concess	ion
UNIX Control Vectors Vectors Mail Name Description Order data with Mail (Mail Mail (Main Main Caring Bread Law Age of the Mail Main Main Caring Mail (Mail Main Main Caring Mail Mail Main Mail Mail Main Mail Mail Mail Mail Mail Mail Mail Mail				· //			Postal Code
No. 1: 3: 1: 3: 1: 4: 3: 1: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5:	UTM Coordinates	Zone Easting Nor	thing				
Overholden and Bedreck Machine intervent Stating Record Answerselation and an examination of the served Description in the served Description i	NAD 8 3	1843453050	072403			Other	
Bits Granul Arrhalt Annol (Compared C) City Site S	Overburden and	Bedrock Materials/Abandon	ment Sealing Reco	ord (see instructions on th	ne back of this form)		
BRA Synth Clay 31 L3 L3 CR2 Silt Clay Soft 1.5 4.57 Dept for all refer Type of Relified Load Vourne Paud Barried Cold Math. Weld Testing The Relified Testing Distance for all refer Type of Relified Load Vourne Paud Distance for all refer The Relified Testing Distance for all refer Concenter Amoundare Space. The Relified Testing The Relified Testing Distance for all refer Sander The Relified Testing The Relified Testing The Relified Testing 1 2 A Barthow / the Load Would Bee The Relified Testing The Relified Testing 1 2 A Barthow / the Load Would Bee The Relified Testing The Relified Testing The Relified Testing 1 2 A Barthow / the Relified Testing Desting Testing Testing The Relified Testing The Relified Testing The Relified Testing The Relified Testing 1 2 A Method State Condition Desting Testing Testing The Relified Testing The Relified Testing The Relified Testing 1					General Descript	ion	From To
6R1 Sift Chy Soft Lot Lot<		6 caral	Asph.	a (T	, , , , , , , , , , , , , , , , , , , ,	act	
Annular Sprice Results of Weil Vield Touting Demos Set (100 View of Seering Used) View of View of View of Seering 0 31 Concerts (Michaemert 2) View of Seering Used) 1 1/2.2 Bantwitz 1.2 1/2.2 Bantwitz 1.2 1/2.2 Bantwitz 1.3 1/2.2 1.4 1/2.2 1.5 1/2.2 1.6 1/2.2 1.7 1/2.2 1.8 1/2.2 1.9 1/2.2	BICN	SAND		,	1905e, moist		
Desch at a (n/t) Type of Sequent Used Value Placet Other and of the Used were var. Draw Down Percency Q 31 Concrete (High word (m/t/r) Image: Concrete (High word Image: Concrete (High word <td>GRY</td> <td>SILT</td> <td>Clay</td> <td></td> <td>Sott, Wet</td> <td></td> <td>1.5 4.57</td>	GRY	SILT	Clay		Sott, Wet		1.5 4.57
Desch at all (nth) Type of Sequent Usual Value Placed Processor Q 3 Concrete Hillsham (mither of construction construction for the sequent Usual for the							
Desch at a (n/t) Type of Sequent Used Value Placet Other and of the Used were var. Draw Down Percency Q 31 Concrete (High word (m/t/r) Image: Concrete (High word Image: Concrete (High word <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Desch at all (nth) Type of Sequent Usual Value Placed Processor Q 3 Concrete Hillsham (mither of construction construction for the sequent Usual for the							
Desch at all (nth) Type of Sequent Usual Value Placed Processor Q 3 Concrete Hillsham (mither of construction construction for the sequent Usual for the							
Desch at all (nth) Type of Sequent Usual Value Placed Processor Q 3 Concrete Hillsham (mither of construction construction for the sequent Usual for the							
Desch at all (nth) Type of Sequent Usual Value Placed Processor Q 3 Concrete Hillsham (mither of construction construction for the sequent Usual for the		Annulavo					
0 3.1 Concerts (Mushumit Image: specify		ft) Type of Seala	int Used	Volume Placed			
I.2.2 U.S.3 Sand Important Strate Sand Important Strate Pump induka sol at (min) I			lt105hmour			n' Static	
1.2.1 4.5.1 Sawd Method of Construction Image: Sawd Image:		Mer with	e				1
Method of Construction Well Use Caste Tod Demond Public Commercial Description Caste Tod Demond Demond Demond Demond Demond Caste Tod Demond Demond Demond Demond Demond Demond Caste Tod Departs Demond Demond<	1.22 4.5	i) Dand			Pump intake set at (m/ft)	2	
Method Original Woll Use Original Municipal Original Municipal Cable Tool Developing Developi		·					
Besty (Conventional) Letting Densitient Densitient Densitient Besty (Conventional) Densitient Densitient Densitient Densitient Besty (Conventional) Water Densitient Mail Densitient Densitient Besty (Conventional) Water Densitient Mail Densitient Densitient Business Name Water Densitient Mail Densitient Densitient Construction Record - Screen Unstandial Densitient Densitient Densitient Outried Press Mail Densitient Densitient Densitient Densitient Outried Press Mail Densitient Densitient Densitient Densitient Densitient Outrest Densitient Densitie	Hand State Control State				Pumping rate (Ilmin / GPM)		····
Borg (control Dorg (control<	Rotary (Conventio	Removal Removal	heread a second	al Dewatering			
Building of the specify Industrial Industrial Industrial Other, specify Construction Record - Casing Industrial Industrial Industrial Industrial Other, specify Depth (niff) Recommended pump depth (miff) 20 20 Industrial Construction Record - Casing Industrial Wall Depth (niff) Recommended pump depth (miff) 20 20 Industrial Control of Pack RC Status of Well Recommended pump depth (miff) 20 20 Industrial Control of Pack RC Status of Well Recommended pump depth (miff) 20 20 Industrial Control of Pack RC Status of Well Recommended pump depth (miff) 20 20 Industrial Control of Pack RC Status of Well Recommended pump depth (miff) 30 30 Industrial Control of Pack RC Status of Well Recommended pump depth (miff) 30 30 Outside Control of Pack RC Status of Well Control of Pack RC 30 30 Water found at Depth Kind of Water: Frosh Unlessed Report No 60 60 <td></td> <td>0</td> <td>Present webler.</td> <td></td> <td></td> <td>81</td> <td>5</td>		0	Present webler.			8 1	5
Construction Record - Casing Status of Weit Inscription Open Halo Of Material (minit) Wall Despine Material (consin) Despin (minit) Prominity	Air percussion	1 - il indus	trial	a millionning		" 10	10
Instance Open Hole RMsteries Weil Depth (m/R) Prom To Prom					If flowing give rate (I/min / GPM)	15	15
Description Convertex Prometage To Prometage	Inside Open	Hole OR Material Wall		and a second	Recommended pump depth (m/ft)	20	20
Image: Stress Name of Well Contractors Stress Name of Well Contractors Stress Name of Well Contractors and Well Technician Information Image: Stress Name of Well Contractors Stress Name of Well Contractors Leance No. Image: Stress Name of Well Contractors Stress Name of Well Contractors Stress Name of Well Contractors and Well Technician Information Water found at Depth Kind of Water: From To Image: Stress Name of Well Contractors Stress Name of Well Contractors Stress Name of Well Contractors and Well Technician Information Business Name of Well Contractors Stress Name of Well Technician Last Name. First Name Name Name of Well Technician Last Name. First Name Name Name of Well Technician Last Name. First Name Name Name of Well Technician Last Name. First Name Name Name of Well Technician Contractor Date Stress Name of Well Technician Last Name. First Name Name Name of Well Technician Last Name. First Name Name Name of Well Technician Last Name. First Name Name Name of Well Technician Contractor Date Stress Name Name Name Name Name Name Name Name	<i>(cmlin)</i> Concre		From To	Replacement Well	· · ·	25	25
Well production (limin / GPM) 40 40 Observed Attention (Construction Record - Screen 40 50 Outside Outside Image: Screen Image: Screen 1 1 Outside Material Depth (m/th) Abandoned, insufficient Supply No 60 60 Outside Material Depth (m/th) Abandoned, insufficient Supply Na 8 60 60 Velocities Material Depth (m/th) Abandoned, insufficient Supply Na Na 8 8 Value found a Depth Kind of Water Fresh Untested Peepth (m/th) Other, specify Massectify Massec	4.01 P	lastic ,368	0 1.5	Recharge Well		30	30
Monitoring Hole Atteration Atteration Construction Record - Screen Outside Material Dismeter Material (Construction) Abandoned, other, specify Outside Material Dismeter Material (entity) Plastic, Galvanized, Steel) Stot No. Depth (mift) - 4 - 5 Plastic, Galvanized, Steel) Water found at Depth Kind of Water: Fresh (mift) Case (m				Observation and/or	Well production (Ilmin / GPM)	40	40
Outside Construction Record - Screen Abandoushi Outside Material Site No. Depth (milit) Outside Material Site No. Depth (milit) Outside Material Site No. Depth (milit) Questide Material Depth (milit) Depth (milit) Questide Material Depth (milit) Depth (milit) Water found at Depth Kind of Water: Fresh Untested Depth (milit) Well contractor Contractor's Licence No Numpicipality Muscle Site No Well contractor Contractor's Licence No Numpicipality Numpicipality Well contractor Muscle Site No Site No Muscle Site No Start Guestide Cornerator Muscle Site No Muscle Site No						50	50
Map of Well Location Outside Diameter (cm/in) Material (Plaste, Galvanzed, Stee) Stot No. Depth (m/it) From Abandoned, poor adamadoned, other, specify Material (cm/in) Abandoned, other, specify Ustack Plaster, Galvanzed, Stee) Stot No. I.O. I.S. Ustack Plaster, Galvanzed, Stee) Stot No. Plaster, Galvanzed, Other, specify Water Dotalis Hole Diameter (m/it) Gas Other, specify Other, specify Stot No. Map of Mell Locations on the back. Water found at Depth Kind of Water: From To Other, specify MMWS MWS Water found at Depth Kind of Water: Fresh Untested Outh (m/it) One to the specify MWS MWS Water found at Depth Kind of Water: Fresh Untested V V MWS MWS Business Name of Well Contractor (m/it) Gas Other, specify Muycipality Comments: Comments: 10 S. Telephone No. (nc. area code) Name of Well Technician (Last Name, First Name) Muycipality No. Package Delivered Ministry Use Only 10 S. Telephone No. (nc. area code) Name of Technician and/or Contractor Date Submitted						60	60
Outside Dameter (cmim) Material (Plastic, Galvanized, Steel) Stot No. Depth (m/tr) From Water Quality (mode) Water Quality (mode) Please provide a map below following instructions on the back. 4.33 Pleast, Galvanized, Steel) Stot No. Image: Comparison of the specify Image: Comparison of the specify Water found at Depth Kind of Water: Fresh Untested Depth (m/tr) Commenter (cm/trin) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested Depth (m/tr) Commenter (cm/trin) Gas Other, specify MMWS Water found at Depth Kind of Water: Fresh Untested O 4.5 D.7.2 MMWS Water found at Depth Kind of Water: Fresh Untested O 4.5 D.7.2 Water found at Depth Kind of Water: Fresh Untested O T.7.2 D.7.2 Business Narge of Well Contractor Group T.7.2 T.7.2 Muscipality Muscipality Muscipality Group T.7.2 T.7.2 T.7.2 T.7.2 T.7.2 Bus.Telephone No. (m.: area code) Name		Construction Record - Screen			Map of V	Vell Location	<u></u>
(drillin) 10 10 specify (drillin) (drillin) 10 1.5 (drillin) (drillin) (drillin) (drillin) (drillin) (drillin) Water found at Depth Kind of Water: Fresh Untested Depth (m/till) Diameter (m/till) Gas Other, specify 0 4.5 D.2 MWS Water found at Depth Kind of Water: Fresh Untested Depth (m/till) Diameter (m/till) Gas Other, specify 0 4.5 D.2 MWS Water found at Depth Kind of Water: Fresh Untested 0 4.5 D.2 (m/til) Gas Other, specify Well Contractor and Well Contractor and Well Contractor's Licence No. Negligative Comments: Well contractor Municipality Well Contractor Municipality Comments: ''H'Y'Y Mean of Well Technician (Last Name, First Name) Mean of Well Technician (Last Name, First Name) Vir V'Y Main of Natstry Use Oniy Negl Technicians Licence No. Signature of Technician and/or Contractor Date Submitted Dof S 3 /	Diameter (Plantic		- 1	Water Quality	Please provide a map below followin	g instructions on the	back.
Water Details Hole Diameter Water found at Depth Kind of Water: Fresh Depth (m/ft) Diameter (m/ft) Gas Other, specify Depth (m/ft) Diameter Water found at Depth Kind of Water: Fresh Untested Multicipality Well Contractor Multicipality Name of Well Technician Information Diameter Comments: Municipality Municipality Kich.monl/ki/i/ Multicipality Comments: Multi Diameter Multi No: Signature of Well Technician (Last Name, First Name) Date Work Completed Audit No: Sub. Telephone No. (no: area code) Name of Well Technician and/or Contr		5, 7					
(mift) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested (mift) Gas Other, specify Well Contractor and Well Technician Information Business Name of Well Contractor Well Contractor's Licence No. Strata Orifly Goup Z H1-2 West Oaver Get K Municipality (H1-2 West Get Code Business E-mail Address Ow C Y & Y & M Munistry Use Only Bus. Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) Date Work Completed Audit No. Y yes Date Work Completed Date Work Completed Z 1686615 Nel Technician's Licence No. Signature of Technician and/or Contractor Date Submitted Dof 3 0 0 2 2 168615	7-81 /	Teistic 10	1.5 4.51	Other, specify		· /	
(mift) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested (mift) Gas Other, specify Well Contractor and Well Technician Information Business Name of Well Contractor Well Contractor's Licence No. Strata Orifly Goup Z H1-2 West Oaver Get K Municipality (H1-2 West Get Code Business E-mail Address Ow C Y & Y & M Munistry Use Only Bus. Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) Date Work Completed Audit No. Y yes Date Work Completed Date Work Completed Z 1686615 Nel Technician's Licence No. Signature of Technician and/or Contractor Date Submitted Dof 3 0 0 2 2 168615		<u>en deser</u>			Lap N	Pel	
(mift) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested (mift) Gas Other, specify Well Contractor and Well Technician Information Business Name of Well Contractor Well Contractor's Licence No. Strata Orifly Goup Z H1-2 West Oaver Get K Municipality (H1-2 West Get Code Business E-mail Address Ow C Y & Y & M Munistry Use Only Bus. Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) Date Work Completed Audit No. Y yes Date Work Completed Date Work Completed Z 1686615 Nel Technician's Licence No. Signature of Technician and/or Contractor Date Submitted Dof 3 0 0 2 2 168615	Water found at Dep			the second s		*	
(mift) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested (mift) Gas Other, specify Well Contractor and Well Technician Information Business Name of Well Contractor Well Contractor's Licence No. Strata Orifly Goup Z H1-2 West Oaver Get K Municipality (H1-2 West Get Code Business E-mail Address Ow C Y & Y & M Munistry Use Only Bus. Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) Date Work Completed Audit No. Y yes Date Work Completed Date Work Completed Z 1686615 Nel Technician's Licence No. Signature of Technician and/or Contractor Date Submitted Dof 3 0 0 2 2 168615					MI.		
Water found at Depth Kind of Water: Fresh Untested (mlft) Gas Other, specify Well Contractor and Well Technician Information Business Name of Well Contractor's Licence No. Strata Orthuy Goup Republic Municipality Municipality Municipality Municipality Municipality Municipality Municipality Municipality Municipality Municipality Municipality Municipality Municipality Municipality Municipality Municipality Municipality Bus. Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) Date Package Delivered Ministry Use Only Audit No. Z 16 Ministry Back Ministry Z 16 20 10 20 10 20 20 20 20 20 20 20 20		harrow harrow	Untested 📿	4.57 2.25			
Well Contractor and Well Technician Information Business Name of Well Contractor Well Contractor's Licence No. Strata Orilling Group Business Address (Street Number/Name) Municipality Municipality V/IIII Municipality Municipality V/IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			Jntested				
Business Name of Well Contractor Strata Orilly Goy 72711 Business Address (Street Number/Name) Municipality Mu							
Strata Orlling Gray Z I Business Address (Street Number/Name) Municipality Municipality I Image: Province Postal Code Business E-mail Address Image: Province Date Package Delivered Ministry Use Only Bus. Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) Image: Province Date Work Completed VIVIVIVIMIND Province Audit No. Province Province Province Province Date Work Completed VIVIVIVIMIND Province Bus. Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) Date Work Completed VIVIVIVIMIND Province Audit No. All I I I I I I I I I I I I I I I I I I	Business Name of W	Vell Contractor and Well Te /ell Contractor					
147-2 West Baser CERK Main Ministry Use Only Province Postal Code Business E-mail Address Standa 50/. Lay Jus. Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) Well owner's Date Package Delivered Ministry Use Only Audit No. Ion S 7 16 14 9 3 0 4 Beatty Brian Date Work Completed VIVIV M M DID Audit No. Velt Technician's Licence No. Signature of Technician and/or Contractor Date Submitted Ves Date Work Completed Reduited 0 5 2013			p 7	241			
Province Postal Code Business E-mail Address			LAN MUR	icipality	Comments:		
Bus.Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) information package 1057649304 Beatty Brian Nell Technician's Licence No. Signature of Technician and/or Contractor Date Submitted Date Work Completed 36166 6 16<	Province	Postal Code , Business E-	mail Address	1 1			
Addr. No.		and a second				1.000000000000000000000000000000000000	try Use Only
Xell Technician's Licence No. Signature of Technician and/or Contractor Date Submitted Yes Date Work Completed 2013 2013 Red4)4d 0 5 2013				irst Name)	package	D D D	COCAE
	Nell Technician's Licenc	ce No. Signature of Technician a	nd/or Contractor Date		res		
			<u>a</u> ,	Ministry's Copy		KU Reddyla (1 5 2013



Ontario	Mini the l
	uie

Measurements recorded in:

istry of Environment E Imperial

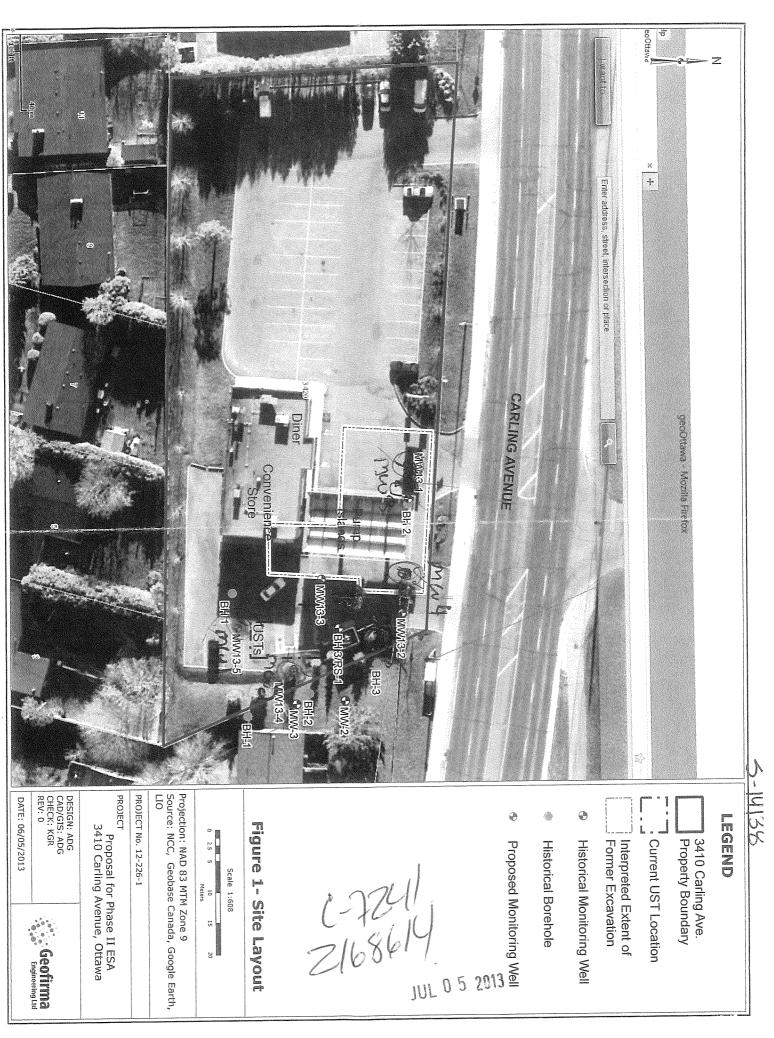


Well Record

 Regulation 903 Ontario Water Resources Act

 S-10130
 Page______ of ______

Address of Well Lo	3 4120 Carling AL	1	Township	Lot	C	oncession		
County/District/Mu			City/Town/Village		Province	e	Posta	Code
UTM Coordinates Z	Zono Footing Marthing		Ottana		Ontar	rio		
NAD 8 3	Zone Easting Northing		Municipal Plan and Sub	lot Number	Other			
the second se	Bedrock Materials/Abandonmen		ord (see instructions on th	ne back of this form)				
General Colour	Most Common Material		her Materials	General Descriptio	n		Dep From	th (<i>m/ft)</i> │ To
BIK	Top 50,1	San		50Ft 1908	e		0	.31
GAI	Sitt	Clay		Soft Moist		ť	Ø.7	11.5
6RY	5.14	Clay		Soft Mo, St	<u>/</u>	/	l.5	4.57
		- /						
		-						
	Annular Space			Results of W	ell Yield	Testing		
Depth Set at (<i>m/ft)</i> From To	(Material and Type)		Volume Placed (m³/ft³)	After test of well yield, water was:		Down		ecovery Water Level
Q 31	Concrete Ph.	chagun t	(Other, specify	(min)		(min)	(m/ft)
.71 1.20	2 Denton, he			If pumping discontinued, give reason:	Static			
					1		1	-
1.22 9.5	11 sand			Pump intake set at (m/ft)	2		2	
			<u>.</u>	Pumping rate (Ilmin / GPM)	3		3	
Method of C	Diamond Public	Well Us		Fumping rate (<i>iimin'r GPM</i>)	4		4	
Rotary (Convention	interest in the second s	Comme		Duration of pumping	1			
Rotary (Reverse) Boring	Driving Livestock	Test Ho	& Air Conditioning	Final water level end of pumping (m/ft,	5		5	
Air percussion	I industrial	_	a Air Conditioning	The man water level end of pumping (mint,	10		10	
		ify		If flowing give rate (Ilmin / GPM)	15		15	
	Construction Record - Casing Hole OR Material Wall D	epth (<i>m/ft</i>)	Status of Well	Recommended pump depth (m/ft)	20		20	
Diameter (Galvan	nized, Fibreglass, Thickness te, Plastic, Steel) (cm/in) From		Replacement Well		25		25	
	Vastic .368 9	11	Recharge Well	Recommended pump rate (Ilmin / GPM)	30		30	
-/		1.5	Dewatering Well		40		40	-
			Monitoring Hole	Well production (IImin / GPM)				
	·····		Alteration (Construction)	Disinfected?	50		50	
			Abandoned, Insufficient Supply		60		60	
Outside	Construction Record - Screen	epth (<i>m/ft</i>)	Abandoned, Poor Water Quality	Map of W Please provide a map below following				
	Material Slot No. From		Abandoned, other,	1 1 1				
4.82 P/	lastic 10 1.5	4.57	specity		A			
			Other, specify	500 N	ai)			
The second secon	Water Details		ole Diameter	See M MW7	P			
Water found at Dept	th Kind of Water: Fresh Untest	ted Dept	h (<i>m/ft)</i> Diameter	MINT				
(m/ft) Ga		From A	To (cm/in) 41.57 9.25					
•	th Kind of Water: Fresh Untest as Other, <i>specify</i>	led 9	-1.) 1 7.00					
NUMBER OF THE OWNER	th Kind of Water: Fresh Untest	ed						
	as Other, specify							
V Business Name of We	Well Contractor and Well Technic 'ell Contractor 1/		ion Il Contractor's Licence No.					
Str	rata Orilling Group		7241					
Rusiness Address (St	treat Number/Norma)	N.A	nicipality 1/1	Comments:				
Province	Postal Code Business E-mail A		aca Myo Hil					
an l			rutason lice	Well owner's Date Package Delivere	d]	Ministry	Use (Only
A	c. area code) Name of Well Techniciar	n (Last Name, F		information package		dit No.		
Well Technician's Licence	9 3 0 4 Beatty B~ PR No. Signature of Technician and/or	Contractor Date	a Submitted	Date Work Completed		Z 16	86	14
3611	1 Del	a	2130531	2013050	28	UUL 0 !	\$ 20	
0506E (2007/12) © Que	een's Printer for Ontario, 2007		Ministry's Copy				-	<u></u>



Ontario Metric Imperial Measurements recorded in:

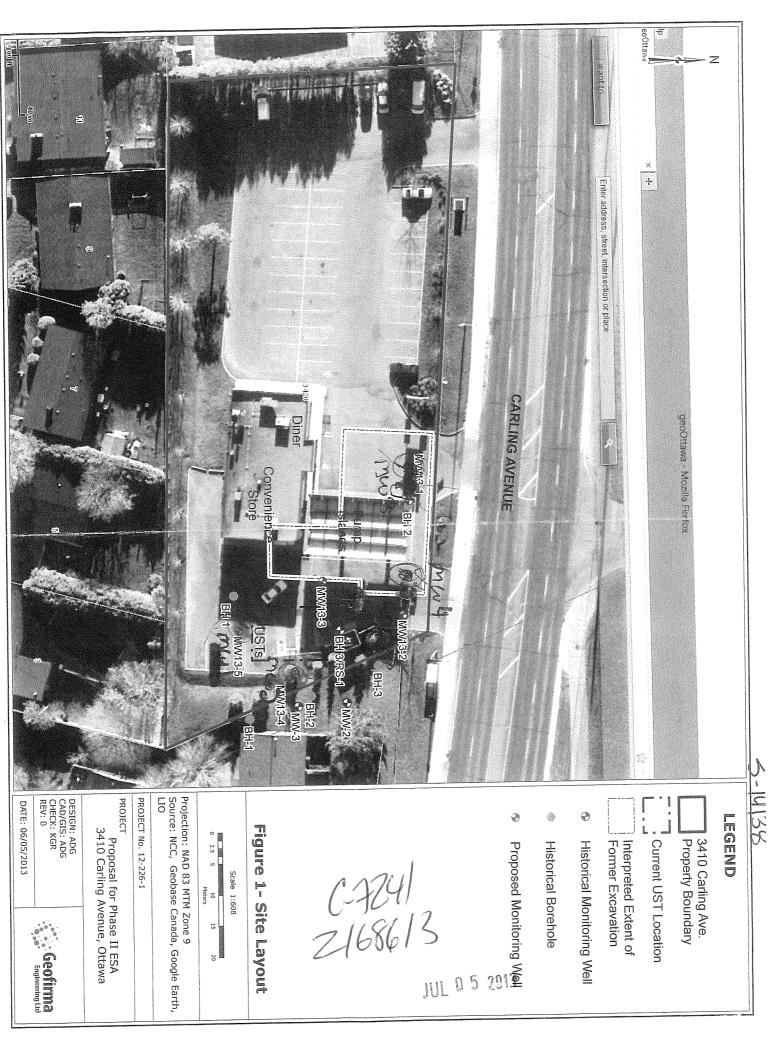
J.

Ministry of the Environment W

Tag#: A146647 >rint Below) A 146647

Well Record Regulation 903 Ontario Water Resources Act 514130Page of

Address of Well Loc 3420	ation (Street Number/Name)	T	ownship		Lot	Concess	ion	
County/District/Mun		C	tity/Town/Village			Province	Postal (Code
UTM Coordinates Z	one, Easting , Northing		Utta unicipal Plan and Suble	ot Number		Ontario Other		
NAD 8 3 1	3434592505	2786						
	Bedrock Materials/Abandonmer			1	eral Description		Depth	a (<i>m/ft</i>)
General Colour	Most Common Material		er Materials	Gene		L	From	<u> </u>
BLK	Gravel Silt	Asph	AIT	Soft,	Compac	l	0 .31	1.5
GKY	57/7	Cla	ļ	soft,	Compac Moist Wet		1.5	1.5
GKI		Clay	(3011	Wet			<i>c</i> [., <i>f</i>]
								······································
		an a						
	Annular Spac	P			Results of Wo	ell Yield Testin	ia i	
Depth Set at (m/ft)) Type of Sealant U	sed	Volume Placed	After test of well yield,	water was:	Draw Down	Re	covery
From To	(Material and Typ	e changet	(m³/ft³)	Clear and sand	free	Time Water Le (min) (m/ft)	vel Time V (<i>min</i>)	(<i>mlft</i>)
3/12	Concreteru	USANUUM		If pumping discontinue	ed, give reason:	Static Level		-
	Concrete/f, 2 bentante 7 Sand					1	1	
1.22 61.3	1 Sand			Pump intake set at (m/ft)	2	2	
				Pumping rate (Ilmin /	GPM)	3	3	
Method of C	Diamond Public	Well Us		· • ·	· .	4	4	-
Rotary (Convention	nal)	Municipa	al Dewatering	Duration of pumping hrs +	min	5	5	·
Rotary (Reverse) Boring	Driving Livestock	Test Hol	e XMonitoring & Air Conditioning	Final water level end o	of pumping (m/ft)	10	10	-
Air percussion	J: refpish Dindustrial	ecify		If flowing since sets (15	15	
	Construction Record - Casing		Status of Well	If flowing give rate (//	mm (GPM)	20	20	
	Hole OR Material Wall hized, Fibreglass, Thickness	Depth (<i>m/ft</i>)	Water Supply	Recommended pum	p depth (m/ft)	25	25	
(cmlin) Concre	te, Plastic, Šteel) (cm/in)		Test Hole	Recommended pum	p rate	30	30	
4.0 1-	plastic .368 C	7 1.5	Certain Contraction	(Ilmin GPM)				
			Observation and/or Monitoring Hole	Well production (Ilmin	n / GPM)	40	40	······································
			Alteration (Construction)	Disinfected?		50	50	
			Abandoned, Insufficient Supply	Yes No		60	60	-
Outside	Construction Record - Screen	Depth (<i>m/ft</i>)	Abandoned, Poor Water Quality	Please provide a map		ell Location instructions on th	e back.	
Diamator	Slot No.	om To	Abandoned, other,					
442 PI	lastic 10 1.	5 4.57			A 0 :	•		
1300 1-			Other, specify		MW	10	Μ	
	Water Details	H	ole Diameter			1 on		yo .
•	th Kind of Water: Fresh Unt	ested Dept From	h (<i>m/ft)</i> Diameter To (<i>cm/in</i>)					l .
	as Other, <i>specify</i>	ested DS	-27					
	as Other, specify	0	4.17 3.25					
· · ·	th Kind of Water: Fresh Unter the Kind of Water: The Kind of Water and the Kind of Water and the Kind of Water with the Kind of Water and the Kind of Wate	ested						
17-A.	Well Contractor and Well Tech	nician Informat	ion					
Business Name of W		We	Il Contractor's Licence No.					
Business Address (S	a Omling Group Street Number/Name)		nicipality	Comments:	· · · · · · · · · · · · · · · · · · ·			
147-2 6	Kest Beaver Creek !	(d R	chron Hill				\sim	
	Postal Code Business E-ma	il Address	tajoi/com		Package Delivere	ed Mir	istry Use	Only
	nc. area code) Name of Well Technic	ian (Last Name, I		information package		D D Audit No		
905764 Well Technician's Licen	9304 Beatty nor No. Signature of Technician and	G∼iav	e Submitted	delivered Date V	Nork Completed	Z 1	1686	13
36 /	6/1	a	01305310	No 20	17,05	28 Received	<u>JI 05</u>	2013
0506E (2007/12) © Qu	ueen's Printer for Operio, 2007		Ministry's Copy					



N	<u>)</u> @
1	Ontaria
ν	Untano
U	Ontario

Measurements recorded in:

Tag#: A146649 Jr Print Below)

A146 649



Address of Well Lo	Carling AV		Township		Lot	Conce	ssion	
County/District/Mu	-4 // //		City/Town/Village			Province	Postal	Code
UTM Coordinates 2	Zone, Easting . Nor	thing	Ottama Municipal Plan and Sub	lot Number		Ontario Other		
NAD 8 3/	343454855		······			outor		
	Bedrock Materials/Abandon						Dep	th (<i>m/ft</i>)
General Colour	Most Common Material	Ott	her Materials		I Description		From	
ZQN	Same cavel	ASPI	ialt.	hasd	Compo	,4	9	.31
BRUU	SANU			50Ft,	loose		.31	3.1
GRY	5,77	Cla	1	SOTT ,	het		3.1	4.57
	Annular S					II Yield Test		
Depth Set at (m/ft,	t) Type of Seala	nt Used	Volume Placed	After test of well yield, wa	ter was:	Draw Dov	/n Re	covery
From To	(Material and		2 (m ³ /ft ³)	Clear and sand free)	Time Water (min) (m/		Water Level (m/ft)
21 17	_	+1.5h mount		If pumping discontinued,	give reason:	Static Level	y (
- 31 1-0	2 bentonii	re	-			1	1	
1.02 4.5	57 Savel			Pump intake set at (m/ft)	2	2	
						3	3	
Method of (Construction	Well Us		Pumping rate (Ilmin I GP	N1)	4	4	
Rotary (Convention	nal)	estic 🗌 Municipa	al Dewatering	Duration of pumping		5		
Rotary (Reverse)	Driving Livest	Survey of	le Honitoring & Air Conditioning	Final water level end of pu	umpina <i>(m/ft</i>)		5	
Air percussion		Q	, and the second s			10	10	
	Construction Record - Casin		Status of Well	If flowing give rate (I/min	/ GPM)	15	15	1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -
Inside Open H	Hole OR Material Wall	Depth (<i>m/ft</i>)	Water Supply	Recommended pump de	epth (m/ft)	20	20	
(cm/in) Concret	te, Plastic, Šteel) (cm/in)	From To	Replacement Well	Deserved		25	25	
4.03 1	lastic .368	0 1.22	Recharge Well Dewatering Well	Recommended pump ra (Ilmin / GPM)	te	30	30	
	i heatin t		Observation and/or	Well production (I/min / G	PM)	40	40	
			Monitoring Hole	Disinfected?		50	50	
	· · · · · · · · · · · · · · · · · · ·		(Construction)	Yes No		60	60	
	Construction Record - Screen		Insufficient Supply Abandoned, Poor		Map of We			
Diameter (Plactic (Material Galvanized, Steel) Slot No.	Depth (<i>m/ft)</i> From To	Water Quality	Please provide a map bel	ow following ir	nstructions on t	he back.	
		1.22 4.55	specify					
G.D.K L		sec -1.5)	Other, specify		A			
					Mu	-3 0,	. M	
Vater found at Dept	Water Details	and a second	n (<i>mlft</i>) Diameter		r i		r Intaj-	7
	as Other, <i>specify</i>	From	To (cm/in)				/	
-	th Kind of Water: Fresh U as Other, <i>specify</i>	Intested	U.52 7.25					
	th Kind of Water: Fresh	Jntested						
	as Other, <i>specify</i>							
lusiness Name of W	Well Contractor and Well Te-	Well	on Contractor's Licence No.					
Strate	a Orilling Grou	P 7	241					
usiness Address (St	treet Number/Name)	et Rd D	icipality	Comments:				
rovince	Postal Code Business E-	mail Address						
ON (ALCONC.	100011 0	Well owner's Date Packa	age Delivered	and the second sec	nistry Use (Dnly
us.Telephone No. (inc 05764	c. area code) Name of Well Tech 1304 Beath	nician (Last Name, F Brien	irst Name)	package delivered	Y M M D			4 77
ell Technician's Licenc	ce No. Signature of Technician ai	nd/or Contractor Date	Submitted	Yes Date Work			1686	
<u>2 6 / /</u> 506E (2007/12) © Que	een's Printer for Onland, 2007	at		No NO) 95 0	28 Recell	652	013
100E (2007/12) © Que	een's Philler for Unitario, 2007		Ministry's Copy					



CARLING AVENUE geoOttawa - Mozilla Firefox 5-14135 Projection: NAD 83 MTM Zone 9 Source: NCC, Geobase Canada, Google Earth, LIO CAD/GIS: ADG CHECK: KGR REV: 0 PROJECT No. 12-226-1 DATE: 06/05/2013 to the second PROJECT LEGEND ð * Ð Current UST Location Proposal for Phase II ESA 3410 Carling Avenue, Ottawa Figure 1- Site Layout Proposed Monitoring Wel 3410 Carling Ave. Property Boundary 0 2.5 5 10 Meters Interpreted Extent of Former Excavation Historical Monitoring Well Historical Borehole Scale 1:608 (-7241 Z168617 15 15 20

eoOttawa

×

Enter address, street, intersection or place

Z

¥-	
Cr	Ontario

Tag#: A146650 or Print Below) A146650

Measurements recorded in: Metric

Address of Well L	O Carling AV		Township	Lot	Concess	ion	
County/District/Mi			City/Towp/Village		Province Ontario	Postal	Code
UTM Coordinates NAD 8 3		22412	Municipal Plan and Subl	ot Number	Other		
Overburden and General Colour	d Bedrock Materials/Abandonme Most Common Material	an paranan na ana Taon na ana an	ord (see instructions on the ner Materials	e back of this form) General Descript	ion	Dep	th (<i>m/ft</i>)
BIK				· · · ·	1	From	To
ORN	Gravel	/isy	mari	hard compare	7	0	.31
BRY	Jand	e la	V	1005e Moist		. <u>51</u> 1.5	() 5
			~ 1	soft bei		1.5	1.5 /
	Annular Spac	28		Results of	Well Yield Testin	a	
Depth Set at (m/	/ft) Type of Sealant U	Jsed	Volume Placed	After test of well yield, water was:	Draw Down	Re	ecovery
From To	((m³/ft³)	Clear and sand free	Time Water Le	vel Time V (<i>min)</i>	Water Level (m/ft)
2117	1 Concrete Fl 2 Dentourk	SUMOUN		If pumping discontinued, give reaso	- Otalia		
. 5/ 1.2	2 Dentauk	e			1	1	
1.22 4.3	57 Sand			Pump intake set at (m/ft)	2	2	
an the Antifecture and the second							
Method of	f Construction	Well Us	e	Pumping rate (Ilmin GPM)	3	3	
Cable Tool	Diamond Public ional) Jetting Domestic	Comme	hearend	Duration of pumping	4	4	
Rotary (Reverse)				hrs + min	5	5	
Boring Air percussion	Digging Irrigation	Cooling	& Air Conditioning	Final water level end of pumping (m	(ft) 10	10	
Other, specify	d. rcct push Other, sp	ecify		If flowing give rate (I/min / GPM)	15	15	
	Construction Record - Casing		Status of Well		20	20	
Diameter Galva	anized, Fibreglass, Thickness	Depth (<i>m/ft</i>)	Water Supply Replacement Well	Recommended pump depth (m/ft)	25	25	
11 .		om To	Test Hole	Recommended pump rate			
4.03 P	Plastice .368 (> l.s	Recharge Well	(Ilmin / GPM)	30	30	
			Observation and/or	Well production (Ilmin / GPM)		40	
94.			Monitoring Hole	Disinfected?	50	50	
· .			(Construction)		60	60	
	Construction Record - Screen		Insufficient Supply	Map of	Well Location		
Outside Diameter (Diantia	Slot No.	Depth (m/ft)	Water Quality	Please provide a map below followir		back.	
(cm/in)	Fro	om To	Abandoned, other, specify				ś.
4.82 ET	lastic 10 l.	5 4.57	Other, specify		,		
					11	Л	
	Water Details		ole Diameter		L/ on	Mart	,
	pth Kind of Water: Fresh Unter	ested Dept From	h (<i>m/ft</i>) Diameter To (<i>cm/in</i>)	/ / / ·	J .	Y	
	Gas Other, <i>specify</i> pth Kind of Water: Fresh Unter	ested Ø	4.57 3.25				
(m/ft) 🗌 G	Gas Other, <i>specify</i>						
•	pth Kind of Water: Fresh Unte	ested					
<u>(</u> <i>m</i>) [] G	Gas Other, specify	nician Informat					
Business Name of V	Well Contractor	We	I Contractor's Licence No.				
Stro			241				
Business Address (S	Street Number/Name) West Denver Cree	et RN h		Comments:			
Province	Postal Code Business E-mai	il Address	- Conserver and				
<u>O</u> w	C4B1C6 wrecord	ds @ Stra		Well owner's Date Package Delive	100000000000000000000000000000000000000	stry Use (Only
Bus.Telephone No. (i 9 0 5 7 6 H	(inc. area code) Name of Well Technic 9304 Death	Sian (Last Name, F	First Name)	package	Audit No.	000	4.0
Well Technician's Licer	nce No. Signatur of Technician and/	or Contractor Date	e Submitted	Yes Date Work Complete	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	686	1,6
361	6 / 7	2	713053m		28 Received	r e s	C013
0506E (2007/12) © Q	Queen's Printer for Omario, 2007		Ministry's Copy				



/ of ironment

Well Tag No. (Place Sticker and/or Print Below)

Well Record

						rces Act
Reau	ation •	903 On	tarin l	Nator	Recoil	rroc Art
regu	unon	000 011	unio i	rucci	110304	1003 401

Measurem			X Metric [_ Imperial						Page		_ of
Well Own	arg/coursemanners	formation	Last Name	/ Organizatio	n		E-mail Addre	29				<u> </u>
			Terra	Nova Bu	ilding	-					by W	Constructed ell Owner
-		et Number/1 85 Stn.			N	Municipality Ottawa	Province Ontario	Postal Cod K1S 5B	- 1	Telephone I 613 76		
Well Loca		0J_3LII.	<u> </u>	and the second	L	ULLAWA	Olicario		4	043 10	7 20	<u> </u>
		tion (Street I	Number/Nam	e)	<u>ا</u>	Township		Lot		Concession	<u>้</u> า	
40 Loc						Nepean						
County/Dist Ottawa		• •			C	City/Town/Village Nepean			Provi	nce ario	Posta	Code
		ne,Easting	•	Northing	N	Municipal Plan and Sul	olot Number		Office			
NAD	8 3 1	8 4056	06	5008402								
	ALL STREET AND ADDREED AND ADDREED ADDR					rd (see instructions on t					Der	the (are (51)
General Co	olour	Most Co	nmon Mater	al	Oth	er Materials	G	eneral Descriptio	n		From	oth (<i>m/ft)</i>
						÷						
Depth Se	et at (<i>m/ft</i>)			ar Space ealant Used		Volume Placed	After test of well yie	Results of W		d Testing aw Down	T R	ecovery
From	То		(Material			(m³/ft³)	Clear and sar	id free	Time	Water Leve	I Time	Water Leve
10.66	0	Grout	ed Bent	onite Ho	le Plug	g (6 bags)	Other, specify		(min) Static	(m/ft)	(min)	(m/ft)
							If pumping disconti	nued, give reason:	Level			
				· · · · ·					1		1	
	<u></u>		· · · · · · · · · · · · · · · · · · ·				Pump intake set a	t (<i>m/ft</i>)	2		2	
							Pumping rate (I/mi	n / GPM)	3		3	
Meth Cable Too	Cardina (Rossal I Nacional	Diamo		ublic	Well Us				4		4	
Rotary (C	onventiona	al)		lomestic	Municipa		Duration of pumpi	· •				
Boring	everse)	Driving			Test Hol	e 🗌 Monitoring & Air Conditioning	hrs +		5		5	
Air percus			l Ir	ndustrial				a or partiping (<i>mm</i>)	10		10	
] Other, spe				ther, specify			If flowing give rate	(l/min / GPM)	15		15	
Inside		nstruction le OR Material	Record - Ca Wall	asing Depth	(m/ft)	Status of Well Water Supply			20		20	
Diameter (cm/in)	(Galvaniz	ed, Fibreglass, Plastic, Steel)	Thickness (cm/in)	From	То	Replacement Well	Recommended pu	mp deptn (<i>m/tt)</i>	25	<u>alan an an an an an an</u> Ang ang ang ang ang ang ang ang ang ang a	25	
		1 10010, 010017	(Grivini)			Test Hole	Recommended pu	mp rate	30			
	and and a second se	et en la factoria de la composición Transferencia de la composición de la c	e serve alla de	e and fill a state of the state of the		Dewatering Well	(l/min / GPM)				30	
					Alternationale	Observation and/or Monitoring Hole	Well production (I/r	nin / GPM)	40		40	
An an Ar						Alteration	Disinfected?		50		50	
					ala terrata a	(Construction)	X Yes No		60		60	
	C	onstruction	Record - Scr	een		Insufficient Supply Abandoned, Poor		Map of We	ell Loc	ation		
Outside Diameter		aterial Ivanized, Steel	Slot No.	Depth		Water Quality	Please provide a ma	ap below following	instructio	ons on the ba	ick.	
(cm/in)	(1 10010, 00			From	То	specify						
· · · · · · · · · · · · · · · · · · ·						Other, specify						
		Water De			Но	le Diameter						
		Kind of Wate		Untested	Depth From	(<i>m/ft</i>) Diameter To (<i>cm/in</i>)			-			
		Other, sp Kind of Wate				10 (0,10,0,0)	4	OCH ISL	EK	<u>0.</u>	T	
	1	Other, sp		Ontested					- 1	#40	F	
		Kind of Wate		Untested			1895		. 1		13	a) o
(m/ft		Other, sp					12					porter point
isiness Narr	We ne of Well	Contractor	or and Well	Technician	d to poor manor and and population by		a		L		ر انتشب است	13
		r Supply	/ Ltd.		1	Contractor's Licence No.	Summ)					
siness Add	ress (Stre	et Number/N			· ·	cipality	Comments:					
Box 490						ittsville						
^{ovince})ntario	1	ostal Code 2S 1A6	1	E-mail Addre				-				
	1		OTI1	.ce@cap: echnician (La	st Name Fi	rst Name)	information	Package Delivered		Ministr Audit No.	y Use (Only
13 83	6 170	66	Miller	. Stephe	en		package y ly				20	898
		Vo. Signature	of technicia	in and/or Cont	ractor Date			Work Completed				
) 0 D6E (2007/12)	9	A	4m	a 11	2 0	130522	X No 2 0	130542	2D R	leceived A D	<u>n 1</u>	5941
v∈ (2007/12)	© Queen	Pripier for On	ario, 2007	V		Ministry's Copy		-		· · · · · · · · · · · · · · · · · · ·	Sec.	1



This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue.

Go Back to Map

Well ID

Well ID Number: 7190962 Well Audit Number: *Z156927* Well Tag Number: *A135017*

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	4 CRYSTAL BEACH DR
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
	NAD83 — Zone 18
UTM Coordinates	Easting: 434577.00
	Northing: 5022420.00
Municipal Plan and Sublot Number	_
Other	-
	-

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BLCK	LOAM		SOFT	0 m	.61 m
BRWN	SILT	CLAY	SOFT	.61 m	3.1 m
GREY	SILT	CLAY	FSND	3.1 m	6.1 m

Annular Space/Abandonment Sealing Record

	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	FLUSHMOUNT/ CONCRET	ΓE
.31 m	2.74 m	BENSEAL	
2.74 m	6.1 m	SAND	

Method of Construction & Well Use

Method of Construction Well Use
Direct Push

Monitoring and Test Hole

Status of Well

Test Hole

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
4.03 cm	PLASTIC	0 m	3.1 m

Outside Material Depth Depth Diameter From To 4.82 cm PLASTIC 3.1 m 6.1 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	
If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water leve
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth Kind

Hole Diameter

Depth From	•	Diameter
0 m	6.1 m	8.25 cm

Audit Number: Z156927

Date Well Completed: October 02, 2012

Date Well Record Received by MOE: November 09, 2012

Updated: March 7, 2019



This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue.

Go Back to Map

Well ID

Well ID Number: 7216118 Well Audit Number: *Z1*79992 Well Tag Number: *A135015*

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	4 CRYSTAL BEACH RD
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
	NAD83 — Zone 18
UTM Coordinates	Easting: 434571.00
	Northing: 5022379.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	

Annular Space/Abandonment Sealing Record

Depth	Depth	Type of Sealant Used	Volume
From	То	(Material and Type)	Placed
0 m	.31 m	TOPSOIL	
.31 m	1.83 m	HOLEPLUG	
1.83 m	4.88 m	GROUT	

Method of Construction & Well Use

Method of Construction Well Use

Monitoring and Test Hole

Status of Well

Abandoned-Other

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
4.03 cm	PLASTIC	0 m	

Outside Material Depth Depth Diameter From To 4.82 cm PLASTIC

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth Kind

Hole Diameter

•	Depth To	Diameter
0 m	1.83 m	20.32 cm

Audit Number: Z179992

Date Well Completed: December 12, 2013

Date Well Record Received by MOE: February 10, 2014

Updated: March 7, 2019



This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue.

Go Back to Map

Well ID

Well ID Number: 7263434 Well Audit Number: *Z227922* Well Tag Number: *A173538*

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	IN FRONT OF 3-5 CRYSTAL BEACH DRIVE
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
	NAD83 — Zone 18
UTM Coordinates	Easting: 434684.00
	Northing: 5022334.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
				0 m	.15 m
BRWN	FILL	SAND	GRVL	.15 m	.9 m
	CLAY			.9 m	1.8 m
GREY	CLAY	SAND		1.8 m	5.15 m
GREY	CLAY			5.15 m	6.4 m
GREY	CLAY	SAND		6.4 m	7.6 m

Annular Space/Abandonment Sealing Record

Depth	Depth	Type of Sealant Used	Volume
From	To	(Material and Type)	Placed
1 m	5.6 m	BENTONITE	

Method of Construction & Well Use

Method of Construction	Well Use
Other Method	
HSA	Monitoring

Status of Well

Observation Wells

000	Open Hole or material		Depth
Diameter		From	То

Outside Material Depth Depth Diameter From To 5.88 cm PLASTIC 6.1 m 7.62 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 1844

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
4.25 m	Untested

Hole Diameter

Depth From	•	Diameter
0 m	7.62 m	20.3 cm

Audit Number: Z227922

Date Well Completed: September 18, 2015

Date Well Record Received by MOE: May 24, 2016

Updated: March 7, 2019



This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue.

Go Back to Map

Well ID

Well ID Number: 7263437 Well Audit Number: *Z227923* Well Tag Number: *A187187*

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	IN FRONT OF ULLSWATER DRIVE 47/48
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
	NAD83 — Zone 18
UTM Coordinates	Easting: 434524.00
	Northing: 5022175.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
				0 m	.13 m
	FILL	SILT	GRVL	.13 m	.6 m
GREY	CLAY	SAND		.6 m	2.15 m
GREY	CLAY	SAND	GRVL	2.15 m	4.82 m

Annular Space/Abandonment Sealing Record

Depth	Depth	Type of Sealant Used	Volume
From	To	(Material and Type)	Placed
1 m	2.8 m	BENTONITE	Theorem

Method of Construction & Well Use

Method of Construction	Well Use
Other Method	
HSA	Monitoring

Status of Well

Observation Wells

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
5.08 cm	PLASTIC	.3 m	3.35 m

Outside
DiameterDepth
MaterialDepth
Depth
From
To5.88 cmPLASTIC 3.35 m 4.82 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 1844

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
2.3 m	Untested

Hole Diameter

Depth From	•	Diameter
0 m	4.82 m	20.3 cm

Audit Number: Z227923

Date Well Completed: September 16, 2015

Date Well Record Received by MOE: May 24, 2016

Updated: March 7, 2019



This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue.

Go Back to Map

Well ID

Well ID Number: 7190963 Well Audit Number: *Z156928* Well Tag Number: *A135015*

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	4 CRYSTAL BEACH DR
Township	NEPEAN TOWNSHIP
Lot	_
Concession	-
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
	NAD83 — Zone 18
UTM Coordinates	Easting: 434587.00
	Northing: 5022421.00
Municipal Plan and Sublot Number	-
Other	-
	-

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	LOAM		SOFT	0 m	.61 m
GREY	CLAY	SOFT		.61 m	4.57 m
GREY	CLAY	SILT	SOFT	4.57 m	6.1 m

Annular Space/Abandonment Sealing Record

	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE/ FLUSHMOUNT	-
.31 m	2.74 m	BENSEAL	
2.74 m	6.1 m	SAND	

Method of Construction & Well Use

Method of Construction Well Use
Direct Push

Monitoring and Test Hole

Status of Well

Test Hole

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
4.03 cm	PLASTIC	0 m	3.1 m

Outside Material Depth Depth Diameter From To 4.82 cm PLASTIC 3.1 m 6.1 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	
If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water leve
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth Kind

Hole Diameter

Depth From	•	Diameter
0 m	6.1 m	8.25 cm

Audit Number: Z156928

Date Well Completed: October 02, 2012

Date Well Record Received by MOE: November 09, 2012

Updated: March 7, 2019



This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue.

Go Back to Map

Well ID

Well ID Number: 7190964 Well Audit Number: *Z156930* Well Tag Number: *A135016*

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	4 CRYSTAL BEACH DR
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
	NAD83 — Zone 18
UTM Coordinates	Easting: 434578.00
	Northing: 5022403.00
Municipal Plan and Sublot Number	_
Other	
	-

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	LOAM		SOFT	0 m	.61 m
BRWN	CLAY	SOFT		.61 m	4.57 m
GREY	CLAY	SILT	SOFT	4.57 m	6.1 m

Annular Space/Abandonment Sealing Record

	Depth To	Type of Sealant Used (Material and Type)	Volume Placed	
0 m	.31 m	FLUSHMOUNT/ CONCRET	TE	
.31 m	2.74 m	BENSEAL		
2.74 m	6.1 m	SAND		

Method of Construction & Well Use

Method of Construction Well Use
Direct Push

Monitoring and Test Hole

Status of Well

Test Hole

Inside	Open Hole or material	Depth	Depth	
Diameter		From	To	
4.03 cm	PLASTIC	0 m	3.1 m	

Outside Material Depth Depth Diameter From To 4.82 cm PLASTIC 3.1 m 6.1 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	
If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water leve
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth Kind

Hole Diameter

Depth Depth From To		Diameter	
0 m	6.1 m	8.25 cm	

Audit Number: Z156930

Date Well Completed: October 02, 2012

Date Well Record Received by MOE: November 09, 2012

Updated: March 7, 2019



This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue.

Go Back to Map

Well ID

Well ID Number: 7190965 Well Audit Number: *Z156931* Well Tag Number: *A135014*

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	4 CRYSTAL BEACH DR
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
	NAD83 — Zone 18
UTM Coordinates	Easting: 434570.00
	Northing: 5022387.00
Municipal Plan and Sublot Number	
Other	-

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	LOAM		SOFT	0 m	.61 m
GREY	CLAY	SILT	SOFT	.61 m	5.18 m
GREY	SILT	CLAY	WBRG	5.18 m	6.1 m

Annular Space/Abandonment Sealing Record

	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	FLUSHMOUNT/ CONCRE	TE
.31 m	2.74 m	BENSEAL	
2.74 m	6.1 m	SAND	

Method of Construction & Well Use

Method of Construction Well Use
Direct Push

Monitoring and Test Hole

Status of Well

Test Hole

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
4.03 cm	PLASTIC	0 m	3.1 m

Outside Material Depth Depth Diameter From To 4.82 cm PLASTIC 3.1 m 6.1 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	
If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water leve
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth Kind

Hole Diameter

Depth Depth From To		Diameter
0 m	6.1 m	8.25 cm

Audit Number: Z156931

Date Well Completed: October 22, 2012

Date Well Record Received by MOE: November 09, 2012

Updated: March 7, 2019



This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue.

Go Back to Map

Well ID

Well ID Number: 7216113 Well Audit Number: *Z1*79994 Well Tag Number: *A141802*

This table contains information from the original well record and any subsequent updates.

Well Location

CRYSTAL BEACH RE
EPEAN TOWNSHIP
TAWA-CARLETON
TTAWA
N
a
AD83 — Zone 18
sting: 434572.00
orthing: 5022395.00

Overburden and Bedrock Materials Interval

|--|

Annular Space/Abandonment Sealing Record

Depth	Depth	Type of Sealant Used	Volume
From	То	(Material and Type)	Placed
0 m	.31 m	TOPSOIL	
.31 m	1.83 m	HOLEPLUG	
1.83 m		GROUT	

Method of Construction & Well Use

Method of Construction Well Use

Monitoring and Test Hole

Status of Well

Abandoned-Other

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
10 cm	PLASTIC		

Outside Material Depth Depth Diameter From To 10.92 cm

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth Kind

Hole Diameter

•	Depth To	Diameter
0 m	1.83 m	20.32 cm

Audit Number: Z179994

Date Well Completed: December 12, 2013

Date Well Record Received by MOE: February 10, 2014

Updated: March 7, 2019



This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue.

Go Back to Map

Well ID

Well ID Number: 7216114 Well Audit Number: *Z1*79999 Well Tag Number: *A141801*

This table contains information from the original well record and any subsequent updates.

Well Location

NEPEAN TOWNSHIP
OTTAWA-CARLETON
OTTAWA
ON
n/a
NAD83 — Zone 18
Easting: 434583.00
Northing: 5022406.00
r

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	

Annular Space/Abandonment Sealing Record

Depth	Depth	Type of Sealant Used	Volume
From	То	(Material and Type)	Placed
0 m	.31 m	TOPSOIL	
.31 m	1.83 m	HOLEPLUG	
1.83 m		GROUT	

Method of Construction & Well Use

Method of Construction Well Use

Monitoring and Test Hole

Status of Well

Abandoned-Other

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
10 cm	PLASTIC		

Outside Material Depth Depth Diameter From To 10.92 cm PLASTIC

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth Kind

Hole Diameter

•	Depth To	Diameter	
0 m	1.83 m	20.32 cm	

Audit Number: Z179999

Date Well Completed: December 12, 2013

Date Well Record Received by MOE: February 10, 2014

Updated: March 7, 2019



This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue.

Go Back to Map

Well ID

Well ID Number: 7216115 Well Audit Number: *Z1*79997 Well Tag Number: *A135014*

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	4 CRYSTAL BEACH RD
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
	NAD83 — Zone 18
UTM Coordinates	Easting: 434585.00
	Northing: 5022392.00
Municipal Plan and Sublot Number	
Other	
	_

Overburden and Bedrock Materials Interval

Annular Space/Abandonment Sealing Record

Depth	Depth	Type of Sealant Used	Volume
From	То	(Material and Type)	Placed
0 m	.31 m	TOPSOIL	
.31 m	1.83 m	HOLEPLUG	
1.83 m		GROUT	

Method of Construction & Well Use

Method of Construction Well Use

Monitoring and Test Hole

Status of Well

Abandoned-Other

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
4.03 cm	PLASTIC		

Outside Material Depth Depth Diameter From To 4.21 cm PLASTIC

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth Kind

Hole Diameter

•	Depth To	Diameter	
0 m	1.83 m	20.32 cm	

Audit Number: Z179997

Date Well Completed: December 12, 2013

Date Well Record Received by MOE: February 10, 2014

Updated: March 7, 2019



This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue.

Go Back to Map

Well ID

Well ID Number: 7216116 Well Audit Number: *Z1*79996 Well Tag Number: *A14180*6

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	4 CRYSTAL BEACH RD
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
	NAD83 — Zone 18
UTM Coordinates	Easting: 434579.00
	Northing: 5022408.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	

Annular Space/Abandonment Sealing Record

Depth	Depth	Type of Sealant Used	Volume
From	То	(Material and Type)	Placed
0 m	.31 m	TOPSOIL	
.31 m	1.83 m	HOLEPLUG	
1.83 m	4.88 m	GROUT	

Method of Construction & Well Use

Method of Construction Well Use

Monitoring and Test Hole

Status of Well

Abandoned-Other

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
4.03 cm	PLASTIC		

Outside Material Depth Depth Diameter From To 4.82 cm

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth Kind

Hole Diameter

Depth	•	Diameter
From	10	
0 m	1.83 m	20.32 cm

Audit Number: Z179996

Date Well Completed: December 12, 2013

Date Well Record Received by MOE: February 10, 2014

Updated: March 7, 2019



This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue.

Go Back to Map

Well ID

Well ID Number: 7216117 Well Audit Number: Z179995 Well Tag Number: A141805

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	4 CRYSTAL BEACH RD
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
	NAD83 — Zone 18
UTM Coordinates	Easting: 434573.00
	Northing: 5022400.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	

Annular Space/Abandonment Sealing Record

•	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	TOPSOIL	
.31 m	1.83 m	HOLEPLUG	

Method of Construction & Well Use

Method of Construction Well Use

Monitoring and Test Hole

Status of Well

Abandoned-Other

Construction Record - Casing

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
4.03 cm	PLASTIC		

Construction Record - Screen

Outside Material Depth Depth Diameter From To 4.82 cm PLASTIC

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min) Draw Down Water level Recovery Time(min) Recovery Water level

SWL	
1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth Kind

Hole Diameter

Depth	Depth	Diameter
From	То	Diameter
0 m	1.83 m	20.32 cm

Audit Number: Z179995

Date Well Completed: December 12, 2013

Date Well Record Received by MOE: February 10, 2014

Updated: March 7, 2019



Project Property:

Project No: Report Type: Order No: Requested by: Date Completed: PE4556 -3430 Carling Ave PE4556 -3430 Carling Ave Ottawa ON K2H 5J1 31687 Standard Report 21012100004 Paterson Group Inc. January 26, 2021

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

Table of Contents

Table of Contents	2
Executive Summary	3
Executive Summary: Report Summary	4
Executive Summary: Site Report Summary - Project Property	
Executive Summary: Site Report Summary - Surrounding Properties	7
Executive Summary: Summary By Data Source	14
Мар	25
Aerial	26
Topographic Map	27
Detail Report	28
Unplottable Summary	146
Unplottable Report	148
Appendix: Database Descriptions	158
Definitions	

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Limited Partnership ("ERIS") using various sources of information, including information provided by Federal and Provincial government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Trademark and Copyright: You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report (s) are protected by copyright owned by ERIS Information Limited Partnership. Copyright in data used in the Service or Report(s) (the "Data") is owned by ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of ERIS.

Executive Summary

Property Information:

Project Property:	PE4556 -3430 Carling Ave
	PE4556 -3430 Carling Ave Ottawa ON K2H 5J1

31687

Coordinates:

Project No:

I	Latitude:	45.3520783
	Longitude:	-75.8368631
	UTM Northing:	5,022,403.65
	UTM Easting:	434,447.61
	UTM Zone:	18T
Elevation:		210 FT
		63.88 M

Order Information:

Order No: Date Requested: Requested by: Report Type: 21012100004 January 21, 2021 Paterson Group Inc. 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	2	2
CA	Certificates of Approval	Y	0	2	2
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	6	6
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	6	6
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	4	4
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	Y	0	0	0
FST	(FIRSTS) Fuel Storage Tank	Y	0	9	9
FSTH	Fuel Storage Tank - Historic	Y	0	2	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	6	6
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	3	3
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	3	3
PRT	Private and Retail Fuel Storage Tanks	Y	0	2	2
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	2	2
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	6	6
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	35	36
		Total:	1	88	89

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>5</u>	WWIS		lot 12 con 1 ON	W/72.5	0.00	<u>28</u>

Well ID: 1503829

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>1</u>	WWIS		lot 12 con 1 ON <i>Well ID:</i> 1503798	NNE/46.9	0.03	<u>31</u>
<u>2</u>	BORE		ON	NNE/47.1	0.03	<u>34</u>
<u>3</u>	WWIS		lot 12 con 1 ON <i>Well ID:</i> 1503799	NE/49.1	0.03	<u>35</u>
<u>4</u>	WWIS		3420 CARLING AVE Ottawa ON Well ID: 7204222	E/70.1	0.00	<u>38</u>
<u>6</u>	wwis		lot 12 con 1 ON <i>Well ID:</i> 1503800	WSW/83.3	-0.03	<u>41</u>
Z	RST	MACEWEN PETROLEUM INC	3420 CARLING AVE NEPEAN ON K2H 5B1	E/84.7	0.00	<u>43</u>
Z	FSTH	RALPH & SONS DINER LTD	3420 CARLING AV NEPEAN ON K2H 5B1	E/84.7	0.00	<u>44</u>
Z	FSTH	RALPH & SONS DINER LTD	3420 CARLING AV NEPEAN ON K2H 5B1	E/84.7	0.00	<u>44</u>
<u>7</u>	FST	RALPH & SONS DINER LTD	3420 CARLING AV NEPEAN K2H 5B1 ON CA 3420 CARLING AV NEPEAN K2H 5B1 ON CA ON	E/84.7	0.00	<u>45</u>
<u>7</u>	FST	RALPH & SONS DINER LTD	3420 CARLING AV NEPEAN K2H 5B1 ON CA 3420 CARLING AV NEPEAN K2H 5B1 ON CA ON	E/84.7	0.00	<u>45</u>
<u>7</u>	FST	RALPH & SONS DINER LTD	3420 CARLING AV NEPEAN K2H 5B1 ON CA 3420 CARLING AV NEPEAN K2H 5B1 ON CA ON	E/84.7	0.00	<u>46</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>7</u>	FST	RALPH & SONS DINER LTD	3420 CARLING AV NEPEAN K2H 5B1 ON CA 3420 CARLING AV NEPEAN K2H 5B1 ON CA ON	E/84.7	0.00	<u>46</u>
<u>7</u>	RST	MACEWEN PETROLEUM INC	3420 CARLING AVE NEPEAN ON K2H5B1	E/84.7	0.00	<u>47</u>
<u>7</u>	GEN	Ralph & Son`s Diner Ltd.	3420 Carling Ave Ottawa ON	E/84.7	0.00	<u>47</u>
<u>7</u>	GEN	Ralph & Son`s Diner Ltd.	3420 Carling Ave Ottawa ON K2H5B1	E/84.7	0.00	<u>47</u>
<u>Z</u>	SPL		3420 Carling Ave, Nepean Ottawa ON	E/84.7	0.00	<u>48</u>
<u>7</u>	INC	RALPH & SONS DINER LTD	3420 CARLING AV,,NEPEAN,ON,K2H 5B1,CA ON	E/84.7	0.00	<u>48</u>
Z	INC	RALPH & SONS DINER LTD	3420 CARLING AV,,NEPEAN,ON,K2H 5B1,CA ON	E/84.7	0.00	<u>49</u>
<u>7</u>	FST		3420 CARLING AV NEPEAN ON K2H 5B1	E/84.7	0.00	<u>49</u>
<u>8</u>	WWIS		3420 CARLING AVE Ottawa ON <i>Well ID:</i> 7204224	E/101.0	0.00	<u>50</u>
<u>9</u>	WWIS		3420 CARLING AVE Ottawa ON <i>Well ID:</i> 7204293	E/120.7	1.08	<u>53</u>
<u>10</u>	PRT	TOP VALU GAS BAR	3410 CARLING AV NEPEAN ON K2H5B1	E/122.5	-0.09	<u>56</u>
<u>10</u>	PRT	C CORP (ONTARIO) INC ATTN ACCOUNTS PAYABLE	3410 CARLING AV STATION 7013 OTTAWA ON	E/122.5	-0.09	<u>56</u>
<u>10</u>	DTNK	MAC'S CONVENIENCE STORES INC**	3410 CARLING AVE STATION 7013 NEPEAN ON K2H 5B1	E/122.5	-0.09	<u>56</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>10</u>	DTNK	TOP VALU GAS BAR BOB MITCHELL	3410 CARLING AV NEPEAN ON	E/122.5	-0.09	<u>56</u>
<u>10</u>	DTNK	MAC'S CONVENIENCE STORES INC**	3410 CARLING AVE STATION 7013 NEPEAN ON	E/122.5	-0.09	<u>57</u>
<u>10</u>	DTNK	MAC'S CONVENIENCE STORES INC**	3410 CARLING AVE STATION 7013 NEPEAN ON	E/122.5	-0.09	<u>57</u>
<u>10</u>	DTNK	MAC'S CONVENIENCE STORES INC**	3410 CARLING AVE STATION 7013 NEPEAN ON	E/122.5	-0.09	<u>57</u>
<u>10</u>	DTNK	MAC'S CONVENIENCE STORES INC**	3410 CARLING AVE STATION 7013 NEPEAN ON	E/122.5	-0.09	<u>58</u>
<u>10</u>	EXP	MAC'S CONVENIENCE STORES INC	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E/122.5	-0.09	<u>58</u>
<u>10</u>	EXP	MAC'S CONVENIENCE STORES INC	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E/122.5	-0.09	<u>58</u>
<u>10</u>	EXP	MAC'S CONVENIENCE STORES INC	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E/122.5	-0.09	<u>59</u>
<u>10</u>	EXP	MAC'S CONVENIENCE STORES INC	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E/122.5	-0.09	<u>59</u>
<u>10</u>	FST	MAC'S CONVENIENCE STORES INC	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E/122.5	-0.09	<u>60</u>
<u>10</u>	FST	MAC'S CONVENIENCE STORES INC	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E/122.5	-0.09	<u>60</u>
<u>10</u>	FST	MAC'S CONVENIENCE STORES INC	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E/122.5	-0.09	<u>61</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>10</u>	FST	MAC'S CONVENIENCE STORES INC	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E/122.5	-0.09	<u>61</u>
<u>11</u>	WWIS		4 CRYSTAL BEACH DR Ottawa ON	E/123.5	1.00	<u>61</u>
			Well ID: 7190965			
<u>12</u>	WWIS		4 CRYSTAL BEACH RD OTTAWA ON	E/124.7	1.08	<u>64</u>
			Well ID: 7216113			
<u>13</u>	WWIS		4 CRYSTAL BEACH RD OTTAWA ON	E/125.4	1.08	<u>66</u>
			Well ID: 7216117			
<u>14</u>	WWIS		4 CRYSTAL BEACH RD OTTAWA ON	E/125.8	1.00	<u>68</u>
			Well ID: 7216118			
<u>15</u>	WWIS		4 CRYSTAL BEACH ROAD OTTAWA ON	E/126.4	1.08	<u>70</u>
			Well ID: 7216112			
<u>16</u>	WWIS		4 CRYSTAL BEACH DR Ottawa ON	E/130.4	1.08	<u>72</u>
			Well ID: 7190964			
<u>17</u>	WWIS		4 CRYSTAL BEACH DR Ottawa ON	E/130.4	-0.09	<u>75</u>
			Well ID: 7190962			
<u>18</u>	WWIS		4 CRYSTAL BEACH RD OTTAWA ON	E/131.5	1.08	<u>78</u>
			Well ID: 7216116			
<u>19</u>	WWIS		3420 CARLING AVE Ottawa ON	E/132.4	1.08	<u>80</u>
			Well ID: 7204221			
<u>20</u>	WWIS		4 CRYSTAL BEACH RD. ON	E/135.4	1.08	<u>83</u>
			Well ID: 7198893			
<u>21</u>	WWIS		4 CRYSTAL BEACH DR. OTTAWA ON	E/135.4	1.08	<u>86</u>
			Well ID: 7198894			
<u>21</u>	WWIS		4 CRYSTAL BEACH ROAD OTTAWA ON	E/135.4	1.08	<u>88</u>
			Well ID: 7216114			

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>22</u>	EHS		1, 27, 29, 31, 35 & 37 Elterwater Avenue, 4 Crystal Beach Drive and 5 Ullswater Ottawa ON	ESE/135.8	1.00	<u>91</u>
<u>23</u>	WWIS		4 CRYSTAL BEACH RD. lot 13 con 1 OTTAWA ON	E/137.5	1.08	<u>91</u>
			Well ID: 7198892			
<u>24</u>	WWIS		233 ELTERWATER AVE. OTTAWA ON	E/137.7	1.08	<u>93</u>
			Well ID: 7176933			
<u>25</u>	WWIS		4 CRYSTAL BEACH RD OTTAWA ON	E/137.9	1.08	<u>96</u>
			Well ID: 7216115			
<u>26</u>	WWIS		233 ELTER WATER AVE. lot 13 con 1 OTTAWA ON	E/138.4	1.08	<u>98</u>
			Well ID: 7176932			
<u>27</u>	WWIS		4 CRYSTAL BEACH DR. OTTAWA ON	E/139.4	1.08	<u>101</u>
			Well ID: 7198880			
<u>28</u>	WWIS		4 CRYSTAL BEACH DR Ottawa ON	E/140.5	-0.09	<u>104</u>
			Well ID: 7190963			
<u>29</u>	WWIS		4 CRYSTAL BEACH DR. OTTAWA ON	E/141.4	1.08	<u>107</u>
			Well ID: 7198881			
<u>30</u>	WWIS		3420 CARLING AVE Ottawa ON	E/145.5	1.00	<u>110</u>
			Well ID: 7204223			
<u>31</u>	WWIS		lot 12 con 1 ON	WNW/164.3	-1.69	<u>113</u>
			Well ID: 1503804			
<u>32</u>	SPL	Enbridge Gas Distribution Inc.	62 Loch Isle Road Ottawa ON	NNE/173.0	-2.03	<u>115</u>
<u>32</u>	PINC	ENBRIDGE GAS INC	62 LOCH ISLE RD,,NEPEAN,ON,K2H 8G8, CA ON	NNE/173.0	-2.03	<u>116</u>
<u>33</u>	WWIS		lot 12 con 1 ON	WNW/181.0	-2.91	<u>116</u>
			Well ID: 1503794			

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>34</u>	BORE		ON	WNW/181.1	-2.91	<u>119</u>
<u>35</u>	WWIS		lot 13 con 1 ON <i>Well ID:</i> 1503824	ENE/185.6	-0.97	<u>120</u>
<u>36</u>	EHS		1 & 3 Ullswater Drive, 25 & 33 Elterwater Avenue and 2A & 2B Crystal Beach Drive Ottawa ON	W/186.0	0.33	<u>123</u>
<u>37</u>	EHS		1 Ullswater Drive Ottawa ON K2H 5H2	W/186.0	0.33	<u>123</u>
<u>37</u>	EHS		1 Ullswater Drive Ottawa ON K2H 5H2	W/186.0	0.33	<u>123</u>
<u>37</u>	EHS		1 Ullswater Drive Ottawa ON K2H 5H2	W/186.0	0.33	<u>123</u>
<u>37</u>	EHS		1 Ullswater Drive Ottawa ON K2H 5H2	W/186.0	0.33	<u>124</u>
<u>38</u>	CA	NEPEAN CITY	LOCH ISLE RD./SUNNY BRAE AVE. NEPEAN CITY ON	NNE/208.4	-2.00	<u>124</u>
<u>39</u>	WWIS		lot 13 con 1 ON <i>Well ID:</i> 1503809	NNE/215.0	-3.11	<u>124</u>
<u>40</u>	WWIS		lot 13 con 1 ON <i>Well ID:</i> 1503819	E/215.3	-0.03	<u>127</u>
<u>41</u>	INC		6 Rocky Point Road, Ottawa ON	NE/220.7	-1.69	<u>129</u>
<u>42</u>	GEN	Minto Apartments Ltd.	4 Crystal BEach Drive ottawa ON	E/223.7	0.69	<u>130</u>
<u>42</u>	GEN	Minto Apartments Ltd.	4 Crystal BEach Drive ottawa ON	E/223.7	0.69	<u>130</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>42</u>	SPL	Enbridge Gas Distribution Inc.	4E Crystal Beach Drive Ottawa ON	E/223.7	0.69	<u>130</u>
<u>42</u>	GEN	Minto Apartments Ltd.	4 Crystal BEach Drive ottawa ON K2H 5M4	E/223.7	0.69	<u>131</u>
<u>42</u>	PINC	ZONE 5 LANDSCAPING INC	4 CRYSTAL BEACH DR,,NEPEAN,ON, K2H 5M4,CA ON	E/223.7	0.69	<u>131</u>
<u>43</u>	wwis		lot 13 con 1 ON Well ID: 1504678	NNE/227.3	-2.54	<u>131</u>
<u>44</u>	GEN	SKARLAN ENTERPRISES	3409 CARLING AVENUE OTTAWA ON	WNW/228.3	-3.03	<u>134</u>
<u>45</u>	WWIS		lot 12 con 1 ON <i>Well ID:</i> 1503801	N/228.5	-2.64	<u>134</u>
<u>46</u>	PINC	TAGGART CONSTRUCTION LTD	8 CRYSTAL BEACH DR,,OTTAWA,ON, K2H 5M4,CA ON	ESE/230.7	1.00	<u>137</u>
<u>46</u>	SPL	Enbridge Gas Distribution Inc.	8 Crystal Beach Drive Ottawa ON	ESE/230.7	1.00	137
<u>46</u>	SPL	Enbridge Gas Distribution Inc.	8 Crystal Beach, Nepean Ottawa ON	ESE/230.7	1.00	<u>138</u>
<u>47</u>	WWIS		IN FRONT OF ULLSWATER DRIVE 47/48 Ottawa ON <i>Well ID:</i> 7263437	SSE/241.1	1.00	<u>138</u>
<u>48</u>	wwis		IN FRONT OF 3-5 CRYSTAL BEACH DRIVE Ottawa ON Well ID: 7263434	ESE/246.4	-0.13	<u>141</u>
<u>49</u>	CA	R.M. OF OTTAWA-CARLETON	ELTERWATER AVE./ULLSWATER DR. NEPEAN CITY ON	WSW/249.5	1.00	<u>145</u>
<u>50</u>	SPL	UNKNOWN	CARLING AVE. & CRYSTAL BEACH DR. NEPEAN CITY ON	E/249.6	-0.31	<u>145</u>

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 2 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	<u>Map Key</u>	
	ON	NNE	47.13	<u>2</u>	
Lower Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>	
	ON	WNW	181.10	<u>34</u>	

<u>CA</u> - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 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>
R.M. OF OTTAWA-CARLETON	ELTERWATER AVE./ULLSWATER DR. NEPEAN CITY ON	WSW	249.55	<u>49</u>
Lower Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
NEPEAN CITY	LOCH ISLE RD./SUNNY BRAE AVE. NEPEAN CITY ON	NNE	208.44	<u>38</u>

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Jul 31, 2020 has found that there are 6 DTNK site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
TOP VALU GAS BAR BOB MITCHELL	3410 CARLING AV NEPEAN ON	Е	122.47	<u>10</u>

erisinfo.com	Environmental	Risk	Information	Services
01101110.00111	Linvitoritionital	1,101	monnation	001110000

MAC'S CONVENIENCE STORES INC**	3410 CARLING AVE STATION 7013 NEPEAN ON	E	122.47	<u>10</u>
MAC'S CONVENIENCE STORES INC**	3410 CARLING AVE STATION 7013 NEPEAN ON	E	122.47	<u>10</u>
MAC'S CONVENIENCE STORES INC**	3410 CARLING AVE STATION 7013 NEPEAN ON	E	122.47	<u>10</u>
MAC'S CONVENIENCE STORES INC**	3410 CARLING AVE STATION 7013 NEPEAN ON	E	122.47	<u>10</u>
MAC'S CONVENIENCE STORES	3410 CARLING AVE STATION 7013 NEPEAN ON K2H 5B1	E	122.47	<u>10</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2020 has found that there are 6 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address 1, 27, 29, 31, 35 & 37 Elterwater Avenue, 4 Crystal Beach Drive and 5 Ullswater Ottawa ON	<u>Direction</u> ESE	<u>Distance (m)</u> 135.75	<u>Map Key</u> 22
	1 & 3 Ullswater Drive, 25 & 33 Elterwater Avenue and 2A & 2B Crystal Beach Drive Ottawa ON	W	185.95	<u>36</u>
	1 Ullswater Drive Ottawa ON K2H 5H2	W	185.96	<u>37</u>
	1 Ullswater Drive Ottawa ON K2H 5H2	W	185.96	<u>37</u>
	1 Ullswater Drive Ottawa ON K2H 5H2	W	185.96	<u>37</u>

Equal/Higher Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	1 Ullswater Drive Ottawa ON K2H 5H2	W	185.96	<u>37</u>

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Jul 31, 2020 has found that there are 4 EXP site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
MAC'S CONVENIENCE STORES INC	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E	122.47	<u>10</u>
MAC'S CONVENIENCE STORES INC	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E	122.47	<u>10</u>
MAC'S CONVENIENCE STORES INC	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E	122.47	<u>10</u>
MAC'S CONVENIENCE STORES	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E	122.47	<u>10</u>

FST - Fuel Storage Tank

A search of the FST database, dated Jul 31, 2020 has found that there are 9 FST site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation RALPH & SONS DINER LTD	Address 3420 CARLING AV NEPEAN K2H 5B1 ON CA 3420 CARLING AV NEPEAN K2H 5B1 ON CA ON	<u>Direction</u> E	<u>Distance (m)</u> 84.74	<u>Map Key</u> <u>7</u>
RALPH & SONS DINER LTD	3420 CARLING AV NEPEAN K2H 5B1 ON CA 3420 CARLING AV NEPEAN K2H 5B1 ON CA ON	E	84.74	7
RALPH & SONS DINER LTD	3420 CARLING AV NEPEAN K2H 5B1 ON CA 3420 CARLING AV NEPEAN K2H 5B1 ON CA ON	E	84.74	7

Equal/Higher Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	3420 CARLING AV NEPEAN ON K2H 5B1	E	84.74	<u>7</u>
RALPH & SONS DINER LTD	3420 CARLING AV NEPEAN K2H 5B1 ON CA 3420 CARLING AV NEPEAN K2H 5B1 ON CA ON	E	84.74	<u>7</u>

Lower Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
MAC'S CONVENIENCE STORES INC	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E	122.47	<u>10</u>
MAC'S CONVENIENCE STORES INC	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E	122.47	<u>10</u>
MAC'S CONVENIENCE STORES INC	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E	122.47	<u>10</u>
MAC'S CONVENIENCE STORES	3410 CARLING AVE STATION 7013 NEPEAN K2H 5B1 ON CA ON	E	122.47	<u>10</u>

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 2 FSTH 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>
RALPH & SONS DINER LTD	3420 CARLING AV NEPEAN ON K2H 5B1	E	84.74	<u>7</u>
RALPH & SONS DINER LTD	3420 CARLING AV NEPEAN ON K2H 5B1	E	84.74	<u>7</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 6 GEN site(s) within approximately 0.25 kilometers of

the project property.

Equal/Higher Elevation Ralph & Son`s Diner Ltd.	<u>Address</u> 3420 Carling Ave Ottawa ON K2H5B1	<u>Direction</u> E	<u>Distance (m)</u> 84.74	<u>Map Key</u> <u>7</u>
Ralph & Son`s Diner Ltd.	3420 Carling Ave Ottawa ON	E	84.74	Ţ
Minto Apartments Ltd.	4 Crystal BEach Drive ottawa ON K2H 5M4	E	223.67	<u>42</u>
Minto Apartments Ltd.	4 Crystal BEach Drive ottawa ON	E	223.67	<u>42</u>
Minto Apartments Ltd.	4 Crystal BEach Drive ottawa ON	E	223.67	<u>42</u>

Lower Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
SKARLAN ENTERPRISES	3409 CARLING AVENUE OTTAWA ON	WNW	228.29	<u>44</u>

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated Jul 31, 2020 has found that there are 3 INC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
RALPH & SONS DINER LTD	3420 CARLING AV,,NEPEAN,ON,K2H 5B1,CA ON	E	84.74	<u>7</u>
RALPH & SONS DINER LTD	3420 CARLING AV,,NEPEAN,ON,K2H 5B1,CA ON	Ε	84.74	7
Lower Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>

6 Rocky Point Road, Ottawa	NE	220.69	41
ON			

PINC - Pipeline Incidents

A search of the PINC database, dated Oct 31, 2020 has found that there are 3 PINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u>	Direction	Distance (m)	<u>Map Key</u>
ZONE 5 LANDSCAPING INC	4 CRYSTAL BEACH DR,,NEPEAN, ON,K2H 5M4,CA ON	E	223.67	<u>42</u>
TAGGART CONSTRUCTION LTD	8 CRYSTAL BEACH DR,,OTTAWA, ON,K2H 5M4,CA ON	ESE	230.71	<u>46</u>

Lower Elevation	<u>Address</u>	Direction	Distance (m)	<u>Map Key</u>
ENBRIDGE GAS INC	62 LOCH ISLE RD,,NEPEAN,ON,K2H 8G8,CA ON	NNE	172.96	<u>32</u>

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 2 PRT site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
TOP VALU GAS BAR	3410 CARLING AV NEPEAN ON K2H5B1	E	122.47	<u>10</u>
C CORP (ONTARIO) INC ATTN ACCOUNTS PAYABLE	3410 CARLING AV STATION 7013 OTTAWA ON	E	122.47	<u>10</u>

<u>RST</u> - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-Jun 30, 2020 has found that there are 2 RST site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
MACEWEN PETROLEUM INC	3420 CARLING AVE NEPEAN ON K2H 5B1	E	84.74	<u>7</u>

erisinfo.com Environmental Risk Information Service

Equal/Higher Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
MACEWEN PETROLEUM INC	3420 CARLING AVE NEPEAN ON K2H5B1	E	84.74	<u>7</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Mar 2020; Jul 2020 - Aug 2020 has found that there are 6 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u> 3420 Carling Ave, Nepean Ottawa ON	<u>Direction</u> E	<u>Distance (m)</u> 84.74	<u>Map Key</u> <u>7</u>
Enbridge Gas Distribution Inc.	4E Crystal Beach Drive Ottawa ON	E	223.67	<u>42</u>
Enbridge Gas Distribution Inc.	8 Crystal Beach Drive Ottawa ON	ESE	230.71	<u>46</u>
Enbridge Gas Distribution Inc.	8 Crystal Beach, Nepean Ottawa ON	ESE	230.71	<u>46</u>
Lower Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Gas Distribution Inc.	62 Loch Isle Road Ottawa ON	NNE	172.96	<u>32</u>
UNKNOWN	CARLING AVE. & CRYSTAL BEACH DR. NEPEAN CITY ON	E	249.64	<u>50</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 36 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u> lot 12 con 1 ON	<u>Direction</u> NNE	<u>Distance (m)</u> 46.94	<u>Map Key</u> <u>1</u>
	Well ID: 1503798			
	lot 12 con 1 ON	NE	49.07	<u>3</u>
	Well ID: 1503799			
	3420 CARLING AVE Ottawa ON	E	70.06	<u>4</u>
	Well ID: 7204222			
	lot 12 con 1 ON	W	72.49	<u>5</u>
	Well ID: 1503829			
	3420 CARLING AVE Ottawa ON	E	101.03	<u>8</u>
	Well ID: 7204224			
	3420 CARLING AVE Ottawa ON	E	120.68	<u>9</u>
	Well ID: 7204293			
	4 CRYSTAL BEACH DR Ottawa ON	E	123.52	<u>11</u>
	Well ID: 7190965			
	4 CRYSTAL BEACH RD OTTAWA ON	E	124.69	<u>12</u>
	Well ID: 7216113			
	4 CRYSTAL BEACH RD OTTAWA ON	E	125.45	<u>13</u>
	Well ID: 7216117			
	4 CRYSTAL BEACH RD OTTAWA ON	E	125.83	<u>14</u>
	Well ID: 7216118			
	4 CRYSTAL BEACH ROAD OTTAWA ON	E	126.44	<u>15</u>
	Well ID: 7216112			
	4 CRYSTAL BEACH DR Ottawa ON	E	130.40	<u>16</u>

Address Well ID: 7190964	Direction	<u>Distance (m)</u>	<u>Map Key</u>
4 CRYSTAL BEACH RD OTTAWA ON	E	131.47	<u>18</u>
Well ID: 7216116			
3420 CARLING AVE Ottawa ON	E	132.40	<u>19</u>
Well ID: 7204221			
4 CRYSTAL BEACH RD. ON	E	135.39	<u>20</u>
Well ID: 7198893			
4 CRYSTAL BEACH DR. OTTAWA ON	E	135.41	<u>21</u>
Well ID: 7198894			
4 CRYSTAL BEACH ROAD OTTAWA ON	E	135.41	<u>21</u>
Well ID: 7216114			
4 CRYSTAL BEACH RD. lot 13 con 1 OTTAWA ON	E	137.54	<u>23</u>
Well ID: 7198892			
233 ELTERWATER AVE. OTTAWA ON	E	137.73	<u>24</u>
Well ID: 7176933			
4 CRYSTAL BEACH RD OTTAWA ON	E	137.89	<u>25</u>
Well ID: 7216115			
233 ELTER WATER AVE. lot 13 con 7 OTTAWA ON	E	138.43	<u>26</u>
Well ID: 7176932			
4 CRYSTAL BEACH DR. OTTAWA ON	E	139.39	<u>27</u>
Well ID: 7198880			
4 CRYSTAL BEACH DR. OTTAWA ON	E	141.43	<u>29</u>
Well ID: 7198881			

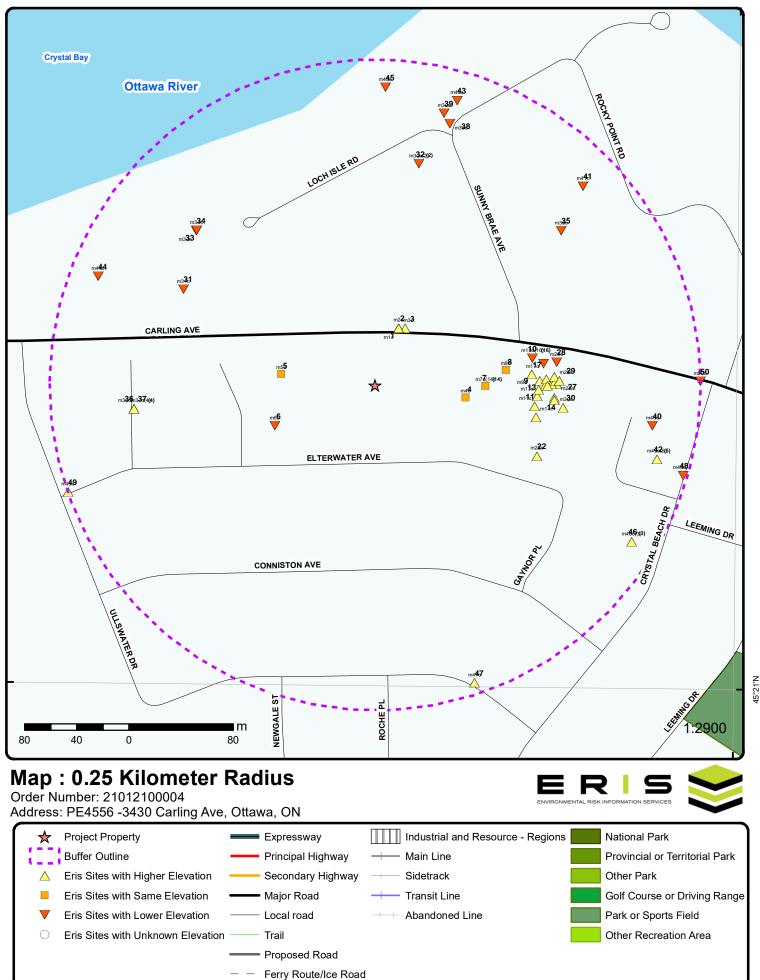
Equal/Higher Elevation

Equal/Higher Elevation	<u>Address</u>	Direction	Distance (m)	<u>Map Key</u>
	3420 CARLING AVE Ottawa ON	E	145.47	<u>30</u>
	Well ID: 7204223			
	IN FRONT OF ULLSWATER DRIVE 47/48 Ottawa ON <i>Well ID</i> : 7263437	SSE	241.07	<u>47</u>

Lower Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	lot 12 con 1 ON	WSW	83.26	<u>6</u>
	Well ID: 1503800			
	4 CRYSTAL BEACH DR Ottawa ON	E	130.42	<u>17</u>
	Well ID: 7190962			
	4 CRYSTAL BEACH DR Ottawa ON	E	140.47	<u>28</u>
	Well ID: 7190963			
	lot 12 con 1 ON	WNW	164.29	<u>31</u>
	Well ID: 1503804			
	lot 12 con 1 ON	WNW	181.05	<u>33</u>
	Well ID: 1503794			
	lot 13 con 1 ON	ENE	185.62	<u>35</u>
	Well ID: 1503824			
	lot 13 con 1 ON	NNE	214.99	<u>39</u>
	Well ID: 1503809			
	lot 13 con 1 ON	E	215.33	<u>40</u>
	Well ID: 1503819			
	lot 13 con 1 ON	NNE	227.26	<u>43</u>
	Well ID: 1504678			

lot 12 con 1 ON	Ν	228.49	<u>45</u>
Well ID: 1503801			
IN FRONT OF 3-5 CRYSTAL BEACH DRIVE Ottawa ON <i>Well ID:</i> 7263434	ESE	246.44	<u>48</u>

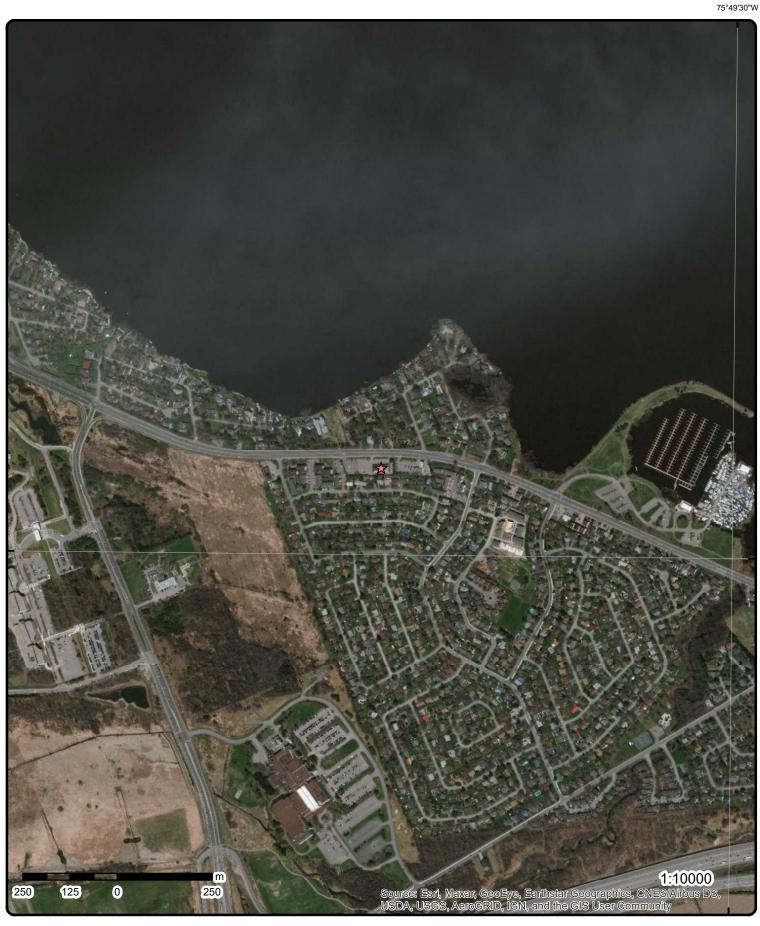




Source: © 2015 DMTI Spatial Inc.

45°21'N

© ERIS Information Limited Partnership



Aerial Year: 2015

Address: PE4556 -3430 Carling Ave, Ottawa, ON

Source: ESRI World Imagery

Order Number: 21012100004

45°21'N



© ERIS Information Limited Partnership



Topographic Map

Address: PE4556 -3430 Carling Ave, ON

Source: ESRI World Topographic Map

Order Number: 21012100004



© ERIS Information Limited Partnership

Detail Report

Map Key	Number Records			Site		D
<u>5</u>	1 of 1	W/72.5	63.9 / 0.00	lot 12 con 1 ON		WWI.
Well ID:		1503829		Data Entry Status:		
Constructio				Data Src:	1	
Primary Wa		Domestic		Date Received:	3/26/1951	
Sec. Water l		0		Selected Flag:	Yes	
Final Well S		Water Supply		Abandonment Rec:		
Water Type:				Contractor:	3718	
Casing Mate	erial:			Form Version:	1	
Audit No:				Owner:		
Tag: Constructio				Street Name:	OTT A) A/A	
Aethod:	n			County:	OTTAWA	
Elevation (n	n):			Municipality:	NEPEAN TOWNSHIP	
Elevation Re	,			Site Info:		
Depth to Be				Lot:	012	
Well Depth:				Concession:	01	
Overburden				Concession Name:	OF	
Pump Rate:				Easting NAD83:		
Static Water	· Level:			Northing NAD83:		
Flowing (Y/I	V):			Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloud	y:					
PDF URL (Ma	ap):	https://d2khaz	k8e83rdv.cloudfront.n	et/moe_mapping/downloads	s/2Water/Wells_pdfs/150\1503829.pdf	
Bore Hole In	formation					
Bore Hole IL	D:	10025872		Elevation:	64.490478	
DP2BR:		59		Elevrc:	10	
Spatial Stati	us:			Zone:	18	
Code OB:		r		East83:	434375.6	
Code OB De Open Hole:	esc:	Bedrock		North83:	5022412	
unon Holo	J.			Org CS:	0	
•		2/5/1051		UTMRC:	9 upknown LITM	
Cluster Kind		3/5/1951		UTMRC Desc: Location Method:	unknown UTM	
Cluster Kind Date Comple	etea:				p9	
Cluster Kind Date Comple Remarks:					r -	
Cluster Kind Date Comple Remarks: Elevrc Desc:					F -	
Cluster Kind Date Comple Remarks: Elevrc Desc: ocation Sol	urce Date:	Source:				
Cluster Kind Date Comple Remarks: Elevrc Desc: .ocation Sol mprovemen	urce Date: t Location \$					
Cluster Kind Date Comple Remarks: Elevrc Desc: .ocation Sol	urce Date: t Location S t Location I	Method:				

Overburden and Bedrock Materials Interval

Formation ID:	930997667
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2: Mat2 Desc: Mat3:					
Mat3 Desc:					
Formation To Formation Er		0 50			
Formation Er	nd Depth UOM:	ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID	:	930997669			
Layer: Color:		3			
General Colo	r.				
Mat1:		15			
Most Commo	on Material:	LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3: Mat3 Desc:					
Formation To	p Depth:	59			
Formation Er	nd Depth:	140			
Formation Er	nd Depth UOM:	ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID	:	930997668			
Layer:		2			
Color:					
General Colo Mat1:	r:	14			
Most Commo	n Material	HARDPAN			
Mat2:	in materiali				
Mat2 Desc:					
Mat3:					
Mat3 Desc:	n Donth	50			
Formation To Formation Er	nd Depth:	50 59			
	nd Depth UOM:	ft			
	nstruction & Well				
<u>Use</u>	(004500000			
Method Cons Method Cons	truction ID: truction Code:	961503829 1			
Method Cons		Cable Tool			
Other Method	Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10574442			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction</u>	Record - Casing				
Casing ID:		930044498			
Layer:		1			
Material:		1			

STEEL 65 4 inch ft 930044499 2 4 OPEN HOLE 140 4 inch ft 991503829 20 20 20 20				
4 inch ft 930044499 2 4 OPEN HOLE 140 4 inch ft 991503829 20				
4 inch ft 930044499 2 4 OPEN HOLE 140 4 inch ft 991503829 20				
inch ft 930044499 2 4 OPEN HOLE 140 4 inch ft 991503829 20				
ft 930044499 2 4 OPEN HOLE 140 4 inch ft 991503829 20				
930044499 2 4 OPEN HOLE 140 4 inch ft 991503829 20				
2 4 OPEN HOLE 140 4 inch ft 991503829 20				
2 4 OPEN HOLE 140 4 inch ft 991503829 20				
4 OPEN HOLE 140 4 inch ft 991503829 20				
OPEN HOLE 140 4 inch ft 991503829 20				
140 4 inch ft 991503829 20				
4 inch ft 991503829 20				
inch ft 991503829 20				
ft 991503829 20				
991503829 20				
20				
20				
20				
4				
ft				
GPM				
1				
CLEAR				
1				
1				
0 No				
NO				
933456824				
3				
1				
FRESH				
130				
ft				
933456823				
2				
FRESH 100				
ft				
933456822				
933456822 1				
1 1				
	1 1 FRESH	1 1 FRESH	1 1	1 1 FRESH

DI		Site	Elev/Diff (m)	Direction/ Distance (m)	Imber of ecords	Record	Map Key
				80 ft		nd Depth: nd Depth U(Water Fou Water Fou
WWI		lot 12 con 1 ON	63.9/0.03	NNE/46.9	1	1 of 1	<u>1</u>
	1	Data Entry Status: Data Src:		03798	150379	ion Date:	Well ID: Constructi
	1/7/1953	Date Received:		mestic	e: Domes	ater Use:	Primary W
	Yes	Selected Flag:			0		Sec. Water
	0740	Abandonment Rec:		ater Supply	Water		Final Well
	3718 1	Contractor: Form Version:					Water Type
	I	Form version: Owner:				terial:	Casing Ma Audit No:
		Street Name:					Tag:
	OTTAWA	County:			hod:	ion Method:	•
	NEPEAN TOWNSHIP	Municipality:				(m):	Elevation (
		Site Info:			ity:	Reliability:	Elevation H
	012	Lot:			:		Depth to B
	01	Concession:			_		Well Depth
	OF	Concession Name:			ock:	n/Bedrock:	
		Easting NAD83: Northing NAD83:					Pump Rate Static Wate
		Zone:			-		Flowing (Y
		UTM Reliability:					Flow Rate:
		· ····,·					Clear/Clou
798.pdf	/2Water/Wells_pdfs/150\15037	et/moe mapping/downloads	rdv.cloudfront.n	https://d2khazk8e83		Man):	PDF URL (

Bore Hole Information

Bore Hole ID:	10025841	Elevation:	64.581092
DP2BR:	45	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	434465.6
Code OB Desc:	Bedrock	North83:	5022447
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	12/24/1952	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date	:		

Overburden and Bedrock Materials Interval

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

Formation ID:	930997594
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	 DB
<u>Overburden a</u> Materials Inte					
Formation ID Layer: Color:	:	930997597 4			
General Colo Mat1: Most Commo		15 LIMESTONE			
Mat2: Mat2 Desc: Mat3: Mat3 Desc:					
Formation To Formation Er Formation Er	op Depth: nd Depth: nd Depth UOM:	45 103 ft			
<u>Overburden a</u> Materials Inte					
Formation ID Layer: Color:		930997596 3			
General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3:		09 MEDIUM SAND			
Mat3 Desc: Formation To Formation Er	op Depth: nd Depth: nd Depth UOM:	40 45 ft			
<u>Overburden a</u> Materials Inte					
Formation ID Layer: Color: General Colo Mat1:	r:	930997595 2 4 GREEN 05			
Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc:	on Material:	CLAY			
Formation To Formation Er Formation Er	op Depth: nd Depth: nd Depth UOM:	10 40 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	truction Code:	961503798 1 Cable Tool			

Pipe Information

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID: Casing No: Comment: Alt Name:		10574411 1			
Constructior	Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam	eter:	930044436 1 STEEL 27 5 inch			
Casing Dept	h UOM:	ft			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	eter: eter UOM:	930044437 2 4 OPEN HOLE 103 5 inch ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test II Pump Set At Static Level: Final Level A Recommend Pumping Rate Flowing Rate Recommend Levels UOM: Rate UOM:	D: fter Pumping: ed Pump Depth: te: ed Pump Rate: After Test Code: After Test: St Method: ration HR:	991503798 6 16 5 ft GPM 1 CLEAR 1 0 10 No			
Water Details	5				
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	933456781 2 1 FRESH 50 ft			
Water Details	5				
Water ID: Layer: Kind Code:		933456782 3 1			
33	erisinfo.com En	vironmental Risk Info	rmation Service	S	Order No: 21012100004

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Kind:		FRESH				
Water Found L	Depth:	80				
Nater Found L	Depth UOM:	ft				
Water Details						
Water ID:		933456780				
Layer:		955450760				
Layer. Kind Code:		1				
Kind:		FRESH				
Water Found L	Donth	30				
Water Found L		ft				
<u>2</u>	1 of 1	NNE/47.1	63.9/0.03	ON		BOR
Borehole ID:	61	0860		Inclin FLG:	No	
OGF ID:	21	5512370		SP Status:	Initial Entry	
Status:				Surv Elev:	No	
Туре:	Во	rehole		Piezometer:	No	
Use:				Primary Name:		
Completion Da	ate: DE	C-1952		Municipality:		
Static Water Lo				Lot:		
Primary Water	[,] Use:			Township:		
Sec. Water Use	e:			Latitude DD:	45.352472	
Total Depth m:				Longitude DD:	-75.836639	
Depth Ref:	Gr	ound Surface		UTM Zone:	18	
Depth Elev:				Easting:	434466	
Drill Method:				Northing:	5022447	
Orig Ground E				Location Accuracy:		
Elev Reliabil N				Accuracy:	Not Applicable	
DEM Ground E	Elev m: 64	.6				
Concession:						
Location D:						
Survey D: Comments:						
comments:						
Borehole Geol	logy Stratum					
Geology Strati		8386750		Mat Consistency:		
Top Depth:	0			Material Moisture:		
Bottom Depth:				Material Texture:		
Material Color.		own		Non Geo Mat Type:		
Material 1:	Cla	ау		Geologic Formation:		
Material 2:				Geologic Group:		
Material 3:				Geologic Period:		
Material 4:				Depositional Gen:		
Gsc Material D Stratum Descr	•	CLAY. BROWN.				
Geology Strati	-	8386751		Mat Consistency:		
Top Depth:	3			Material Moisture:		
Bottom Depth:		.2		Material Texture:		
		een		Non Geo Mat Type:		
Material Color:	Cla			Geologic Formation:		
				Geologic Group:		
Material Color: Material 1: Material 2:						
Material 1:				Geologic Period:		
<i>Material 1: Material 2: Material 3:</i>				Depositional Gen:		
Material 1: Material 2:	Description:					
Material 1: Material 2: Material 3: Material 4:	-	CLAY. GREEN.				
Material 1: Material 2: Material 3: Material 4: Gsc Material D	ription:	8386752				

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	D
Bottom Depth Material Color Material 1: Material 2: Material 3: Material 4:		13.7 Sand			Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Gsc Material L Stratum Desci			SAND.		Depositional Gen.	
Silaluiii Desci	приоп.		SAND.			
Geology Strat	tum ID:	21838675	3		Mat Consistency:	Loose
op Depth:		13.7 31.4			Material Moisture:	
Bottom Depth Material Color		31.4			Material Texture: Non Geo Mat Type:	
Material 1:	•	Limestone	9		Geologic Formation:	
Material 2:					Geologic Group:	
Material 3:					Geologic Period:	
Material 4:	Decertation				Depositional Gen:	
Gsc Material L Stratum Desci					K,DOLOMITE. 00000 030 00 tment have a truncated [Stra	0000025Y,SAND. VERY LOOSE. UN **Note: tum Description] field.
<u>Source</u>						
Source Type:		Data Surv	rey		Source Appl:	Spatial/Tabular
Source Orig:		Geologica	I Survey of Canada		Source Iden:	1
Source Date:		1956-1972	2		Scale or Res:	Varies
Confidence: Observatio:					Horizontal: Verticalda:	NAD27 Maan Average See Level
Joservatio:				mated Informati	on System (UGAIS)	Mean Average Sea Level
Sourco Namo						
Source Name: Source Detail: Confiden 1:			File: OTTAWA1.txt			
Source Details						
Source Details Confiden 1:	s:					NAD27
Source Details Confiden 1: <u>Source List</u>	s:		File: OTTAWA1.txt		NTS_Sheet:	NAD27 Mean Average Sea Level
Source Details Confiden 1: Source List Source Identif Source Type: Source Date:	s: fier:	1 Data Surv 1956-1972	File: OTTAWA1.txt		NTS_Sheet: Horizontal Datum:	
Source Details Confiden 1: Source List Source Identif Source Type: Source Date: Scale or Reso	s: fier: vlution:	1 Data Surv 1956-1972 Varies	File: OTTAWÂ1.txt ey 2	RecordID: 03368	NTS_Sheet: Horizontal Datum: Vertical Datum: Projection Name:	Mean Average Sea Level
Source Details Confiden 1: Source List Source Identif Source Type: Source Date:	s: fier: lution: :	1 Data Surv 1956-1972 Varies	File: OTTAWÂ1.txt ey 2	RecordID: 03368	NTS_Sheet: Horizontal Datum: Vertical Datum:	Mean Average Sea Level
Source Details Confiden 1: Source Identif Source Type: Source Date: Scale or Reso Source Name: Source Origin	s: fier: lution: :	1 Data Surv 1956-1972 Varies	File: OTTAWA1.txt ey 2 Urban Geology Auto	RecordID: 03368	NTS_Sheet: Horizontal Datum: Vertical Datum: Projection Name:	Mean Average Sea Level
Source Details Confiden 1: Source List Source Identif Source Type: Source Date: Source Oate: Source Origin <u>3</u> Well ID:	s: fier: lution: : aators: 1 of 1	1 Data Surv 1956-1972 Varies	File: OTTAWA1.txt ey 2 Urban Geology Auto Geological Survey o	RecordID: 03368 omated Information of Canada	Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) lot 12 con 1 ON Data Entry Status:	Mean Average Sea Level Universal Transverse Mercator
Source Details Confiden 1: Source List Source Identif Source Type: Source Date: Source Oate: Source Origin <u>3</u> Well ID: Construction	s: fier: lution: mators: 1 of 1 Date:	1 Data Surv 1956-1972 Varies 1503799	File: OTTAWA1.txt ey 2 Urban Geology Auto Geological Survey o	RecordID: 03368 omated Information of Canada	Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) Iot 12 con 1 ON Data Entry Status: Data Src:	Mean Average Sea Level Universal Transverse Mercator
Source Details Confiden 1: Source List Source Identif Source Type: Source Date: Source Date: Source Origin <u>3</u> Well ID: Construction Primary Water	s: fier: lution: mators: 1 of 1 Date: r Use:	1 Data Surv 1956-1973 Varies 1503799 Domestic	File: OTTAWA1.txt ey 2 Urban Geology Auto Geological Survey o	RecordID: 03368 omated Information of Canada	Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) Iot 12 con 1 ON Data Entry Status: Data Src: Date Received:	Mean Average Sea Level Universal Transverse Mercator <i>ww</i> 1 6/15/1953
Source Details Confiden 1: Source List Source Identif Source Date: Scale or Reso Source Name: Source Origin <u>3</u> Vell ID: Construction Primary Water Sec. Water Us	s: fier: flution: ators: 1 of 1 Date: r Use: se:	1 Data Surv 1956-1972 Varies 1503799	File: OTTAWA1.txt 2 Urban Geology Auto Geological Survey o	RecordID: 03368 omated Information of Canada	Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) Iot 12 con 1 ON Data Entry Status: Data Src:	Mean Average Sea Level Universal Transverse Mercator
Source Details Confiden 1: Source List Source Identif Source Date: Source Origin 3 <u>3</u> Well ID: Construction Primary Water Sec. Water Us Final Well Sta Vater Type:	s: fier: lution: : ators: 1 of 1 Date: r Use: se: tus:	1 Data Surv 1956-1972 Varies 1503799 Domestic 0	File: OTTAWA1.txt 2 Urban Geology Auto Geological Survey o	RecordID: 03368 omated Information of Canada	Horizontal Datum: Vertical Datum: Vertical Datum: Projection Name: on System (UGAIS) Iot 12 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag:	Mean Average Sea Level Universal Transverse Mercator <i>ww</i> 1 6/15/1953
Source Details Confiden 1: Source List Source Identif Source Date: Source Oragin Gource Name: Source Origin <u>3</u> Well ID: Construction Frimary Water Sec. Water Us Final Well Sta Vater Type: Casing Materi	s: fier: lution: : ators: 1 of 1 Date: r Use: se: tus:	1 Data Surv 1956-1972 Varies 1503799 Domestic 0	File: OTTAWA1.txt 2 Urban Geology Auto Geological Survey o	RecordID: 03368 omated Information of Canada	Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) Iot 12 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	Mean Average Sea Level Universal Transverse Mercator WW 1 6/15/1953 Yes
Source Details Confiden 1: Source List Source Identif Source Date: Source Date: Source Name: Source Origin <u>3</u> Well ID: Construction Primary Water Sec. Water Us Final Well Sta Vater Type: Casing Materi Audit No:	s: fier: lution: : ators: 1 of 1 Date: r Use: se: tus:	1 Data Surv 1956-1972 Varies 1503799 Domestic 0	File: OTTAWA1.txt 2 Urban Geology Auto Geological Survey o	RecordID: 03368 omated Information of Canada	Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) lot 12 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	Mean Average Sea Level Universal Transverse Mercator 1 6/15/1953 Yes 3566
Source Details Confiden 1: Source List Source Identif Source Date: Source Date: Source Name: Source Origin 3 3 Well ID: Construction Primary Water Sec. Water Us Sinal Well Sta Vater Type: Casing Materi Audit No: Fag:	s: fier: lution: ators: 1 of 1 Date: r Use: se: tus: ial:	1 Data Surv 1956-1972 Varies 1503799 Domestic 0	File: OTTAWA1.txt 2 Urban Geology Auto Geological Survey o	RecordID: 03368 omated Information of Canada	Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) Iot 12 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name:	Mean Average Sea Level Universal Transverse Mercator 1 6/15/1953 Yes 3566 1
Source Details Confiden 1: Source List Source Identif Source Type: Source Date: Source Origin 3 Source Origin 3 Source Origin 3 Source Origin 3 Source Origin 3 Source Vater Us Sinal Well Stat Vater Type: Casing Materi Audit No: Fag: Construction	s: fier: ulution: ators: 1 of 1 Date: r Use: se: tus: ial: Method:	1 Data Surv 1956-1972 Varies 1503799 Domestic 0	File: OTTAWA1.txt 2 Urban Geology Auto Geological Survey o	RecordID: 03368 omated Information of Canada	Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) lot 12 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	Mean Average Sea Level Universal Transverse Mercator 1 6/15/1953 Yes 3566
Source Details Confiden 1: Source List Source Identif Source Type: Source Date: Source Oate: Source Origin <u>3</u> Nell ID: Construction Primary Water Sec. Water Usta Water Type: Casing Materi Audit No: Tag: Construction (m): Elevation (m):	s: fier: lution: ators: 1 of 1 Date: r Use: se: tus: jal: Method:	1 Data Surv 1956-1972 Varies 1503799 Domestic 0	File: OTTAWA1.txt 2 Urban Geology Auto Geological Survey o	RecordID: 03368 omated Information of Canada	Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	Mean Average Sea Level Universal Transverse Mercator 1 6/15/1953 Yes 3566 1 OTTAWA NEPEAN TOWNSHIP
Source Details Confiden 1: Source List Source Identif Source Type: Source Date: Source Ortes Source Ortes Source Origin <u>3</u> Nell ID: Construction Frimary Water Sec. Water Us Final Well Sta Vater Type: Casing Materi Audit No: Tag: Construction Elevation (m): Elevation Reli Depth to Bedr	s: fier: lution: ators: 1 of 1 Date: r Use: se: tus: jal: Method:	1 Data Surv 1956-1972 Varies 1503799 Domestic 0	File: OTTAWA1.txt 2 Urban Geology Auto Geological Survey o	RecordID: 03368 omated Information of Canada	Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) Iot 12 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	Mean Average Sea Level Universal Transverse Mercator ////////////////////////////////////
Source Details Confiden 1: Source List Source Identif Source Type: Source Date: Source Origin Source Origin 3 Nell ID: Construction Frimary Water Soc. Water Use Final Well Stat Vater Type: Casing Materia Vater Type: Casing Materia Construction Mell Section (m): Elevation Relia Depth to Bedr Well Depth:	s: fier: /ution: : ators: 1 of 1 Date: r Use: se: tus: fal: fal: Method: fability: rock:	1 Data Surv 1956-1972 Varies 1503799 Domestic 0	File: OTTAWA1.txt 2 Urban Geology Auto Geological Survey o	RecordID: 03368 omated Information of Canada	Horizontal Datum: Vertical Datum: Vertical Datum: Projection Name: on System (UGAIS) Iot 12 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession:	Mean Average Sea Level Universal Transverse Mercator 1 6/15/1953 Yes 3566 1 OTTAWA NEPEAN TOWNSHIP 012 01
Source Details Confiden 1: Source List Source Identif Source Type: Source Date: Scale or Reso Source Name: Source Origin <u>3</u> Well ID: Construction Primary Water Sec. Water Us Final Well Stat Water Type: Casing Materi Audit No: Tag: Construction (m): Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B	s: fier: /ution: : ators: 1 of 1 Date: r Use: se: tus: fal: fal: Method: fability: rock:	1 Data Surv 1956-1972 Varies 1503799 Domestic 0	File: OTTAWA1.txt 2 Urban Geology Auto Geological Survey o	RecordID: 03368 omated Information of Canada	Horizontal Datum: Vertical Datum: Vertical Datum: Projection Name: on System (UGAIS) 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:	Mean Average Sea Level Universal Transverse Mercator ////////////////////////////////////
Source Details Confiden 1: Source Identif Source Identif Source Type: Source Date: Scale or Reso Source Name: Source Origin	s: fier: fution: ators: 1 of 1 Date: r Use: se: tus: fal: fability: ock: Bedrock:	1 Data Surv 1956-1972 Varies 1503799 Domestic 0	File: OTTAWA1.txt 2 Urban Geology Auto Geological Survey o	RecordID: 03368 omated Information of Canada	Horizontal Datum: Vertical Datum: Vertical Datum: Projection Name: on System (UGAIS) Iot 12 con 1 ON 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:	Mean Average Sea Level Universal Transverse Mercator 1 6/15/1953 Yes 3566 1 OTTAWA NEPEAN TOWNSHIP 012 01
Source Details Confiden 1: Source List Source Identif Source Date: Source Date: Source Name: Source Name: Source Origin <u>3</u> <i>Nell ID:</i> Construction Sec. Water Us Final Well Stat Water Type: Casing Materi Audit No: Fag: Construction Elevation Reli Depth to Bedr Nell Depth: Dverburden/B Pump Rate:	s: fier: lution: ators: 1 of 1 Date: r Use: se: tus: ial: Method: ability: ock: Bedrock: evel:	1 Data Surv 1956-1972 Varies 1503799 Domestic 0	File: OTTAWA1.txt 2 Urban Geology Auto Geological Survey o	RecordID: 03368 omated Information of Canada	Horizontal Datum: Vertical Datum: Vertical Datum: Projection Name: on System (UGAIS) 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:	Mean Average Sea Level Universal Transverse Mercator 1 6/15/1953 Yes 3566 1 OTTAWA NEPEAN TOWNSHIP 012 01

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Clear/Cloudy:						
PDF URL (Map	o):	https://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/download	ls/2Water/Wells_pdfs/150\1503799.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	x C: Unkno ed: 5/11/1 rce Date:	own type in the lower lay 953	vers(s)	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	64.593032 18 434470.6 5022447 9 unknown UTM p9	
Overburden an Materials Inter						
Formation ID: Layer: Color: General Color Mat1: Most Commor Mat2:		930997599 2 14 HARDPAN				
Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End Formation End	d Depth:	30 43 ft				
<u>Overburden a</u> <u>Materials Inter</u>						
Formation ID: Layer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3:	:	930997598 1 05 CLAY				
Mat3: Mat3 Desc: Formation Top Formation End Formation End	d Depth:	0 30 ft				
<u>Overburden al</u> Materials Inter						
Formation ID: Layer: Color:		930997600 3 0				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Colo Mat1:	r:	00			
Most Commo	n Material:	UNKNOWN TYPE			
Mat2:		00			
Mat2 Desc:		UNKNOWN TYPE			
Mat3: Mat3 Desc:		00 UNKNOWN TYPE			
Formation To	op Depth:	43			
Formation Er	nd Depth:	100			
Formation Er	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons		961503799			
	truction Code:	1			
Method Cons Other Method	truction: Construction:	Cable Tool			
<u>Pipe Informa</u>	tion				
Pipe ID:		10574412			
Casing No:		1			
Comment: Alt Name:					
<u>Construction</u>	Record - Casing				
Casing ID:		930044438			
Layer: Material:		1			
Open Hole or Depth From:	Material:	STEEL			
Depth To:		43			
Casing Diam		5			
Casing Diam Casing Depth		inch ft			
<u>Results of We</u>	ell Yield Testing				
Pump Test ID Pump Set At:		991503799			
Static Level:		18			
	fter Pumping:	26			
Pumping Rat	ed Pump Depth:	7			
Flowing Rate		1			
Recommende	ed Pump Rate:				
Levels UOM:		ft GPM			
Rate UOM: Water State A	After Test Code:	GPM 1			
Water State A		CLEAR			
Pumping Tes		1			
Pumping Dur		0 30			
Pumping Dur Flowing:	ation min:	No			
Water Details	1				
Water ID:		933456783			
Layer: Kind Code:		1 1			

		Direction/ Distance (m)	Elev/Diff (m)	Site		DI
		FRESH				
Depth:		60				
Depth UON	1:	ft				
		-				
		FRESH				
Depth:		100				
Depth UON	1:	ft				
1 of 1		E/70.1	63.9/0.00	3420 CARLING AVE Ottawa ON		wwi
	7204222					
Date	1204222					
	Monitoria	a and Tast Lisia			7/5/2012	
	wonitorin	g and Test Hole				
					res	
tus:	Test Hole	1				
				Contractor:	7241	
ial:				Form Version:	7	
	Z168614			Owner:		
	A146648			Street Name:	3420 CARLING AVE	
Method:				County:	OTTAWA	
				•	NEPEAN TOWNSHIP	
oon.						
Podrock:						
seurock.						
:						
				UTM Reliability:		
p):		https://d2khazk8e8	3rdv.cloudfront.n	et/moe_mapping/downloads/2	2Water/Wells_pdfs/720\7204222.pdf	
ormation						
	10043958	360		Elevation:	64.401229	
					40	
52						
_						
C:						
ed:	5/28/2013	3			-	
				Location Method:	wwr	
rce Date:						
ment:						
nd Bedroc	<u>k</u>					
<u>rval</u>						
		1004809369				
<u>rvai</u>		1004809369 2				
		1004809369 2				
	Records	Depth UOM: Depth: Depth UOM: 1 of 1 7204222 Date: r Use: Monitoring se: r Use: Monitoring se: r Use: Monitoring se: r Use: Monitoring se: res: tus: Test Hole al: Z168614 A146648 Method: ability: rock: Bedrock: seedrock: seedrock: seedrock: seedrock: formation 10043958 forma	Records Distance (m) Depth: 60 Depth UOM: ft 933456784 2 1 1 Pepth: 100 Depth UOM: ft 1 of 1 E/70.1 7204222 FRESH Depth: 100 Test Hole 1 al: 2168614 A146648 A146648 Method: A146648 Method: 1 ability: rock: bol: https://d2khazk8e8 prmation 1004395860 :: 1004395860	Records Distance (m) (m) Depth: 60 Depth UOM: ft 933456784 2 1 FRESH Depth: 10 Depth: 100 Depth: 100 Depth: 100 Depth: 63.9 / 0.00 7204222 FRESH Date: Monitoring and Test Hole rUse: Monitoring and Test Hole al: 2168614 A146648 A146648 Method: A146648 Method: Intps://d2khazk8e83rdv.cloudfront.nt p): https://d2khazk8e83rdv.cloudfront.nt pop: https://d2khazk8e83rdv.cloudfront.nt pop: 5/28/2013	Records Distance (m) (m) Pepth: FRESH Depth: 60 Depth UOM: ft 933456784 2 1 FRESH Depth: 100 T204222 Date Entry Status: Date: Value ON Vise: Monitoring and Test Hole al: Z168614 A148648 Street Name: Contractor: Concession: cock: Concession: cock: Concession Name: eavel: Site Info: cock: Concession Name: correation Concession Name: core: Zone: core: Zone: core: Zone: core:	Records Distance (m) (m) Depth: FRESH Depth UOM: FRESH t 933456784 2 1 FRESH Depth UOM: 933456784 2 1 FRESH Depth UOM: 933456784 2 1 FRESH Depth: Depth: 00 Dete: Date Entry Status: Date Received: 1041 E70.1 6: Contractor: 1051 Contractor: 11 Easting NAD33: 11 Form Version: 12 Form Version: 12 Concession: 12 Concession: 12 Easting NAD33: 12 Concession: 1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Color:		2			
General Color	:	GREY			
Mat1:		06			
Most Commo	n Material:	SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation To	p Depth:	.31			
Formation En Formation En	a Deptn: d Depth UOM:	1.5 m			
<u>Overburden a</u> Materials Inte					
Formation ID:		1004809370			
Layer:		3			
Color:		2			
General Color	:	GREY			
Mat1:		06			
Most Commo	n Material:	SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation To Formation En		1.5 4.57			
	d Depth UOM:	4.57 M			
<u>Overburden a</u> Materials Inte					
Formation ID:		1004809368			
Layer:		1004609306			
Color:		8			
General Color		BLACK			
Mat1:		02			
Most Commo	n Material:	TOPSOIL			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation To	p Depth:	0			
Formation En	d Depth:	.31			
Formation En	d Depth UOM:	m			
<u>Annular Spac</u> Sealing Recol	e/Abandonment_ rd				
Plug ID:		1004809379			
Layer:		2			
Plug From:		0.31			
Plug To:		1.22			
Plug Depth U	ОМ:	m			
<u>Annular Spac</u> Sealing Recol	<u>e/Abandonment</u> r <u>d</u>				
Plug ID:		1004809378			
Layer:		1			
Plug From:		0			
riug riom.		-			
Plug To:		0.31			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth U	ОМ:	m			
<u>Annular Spac</u> <u>Sealing Reco</u>	e/Abandonment rd				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1004809380 3 1.22 4.57 m			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction Code:	1004809377 B Other Method			
Pipe Informat	ion				
Pipe ID: Casing No: Comment: Alt Name:		1004809367 0			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	eter: eter UOM:	1004809373 1 5 PLASTIC 0 1.5 4.03 cm m			
<u>Construction</u>	Record - Screen				
Screen ID: Layer: Slot: Screen Top D Screen End D Screen Mater Screen Depth Screen Diame	Depth: ial: UOM: Deter UOM:	1004809374 1 10 1.5 4.57 5 m cm 4.82			
Water Details					
Water ID: Layer: Kind Code: Kind:		1004809372			
Water Found Water Found		m			

Hole Diameter

_

	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Hole ID:		1004809371				
Diameter:		8.25				
Depth From:		0				
Depth To:		4.57				
Hole Depth UOM	-	m				
Hole Diameter U		cm				
<u>6</u> 1 o	of 1	WSW/83.3	63.8/-0.03	lot 12 con 1 ON		ww
Well ID:	150	03800		Data Entry Status:		
Construction Dat				Data Src:	1	
Primary Water Us		mmerical		Date Received:	6/15/1953	
Sec. Water Use:	0	linionidal		Selected Flag:	Yes	
Final Well Status	-	ter Supply		Abandonment Rec:	105	
Water Type:				Contractor:	3566	
Casing Material:				Form Version:	1	
Audit No:				Owner:	•	
Tag:				Street Name:		
ray: Construction Me	thod.			County:	OTTAWA	
Elevation (m):				Municipality:	NEPEAN TOWNSHIP	
Elevation (m): Elevation Reliabi	ilitur-			Site Info:		
Depth to Bedrock				Lot:	012	
Well Depth:	n.			Concession:	012	
overburden/Bedi	rock			Concession Name:	OF	
	IOCK.				01	
Pump Rate:	-1			Easting NAD83:		
Ctatia Matan I ave				Northing NAD83:		
	ei:					
Static Water Leve Flowing (Y/N):	ei:			Zone:		
Flowing (Y/N): Flow Rate: Clear/Cloudy:	er:			UTM Reliability:		
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):		https://d2khazk8e8	33rdv.cloudfront.ne	UTM Reliability:	s/2Water/Wells_pdfs/150\1503800.p	df
	nation	https://d2khazk8e8	33rdv.cloudfront.ne	UTM Reliability:	s/2Water/Wells_pdfs/150\1503800.pr 64.565086	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID:	nation		33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads		df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR:	<u>nation</u> 100		33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation:		df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): <u>Bore Hole Inform</u> Bore Hole ID: DP2BR: Spatial Status:	<u>nation</u> 100		33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone:	64.565086 18	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR:	n <u>ation</u> 100 35 r		33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc:	64.565086	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): <u>Bore Hole Inform</u> Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc:	n <u>ation</u> 100 35 r)25843	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83:	64.565086 18 434370.6	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	n <u>ation</u> 100 35 r)25843	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83:	64.565086 18 434370.6	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	n <u>ation</u> 100 35 r Bed)25843	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS:	64.565086 18 434370.6 5022372 9	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	n <u>ation</u> 100 35 r Bed)25843 drock	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	64.565086 18 434370.6 5022372	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks:	n <u>ation</u> 100 35 r Bed)25843 drock	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.565086 18 434370.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:	n <u>ation</u> 100 35 r Beo 5/2)25843 drock	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.565086 18 434370.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source	nation 100 35 r Beo 5/2 Date:	025843 drock 7/1953	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.565086 18 434370.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loo	nation 100 35 r Beo 5/2 Date: cation Source	025843 drock 7/1953 ce:	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.565086 18 434370.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB Desc: Code OB Desc: Code OB Desc: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loo	nation 100 35 r Bed 5/2 Date: cation Sourc	025843 drock 7/1953 ce:	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.565086 18 434370.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loo	nation 100 35 r Bed 5/2 Date: cation Sourc cation Meth Comment:	025843 drock 7/1953 ce:	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.565086 18 434370.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loo Source Revision Supplier Comment	nation 100 35 r Bed 5/2 Date: cation Sourc cation Meth Comment: nt: Bedrock	025843 drock 7/1953 ce:	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.565086 18 434370.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Comment Supplier Comment Materials Interval	nation 100 35 r Bed 5/2 Date: cation Sourc cation Meth Comment: nt: Bedrock)25843 drock 7/1953 ce: od:	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.565086 18 434370.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loo Source Revision Supplier Comment Supplier Comment S	nation 100 35 r Bed 5/2 Date: cation Sourc cation Meth Comment: nt: Bedrock	025843 drock 7/1953 ce: od: 930997603	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.565086 18 434370.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Comment Source Revision Supplier Comment Source Revision Supplier Comment Source Revision Supplier Comment Source Revision Supplier Comment Source Revision	nation 100 35 r Bed 5/2 Date: cation Sourc cation Meth Comment: nt: Bedrock)25843 drock 7/1953 ce: od:	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.565086 18 434370.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB Desc: Code OB Desc: Code OB Desc: Code OB Desc: Code OB Desc: Code OB Desc: Location Source Improvement Loc Source Revision Supplier Comment Source Revision Source Revi	nation 100 35 r Bed 5/2 Date: cation Sourc cation Meth Comment: nt: Bedrock	025843 drock 7/1953 ce: od: 930997603	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.565086 18 434370.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB Desc: Code OB Desc: Code OB Desc: Code OB Desc: Code OB Desc: Location Source Remarks: Elevrc Desc: Location Source Improvement Loo Source Revision Supplier Comment Source Revision Supplier Comment Materials Interval Formation ID: Layer: Color: General Color:	nation 100 35 r Bed 5/2 Date: cation Sourc cation Meth Comment: nt: Bedrock	930997603 3	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.565086 18 434370.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Comment Supplier Comment Materials Interval Formation ID: Layer: Color: General Color: Mat1:	nation 100 35 r Bed 5/2 Date: cation Sourc cation Meth Comment: ont: <u>Bedrock</u> <u>I</u>	930997603 3 15	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.565086 18 434370.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Commen Supplier Commen Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common M	nation 100 35 r Bed 5/2 Date: cation Sourc cation Meth Comment: ont: <u>Bedrock</u> <u>I</u>	930997603 3	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.565086 18 434370.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Comment Source Revision Supplier Comment Materials Interval Formation ID: Layer: Color: General Color: Mat1:	nation 100 35 r Bed 5/2 Date: cation Sourc cation Meth Comment: ont: <u>Bedrock</u> <u>I</u>	930997603 3 15	33rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.565086 18 434370.6 5022372 9 unknown UTM	df

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3: Mat3 Desc: Formation To Formation El Formation El	op Depth: nd Depth: nd Depth UOM:	35 118 ft			
<u>Overburden</u> Materials Inte	and Bedrock erval				
Formation IE Layer: Color: General Colo Mat1: Most Commo Mat2:	or:	930997601 1 05 CLAY			
Mat2 Desc: Mat3: Mat3 Desc: Formation Te Formation El Formation El	op Depth: nd Depth: nd Depth UOM:	0 25 ft			
Overburden Materials Inte	and Bedrock erval				
Formation ID Layer: Color: General Colo		930997602 2			
Mat1: Most Commo Mat2: Mat2 Desc: Mat3:		14 HARDPAN			
Mat3 Desc: Formation To Formation El Formation El	op Depth: nd Depth: nd Depth UOM:	25 35 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	961503800 1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10574413 1			
<u>Constructior</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From:		930044439 1 1 STEEL			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To: Casing Diam Casing Diam Casing Deptl	eter UOM:	37 6 inch ft			
<u>Construction</u>	Record - Casing				
Casing ID:		930044440			
Layer:		2			
Material:		4			
Open Hole of		OPEN HOLE			
Depth From:		118			
Depth To: Casing Diam	otor.	6			
Casing Diam		inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test IL	D:	991503800			
Pump Set At.					
Static Level:		15			
	fter Pumping:	26			
Pumping Rat	ed Pump Depth:	8			
Flowing Rate		0			
	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
	After Test Code:				
Water State A Pumping Tes		CLEAR 1			
Pumping Du		0			
Pumping Du		30			
Flowing:		No			
Water Details	5				
Water ID:		933456786			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found		118 #			
water Found	Depth UOM:	ft			
Water Details	5				
Water ID:		933456785			
Layer:		1			
Kind Code:		1			
Kind:	Dowth	FRESH			
Water Found Water Found	Depth UOM:	60 ft			
<u>7</u>	1 of 14	E/84.7	63.9 / 0.00	MACEWEN PETROLEUM INC 3420 CARLING AVE NEPEAN ON K2H 5B1	RST
Headcode: Headcode De Phone: List Name:	esc:	01186800 SERVICE STATION	NS-GASOLINE, O	IL & NATURAL GAS	
43	erisinfo.com En	vironmental Risk Info	ormation Service	25	Order No: 21012100004

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DI
Description:					
<u>7</u>	2 of 14	E/84.7	63.9 / 0.00	RALPH & SONS DINER LTD 3420 CARLING AV NEPEAN ON K2H 5B1	FSTH
License Issu Tank Status: Tank Status Operation Ty Facility Type	As Of: /pe:	1/26/2004 Licensed August 2007 Retail Fuel Outlet Gasoline Station - S	Self Serve		
<u>Details</u> Status: Year of Insta Corrosion Pi Capacity:	rotection:	Active 1995 35000			
Tank Fuel Ty Status:	-	Active	Wall UST - Gasoline		
Year of Insta Corrosion Pı Capacity: Tank Fuel Ty	rotection:	1995 35000 Liquid Fuel Double	Wall UST - Gasoline		
Status: Year of Insta Corrosion Pi		Active 1995			
Capacity: Tank Fuel Ty		35000 Liquid Fuel Double	Wall UST - Gasoline	•	
Status: Year of Insta Corrosion Pı Capacity:		Active 1995 15000			
Capacity. Tank Fuel Ty	/pe:		Wall UST - Gasoline	3	
<u>7</u>	3 of 14	E/84.7	63.9 / 0.00	RALPH & SONS DINER LTD 3420 CARLING AV NEPEAN ON K2H 5B1	FSTI
License Issu		1/26/2004 11:06:00	AM		
Tank Status: Tank Status		Licensed December 2008			
Operation Ty		Retail Fuel Outlet			
Facility Type		Gasoline Station - S	Self Serve		
Details		A otivio			
Status: Year of Insta	llation:	Active 1995			
Corrosion Pr					
Capacity: Tank Fuel Ty	(no:	35000 Liquid Fuel Double	Wall UST - Gasoline		
-	ihe.			,	
	ullation.	Active 1995			
Status: Year of Insta		1000			
Year of Insta	rotection:				
Year of Insta Corrosion Pr Capacity:		35000			
Year of Insta Corrosion Pi			Wall UST - Gasoline	9	

	lumber of Records	Direction, Distance		Site		DB
Year of Installati Corrosion Prote Capacity: Tank Fuel Type:	ction:	1995 35000 Liquid Fuel Do	uble Wall UST - Gase	oline		
Status: Year of Installati Corrosion Prote Capacity:		Active 1995 15000				
Tank Fuel Type:			ouble Wall UST - Gase	oline		
7 40	of 14	E/84.7	63.9 / 0.00		ER LTD EPEAN K2H 5B1 ON CA EPEAN K2H 5B1 ON CA	FST
Instance No: Status: Cont Name: Instance Type: Item: Item Description Tank Type: Install Date: Install Year: Years in Service Model: Description: Capacity: Tank Material: Corrosion Protee Overfill Protect: Facility Type: Parent Facility T Facility Location Device Installed	Ac FS FS Do 6/2 19 c: 1.8 NU 25 Ste ct: Sa Cype: n: Location: mk Details	JLL 000 eel acrificial anode FS Liquid Fue FS Gasoline S 3420 CARLIN 3420 CARLIN			NULL NULL 1 EA Gasoline NULL NULL NULL	
Liquid Fuel Tanl	k Details					
Overfill Protection		JLL RALPH & SOI	NS DINER LTD			
<u>7</u> 50	of 14	E/84.7	63.9 / 0.00		ER LTD EPEAN K2H 5B1 ON CA EPEAN K2H 5B1 ON CA	FST
Instance No: Status: Cont Name: Instance Type: Item: Item: Description Tank Type: Install Date: Install Year: Years in Service Model:	Ac FS FS Dc 6/2 19 : 1.8	448385 stive S Liquid Fuel Tank S LIQUID FUEL TANK S Liquid Fuel Tank ouble Wall UST 2/2009 95 3 JLL		Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St:	NULL NULL 1 EA Gasoline NULL NULL	

Мар Кеу	Numbei Record:		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Description: Capacity: Tank Materia Corrosion Pr Overfill Prote Facility Type Parent Facilit Facility Loca Device Instal	otect: ect: : ty Type: tion:		al anode FS Liquid Fuel Tar FS Gasoline Static 3420 CARLING A 3420 CARLING A	on - Self Serve / NEPEAN K2H 5		NULL NULL	
Fuel Storage	Tank Deta	ils					
Owner Accou		<u></u>	RALPH & SONS [DINER LTD			
Liquid Fuel T	ank Details	i					
Overfill Prote Owner Accou		NULL	RALPH & SONS [DINER LTD			
<u>7</u>	6 of 14		E/84.7	63.9 / 0.00		ER LTD EPEAN K2H 5B1 ON CA EPEAN K2H 5B1 ON CA	FST
Instance No: Status: Cont Name: Instance Typ Item: Item Descript Tank Type: Install Date: Install Year: Years in Serv Model: Description: Capacity: Tank Materia Corrosion Pr Overfill Prote Facility Type. Parent Facilit Facility Locat Device Instal	tion: vice: l: otect: set: ; ty Type: tion:	FS LIQU FS Liqui Double V 6/2/2009 1995 1.8 NULL 15000 Steel Sacrificia	d Fuel Tank JID FUEL TANK d Fuel Tank Wall UST	on - Self Serve / NEPEAN K2H 5		NULL NULL 1 EA Gasoline NULL NULL NULL	
<u>Fuel Storage</u>		ils					
Owner Accol	int Name:		RALPH & SONS [DINER LTD			
<u>Liquid Fuel T</u>	ank Details	5					
Overfill Prote Owner Accou		NULL	RALPH & SONS [DINER LTD			
<u>7</u>	7 of 14		E/84.7	63.9 / 0.00		ER LTD EPEAN K2H 5B1 ON CA EPEAN K2H 5B1 ON CA	FST
Instance No: Status:		1144843 Active	30		Manufacturer: Serial No:	NULL NULL	

erisinfo.com | Environmental Risk Information Services

Order No: 21012100004

Map Key	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Cont Name: Instance Typ Item: Item Descript Tank Type: Install Date: Install Year: Years in Serv Model: Description: Capacity: Tank Materia Corrosion Pr Overfill Prote Facility Type: Parent Facilit Facility Locat Device Instal	tion: vice: l: otect: set: : ty Type: tion:	FS Liquid Double Wa 6/2/2009 1995 1.8 NULL 25000 Steel Sacrificial) FUEL TANK Fuel Tank all UST	n - Self Serve ' NEPEAN K2H 5E		NULL 1 EA Gasoline NULL NULL NULL	
<u>Fuel Storage</u> Owner Accou			RALPH & SONS D	INER LTD			
Liquid Fuel T	ank Details	5					
Overfill Prote Owner Accou		NULL	RALPH & SONS D	INER LTD			
<u>7</u>	8 of 14		E/84.7	63.9 / 0.00	MACEWEN PETROLE 3420 CARLING AVE NEPEAN ON K2H5B1		RST
Headcode: Headcode De Phone: List Name: Description:	esc:	:	01186800 SERVICE STATIO 6138280728 NFO-DIRECT(TM)		L & NATURAL GAS		
<u>7</u>	9 of 14		E/84.7	63.9 / 0.00	Ralph & Son`s Diner 3420 Carling Ave Ottawa ON	Ltd.	GEN
Generator No Status: Approval Yea Contam. Faci MHSW Facilit SIC Code: SIC Descripti	ars: ility: ty:	ON579228 2013 447110	38		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		
<u>Detail(s)</u>							
Waste Class: Waste Class			221 LIGHT FUELS				
<u>7</u>	10 of 14		E/84.7	63.9 / 0.00	Ralph & Son`s Diner 3420 Carling Ave Ottawa ON K2H5B1	Ltd.	GEN
Generator No) :	ON579228	38		PO Box No:		
47	erisinfo.co	<mark>om</mark> Enviro	nmental Risk Inf	ormation Service	es		Order No: 21012100004

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Status: Approval Yea Contam. Fac MHSW Facili SIC Code: SIC Descript	cility: ity:	2014 No No 447110	447110		Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL	
<u>Detail(s)</u>							
Waste Class. Waste Class	-		221 LIGHT FUELS				
<u>7</u>	11 of 14		E/84.7	63.9 / 0.00	3420 Carling Ave, Nej Ottawa ON	pean	SPL
Ref No: Site No:		6334-AN	JQBY		Discharger Report: Material Group:		
Incident Dt: Year:		6/21/2017	7		Health/Env Conseq: Client Type:	2 - Minor Environment	
Incident Cau Incident Eve	nt:	Leak/Brea	ak		Sector Type: Agency Involved:	Miscellaneous Communal	
Contaminant Contaminant Contaminant	t Name:	12 GASOLIN 25	١E		Nearest Watercourse: Site Address: Site District Office:	3420 Carling Ave, Nepean Ottawa	
Contam Limi Contaminant Environment Nature of Imj	t UN No 1: t Impact: pact:	any 1203			Site Postal Code: Site Region: Site Municipality: Site Lot:	Eastern Ottawa	
Receiving Me Receiving Er MOE Respon	nv: 1se:	Land			Site Conc: Northing: Easting:	5022431.78 434546.88	
Dt MOE Arvl MOE Reporte Dt Document	ed Dt:	6/21/2017	7		Site Geo Ref Accu: Site Map Datum: SAC Action Class:		
Incident Rea Site Name: Site County/		Equipme	nt Failure Service station <u< td=""><td>NOFFICIAL></td><td>Source Type:</td><td>Service Station</td><td></td></u<>	NOFFICIAL>	Source Type:	Service Station	
Site Geo Ref Incident Sum Contaminant	nmary:		TSSA FSB hose r 13 L	nalfunction on gas	pump, minor gas spill, cleane	ed	
Z	12 of 14		E/84.7	63.9 / 0.00	RALPH & SONS DINE 3420 CARLING AV,,N ON	R LTD EPEAN,ON,K2H 5B1,CA	INC
Incident No: Incident ID:		1012906			Any Health Impact: Any Enviro Impact:		
Instance No: Status Code:		10143414	1		Service Interrupted: Was Prop Damaged:		
Attribute Cat Context: Date of Occu Time of Occu	irrence:	FS-Incide FS Facilit 1/15/2013	у		Reside App. Type: Commer App. Type: Indus App. Type: Institut App. Type:		
Incident Crea Instance Cre Instance Inst Occur Insp S Approx Quar	ated On: eation Dt: tall Dt: Start Date:		3) 8:15:15 PM) 8:15:15 PM		Venting Type: Vent Conn Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved:		
Tank Capacin Fuels Occur Fuel Type Inv Enforcement	ty: Type: volved:				Pipe Material: Depth Ground Cover: Regulator Location: Regulator Type:		

	Number of Records	Direction/ Distance (m	Elev/Diff) (m)	Site	DB
Prc Escalation F Tank Material Ty Tank Storage Ty Tank Location T Pump Flow Rate Task No: Notes: Drainage Systen Sub Surface Con Aff Prop Use Wa Contam. Migrate Contact Natural	/pe: /pe: ype: 2 Cap: m: ntam.: ater: ed:			Operation Pressure: Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Liquid Prop Notes: Equipment Type: Equipment Model: Serial No: Cylinder Capacity: Cylinder Cap Units: Cylinder Mat Type: Near Body of Water:	
Incident Locatio Occurence Narra Operation Type	ative:	3420 CARLING A	AV,,NEPEAN,ON,K	2H 5B1,CA	
<i>Item: Item Description Device Installed</i>		FS Gasoline Stat	TATION - SELF SE ion - Self Serve V NEPEAN K2H 5		
<u>7</u> 13	3 of 14	E/84.7	63.9 / 0.00	RALPH & SONS DINER LTD 3420 CARLING AV,,NEPEAN,ON,K2H 5B1,CA ON	INC
Incident No: Incident ID: Instance No: Status Code: Attribute Catego Context: Date of Occurrent Time of Occurrent Incident Created Instance Creation Instance Install Occur Insp Start Approx Quant R Tank Capacity: Fuels Occur Typ Fuel Type Involv Enforcement Po Prc Escalation F Tank Material Ty Tank Storage Ty Tank Storage Ty Tank Location T Pump Flow Rate Task No: Notes: Drainage System Sub Surface Con Aff Prop Use Wa Contant Migrate Contact Natural Incident Locatio Occurence Narra Operation Type Item: Item Description	10 pry: FS nce: 6/2 pnce: 6/2 pnce: 7/2 pon Dt: 7/2 t Date: pel: ved: ved: ved: ved: ved: vee:	FS GASOLINE S FS Gasoline Stat	AV,,NEPEAN,ON,K TATION - SELF SE ion - Self Serve AV NEPEAN K2H 5	RVE	
<u>7</u> 14	4 of 14	E/84.7	63.9 / 0.00	3420 CARLING AV NEPEAN ON K2H 5B1	FST

erisinfo.com | Environmental Risk Information Services

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Instance No: Status: Cont Name: Instance Typ Item: Item Descrip Tank Type: Install Date: Install Year: Years in Serv Model: Description: Capacity: Tank Materia Corrosion Pr Overfill Prote Facility Type Parent Facili Facility Loca Device Instal	oe: ntion: vice: al: rotect: ect: ect: e: ty Type: ntion:		LINE STATION - SE	ELF SERVE	Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue:	0 0 0 4 4	
<u>8</u>	1 of 1		E/101.0	63.9/0.00	3420 CARLING AVE Ottawa ON		wwi
Well ID:		7204224			Data Entry Status:		
Construction	n Date:				Data Src:		
Primary Wate	er Use:	Monitoring	and Test Hole		Date Received:	7/5/2013	
Sec. Water U	lse:				Selected Flag:	Yes	
Final Well St	tatus:	Test Hole			Abandonment Rec:		
Water Type:					Contractor:	7241	
Casing Mate	rial:				Form Version:	7	
Audit No:		Z168617			Owner:		
Tag:		A146649			Street Name:	3420 CARLING AVE	
Construction	n Method:				County:	OTTAWA	
Elevation (m					Municipality:	NEPEAN TOWNSHIP	
Elevation Re					Site Info:		
Depth to Bec	•				Lot:		
Well Depth:					Concession:		
overburden/	Bedrock:				Concession Name:		
Pump Rate:					Easting NAD83:		
Static Water	Level:				Northing NAD83:		
Flowing (Y/N					Zone:		
Flow Rate:					UTM Reliability:		
Clear/Cloudy	/:				·		
PDF URL (Ma	ар):	ł	nttps://d2khazk8e83	Brdv.cloudfront.n	et/moe_mapping/downloads/2	Water/Wells_pdfs/720\7204224.pdf	
Bore Hole In	formation						
Bore Hole ID):	100439607	74		Elevation:	64.757682	
DP2BR:					Elevrc:	40	
Spatial Statu	IS:				Zone:	18	
Code OB:					East83:	434548	
Code OB De	sc:				North83:	5022415	
Open Hole:					Org CS:	UTM83	
Cluster Kind		_ /			UTMRC:	4	
Date Comple	eted:	5/28/2013			UTMRC Desc:	margin of error : 30 m - 100 m	

5/28/2013

Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

erisinfo.com | Environmental Risk Information Services

wwr

margin of error : 30 m - 100 m

UTMRC Desc:

Location Method:

Date Completed:

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Mat1:	1004809397 2 6 BROWN 28
Most Common Material: Mat2: Mat2 Desc:	SAND
Mat3: Mat3 Desc:	85 SOFT
Formation Top Depth: Formation End Depth:	.31 3.1
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1004809398
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	91
Mat3 Desc:	WATER-BEARING
Formation Top Depth:	3.1
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1004809396
Layer:	1
Color:	8
General Color:	BLACK
Mat1: Most Common Material: Mat2:	11 GRAVEL
Mat2 Desc: Mat3: Mat3 Desc: Formation Ton Donth	73 HARD
Formation Top Depth:	0
Formation End Depth:	.31
Formation End Depth UOM:	m

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

Plug ID:	1004809408
Layer:	3
Plug From:	1.22
Plug To:	4.57
Plug Depth UOM:	m

Annular Space/Abandonment

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Sealing Reco	ord					
Plug ID: Layer: Plug From: Plug To: Plug Depth L	юм:	1004809407 2 0.31 1.22 m				
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord					
Plug ID: Layer: Plug From: Plug To: Plug Depth L	юм:	1004809406 1 0 0.31 m				
<u>Method of Co Use</u>	onstruction & Well					
Method Cons	struction Code:	1004809405 B Other Method				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		1004809395 0				
Construction	Record - Casing					
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:	1004809401 1 5 PLASTIC 0 1.22 4.03 cm m				
<u>Construction</u>	Record - Screen					
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mate Screen Dept Screen Diam	Depth: rial: h UOM: eter UOM:	1004809402 1 10 1.22 4.57 5 m cm 4.82				
Water Details	5					
Water ID: Layer: Kind Code:		1004809400				

	Numbel Record		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Kind:							
Water Found	Depth:						
Water Found		И:	m				
	2000						
Hole Diamete	<u>er</u>						
Hole ID:			1004809399				
Diameter:			8.25				
Depth From:			0				
Depth To:			4.52				
Hole Depth U	IOM:		m				
Hole Diamete	er UOM:		cm				
<u>9</u>	1 of 1		E/120.7	65.0 / 1.08	3420 CARLING AVE Ottawa ON		wwi
Well ID:		7204293			Data Entry Status:		
Construction					Data Src:	7/5/0040	
Primary Wate		Monitorin	g and Test Hole		Date Received:	7/5/2013	
Sec. Water Us					Selected Flag:	Yes	
Final Well Sta	atus:	Test Hole	9		Abandonment Rec:		
Water Type:					Contractor:	7241	
Casing Mater	rial:				Form Version:	7	
Audit No:		Z168616			Owner:		
Tag:		A146650			Street Name:	3420 CARLING AVE	
Construction	Method:				County:	OTTAWA	
Elevation (m)):				Municipality:	NEPEAN TOWNSHIP	
Elevation Rel	liability:				Site Info:		
Depth to Bed	lrock:				Lot:		
Well Depth:					Concession:		
Overburden/E	Bedrock:				Concession Name:		
Pump Rate:					Easting NAD83:		
Static Water I	l ovol:				Northing NAD83:		
Flowing (Y/N)					Zone:		
Flow Rate:	/-						
Clear/Cloudy					UTM Reliability:		
clear/cloudy.	-						
	ap):		https://d2khazk8e8	3rdv.cloudfront.ne	et/moe_mapping/downloads/2	2Water/Wells_pdfs/720\7204293.pdf	
PDF URL (Ma	• /						
•	• /						
Bore Hole Inf	formation	1004398	040		Elevation:	64.785156	
Bore Hole Inf Bore Hole ID: DP2BR:	f <u>ormation</u>	1004398	040		Elevrc:		
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status	f <u>ormation</u>	1004398	040		Elevrc: Zone:	18	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB:	f <u>ormation</u> : s:	1004398	040		Elevrc: Zone: East83:	18 434568	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des	f <u>ormation</u> : s:	1004398	040		Elevrc: Zone: East83: North83:	18 434568 5022412	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole:	f <u>ormation</u> : s: sc:	1004398	040		Elevrc: Zone: East83: North83: Org CS:	18 434568 5022412 UTM83	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind:	f <u>ormation</u> : s: sc:				Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 434568 5022412 UTM83 4	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet	f <u>ormation</u> : s: sc:	1004398 5/28/201			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 434568 5022412 UTM83	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet	f <u>ormation</u> : s: sc:				Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 434568 5022412 UTM83 4	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks:	f <u>ormation</u> : s: sc: : ted:				Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 434568 5022412 UTM83 4 margin of error : 30 m - 100 m	
Bore Hole Inf DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc:	f <u>ormation</u> : s: sc: ted:				Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 434568 5022412 UTM83 4 margin of error : 30 m - 100 m	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou	formation : s: sc: ted: urce Date: t Location ;	5/28/201: Source:			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 434568 5022412 UTM83 4 margin of error : 30 m - 100 m	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou	formation : s: sc: ted: urce Date: t Location ;	5/28/201: Source:			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 434568 5022412 UTM83 4 margin of error : 30 m - 100 m	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple: Remarks: Elevrc Desc: Location Sou Improvement	formation : s: sc: ted: urce Date: t Location { t Location {	5/28/201: Source: Method:			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 434568 5022412 UTM83 4 margin of error : 30 m - 100 m	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis	formation : s: sc: ted: urce Date: t Location i t Location i sion Comm	5/28/201: Source: Method:			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 434568 5022412 UTM83 4 margin of error : 30 m - 100 m	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis	formation : s: sc: ted: urce Date: t Location i t Location i sion Comm	5/28/201: Source: Method:			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 434568 5022412 UTM83 4 margin of error : 30 m - 100 m	
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	formation formation s: sc: tec: ted: t Location f sion Comm nment: and Bedroo	5/28/201: Source: Method: ent:			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 434568 5022412 UTM83 4 margin of error : 30 m - 100 m	
PDF URL (Ma Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Source Revis Supplier Com Overburden a Materials Inte Formation ID	formation formation s: s: sc: ted: t Location f t Location f sion Comm nment: and Bedroc erval	5/28/201: Source: Method: ent:	3		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 434568 5022412 UTM83 4 margin of error : 30 m - 100 m	
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	formation formation s: s: sc: ted: t Location f t Location f sion Comm nment: and Bedroc erval	5/28/201: Source: Method: ent:			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 434568 5022412 UTM83 4 margin of error : 30 m - 100 m	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB Des Code OB Des Dpen Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou mprovement Source Revis Supplier Com Dverburden a Materials Inte	formation formation s: s: sc: ted: t Location f t Location f sion Comm nment: and Bedroc erval	5/28/201: Source: Method: ent:	3 1004812377		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 434568 5022412 UTM83 4 margin of error : 30 m - 100 m	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		8			
General Colo	or:	BLACK			
Mat1:		11			
Most Commo	on Material:	GRAVEL			
Mat2: Mat2 Desc:					
Mat2: Desc.		73			
Mat3 Desc:		HARD			
Formation To	op Depth:	0			
Formation E	nd Depth:	.31			
Formation E	nd Depth UOM:	m			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID):	1004812379			
Layer:		3			
Color:		2			
General Cold	or:	GREY			
Mat1:	•• · · ·	06 011 T			
Most Commo Mat2:	on Material:	SILT			
Mat2: Mat2 Desc:		05 CLAY			
Mat2 Desc. Mat3:		85			
Mat3 Desc:		SOFT			
Formation To	op Depth:	1.5			
Formation E	nd Depth:	4.57			
Formation E	nd Depth UOM:	m			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID):	1004812378			
Layer:		2			
Color:		4			
General Cold	or:	GREEN			
Mat1: Most Commo	m Matarial.	28 SAND			
Mat2:	on waterial:	5AND 77			
Mat2 Desc:		LOOSE			
Mat3:					
Mat3 Desc:					
Formation To	op Depth:	.31			
Formation E		1.5			
Formation E	nd Depth UOM:	m			
<u>Annular Spaces Sealing Reco</u>	ce/Abandonment ord				
Plug ID:		1004812387			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth U	IOM:	m			
<u>Annular Spaces Sealing Reco</u>	ce/Abandonment ord				
Plug ID:		1004812388			
Layer: Blug From:		2			
Plug From: Plug To:		0.31 1.22			
, iug 10.		1.22			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth U	IOM:	m			
<u>Annular Spaces Sealing Reco</u>	ce/Abandonment ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ЮМ:	1004812389 3 1.22 4.37 m			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	1004812386 B Other Method DIRECT PUSH			
<u>Pipe Informa</u>	tion				
Pipe ID: Casing No: Comment: Alt Name:		1004812376 0			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Depth	eter: eter UOM:	1004812382 1 5 PLASTIC 0 1.5 4.03 cm m			
<u>Construction</u>	Record - Screen				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Matei Screen Diam Screen Diam	Depth: rial: n UOM: eter UOM:	1004812383 1 10 1.5 4.57 5 m cm 4.82			
Water Details	Ē				
Water ID: Layer: Kind Code: Kind:		1004812381			
Water Found Water Found		m			

Hole Diameter

	umber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole ID: Diameter: Depth From: Depth To: Hole Depth UOM: Hole Diameter UC		1004812380 8.25 0 4.57 m cm			
<u>10</u> 1 or	f 16	E/122.5	63.8 / -0.09	TOP VALU GAS BAR 3410 CARLING AV NEPEAN ON K2H5B1	PRT
Location ID: Type: Expiry Date: Capacity (L): Licence #:		28779 retail 1995-08-31 0 0076427897			
<u>10</u> 2 or	f 16	E/122.5	63.8 / -0.09	C CORP (ONTARIO) INC ATTN ACCOU PAYABLE 3410 CARLING AV STATION 7013 OTTAWA ON	UNTS PRT
Location ID: Type: Expiry Date: Capacity (L): Licence #:		10907 retail 1995-12-31 58800 0053985001			
<u>10</u> 3 or	f 16	E/122.5	63.8 / -0.09	MAC'S CONVENIENCE STORES INC** 3410 CARLING AVE STATION 7013 NEPEAN ON K2H 5B1	DTNK
<u>Delisted Expired Facilities</u>	Fuel Safety				
Instance No: Status:		9777204 EXPIRED			
Instance ID: Instance Type: Description: TSSA Program Al Maximum Hazard		FS Facility			
Facility Type: Expired Date: Original Source: Record Date:		11/2/1994 EXP Up to May 2013			
<u>10</u> 4 or	f 16	E/122.5	63.8 / -0.09	TOP VALU GAS BAR BOB MITCHELL 3410 CARLING AV NEPEAN ON	DTNK
<u>Delisted Expired </u> Facilities	Fuel Safety				
Instance No: Status:		10102271 EXPIRED			
oris	info.com Er	vironmental Risk Info	ormation Services		Order No: 21012100004

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
nstance ID: Instance Type Description: TSSA Program Maximum Haz Facility Type: Expired Date:	n Area: card Rank:	12019 FS Facility FS Propane Cylr Ha	andling Facility		
Expired Date: Original Sourd		EXP			
Record Date:		Up to Mar 2012			
<u>10</u>	5 of 16	E/122.5	63.8/-0.09	MAC'S CONVENIENCE STORES INC** 3410 CARLING AVE STATION 7013 NEPEAN ON	DTNK
<u>Delisted Expir</u> Facilities	red Fuel Safety				
Instance No:		10902065			
Status: Instance ID:		EXPIRED 50567			
Instance Type);	FS Piping			
Description:		FS Piping			
TSSA Progran Maximum Haz					
Facility Type:					
Expired Date:					
Original Sourd Record Date:	ce:	EXP Up to Mar 2012			
Record Date.		Op to Mar 2012			
<u>10</u>	6 of 16	E/122.5	63.8 / -0.09	MAC'S CONVENIENCE STORES INC** 3410 CARLING AVE STATION 7013 NEPEAN ON	DTNK
<u>Delisted Expir</u> Facilities	red Fuel Safety				
Instance No:		10902050			
Status:		EXPIRED 50778			
Instance ID: Instance Type	e:	FS Piping			
Description:		FS Piping			
TSSA Program					
Maximum Haz					
Maximum Haz Facility Type: Expired Date:					
Maximum Haz Facility Type: Expired Date: Original Sourd		EXP Up to Mar 2012			
Maximum Haz Facility Type: Expired Date: Original Sourd Record Date:			63.8 / -0.09	MAC'S CONVENIENCE STORES INC** 3410 CARLING AVE STATION 7013 NEPEAN ON	DTNK
Maximum Haz Facility Type: Expired Date: Original Sourd Record Date:	ce:	Up to Mar 2012	63.8 / -0.09		DTNK
Maximum Haz Facility Type: Expired Date: Original Sourd Record Date: <u>10</u> <u>10</u> Delisted Expin	ce:	Up to Mar 2012	63.8/-0.09	3410 CARLING AVE STATION 7013	DTNK
Maximum Haz Facility Type: Expired Date: Original Sourc Record Date: <u>10</u> <u>Delisted Expir Facilities</u>	ce: 7 of 16	Up to Mar 2012 <i>E/122.5</i>	63.8 / -0.09	3410 CARLING AVE STATION 7013	DTNK
Maximum Haz Facility Type: Expired Date: Original Sourd Record Date: <u>10</u> <u>10</u> Delisted Expin	ce: 7 of 16	Up to Mar 2012	63.8 / -0.09	3410 CARLING AVE STATION 7013	DTNK

Map Key Number Records		Elev/Diff (m)	Site		DI
Instance Type: Description: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: Original Source:	FS Piping FS Piping EXP				
Record Date:	Up to Mar 2012				
<u>10</u> 8 of 16	E/122.5	63.8 / -0.09	MAC'S CONVENIENC 3410 CARLING AVE S NEPEAN ON		DTNI
<u>Delisted Expired Fuel S Facilities</u>	afety				
Instance No: Status: Instance ID: Instance Type: Description: TSSA Program Area: Maximum Hazard Rank: Facility Type:	10902102 EXPIRED 51190 FS Piping FS Piping				
Expired Date: Original Source: Record Date:	EXP Up to Mar 2012				
<u>10</u> 9 of 16	E/122.5	63.8 / -0.09	MAC'S CONVENIENC 3410 CARLING AVE S 5B1 ON CA ON	E STORES INC STATION 7013 NEPEAN K2H	EXP
Instance No: Status: Instance ID: Instance Type: Instance Creation Dt: Instance Install Dt: Item: Item Description: Facility Type: Overfill Prot Type: Creation Date: Expired Date: Expired Date: Manufacturer: Source: Description: Serial No: UIC Standard: Facility Location:	10902073 EXPIRED 6/29/1992 6/29/1992 FS Liquid Fuel Tank FS LIQUID FUEL TANK NULL 7/5/2009 1:22:01 AM NULL FS Liquid Fuel Tanl UNDERGROUND T NULL NULL 3410 CARLING AV	ΓΑΝΚ	Model: Quantity: Unit of Measure: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Tank Underground: Panam Related: Panam Venue Nm:	NULL 1 EA NULL NULL NULL	
<u>10</u> 10 of 16	E/122.5	63.8 / -0.09	MAC'S CONVENIENC 3410 CARLING AVE S 5B1 ON CA ON	E STORES INC STATION 7013 NEPEAN K2H	EXP
Instance No: Status: Instance ID:	10902093 EXPIRED		Model: Quantity: Unit of Measure: Fuel Type2:	NULL 1 EA	

erisinfo.com | Environmental Risk Information Services

Order No: 21012100004

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Instance Creat Instance Insta- Item: Item Description Facility Type: Overfill Prot Type	II Dt: on: ype:	NULL	FUEL TANK		Fuel Type3: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground:	NULL	
Creation Date: Expired Date: Manufacturer: Source: Description: Serial No: Ulc Standard: Facility Locatio		ן ז ז	⁻ S Liquid Fuel Tan JNDERGROUND ⁻ NULL NULL	ΓΑΝΚ	Panam Related: Panam Venue Nm: NEPEAN K2H 5B1 ON CA	NULL NULL	
<u>10</u>	11 of 16		E/122.5	63.8 / -0.09	MAC'S CONVENIENCI 3410 CARLING AVE S 5B1 ON CA ON	E STORES INC TATION 7013 NEPEAN K2H	EXP
Instance No: Status: Instance ID: Instance Type Instance Creat Instance Insta Item: Item Descriptio Facility Type:	tion Dt: II Dt: on:		Fuel Tank FUEL TANK		Model: Quantity: Unit of Measure: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground:	NULL 1 EA NULL NULL	
Overfill Prot Ty Creation Date: Expired Date: Manufacturer: Source: Description: Serial No: Ulc Standard: Facility Locatio		ן ז ז	⁻ S Liquid Fuel Tan JNDERGROUND ⁻ NULL NULL	ΓΑΝΚ	Tank Underground: Panam Related: Panam Venue Nm: NEPEAN K2H 5B1 ON CA	NULL NULL	
<u>10</u>	12 of 16		E/122.5	63.8 / -0.09	MAC'S CONVENIENCI 3410 CARLING AVE S 5B1 ON CA ON	E STORES INC TATION 7013 NEPEAN K2H	EXP
Instance No: Status: Instance ID: Instance Type. Instance Creat Instance Insta- Item: Item Description Facility Type: Overfill Prot Ty Creation Date: Expired Date: Manufacturer: Source: Description: Serial No:	tion Dt: II Dt: on: ype:	NULL 7/5/2009 1 NULL F	FUEL TANK		Model: Quantity: Unit of Measure: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: Panam Venue Nm:	NULL 1 EA NULL NULL NULL	
Serial No: Ulc Standard: Facility Locati		1	NULL	E STATION 7013	3 NEPEAN K2H 5B1 ON CA		

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
<u>10</u>	13 of 16		E/122.5	63.8/-0.09	MAC'S CONVENIENCI 3410 CARLING AVE S 5B1 ON CA ON	E STORES INC TATION 7013 NEPEAN K2H	FST
Instance No. Status: Cont Name: Instance Typ Item: Item Descrip Tank Type: Install Date: Install Year: Years in Ser Model: Description: Capacity: Tank Materia Corrosion Pr Overfill Prote Facility Type Parent Facil Facility Loca	pe: ption: rvice: : al: Protect: tect: e: e: lity Type:	FS Liquic	D FUEL TANK I Fuel Tank el Single Wall UST	s	Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue:	Gasoline NULL NULL	
Device Insta Fuel Storage	alled Locatio <u>e Tank Detai</u>		3410 CARLING AVE MAC'S CONVENIEI		NEPEAN K2H 5B1 ON CA		
Device Insta Fuel Storage	alled Locatio <u>e Tank Detai</u>				C MAC'S CONVENIENC	E STORES INC TATION 7013 NEPEAN K2H	FST
Device Insta <u>Fuel Storage</u> Owner Acco <u>10</u> Instance No. Status: Cont Name: Instance Type Install Date: Install Date: Install Date: Install Date: Install Pear: Years in Ser Model: Description: Capacity: Tank Materia Corrosion P. Overfill Prote Facility Type Parent Facili Facility Loca Device Insta	alled Locatio <u>e Tank Detai</u> punt Name: 14 of 16 : pe: pe: ption: vice: al: rotect: e: lity Type:	Is 1090207: FS LIQUI FS Liquic Liquid Fu 6/29/1992 1975 NULL 18100 Steel n:	MAC'S CONVENIE <i>E</i> /122.5 3 D FUEL TANK I Fuel Tank el Single Wall UST 2 FS Liquid Fuel Tank	NCE STORES IN 63.8 / -0.09	C MAC'S CONVENIENCI 3410 CARLING AVE S 5B1 ON CA		FST

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		Ľ
<u>10</u>	15 of 16		E/122.5	63.8/-0.09	MAC'S CONVENIENCE 3410 CARLING AVE ST 5B1 ON CA ON	STORES INC TATION 7013 NEPEAN K2H	FS
nstance No: Status: Cont Name: Instance Type tem: tem Descrip Fank Type: Install Year: Vears in Ser Vodel: Cescription: Capacity: Fank Materia Corrosion Pl Dverfill Prote Facility Type Parent Facili Facility Loca Device Insta	oe: otion: rvice: al: rotect: ect: e: ity Type:	FS Liquid Liquid Fue 6/29/1992 1975 NULL 9000 Steel	D FUEL TANK Fuel Tank I Single Wall UST FS Liquid Fuel Tank		Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Num Underground: Panam Related: Panam Venue:	Gasoline NULL NULL	
F <u>uel Storage</u> Dwner Acco	<u>e Tank Detai</u> ount Name:		MAC'S CONVENIEN	ICE STORES INC			
	16 of 16		E/122.5	63.8/-0.09			
<u>10</u>	10 01 10		2,722.0	03.87 -0.09	MAC'S CONVENIENCE 3410 CARLING AVE ST 5B1 ON CA ON	STORES INC TATION 7013 NEPEAN K2H	FS
<u>10</u> Instance No: Status: Cont Name: Instance Type tem: tem Descript tem Descript fank Type: Install Year: Vears in Ser Model: Description: Capacity: Fank Materia Corrosion Pi Diverfill Prote Facility Type	: otion: vice: al: rotect: ect:	FS Liquid Liquid Fue 6/29/1992 1975 NULL 23700 Steel	D FUEL TANK Fuel Tank el Single Wall UST		3410 CARLING AVE ST 5B1 ON CA		FS
astance No: tatus: Cont Name: istance Type em: ank Type: istall Date: istall Year: cars in Ser lodel: cars in Ser lodel: capacity: ank Materia corrosion P overfill Prote facility Type parent Facili facility Loca	: otion: vice: al: rotect: ect: e: ity Type:	FS LIQUII FS Liquid Liquid Fue 6/29/1992 1975 NULL 23700 Steel	D FUEL TANK Fuel Tank el Single Wall UST FS Liquid Fuel Tank		3410 CARLING AVE ST 5B1 ON CA ON Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related:	Gasoline NULL	FS
nstance No: Status: Cont Name: Instance Typ tem: tem: Tank Type: Install Date: Install Year: Years in Ser Model: Description: Capacity:	: pe: ption: vice: al: rotect: ect: ect: p: ity Type: ation: illed Location e Tank Detai	FS LIQUII FS Liquid Liquid Fue 6/29/1992 1975 NULL 23700 Steel	D FUEL TANK Fuel Tank el Single Wall UST FS Liquid Fuel Tank	STATION 7013 N	3410 CARLING AVE ST 5B1 ON CA ON Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue:	Gasoline NULL	FS

Order No: 21012100004

erisinfo.com | Environmental Risk Information Services

	Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Well ID:	719	0965		Data Entry Status:	
Construction	n Date:			Data Src:	
Primary Wat		nitoring and Test Hole		Date Received:	11/9/2012
Sec. Water L				Selected Flag:	Yes
Final Well St		t Hole		Abandonment Rec:	100
Water Type:				Contractor:	7241
				Form Version:	7
Casing Mate		6931			7
Audit No:				Owner:	
Tag:		5014		Street Name:	4 CRYSTAL BEACH DR
Construction				County:	OTTAWA
Elevation (m	,			Municipality:	NEPEAN TOWNSHIP
Elevation Re	eliability:			Site Info:	
Depth to Bed	drock:			Lot:	
Well Depth:				Concession:	
Overburden/	/Bedrock:			Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water	l evel:			Northing NAD83:	
Flowing (Y/N				Zone:	
Flow Rate:	•).			UTM Reliability:	
				O IM Renability.	
Clear/Cloudy	y:				
PDF URL (Ma	ap):				
Bore Hole In	nformation				
Bore Hole ID): 100	4199539		Elevation:	64.726776
DP2BR:				Elevrc:	
Spatial Statu	IS'			Zone:	18
Code OB:				East83:	434570
Code OB. Code OB De				North83:	5022387
	.30.				
Open Hole:				Org CS:	UTM83
Cluster Kind				UTMRC:	4
Date Comple	eted: 10/2	22/2012		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:	:				
Elevrc Desc: Location Sol	urce Date:	ce:			
Elevrc Desc: Location So Improvemen	urce Date: at Location Sourc				
Elevrc Desc: Location Sol Improvemen Improvemen	urce Date: at Location Sourc at Location Metho				
Elevrc Desc: Location Sol Improvemen Improvemen Source Revis	urce Date: at Location Sourc at Location Metho sion Comment:				
Elevrc Desc: Location Sol Improvemen Improvemen Source Revi Supplier Cor Overburden	urce Date: at Location Sourd at Location Metho ision Comment: mment: <u>and Bedrock</u>				
Elevrc Desc: Location Sol Improvemen Improvemen Source Revi Supplier Cor Overburden	urce Date: at Location Sourd at Location Metho ision Comment: mment: <u>and Bedrock</u>				
Elevrc Desc: Location Sol Improvemen Source Revi Supplier Cor <u>Overburden</u> <u>Materials Int</u>	urce Date: at Location Sourd at Location Metho ision Comment: mment: <u>and Bedrock</u> terval				
Elevrc Desc: Location Sol Improvemen Source Revi Supplier Cor <u>Overburden</u> <u>Materials Int</u> Formation IE	urce Date: at Location Sourd at Location Metho ision Comment: mment: <u>and Bedrock</u> terval	od:			
Elevrc Desc: Location Sol Improvemen Source Revi Supplier Cor <u>Overburden</u> <u>Materials Int</u> Formation IE Layer:	urce Date: at Location Sourd at Location Metho ision Comment: mment: <u>and Bedrock</u> terval	o d: 1004486662			
Elevrc Desc: Location Sol Improvemen Source Revi Supplier Cor <u>Overburden</u> <u>Materials Int</u> Formation IE Layer: Color:	urce Date: at Location Source t Location Metho ision Comment: mment: <u>and Bedrock</u> <u>terval</u> D:	1004486662 1 6			
Elevrc Desc: Location Sol Improvemen Source Revi Supplier Cor <u>Overburden</u> <u>Materials Int</u> Formation IE Layer: Color: General Colo	urce Date: at Location Source t Location Metho ision Comment: mment: <u>and Bedrock</u> <u>terval</u> D:	1004486662 1 6 BROWN			
Elevrc Desc: Location Sol Improvemen Source Revi Supplier Cor <u>Overburden</u> <u>Materials Int</u> Formation IE Layer: Color: General Colo Mat1:	urce Date: at Location Source at Location Metho ision Comment: mment: <u>and Bedrock</u> <u>terval</u> D: or:	1004486662 1 6 BROWN 02			
Elevrc Desc: Location Sol Improvemen Source Revi Supplier Cor <u>Overburden</u> <u>Materials Int</u> Formation IE Layer: Color: General Colo Mat1: Most Comm	urce Date: at Location Source at Location Metho ision Comment: mment: <u>and Bedrock</u> <u>terval</u> D: or:	1004486662 1 6 BROWN			
Elevrc Desc: Location Sol Improvemen Source Revi Supplier Cor <u>Overburden</u> <u>Materials Int</u> Formation IE Layer: Color: General Colo Mat1: Most Commo	urce Date: at Location Source at Location Metho ision Comment: mment: <u>and Bedrock</u> <u>terval</u> D: or:	1004486662 1 6 BROWN 02			
Elevrc Desc: Location Sou Improvemen Source Revis Supplier Con <u>Overburden</u> <u>Materials Int</u> Formation IE Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc:	urce Date: at Location Source at Location Metho ision Comment: mment: <u>and Bedrock</u> <u>terval</u> D: or:	1004486662 1 6 BROWN 02 TOPSOIL			
Elevrc Desc: Location Sol Improvemen Source Revi Supplier Cor <u>Overburden</u> <u>Materials Int</u> Formation IE Layer: Color: General Colo Mat1: Most Comme Mat2 Desc:	urce Date: at Location Source at Location Metho ision Comment: mment: <u>and Bedrock</u> <u>terval</u> D: or:	nd: 1004486662 1 6 BROWN 02 TOPSOIL 85			
Elevrc Desc: Location Sol Improvemen Source Revi Supplier Cor <u>Overburden</u> <u>Materials Int</u> Formation IE Layer: Color: General Colo Mat1: Most Comme Mat2 Mat2 Desc: Mat2 Desc: Mat3:	urce Date: at Location Source at Location Metho ision Comment: mment: <u>and Bedrock</u> <u>terval</u> D: or:	1004486662 1 6 BROWN 02 TOPSOIL			
Elevrc Desc: Location Sol Improvemen Source Revi Supplier Cor <u>Overburden</u> <u>Materials Int</u> Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc:	urce Date: at Location Source at Location Methe ision Comment: mment: <u>and Bedrock</u> <u>terval</u> D: or: on Material:	nd: 1004486662 1 6 BROWN 02 TOPSOIL 85			
Elevrc Desc: Location Sol Improvemen Source Revis Supplier Cor <u>Overburden</u> <u>Materials Int</u> Formation IL Layer: Color: General Colo Mat1: Most Comme Mat2 Desc: Mat3 Desc: Formation To	urce Date: at Location Source at Location Methe ision Comment: mment: <u>and Bedrock</u> <u>aerval</u> D: or: on Material: iop Depth:	2001: 10044866662 1 6 BROWN 02 TOPSOIL 85 SOFT 0			
Elevrc Desc: Location Sol Improvemen Source Revis Supplier Cor <u>Overburden</u> <u>Materials Int</u> Formation IL Layer: Color: General Colo Mat1: Most Comme Mat2: Desc: Mat3: Mat3 Desc: Formation To Formation E	urce Date: at Location Source at Location Methe ision Comment: mment: <u>and Bedrock</u> <u>aerval</u> D: or: on Material: iop Depth:	2001: 1004486662 1 6 BROWN 02 TOPSOIL 85 SOFT			
Elevrc Desc: Location Sol Improvemen Source Revi Supplier Cor <u>Overburden</u> <u>Materials Int</u> Formation IL Layer: Color: General Colo Mat1: Most Comme Mat2 Desc: Mat3 Desc: Formation E Formation E Formation E	urce Date: at Location Source at Location Metho ision Comment: mment: <u>and Bedrock</u> <u>terval</u> D: or: on Material: ind Depth: ind Depth: ind Depth UOM: <u>and Bedrock</u>	2001: 1004486662 1 6 BROWN 02 TOPSOIL 85 SOFT 0 .61			
Elevrc Desc: Location Sol Improvemen Source Revis Supplier Con <u>Overburden</u> <u>Materials Int</u> Formation IL Layer: Color: General Colo Mat1: Most Comme Mat2 Desc: Mat3 Desc: Formation E Formation E Formation E Formation E	urce Date: at Location Source at Location Metho ision Comment: mment: <u>and Bedrock</u> terval D: or: on Material: ind Depth: ind Depth: ind Depth UOM: <u>and Bedrock</u> terval	2001: 1004486662 1 6 BROWN 02 TOPSOIL 85 SOFT 0 .61 m			
Elevrc Desc: Location Sol Improvemen Source Revis Supplier Cor <u>Overburden</u> <u>Materials Int</u> Formation IE Layer: Color: General Colo Mat1: Most Comme Mat2 Desc: Mat3 Desc: Formation E Formation E Formation E	urce Date: at Location Source at Location Metho ision Comment: mment: <u>and Bedrock</u> terval D: or: on Material: ind Depth: ind Depth: ind Depth UOM: <u>and Bedrock</u> terval	2001: 1004486662 1 6 BROWN 02 TOPSOIL 85 SOFT 0 .61			

DB

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	n Material: p Depth:	2 GREY 06 SILT 05 CLAY 91 WATER-BEARING 5.18 6.1 m			
<u>Overburden a</u> Materials Inte					
Formation ID. Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	r: n Material: p Depth:	1004486663 2 GREY 05 CLAY 06 SILT 85 SOFT .61 5.18 m			
<u>Annular Spac</u> Sealing Reco	<u>:e/Abandonment</u> <u>rd</u>				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1004486672 1 0 0.31 m			
<u>Annular Spac</u> Sealing Reco	e/Abandonment rd				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1004486674 3 2.74 6.1 m			
<u>Annular Spac</u> <u>Sealing Reco</u>	ee/Abandonment_ rd				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1004486673 2 0.31 2.74 m			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons Method Cons Method Cons	truction Code:	1004486671 D Direct Push			
63	erisinfo.com Env	rironmental Risk Info	rmation Services	3	 Order No: 21012100004

Other Method Construction:

Pipe Information

Pipe ID:	1004486661
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004486667
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.1
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004486668
Layer:	1
Slot:	10
Screen Top Depth:	3.1
Screen End Depth:	6.1
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1004486666
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1004486665	
Diameter:	8.25	
Depth From:	0	
Depth To:	6.1	
Hole Depth UOM:	m	
Hole Diameter UOM:	cm	

<u>12</u>	1 of 1	E/124.7	65.0 / 1.08	4 CRYSTAL BEACH OTTAWA ON	RD	WWIS
Well ID: Constructi	on Date:	7216113		Data Entry Status: Data Src:		
Primary W	ater Use:	Monitoring and Test Hole		Date Received:	2/10/2014	
Sec. Water	' Use:	0		Selected Flag:	Yes	
Final Well	Status:	Abandoned-Other		Abandonment Rec:	Yes	
Water Type	e:			Contractor:	7241	
Casing Ma	terial:			Form Version:	7	
Primary W Sec. Water Final Well Water Type	ater Use: [•] Use: Status: e:	0		Date Received: Selected Flag: Abandonment Rec: Contractor:	Yes Yes	

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	
Audit No: Tag: Construction Elevation (m): Elevation Reli Depth to Bedi Well Depth: Overburden/E Pump Rate: Static Water L Flowing (Y/N) Flow Rate: Clear/Cloudy: PDF URL (Maj	: liability: lrock: Bedrock: Level:): :	Z179994 A141802			Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	4 CRYSTAL BEACH RD OTTAWA NEPEAN TOWNSHIP
Bore Hole Infe	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Dess Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc:	s: :c:	100470699 12/12/2013			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	64.752754 18 434572 5022395 UTM83 4 margin of error : 30 m - 100 m wwr
Location Sou Improvement Improvement Source Revisi Supplier Com <u>Annular Spac</u> Sealing Reco	Location S Location M ion Comme iment: :e/Abandon	lethod: ent:				
Improvement Improvement Source Revis, Supplier Com <u>Annular Spac</u> Sealing Recol	Location S Location M ion Comme iment: :e/Abandon	lethod: ent: <u>ment</u>	005074981			
Improvement Improvement Source Revis Supplier Com <u>Annular Spac</u> <u>Sealing Recol</u> Plug ID: Layer:	Location S Location M ion Comme iment: :e/Abandon	lethod: ent: <u>ment</u> 1 2				
Improvement Improvement Source Revisi Supplier Com <u>Annular Spac</u> <u>Sealing Reco</u> Plug ID: Layer: Plug From:	Location S Location M ion Comme iment: :e/Abandon	lethod: ent: <u>ment</u> 1 2 0	.31			
Improvement Improvement Source Revis Supplier Com <u>Annular Spac</u> <u>Sealing Recol</u> Plug ID: Layer:	Location S Location M ion Comme iment: :e/Abandon rd	lethod: ent: <u>ment</u> 1 2 0	.31 .83			
Improvement Improvement Source Revis Supplier Com <u>Annular Spac</u> <u>Sealing Recon</u> Plug ID: Layer: Plug From: Plug To:	Location S Location M ion Comme iment: <u>e/Abandon</u> rd OM: <u>e/Abandon</u>	lethod: ent: <u>ment</u> 1 2 0 1 m	.31 .83			
Improvement Improvement Source Revisi Supplier Com <u>Annular Spac</u> Sealing Reco Plug ID: Layer: Plug ID: Plug To: Plug To: Plug Depth U <u>Annular Spac</u> Sealing Reco	Location S Location M ion Comme iment: <u>e/Abandon</u> rd OM: <u>e/Abandon</u>	lethod: ent: <u>ment</u> 1 2 0 1 m ment	.31 .83 1			
Improvement Improvement Source Revis Supplier Com <u>Annular Spac</u> Sealing Recon Plug ID: Layer: Plug To: Plug To: Plug Depth U <u>Annular Spac</u> Sealing Recon Plug ID:	Location S Location M ion Comme iment: <u>e/Abandon</u> rd OM: <u>e/Abandon</u>	lethod: ent: <u>ment</u> 1 2 0 1 m m 1 m	.31 .83 1 005074980			
Improvement Improvement Source Revisi Supplier Com <u>Annular Spac</u> Sealing Recoi Plug ID: Layer: Plug To: Plug To: Plug Depth Uo <u>Annular Spac</u> Sealing Recoi Plug ID: Layer:	Location S Location M ion Comme iment: <u>e/Abandon</u> rd OM: <u>e/Abandon</u>	lethod: ent: <u>ment</u> 1 2 0 1 m ment	.31 .83 1 005074980			
Improvement Improvement Source Revisi Supplier Com <u>Annular Spac</u> Sealing Recoi Plug ID: Layer: Plug Depth Ut <u>Annular Spac</u> Sealing Recoi Plug ID: Layer: Plug From:	Location S Location M ion Comme iment: <u>e/Abandon</u> rd OM: <u>e/Abandon</u>	lethod: ent: <u>ment</u> 1 2 0 1 m 1 1 1 0	.31 .83 1 005074980			
Improvement Improvement Source Revisi Supplier Com <u>Annular Spac</u> Sealing Recoi Plug ID: Layer: Plug To: Plug To: Plug Depth Uo <u>Annular Spac</u> Sealing Recoi Plug ID: Layer:	Location S Location M ion Comme nment: <u>ce/Abandon</u> rd	lethod: ent: <u>ment</u> 1 2 0 1 m 1 1 1 0	.31 .83 1 005074980 .31			
Improvement Improvement Source Revisi Supplier Com <u>Annular Spac</u> Sealing Recol Plug ID: Layer: Plug To: Plug Depth U <u>Annular Spac</u> Sealing Recol Plug ID: Layer: Plug From: Plug To:	Location S Location M ion Comme iment: <u>ce/Abandon</u> COM: <u>ce/Abandon</u> COM: <u>ce/Abandon</u>	lethod: ent: <u>ment</u> 1 2 0 1 1 m m 1 0 0 1 m m m m m m m m m m m	.31 .83 1 005074980 .31			
Improvement Improvement Source Revisi Supplier Com <u>Annular Spac</u> Sealing Recon Plug ID: Layer: Plug From: Plug Depth Ut <u>Annular Spac</u> Sealing Recon Plug Dopth Ut Annular Spac Sealing Recon	Location S Location M ion Comme iment: <u>ce/Abandon</u> COM: <u>ce/Abandon</u> COM: <u>ce/Abandon</u>	Tethod: ent: <u>ment</u> 1 2 0 1 m m 1 1 1 0 0 m m ment	.31 .83 1 005074980 .31			
Improvement Improvement Source Revisi Supplier Com <u>Annular Spac</u> Sealing Recoi Plug ID: Layer: Plug To: Plug Depth Ut <u>Annular Spac</u> Sealing Recoi Plug Depth Ut Plug Depth Ut <u>Annular Spac</u> Sealing Recoi Plug Depth Ut	Location S Location M ion Comme iment: <u>ce/Abandon</u> COM: <u>ce/Abandon</u> COM: <u>ce/Abandon</u>	Tethod: ent: <u>ment</u> 1 2 0 1 m m 1 1 1 0 0 m m ment	.31 .83 n 005074980 .31 n 005074982			
Improvement Improvement Source Revisi Supplier Com <u>Annular Spac</u> Sealing Recon Plug ID: Layer: Plug From: Plug Depth Ut <u>Annular Spac</u> Sealing Recon Plug Dopth Ut Annular Spac Sealing Recon	Location S Location M ion Comme iment: <u>ce/Abandon</u> COM: <u>ce/Abandon</u> COM: <u>ce/Abandon</u>	lethod: ent: <u>ment</u> 1 2 0 1 2 0 1 1 2 0 1 1 1 0 0 1 1 3	.31 .83 n 005074980 .31 n 005074982			
Improvement Improvement Source Revisi Supplier Com <u>Annular Spac</u> Sealing Recoi Plug ID: Layer: Plug To: Plug Depth Ut <u>Annular Spac</u> Sealing Recoi Plug ID: Layer: Plug Depth Ut <u>Annular Spac</u> Sealing Recoi Plug ID: Layer: Plug To: Plug ID: Layer: Plug ID: Layer: Plug ID: Layer: Plug ID: Layer: Plug To:	Location S Location M ion Comme ment: ce/Abandon rd OM: ce/Abandon rd	lethod: ent: <u>ment</u> 1 2 0 1 2 0 1 1 2 0 1 1 1 0 0 1 1 3	.31 .83 n 005074980 .31 n 005074982			
Improvement Improvement Source Revisi Supplier Com <u>Annular Spac</u> Sealing Recoi Plug ID: Layer: Plug To: Plug Depth U <u>Annular Spac</u> Sealing Recoi Plug ID: Layer: Plug Depth U <u>Annular Spac</u> Sealing Recoi Plug ID: Layer: Plug ID: Layer: Plug ID: Layer: Plug ID:	Location S Location M ion Comme ment: ce/Abandon rd OM: ce/Abandon rd	lethod: ent: <u>ment</u> 1 2 0 1 2 0 1 1 2 0 1 1 1 0 0 1 1 3	.31 .83 1 005074980 .31 1 005074982 .83			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Use</u>					
Method Con	struction Code:	1005074979			
<u>Pipe Informa</u>	<u>ntion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1005074971 0			
<u>Construction</u>	n Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To:		1005074975 1 5 PLASTIC			
Casing Diam Casing Diam Casing Dept	eter UOM:	10 cm m			
Construction	n Record - Screen				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mate Screen Dept Screen Diam	Depth: rial: h UOM: neter UOM:	1005074976 1 m cm			
Screen Diam	eter:	10.92			
Water Details	<u>s</u>				
Water ID: Layer: Kind Code: Kind: Water Found	I Donth	1005074974			
Water Found	Depth UOM:	m			
Hole Diamete	<u>er</u>				
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	JOM:	1005074973 20.32 0 1.83 m cm			
<u>13</u>	1 of 1	E/125.4	65.0 / 1.08	4 CRYSTAL BEACH RD OTTAWA ON	WWIS
Well ID: Constructior	72161 • Date:	117		Data Entry Status: Data Src:	
	erisinfo.com Fr	nvironmental Risk Info	rmation Servic	20	Order No: 21012100004

	Records	r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		
Primary Wate Sec. Water U Final Well Sta Water Type: Casing Matei Audit No: Tag: Construction Elevation (m) Elevation Rei Depth to Bed Well Depth: Overburden/A Pump Rate: Static Water Flowing (Y/N) Flow Rate: Clear/Cloudy PDF URL (Ma	lse: rial: n Method:): liability: drock: /Bedrock: /Bedrock: Level:)):	Monitorin 0 Abandon 2179995 A141805	g and Test Hole ed-Other		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:	2/10/2014 Yes Yes 7241 7 4 CRYSTAL BEACH RD OTTAWA NEPEAN TOWNSHIP	
Bore Hole Inf							
Bore Hole ID. DP2BR: Spatial Statu. Code OB: Code OB Des Open Hole: Cluster Kind:): IS: SC:	10047070	009		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	64.764732 18 434573 5022400 UTM83 4	
Date Comple Remarks: Elevrc Desc:		12/12/201	3		UTMRC Desc: Location Method:	margin of error : 30 m - 100 m wwr	
Location Sou Improvement Improvement Source Revis Supplier Con	t Location S t Location I sion Comm	Method:					
Improvement Improvement Source Revis Supplier Con Annular Space	t Location S t Location I sion Comm nment: <u>ce/Abandor</u>	Method: ent:					
Improvement Improvement Source Revis Supplier Con	t Location \$ t Location I sion Comm mment: <u>ce/Abandor</u> ord	Method: ent:	1005075028 1 0 0.31 m				
Improvement Improvement Source Revis Supplier Con <u>Annular Space</u> <u>Sealing Reco</u> Plug ID: Layer: Plug From: Plug To:	t Location S t Location I sion Commo nment: <u>ce/Abandor</u> JOM: <u>ce/Abandor</u>	Method: ent: <u>nment</u>	1 0 0.31				
Improvement Improvement Source Revis Supplier Con <u>Annular Space</u> <u>Sealing Reco</u> Plug ID: Layer: Plug To: Plug To: Plug Depth U <u>Annular Space</u>	t Location S t Location I sion Common nment: <u>ce/Abandor</u> Drd JOM: <u>ce/Abandor</u> Drd	Method: ent: <u>nment</u>	1 0 0.31				
Improvement Improvement Source Revis Supplier Con <u>Annular Space</u> <u>Sealing Reco</u> Plug ID: Layer: Plug To: Plug Depth U <u>Annular Space</u> <u>Sealing Reco</u> Plug ID: Layer: Plug From: Plug To:	t Location S t Location I sion Common nment: <u>ce/Abandor</u> ord JOM: <u>ce/Abandor</u> ord	Method: ent: <u>nment</u>	1 0 0.31 m 1005075029 2 0.31 1.83				

DB

Мар Кеу	Number Records		Elev/Diff) (m)	Site		DB
Method Cons Other Metho		ion:				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		1005075019 0				
Construction	Record - C	asing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam	eter:	1005075023 1 5 PLASTIC 4.03 cm				
Casing Diam Casing Depti		m				
<u>Construction</u>	Record - S	<u>creen</u>				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mater Screen Depti Screen Diam Screen Diam	Depth: rial: h UOM: eter UOM:	1005075024 1 5 m cm 4.82				
Water Details	5					
Water ID: Layer: Kind Code: Kind: Water Found	Depth:	1005075022				
Water Found	Depth UON	1: m				
Hole Diamete	<u>er</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	IOM:	1005075021 20.32 0 1.83 m cm				
<u>14</u>	1 of 1	E/125.8	64.9 / 1.00	4 CRYSTAL BEACH OTTAWA ON	RD	wwis
Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type:	er Use: se:	7216118 Monitoring and Test Hole 0 Abandoned-Other		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	2/10/2014 Yes Yes 7241	

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		Ľ
Casing Mater	rial:				Form Version:	7	
Audit No:		Z179992			Owner:		
Tag:		A135015			Street Name:	4 CRYSTAL BEACH RD	
Construction	Method:				County:	OTTAWA	
Elevation (m)):				Municipality:	NEPEAN TOWNSHIP	
Elevation Rel					Site Info:		
Depth to Bed					Lot:		
Well Depth:	IUCK.						
	D				Concession:		
Overburden/E	Bearock:				Concession Name:		
Pump Rate:					Easting NAD83:		
Static Water I					Northing NAD83:		
Flowing (Y/N)):				Zone:		
Flow Rate:					UTM Reliability:		
Clear/Cloudy.	:						
PDF URL (Ma	ıp):						
Bore Hole Inf	ormation						
Bore Hole ID:	:	1004707012	2		Elevation:	64.672294	
DP2BR:					Elevrc:		
Spatial Status	s:				Zone:	18	
Code OB:					East83:	434571	
Code OB Des	SC:				North83:	5022379	
Open Hole:					Org CS:	UTM83	
Cluster Kind:	•				UTMRC:	4	
Date Complet		40/40/0040			UTMRC Desc:	margin of error : 30 m - 100 m	
	tea:	12/12/2013					
	tea:	12/12/2013			Location Method		
Remarks:	tea:	12/12/2013			Location Method:	wwr	
Remarks: Elevrc Desc:		12/12/2013			Location Method:		
Remarks: Elevrc Desc: Location Sou	ırce Date:				Location Method:		
Remarks: Elevrc Desc: Location Sou Improvement	ırce Date: t Location S	ource:			Location Method:		
Remarks: Elevrc Desc: Location Sou	ırce Date: t Location S	ource:			Location Method:		
Remarks: Elevrc Desc: Location Sou Improvement	rce Date: t Location S t Location M	ource: lethod:			Location Method:		
Remarks: Elevrc Desc: Location Sou Improvement Improvement	rce Date: t Location S t Location M sion Comme	ource: lethod:			Location Method:		
Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com	urce Date: t Location S t Location M sion Comme nment:	ource: lethod: ent:			Location Method:		
Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis	urce Date: t Location S t Location M sion Comme nment: ce/Abandon	ource: lethod: ent:			Location Method:		
Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Annular Spac</u> Sealing Reco	urce Date: t Location S t Location M sion Comme nment: ce/Abandon	ource: lethod: nt: <u>ment</u>	005075040		Location Method:		
Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Annular Spac</u> Sealing Reco Plug ID:	urce Date: t Location S t Location M sion Comme nment: ce/Abandon	iource: lethod: ent: <u>ment</u> 10	005075040		Location Method:		
Remarks ['] Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Annular Spac</u> <u>Sealing Reco</u> Plug ID: Layer:	urce Date: t Location S t Location M sion Comme nment: ce/Abandon	ource: lethod: ent: <u>ment</u> 1(2			Location Method:		
Remarks ['] Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Annular Spac</u> <u>Sealing Reco</u> Plug ID: Layer: Plug From:	urce Date: t Location S t Location M sion Comme nment: ce/Abandon	ource: lethod: ent: <u>ment</u> 1(2 0.	31		Location Method:		
Remarks ['] Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Annular Spac</u> <u>Sealing Reco</u> Plug ID: Layer: Plug From: Plug To:	urce Date: t Location S t Location M sion Comme nment: <u>ce/Abandon</u> ord	fource: lethod: ent: <u>ment</u> 1(2 0. 1.	31 83		Location Method:		
Remarks ['] Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Annular Spac</u> <u>Sealing Reco</u> Plug ID: Layer:	urce Date: t Location S t Location M sion Comme nment: <u>ce/Abandon</u> ord	ource: lethod: ent: <u>ment</u> 1(2 0.	31 83		Location Method:		
Remarks ['] Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Annular Spac</u> <u>Sealing Reco</u> Plug ID: Layer: Plug From: Plug To:	Irce Date: t Location S t Location M sion Comme nment: <u>ce/Abandon</u> ord	ource: lethod: ent: <u>ment</u> 10 2 0. 1. m	31 83		Location Method:		
Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Annular Spac Sealing Reco Plug ID: Layer: Plug From: Plug To: Plug Depth U Annular Spac Sealing Reco	Irce Date: t Location S t Location M sion Comme nment: <u>ce/Abandon</u> ord	iource: lethod: ent: <u>ment</u> 1(2 0. 1. m m <u>ment</u>	31 83		Location Method:		
Remarks ['] Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Annular Spac Sealing Reco Plug ID: Layer: Plug From: Plug To: Plug Depth U Annular Spac Sealing Reco Plug ID:	Irce Date: t Location S t Location M sion Comme nment: <u>ce/Abandon</u> ord	fource: lethod: ent: <u>ment</u> 10 2 0. 1. m m <u>ment</u>	31 83		Location Method:		
Remarks ['] Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Annular Spac Sealing Reco Plug ID: Layer: Plug To: Plug To: Plug Depth U <u>Annular Spac</u> Sealing Reco Plug ID: Layer:	Irce Date: t Location S t Location M sion Comme nment: <u>ce/Abandon</u> ord	fource: lethod: ent: <u>ment</u> 1(2 0. 1. m m <u>ment</u> 1(1	31 83		Location Method:		
Remarks ['] Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Annular Spac</u> Sealing Reco Plug ID: Layer: Plug Depth U <u>Annular Spac</u> Sealing Reco Plug ID: Layer: Plug From:	Irce Date: t Location S t Location M sion Comme nment: <u>ce/Abandon</u> ord	fource: lethod: ent: <u>ment</u> 1(2 0. 1. m m ment 1(1 0	31 83 005075039		Location Method:		
Remarks ['] Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Annular Spac</u> Sealing Reco Plug ID: Layer: Plug To: Plug Depth U <u>Annular Spac</u> Sealing Reco Plug ID: Layer: Plug From: Plug From: Plug From: Plug To:	Irce Date: t Location S t Location M sion Comme nment: <u>ce/Abandon</u> ord	fource: lethod: ent: <u>ment</u> 10 2 0. 1. m m ment 10 1 0 0.	31 83 005075039 31		Location Method:		
Remarks ['] Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Annular Spac</u> Sealing Reco Plug ID: Layer: Plug To: Plug Depth U <u>Annular Spac</u> Sealing Reco Plug ID: Layer: Plug From:	Irce Date: t Location S t Location M sion Comme nment: <u>ce/Abandon</u> ord	fource: lethod: ent: <u>ment</u> 1(2 0. 1. m m ment 1(1 0	31 83 005075039 31		Location Method:		
Remarks ['] Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Annular Spac</u> Sealing Reco Plug ID: Layer: Plug To: Plug Depth U <u>Annular Spac</u> Sealing Reco Plug ID: Layer: Plug From: Plug From: Plug From: Plug To:	Irce Date: t Location S t Location M sion Comme nment: <u>ce/Abandon</u> ord	fource: Nethod: Ent: <u>ment</u> 1(2 0. 1. m m ment 10 0. m	31 83 005075039 31		Location Method:		
Remarks ² Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Annular Spac Sealing Reco Plug ID: Layer: Plug From: Plug Depth U Annular Spac Sealing Reco Plug ID: Layer: Plug From: Plug From: Plug From: Plug To: Plug Depth U Annular Spac Sealing Reco	Irce Date: t Location S t Location M sion Comme nment: <u>ce/Abandon</u> ord	ource: lethod: ent: <u>ment</u> 10 2 0. 1. 10 1 0 0. 10 10 10 10 10 10 10 10 10 10 10 10 10	31 83 005075039 31		Location Method:		
Remarks ['] Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Annular Spac Sealing Reco Plug ID: Layer: Plug To: Plug Depth U Annular Spac Sealing Reco Plug ID: Layer: Plug From: Plug To: Plug Depth U Annular Spac Sealing Reco Plug Depth U Annular Spac Sealing Reco Plug ID:	Irce Date: t Location S t Location M sion Comme nment: <u>ce/Abandon</u> ord	fource: lethod: ent: <u>ment</u> 10 2 0. 1. m <u>ment</u> 10 0. m m 10 10 10 10 10 10 10 10 10 10 10 10 10	31 83 005075039 31		Location Method:		
Remarks ['] Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Annular Spac Sealing Reco Plug ID: Layer: Plug To: Plug Depth U Annular Spac Sealing Reco Plug ID: Layer: Plug From: Plug To: Plug Depth U Annular Spac Sealing Reco Plug ID: Layer: Plug Depth U Annular Spac Sealing Reco Plug ID: Layer:	Irce Date: t Location S t Location M sion Comme nment: <u>ce/Abandon</u> ord	fource: lethod: ent: <u>ment</u> 10 2 0. 1. m <u>ment</u> 10 1 0 0. m 11 3	31 83 005075039 31 005075041		Location Method:		
Remarks ['] Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Annular Space Sealing Reco Plug ID: Layer: Plug To: Plug Depth U <u>Annular Space</u> Sealing Reco Plug ID: Layer: Plug From: Plug To: Plug Depth U <u>Annular Space</u> Sealing Reco Plug ID: Layer: Plug Depth U Annular Space Sealing Reco Plug ID: Layer: Plug ID: Layer: Plug ID: Layer:	Irce Date: t Location S t Location M sion Comme nment: <u>ce/Abandon</u> ord	fource: lethod: ent: ment 10 2 0. 1. m ment 10 1 0 0. m ment 10 3 1.	31 83 005075039 31 005075041 83		Location Method:		
Remarks ['] Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Annular Spac Sealing Reco Plug ID: Layer: Plug To: Plug Depth U Annular Spac Sealing Reco Plug ID: Layer: Plug From: Plug To: Plug Depth U Annular Spac Sealing Reco Plug ID: Layer: Plug Depth U Annular Spac Sealing Reco Plug ID: Layer:	Irce Date: t Location S t Location M sion Comme nment: ce/Abandon ord IOM: ce/Abandon ord IOM: ce/Abandon	fource: lethod: ent: ment 10 2 0. 1. m ment 10 1 0 0. m ment 10 3 1.	31 83 005075039 31 005075041 83 88		Location Method:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	truction Code:	1005075038			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1005075030 0			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	eter: eter UOM:	1005075034 1 5 PLASTIC 0 4.03 cm m			
<u>Construction</u>	Record - Screen				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mater Screen Diamo Screen Diamo	Depth: rial: n UOM: eter UOM:	1005075035 1 5 m cm 4.82			
Water Details	i				
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	1005075033 m			
Hole Diamete	<u>er</u>				
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete		1005075032 20.32 0 1.83 m cm			
<u>15</u>	1 of 1	E/126.4	65.0 / 1.08	4 CRYSTAL BEACH ROAD OTTAWA ON	wwis
Well ID:	7216112	2		Data Entry Status:	
70	erisinfo.com Envi	ironmental Risk Info	rmation Service	25	Order No: 21012100004

	Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Materi Audit No: Tag: Construction Elevation (m): Elevation (m): Elevation Reli Depth to Bedi Well Depth: Overburden/E Pump Rate: Static Water L Flowing (Y/N) Flow Rate: Clear/Cloudy:	er Use: Monito se: 0 atus: Abando rial: Z17999 A14180 Method: riability: rock: Bedrock: Level:):			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:	2/10/2014 Yes 7241 7 4 CRYSTAL BEACH ROAD OTTAWA NEPEAN TOWNSHIP
PDF URL (Ma	ар):				
<u>Bore Hole Infe</u>	ormation				
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc:	s: sc: , ted: 12/12/2			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	64.776283 18 434574 5022407 UTM83 4 margin of error : 30 m - 100 m wwr
İmprovement	Location Source: Location Method: ion Comment: nment:				
Improvement Improvement Source Revis Supplier Com	t Location Method: tion Comment: nment: te/Abandonment				
Improvement Improvement Source Revisa Supplier Com <u>Annular Spac</u>	Location Method: ion Comment: iment: <u>ce/Abandonment</u> <u>rd</u>	1005074969 1 0 0.31 m			
Improvement Improvement Source Revise Supplier Com <u>Annular Spac</u> <u>Sealing Recon</u> Plug ID: Layer: Plug From: Plug To: Plug Depth U	t Location Method: sion Comment: nment: se/Abandonment ord	1 0 0.31			
Improvement Improvement Source Revisa Supplier Com <u>Annular Spac</u> Sealing Recon Plug ID: Layer: Plug From: Plug To: Plug Depth Ud <u>Annular Spac</u>	t Location Method: sion Comment: ment: <u>se/Abandonment</u> rd	1 0 0.31			
Improvement Improvement Source Revise Supplier Com <u>Annular Spac</u> Sealing Recon Plug ID: Layer: Plug From: Plug Depth UC <u>Annular Spac</u> Sealing Recon Plug ID: Layer: Plug From: Plug From: Plug To: Plug Depth UC	t Location Method: sion Comment: ment: <u>se/Abandonment</u> rd	1 0 0.31 m 1005074970 2 0.31 1.83			

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Method Cons Method Cons Other Method	struction:						
<u>Pipe Informa</u>	<u>tion</u>						
Pipe ID: Casing No: Comment: Alt Name:			1005074960 0				
Construction	Record - C	asing					
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:		1005074964 1 5 PLASTIC 10 cm m				
Construction		creen					
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Matei Screen Depti Screen Diam Screen Diam	Depth: rial: h UOM: eter UOM:		1005074965 1 5 m cm 10.01				
Water Details	5						
Water ID: Layer: Kind Code: Kind:			1005074963				
Water Found Water Found		Л:	m				
Hole Diamete	<u>er</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth L Hole Diamete	IOM:		1005074962 20.32 0 1.03 m cm				
<u>16</u>	1 of 1		E/130.4	65.0 / 1.08	4 CRYSTAL BEACH Ottawa ON	DR	WWIS
Well ID: Construction Primary Wate Sec. Water U Final Well St	er Use: se:	7190964 Monitorin 0 Test Hole	g and Test Hole		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec:	11/9/2012 Yes	

erisinfo.com | Environmental Risk Information Services

Order No: 21012100004

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/H Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy.	Method: :: iability: rock: Bedrock: Level:): :	Z156930 A135016			Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	7241 7 4 CRYSTAL BEACH DR OTTAWA NEPEAN TOWNSHIP	
PDF URL (Ma Bore Hole Inf							
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Dess Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com	s: ted: ted: Location S Location M sion Comme	lethod:	6		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	64.764465 18 434578 5022403 UTM83 4 margin of error : 30 m - 100 m wwr	
Overburden a Materials Inte		<u>k</u>					
Formation ID. Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Formation To Formation En Formation En	r: on Material: op Depth: nd Depth:	3 2 0 0 0 0 0 0 5 8 8 8 5 4 6	SREY 5 CLAY 6 SILT 5 SOFT .57 .1				
Overburden a Materials Inte		<u>k</u>					
Formation ID. Layer: Color: General Colo Mat1: Most Commo Mat2:	r:	2 6 8 0 0 0					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		SOFT			
Mat3:					
Mat3 Desc: Formation To	n Donth:	.61			
Formation En	p Depin. d Denth:	4.57			
	d Depth UOM:	m.			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID:		1004486648			
Layer:		1			
Color:		6			
General Color	r:	BROWN			
Mat1: Most Commo Mat2:	n Material:	02 TOPSOIL			
Mat2 Desc:					
Mat3:		85			
Mat3 Desc:	5 4	SOFT			
Formation To Formation En	p Depth:	0 .61			
	d Depth UOM:	.01 m			
<u>Annular Spac</u> Sealing Reco	e/Abandonment rd				
Plug ID:		1004486660			
Layer:		3			
Plug From:		2.74			
Plug To:		6.1			
Plug Depth U	ОМ:	m			
<u>Annular Spac</u> Sealing Reco	e/Abandonment rd				
Plug ID:		1004486658			
Layer:		1			
Plug From:		0			
Plug To:	~	0.31			
Plug Depth U	ОМ:	m			
<u>Annular Spac</u> Sealing Reco	e/Abandonment rd				
Plug ID:		1004486659			
Layer: Plug From:		2 0.31			
Plug To:		2.74			
Plug Depth U	ОМ:	m			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction ID:	1004486657			
	truction Code:	D			
Method Cons		Direct Push			
<u>Pipe Informat</u>	ion				

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Pipe ID:			1004486647				
Casing No:			0				
Comment:							
Alt Name:							
Construction	Record - C	asing					
Casing ID:			1004486653				
Layer: Material:			1 5				
Open Hole or	Material		PLASTIC				
Depth From:			0				
Depth To:			3.1				
Casing Diame			4.03				
Casing Diame			cm				
Casing Depth	UOM:		m				
Construction	Record - S	<u>creen</u>					
Screen ID:			1004486654 1				
Layer: Slot:			1				
Siot. Screen Top D	epth:		3.1				
Screen End D			6.1				
Screen Materi			5				
Screen Depth			m				
Screen Diame Screen Diame			cm 4.82				
Screen Diame	eter:		4.02				
Water Details							
Water ID:			1004486652				
Layer:							
Kind Code:							
Kind: Water Found	Donthi						
Water Found		И:	m				
Hole Diamete	<u>r</u>						
Hole ID:			1004486651				
Diameter:			8.25				
Depth From:			0				
Depth To:	014		6.1				
Hole Depth U Hole Diamete			m cm				
<u>17</u>	1 of 1		E/130.4	63.8 / -0.09	4 CRYSTAL BEACH Ottawa ON	DR	www
Well ID:		7190962			Data Entry Status:		
Construction	Date:				Data Src:		
Primary Wate			g and Test Hole		Date Received:	11/9/2012	
Sec. Water Us		0			Selected Flag:	Yes	
Final Well Sta Wotor Typo	tus:	Test Hole	1		Abandonment Rec:	7241	
Water Type: Casing Materi	ial·				Contractor: Form Version:	7241 7	
Casing Materi Audit No:		Z156927			Owner:	,	
Tag:		A135017			Street Name:	4 CRYSTAL BEACH DR	
Construction	Method:				County:	OTTAWA	
Elevation (m)					Municipality:	NEPEAN TOWNSHIP	
Elevation Reli	iability:				Site Info:		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Depth to Bedro Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map	edrock: evel:			Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
Bore Hole Info	-					
Bore Hole ID: DP2BR: Spatial Status. Code OB: Code OB Desc Open Hole: Cluster Kind:	- 1004199 ::			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	64.768173 18 434577 5022420 UTM83 4	
Date Complete Remarks: Elevrc Desc:	ed: 10/2/201	2		UTMRC Desc: Location Method:	margin of error : 30 m - 100 m wwr	
Source Revision Supplier Common <u>Overburden autorials Inter</u> Materials Inter Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc:	ment: <u>nd Bedrock</u> <u>val</u> :	1004486622 3 2 GREY 06 SILT 05 CLAY				
Mat3: Mat3 Desc: Formation Top Formation End Formation End	d Depth:	08 FINE SAND 3.1 6.1 m				
<u>Overburden an</u> <u>Materials Inter</u>						
Formation ID: Layer: Color: General Color. Mat1: Most Common Mat2:		1004486620 1 8 BLACK 02 TOPSOIL				
Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End Formation End	d Depth:	85 SOFT 0 .61 m				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	I
Overburden	and Bedrock				
Materials Int	erval				
Formation IL	D:	1004486621			
Layer:		2			
Color:		6			
General Colo	or:	BROWN			
Mat1:		06			
Most Comm	on Material:	SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation T	op Depth:	.61			
Formation E	nd Depth:	3.1			
Formation E	nd Depth UOM:	m			

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

Plug ID:	1004486632
Layer:	3
Plug From:	2.74
Plug To:	6.1
Plug Depth UOM:	m

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

Plug ID:	1004486630
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004486631
Layer:	2
Plug From:	0.31
Plug To:	2.74
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1004486629
Method Construction Code:	D
Method Construction: Other Method Construction:	Direct Push

Pipe Information

Pipe ID:	1004486619
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

DB

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Casing ID:			1004486625				
Layer:			1				
Material:			5				
Open Hole or			PLASTIC				
Depth From: Depth To:			0 3.1				
Casing Diam	otor		4.03				
Casing Diam			cm				
Casing Dept			m				
Construction	Record - S	creen					
Screen ID:			1004486626				
Layer: Slot:			1 10				
Siol. Screen Top L	Denth [.]		3.1				
Screen End L			6.1				
Screen Mater			5				
Screen Deptl	h UOM:		m				
Screen Diam			cm				
Screen Diam	eter:		4.82				
Water Details	ž						
Water ID:			1004486624				
Layer:							
Kind Code: Kind:							
Water Found Water Found		Л:	m				
Hole Diamete	<u>ər</u>						
			1004486623				
Hole ID: Diameter:			8.25				
Depth From:			0				
			0 6.1				
Depth To: Hole Depth U	IOM:						
Depth To: Hole Depth U	IOM:		6.1				
Depth To: Hole Depth U	IOM:		6.1 m	65.0 / 1.08	4 CRYSTAL BEACH OTTAWA ON	RD	wwis
Depth To: Hole Depth U Hole Diamete <u>18</u> Well ID:	IOM: er UOM: 1 of 1	7216116	6.1 m cm <i>E/131.5</i>	65.0 / 1.08	OTTAWA ON Data Entry Status:	RD	WWIS
Depth To: Hole Depth U Hole Diamete <u>18</u> Well ID: Construction Primary Wate	IOM: er UOM: 1 of 1 n Date: er Use:	Monitorin	6.1 m cm <i>E/131.5</i>	65.0 / 1.08	OTTAWA ON Data Entry Status: Data Src: Date Received:	2/10/2014	wwis
Depth To: Hole Depth U Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U	IOM: er UOM: 1 of 1 Date: er Use: lse:	Monitorir 0	6.1 m cm <i>E/131.5</i> mg and Test Hole	65.0 / 1.08	OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag:	2/10/2014 Yes	WWIS
Depth To: Hole Depth U Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta	IOM: er UOM: 1 of 1 Date: er Use: lse:	Monitorir 0	6.1 m cm <i>E/131.5</i>	65.0 / 1.08	OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec:	2/10/2014 Yes Yes	WWIS
Depth To: Hole Depth U Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type:	IOM: er UOM: 1 of 1 Date: er Use: lse: lse: atus:	Monitorir 0	6.1 m cm <i>E/131.5</i> mg and Test Hole	65.0 / 1.08	OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag:	2/10/2014 Yes	wwis
Depth To: Hole Depth U Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Matei	IOM: er UOM: 1 of 1 Date: er Use: lse: lse: atus:	Monitorir 0	6.1 m cm <i>E/131.5</i> mg and Test Hole ned-Other	65.0 / 1.08	OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	2/10/2014 Yes Yes 7241	wwis
Depth To: Hole Depth U Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Matei Audit No:	IOM: er UOM: 1 of 1 Date: er Use: lse: lse: atus:	Monitorir 0 Abandon	6.1 m cm <i>E/131.5</i> mg and Test Hole ned-Other	65.0 / 1.08	OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	2/10/2014 Yes Yes 7241	wwis
Depth To: Hole Depth U Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction	IOM: er UOM: 1 of 1 Date: er Use: ise: atus: rial: n Method:	Monitorir 0 Abandon Z179996	6.1 m cm <i>E/131.5</i> mg and Test Hole ned-Other	65.0 / 1.08	OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County:	2/10/2014 Yes Yes 7241 7 4 CRYSTAL BEACH RD OTTAWA	wwis
Depth To: Hole Depth U Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m)	IOM: er UOM: 1 of 1 Date: er Use: se: atus: rial: Method:):	Monitorir 0 Abandon Z179996	6.1 m cm <i>E/131.5</i> mg and Test Hole ned-Other	65.0 / 1.08	OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	2/10/2014 Yes Yes 7241 7 4 CRYSTAL BEACH RD	wwis
Depth To: Hole Depth U Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m)	IOM: er UOM: 1 of 1 Date: er Use: se: atus: rial: Method:): liability:	Monitorir 0 Abandon Z179996	6.1 m cm <i>E/131.5</i> mg and Test Hole ned-Other	65.0 / 1.08	OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	2/10/2014 Yes Yes 7241 7 4 CRYSTAL BEACH RD OTTAWA	wwis
Depth To: Hole Depth U Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Red	IOM: er UOM: 1 of 1 Date: er Use: se: atus: rial: Method:): liability:	Monitorir 0 Abandon Z179996	6.1 m cm <i>E/131.5</i> mg and Test Hole ned-Other	65.0 / 1.08	OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	2/10/2014 Yes Yes 7241 7 4 CRYSTAL BEACH RD OTTAWA	wwis
Depth To: Hole Depth U Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rei Depth to Bed Well Depth:	IOM: er UOM: 1 of 1 1 of 1 Date: er Use: se: atus: rial: n Method:): liability: lrock:	Monitorir 0 Abandon Z179996	6.1 m cm <i>E/131.5</i> mg and Test Hole ned-Other	65.0 / 1.08	OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession:	2/10/2014 Yes Yes 7241 7 4 CRYSTAL BEACH RD OTTAWA	wwis
Depth To: Hole Depth U Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rei Depth to Bed Well Depth: Overburden/I	IOM: er UOM: 1 of 1 1 of 1 Date: er Use: se: atus: rial: n Method:): liability: lrock:	Monitorir 0 Abandon Z179996	6.1 m cm <i>E/131.5</i> mg and Test Hole ned-Other	65.0 / 1.08	OTTAWA ON 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:	2/10/2014 Yes Yes 7241 7 4 CRYSTAL BEACH RD OTTAWA	wwis
Depth From: Depth To: Hole Depth U Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Red Depth to Bed Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water	IOM: er UOM: 1 of 1 1 of 1 a Date: er Use: se: atus: rial: n Method:): liability: lrock: Bedrock:	Monitorir 0 Abandon Z179996	6.1 m cm <i>E/131.5</i> mg and Test Hole ned-Other	65.0 / 1.08	OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession:	2/10/2014 Yes Yes 7241 7 4 CRYSTAL BEACH RD OTTAWA	wwis

Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
			UTM Reliability:		
o):					
ormation					
1004707	7006		Elevation: Elevro:	64.769622	
				18	
			East83:	434579	
:			North83:	5022408	
			Org CS:	UTM83	
				4	
ed: 12/12/20)13		UTMRC Desc:	-	
			Location Method:	wwr	
Location Source: Location Method: on Comment:					
_					
	-				
DM:	4.00 M				
_					
	-				
ОМ:	m				
<u>a</u>					
	1005075017				
	2				
DM:	m				
nstruction & Well					
ruction Code: ruction:	1005075015				
<u>on</u>					
	Records): rmation 1004707 : :	Records Distance (m) on: 1004707006 immation 1005075018 immation 1005075018 immation 1005075016 immation 1005075016 immation 1005075016 immation 1005075016 immation 1005075016 immation 1005075016 immation 1005075017 immation 1005075015 immation 1005075015	Records Distance (m) (m) p):	Records Distance (m) (m) UTM Reliability: vmation 1004707006 Elevation: Elevre: Zone: Zone: Location Science: bod: od: 12/12/2013 continuent: Motified: North83: Org CS: UTMRC: UTMRC Desc: Location Method: on Comment: ment: v/Abandonment d 1005075018 3.1.83 4.88 M: m v/Abandonment d 1005075016 1 0.31 M: m v/Abandonment d 1005075016 1 0.31 M: m v/Abandonment d 1005075016 1 0.31 M: m v/Abandonment d 1005075017 2.31 1.83 M: m truction & Well 1005075015 Truction & Well 1005075015 ruction ID: 1005075015	Records Distance (m) (m) umation UTM Reliability: y: umation 1004707006 Elevation:: 64.769622 Elevic:: Elevic:: 64.769622 :: Zone: 18 :: Zone: 18 :: York53: 5022408 Org CS: UTMR3 Org CS: UTMR43 Org CS: UTMR3 Org CS: UTMR3 Org CS: UTMR43 Org CS: UTMR43 Org CS: UTMR5: e Date: Location Method: incoation Method: www ce Date: 005075018 3 1.83 M: m athand 0.31 0.31 0.31 0.31 1.83 M: m istance(on & Well) 1005075017 2.31 1.83 M: m

Мар Кеу	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing No: Comment: Alt Name:			0				
<u>Construction</u>	Record - C	Casing					
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Depti	eter: eter UOM:		1005075011 1 5 PLASTIC 4.03 cm m				
<u>Constructior</u>	Record - S	Screen					
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mate. Screen Diam Screen Diam	Depth: Depth: rial: h UOM: eter UOM:		1005075012 1 m cm 4.82				
Water Details	8		1005075010				
Water ID: Layer: Kind Code: Kind: Water Found Water Found		И:	m				
Hole Diamete	<u>er</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth L Hole Diamete	IOM:		1005075009 20.32 0 1.83 m cm				
<u>19</u>	1 of 1		E/132.4	65.0 / 1.08	3420 CARLING AVE Ottawa 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	er Use: se: atus: rial: n Method:): liability:	7204221 Monitorir Test Hold Z168615 A146633	ng and Test Hole e		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	7/5/2013 Yes 7241 7 3420 CARLING AVE OTTAWA NEPEAN TOWNSHIP	

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		Ľ
Well Depth: Overburden/E Pump Rate: Static Water L Flowing (Y/N). Flow Rate: Clear/Cloudy:	.evel: :			Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Maj	p):	https://d2khazk8e83	rdv.cloudfront.ne	t/moe_mapping/downloads	s/2Water/Wells_pdfs/720\7204221.pdf	
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Dese		5857		Elevation: Elevrc: Zone: East83: North83:	64.760581 18 434580 5022403	
Open Hole: Cluster Kind:		10		Org CS: UTMRC:	UTM83 4	
Date Complet Remarks: Elevrc Desc: Location Soul		13		UTMRC Desc: Location Method:	margin of error : 30 m - 100 m wwr	
Improvement Improvement	Location Source: Location Method: ion Comment:					
Overburden a Materials Inte						
Formation ID: Layer:		1004809355 2				
Color:		6 BROWN				
General Color	2	DROWN				
Mat1: Nost Commo Nat2:		28 SAND				
General Color Mat1: Most Commol Mat2: Mat2 Desc: Mat3 Desc: Formation Toj	n Material:	28 SAND 77 LOOSE				
Mat1: Most Commol Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To _l Formation En	n Material: p Depth:	28 SAND 77				
Mat1: Most Common Mat2: Mat2 Desc: Mat3: Formation To Formation En Formation En Formation En	n Material: p Depth: d Depth: d Depth UOM: <u>nd Bedrock</u>	28 SAND 77 LOOSE .31 1.5				
Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation En Formation En Formation En <u>Dverburden a</u> <u>Materials Inte</u> Formation ID: Layer:	n Material: p Depth: d Depth: d Depth UOM: <u>nd Bedrock</u> <u>rval</u>	28 SAND 77 LOOSE .31 1.5 m				
Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation En Formation En <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color	n Material: p Depth: d Depth: d Depth UOM: <u>nd Bedrock</u> <u>rval</u>	28 SAND 77 LOOSE .31 1.5 m				
Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En Overburden a Materials Inter Sormation ID: Layer: Color: General Color Mat1: Most Common Mat2:	n Material: p Depth: d Depth: d Depth UOM: <u>nd Bedrock</u> <u>rval</u>	28 SAND 77 LOOSE .31 1.5 m 1004809354 1 8 BLACK				
Mat1: Most Commol Mat2: Mat2 Desc: Mat3 Cormation To Formation To Formation En	n Material: p Depth: d Depth: d Depth UOM: <u>nd Bedrock</u> <u>rval</u> :	28 SAND 77 LOOSE .31 1.5 m 1004809354 1 8 BLACK 11				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden a Materials Inte					
Formation ID. Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	: n Material: p Depth:	1004809356 3 2 GREY 06 SILT 05 CLAY 85 SOFT 1.5 4.57 m			
<u>Annular Spac</u> <u>Sealing Reco</u>	e/Abandonment rd				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1004809365 2 0.31 1.22 m			
<u>Annular Spac</u> <u>Sealing Reco</u>	e/Abandonment_ rd				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1004809364 1 0 0.31 m			
<u>Annular Spac</u> <u>Sealing Reco</u>	:e/Abandonment rd				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1004809366 3 1.22 4.57 m			
<u>Use</u> Method Cons Method Cons Method Cons	truction Code:	1004809363			
<u>Pipe Informat</u> Pipe ID: Casing No: Comment: Alt Name:	<u>tion</u>	1004809353 0			

Construction Record - Casing

_

	Number Records		Elev/Diff) (m)	Site		DE
Casing ID:		1004809359				
Layer:		1				
Material:		5				
Open Hole or	Material:	PLASTIC				
Depth From:		0				
Depth To:		1.5				
Casing Diame	eter:	4.03				
Casing Diame		cm				
Casing Depth		m				
Casing Depu	100111.	111				
Construction	Record - S	Creen				
Screen ID:		1004809360				
Layer:		1				
Slot:		10				
Screen Top D	onth.	1.5				
Screen Top D	epui.					
Screen End D		4.57				
Screen Mater		5				
Screen Depth		m				
Screen Diame		cm				
Screen Diame	eter:	4.8				
Water Details	I					
Water ID:		1004809358				
Layer:						
Kind Code:						
Kind:						
Water Found	Denth:					
Water Found	•	<i>II:</i> m				
Hole Diamete	<u>er</u>					
Hole ID:		1004809357				
Diameter:		0.2				
Depth From:		0				
Depth To:		4.57				
Hole Depth U	OM:	m				
11-1- 01	r UOM:	cm				
Hole Diamete						
20	1 of 1	E/135.4	65.0 / 1.08	4 CRYSTAL BEACH	RD.	wwis
<u>20</u>	1 of 1		65.0 / 1.08	ON	RD.	wwis
<u>20</u> Well ID:		E/135.4 7198893	65.0 / 1.08	ON Data Entry Status:	RD.	wwis
20 Well ID: Construction	Date:	7198893	65.0 / 1.08	ON Data Entry Status: Data Src:		wwis
20 Well ID: Construction Primary Wate	Date: er Use:		65.0 / 1.08	ON Data Entry Status: Data Src: Date Received:	3/20/2013	wwis
20 Well ID: Construction Primary Wate Sec. Water U	Date: er Use: se:	7198893 Monitoring and Test Hole	65.0 / 1.08	ON Data Entry Status: Data Src: Date Received: Selected Flag:		wwis
20 Well ID: Construction Primary Wate Sec. Water Us Final Well Sta	Date: er Use: se:	7198893	65.0 / 1.08	ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec:	3/20/2013 Yes	wwis
20 Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type:	Date: er Use: se: atus:	7198893 Monitoring and Test Hole	65.0 / 1.08	ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	3/20/2013 Yes 7241	wwis
20 Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater	Date: er Use: se: atus:	7198893 Monitoring and Test Hole Monitoring and Test Hole	65.0 / 1.08	ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	3/20/2013 Yes	wwis
20 Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater	Date: er Use: se: atus:	7198893 Monitoring and Test Hole Monitoring and Test Hole Z164424	65.0 / 1.08	ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	3/20/2013 Yes 7241 7	wwis
20 Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag:	Date: er Use: se: atus: ial:	7198893 Monitoring and Test Hole Monitoring and Test Hole	65.0 / 1.08	ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	3/20/2013 Yes 7241	wwis
20 Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag:	Date: er Use: se: atus: ial:	7198893 Monitoring and Test Hole Monitoring and Test Hole Z164424	65.0 / 1.08	ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	3/20/2013 Yes 7241 7	wwis
20 Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction	Date: er Use: se: atus: ial: Method:	7198893 Monitoring and Test Hole Monitoring and Test Hole Z164424	65.0 / 1.08	ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County:	3/20/2013 Yes 7241 7 4 CRYSTAL BEACH RD.	wwis
20 Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m)	Date: er Use: se: atus: ial: Method: :	7198893 Monitoring and Test Hole Monitoring and Test Hole Z164424	65.0 / 1.08	ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	3/20/2013 Yes 7241 7 4 CRYSTAL BEACH RD. OTTAWA	wwis
20 Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel	Date: er Use: se: atus: ial: Method: : iiability:	7198893 Monitoring and Test Hole Monitoring and Test Hole Z164424	65.0 / 1.08	ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	3/20/2013 Yes 7241 7 4 CRYSTAL BEACH RD. OTTAWA	wwis
20 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	Date: er Use: se: atus: ial: Method: : iiability:	7198893 Monitoring and Test Hole Monitoring and Test Hole Z164424	65.0 / 1.08	ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	3/20/2013 Yes 7241 7 4 CRYSTAL BEACH RD. OTTAWA	wwis
20 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:	Date: rr Use: se: atus: ial: Method: : liability: rock:	7198893 Monitoring and Test Hole Monitoring and Test Hole Z164424	65.0 / 1.08	ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession:	3/20/2013 Yes 7241 7 4 CRYSTAL BEACH RD. OTTAWA	wwis
20 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	Date: rr Use: se: atus: ial: Method: : liability: rock:	7198893 Monitoring and Test Hole Monitoring and Test Hole Z164424	65.0 / 1.08	ON 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:	3/20/2013 Yes 7241 7 4 CRYSTAL BEACH RD. OTTAWA	wwis
20 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/H Pump Rate:	Date: rr Use: se: atus: ial: Method: : liability: rock: Bedrock:	7198893 Monitoring and Test Hole Monitoring and Test Hole Z164424	65.0 / 1.08	ON 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:	3/20/2013 Yes 7241 7 4 CRYSTAL BEACH RD. OTTAWA	wwis
20 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	Date: rr Use: se: atus: ial: Method: : iability: rock: Bedrock: Level:	7198893 Monitoring and Test Hole Monitoring and Test Hole Z164424	65.0 / 1.08	ON 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:	3/20/2013 Yes 7241 7 4 CRYSTAL BEACH RD. OTTAWA	wwis
Hole Diamete 20 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:	Date: rr Use: se: atus: ial: Method: : iability: rock: Bedrock: Level:	7198893 Monitoring and Test Hole Monitoring and Test Hole Z164424	65.0 / 1.08	ON 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:	3/20/2013 Yes 7241 7 4 CRYSTAL BEACH RD. OTTAWA	wwis

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	L	ЪВ
Clear/Cloudy	:					

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/719\7198893.pdf

Bore Hole Information

Bore Hole ID: DP2BR:	1004265163	Elevation: Elevrc:	64.757324
Spatial Status:		Zone:	18
Code OB:		East83:	434583
Code OB Desc:		North83:	5022404
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	2/27/2013	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks: Elevrc Desc:		Location Method:	wwr

Overburden and Bedrock Materials Interval

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

Formation ID:	1004914784
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0
Formation End Depth:	2.13
Formation End Depth UOM:	m

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

Plug ID:	1004914792
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

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

Plug ID:	1004914793
Layer:	2
Plug From:	0.31
Plug To:	2.13
Plug Depth UOM:	m

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

 Plug ID:
 1004914794

 Layer:
 3

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug From:		2.13			
Plug To:		5.49 m			
Plug Depth U	OM:	m			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons		1004914791			
Method Cons Method Cons	truction Code:	D Direct Push			
	d Construction:	Direct i usii			
Pipe Informa	<u>tion</u>				
Pipe ID:		1004914783			
Casing No:		0			
Comment: Alt Name:					
Construction	Record - Casing				
Casing ID:		1004914787			
Layer:		1			
Material:		5			
Open Hole or Depth From:	Material:	PLASTIC 0			
Depth To:		2.44			
Casing Diam		4.03			
Casing Diam		cm			
Casing Dept	DOM:	m			
<u>Construction</u>	Record - Screen				
Screen ID:		1004914788			
Layer:		1			
Slot:)onthe	10 2.44			
Screen Top L Screen End L		2.44 5.49			
Screen Mater		5			
Screen Dept		m			
Screen Diam Screen Diam		cm 4.82			
Water Details	;				
Water ID:		1004914786			
Layer:					
Kind Code:					
Kind: Water Found	Donth				
Water Found Water Found	Depth UOM:	m			
Hole Diamete	<u>er</u>				
Hole ID:		1004914785			
Diameter:		8.25			
Depth From:		0			
Depth To: Hole Depth U	IOM·	5.49 m			
noie Depuil O	er UOM:	cm			

Map Key	Numbe Record	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>21</u>	1 of 2	E/135.4	65.0 / 1.08	4 CRYSTAL BEACH OTTAWA ON	I DR.	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 Bed Well Depth: Overburden, Pump Rate: Static Water Flowing (Y/M	ter Use: Use: tatus: orial: n Method: n): eliability: drock: /Bedrock: r Level:	g and Test Hole g and Test Hole		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:	3/20/2013 Yes 7241 7 4 CRYSTAL BEACH DR. OTTAWA NEPEAN TOWNSHIP	

 $https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/719\7198894.pdf$

Bore Hole Information

Bore Hole ID: DP2BR:	1004265166	Elevation: Elevrc:	64.76139
Spatial Status:		Zone:	18
Code OB:		East83:	434583
Code OB Desc:		North83:	5022406
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	2/26/2013	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location			
Improvement Location			
Source Revision Com	ment:		
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	1004914838 1 6 BROWN 02 TOPSOIL
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0
Formation End Depth:	.31
Formation End Depth UOM:	m

Overburden and Bedrock

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Materials Inte	erval				
Formation ID):	1004914840			
Layer:		3			
Color:		2 CDEV			
General Colo Mat1:	or:	GREY			
Matt: Most Commo	on Motorial:	05 CLAY			
Mat2:	on Malenal.	06			
Mat2 Desc:		SILT			
Mat2 Dese. Mat3:		85			
Mat3 Desc:		SOFT			
Formation To	op Depth:	2.13			
Formation E	nd Depth:	5.49			
Formation E	nd Depth UOM:	m			
<u>Overburden a</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID) <u>:</u>	1004914839			
Layer:		2			
Color:		6			
General Cold	or:	BROWN			
Mat1:		05			
Most Commo	on Material:	CLAY 28			
Mat2: Mat2 Desc:		28 SAND			
Mat2 Desc. Mat3:		85			
Mat3 Desc:		SOFT			
Formation To	on Denth:	.31			
Formation E	nd Depth:	2.13			
	nd Depth UOM:	m			
<u>Annular Spaces Sealing Reco</u>	ce/Abandonment_ ord				
Plug ID:		1004914850			
Layer:		3			
Plug From:		2.13			
Plug To:		5.49			
Plug Depth U	JOM:	m			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
- Plug ID:		1004914848			
Layer:		1004914646			
Plug From:		0			
Plug To:		0.31			
Plug Depth L	JOM:	m			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID:		1004914849			
Layer:		2			
Plug From:		0.31			
Plug To:		2.13			
Plug Depth U	JOM:	m			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				

Мар Кеу	Number Records		ction/ ance (m)	Elev/Diff (m)	Site		DB
Method Cons Method Cons Method Cons Other Method	struction Co struction:	Boring					
<u>Pipe Informa</u>	<u>tion</u>						
Pipe ID: Casing No: Comment: Alt Name:		1004914 0	4837				
Construction	Record - Ca	asing					
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Depth	eter: eter UOM:	1004914 1 5 PLASTI6 0 2.49 10.16 cm m					
Construction	Record - So	reen					
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mateu Screen Depti Screen Diam Screen Diam	Depth: rial: h UOM: eter UOM:	1004914 1 2.44 5.49 5 m cm	1844				
<u>Water Details</u> Water ID: Layer: Kind Code: Kind: Water Found	_	1004914	4842				
Water Found		: m					
<u>Hole Diamete</u> Hole ID: Diameter: Depth From: Depth To: Hole Depth L Hole Diamete	IOM:	1004914 30.48 0 5.49 m cm	4841				
<u>21</u>	2 of 2	E/135.	4	65.0 / 1.08	4 CRYSTAL BEAC OTTAWA ON	H ROAD	wwis
Well ID: Construction Primary Wate	Date:	7216114 Monitoring and Te	st Hole		Data Entry Status: Data Src: Date Received:	2/10/2014	
88	erisinfo.com	<u>n</u> Environmenta	al Risk Infoi	mation Servic	es		Order No: 21012100004

	Records	Distance (m)	(m)			
Sec. Water Use	e: 0			Selected Flag:	Yes	
Final Well Statu	us: Abar	ndoned-Other		Abandonment Rec:	Yes	
Water Type:				Contractor:	7241	
Casing Materia	1:			Form Version:	7	
Audit No:	Z179	9999		Owner:		
Tag:	A141	1801		Street Name:	4 CRYSTAL BEACH ROAD	
Construction N	lethod:			County:	OTTAWA	
Elevation (m):				Municipality:	NEPEAN TOWNSHIP	
Elevation Relia				Site Info:		
Depth to Bedro	ock:			Lot:		
Well Depth:				Concession:		
Overburden/Be	edrock:			Concession Name:		
Pump Rate:				Easting NAD83:		
Static Water Le	evel:			Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloudy:						
PDF URL (Map)):					
Bore Hole Infor	r <u>mation</u>					
Bore Hole ID:	1004	4707000		Elevation:	64.76139	
DP2BR:				Elevrc:		
Spatial Status:				Zone:	18	
Code OB:				East83:	434583	
Code OB Desc	:			North83:	5022406	
Open Hole:				Org CS:	UTM83	
Cluster Kind:				UTMRC:	4	
Date Complete	d: 12/1	2/2013		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks: Elevrc Desc:				Location Method:	wwr	
Improvement L Source Revisio Supplier Comn		d:				
<u>Annular Space</u> Sealing Record	/Abandonment	<u>t</u>				
Plug ID:		1005074994				
Layer:		3				
Plug From:		1.83				
Plug To:		1.05				
Plug Depth UO	М:	m				
<u>Annular Space</u> Sealing Record	/Abandonment	<u>t</u>				
Plug ID:	-	1005074992				
Layer:		1				
Plug From:		0				
Plug To:		0.31				
Plug Depth UO	М:	m				
<u>Annular Space</u> Sealing Record	/Abandonment	<u>t</u>				
Plug ID:		1005074993				
Layer:		2				
		0.31				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To: Plug Depth U	IOM:	1.83 m			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	1005074991			
<u>Pipe Informa</u>	tion				
Pipe ID: Casing No: Comment: Alt Name:		1005074983 0			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Depth	eter: eter UOM:	1005074987 1 5 PLASTIC 10 cm m			
Construction	Record - Screen				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mater Screen Depth Screen Diamo	Depth: rial: h UOM: eter UOM:	1005074988 1 5 m cm 10.92			
Water Details	1				
Water ID: Layer: Kind Code: Kind: Water Found	Denth:	1005074986			
Water Found	Depth UOM:	m			
Hole Diamete	<u>er</u>				
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	IOM: er UOM:	1005074985 20.32 0 1.83 m cm			

22 Order No: Status: Report Type: Report Date: Date Receive Previous Site	1 of 1	ESE/135.8	64.9 / 1.00		Elterwater Avenue, 4	
Status: Report Type: Report Date: Date Receive Previous Site				Ottawa ON	and 5 Ullswater	EHS
Previous Site		20111108028 C Custom Report 11/14/2011 11/8/2011 11:41:57 AM		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X:	ON 0.25 -75.835269	
Lot/Building Additional In	e Name: Size:			Y:	45.351599	
<u>23</u>	1 of 1	E/137.5	65.0 / 1.08	4 CRYSTAL BEACH I OTTAWA ON	RD. lot 13 con 1	ww
<i>Well ID:</i> Construction	Date:	7198892		Data Entry Status: Data Src:		
Primary Wate		Monitoring and Test Hole	9	Date Received:	3/20/2013	
Sec. Water U		J		Selected Flag:	Yes	
Final Well Sta	atus:	Monitoring and Test Hole	9	Abandonment Rec:		
Nater Type:	vial			Contractor:	7241 7	
Casing Mater Audit No:	nai:	Z164463		Form Version: Owner:	7	
Tag:		A141806		Street Name:	4 CRYSTAL BEACH RD.	
Construction	Method:			County:	OTTAWA	
Elevation (m)				Municipality:	NEPEAN TOWNSHIP	
Elevation Rel Depth to Bed				Site Info: Lot:	013	
Nell Depth:	IOCK.			Concession:	01	
Overburden/l	Bedrock:			Concession Name:	OF	
Pump Rate:				Easting NAD83:		
Static Water				Northing NAD83:		
Flowing (Y/N) Flow Rate:):			Zone: UTM Reliability:		
Clear/Cloudy	:			o na Kenabinty.		
PDF URL (Ma	ap):	https://d2khazł	8e83rdv.cloudfront.n	et/moe_mapping/downloads/	2Water/Wells_pdfs/719\7198892.pdf	
Bore Hole Inf	formation					
Bore Hole ID:	:	1004265160		Elevation:	64.757514	
DP2BR: Spatial Statu	e •			Elevrc: Zone:	18	
Spatial Statu: Code OB:	5.			Zone: East83:	18 434585	
Code OB Des	sc:			North83:	5022410	
Open Hole:				Org CS:	UTM83	
Cluster Kind:		0/07/0040		UTMRC:	5 morein of error : 100 m - 200 m	
Date Comple Remarks:	ted:	2/27/2013		UTMRC Desc: Location Method:	margin of error : 100 m - 300 m wwr	
Elevrc Desc:				Location method.	vv vvi	
ocation Sou	Irce Date:					
mprovement						
mprovement Source Revis						
Supplier Con		ient.				
<u>Overburden a</u> Materials Inte		<u>ck</u>				
		4004044700				
Formation ID Layer:	5	1004914730 1				
91	and a limit	om Environmental Risk			Order No: 2101	040000

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DI
Color:		6			
General Color	:	BROWN			
Mat1:		02			
Most Commo	n Material:	TOPSOIL			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat2: Dese.		85			
Mat3 Desc:		SOFT			
Formation To	n Donth:	0			
Formation En		2.13			
Formation En	d Depth UOM:	m			
<u>Overburden a</u> Materials Intel					
Formation ID:		1004914731			
Layer:		2			
Color:		2			
General Color		GREY			
Mat1: Maat Commo	n Matarial.				
Most Commoi	n wateriai:	CLAY			
Mat2:		06 011 T			
Mat2 Desc:		SILT			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation To		2.13			
Formation En		6.1			
Formation En	d Depth UOM:	m			
Annular Space Sealing Recor	<u>e/Abandonment</u> ′ <u>d</u>				
Plug ID:		1004914739			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth U	ОМ:	m			
<u>Annular Spac</u> Sealing Recor	<u>e/Abandonment</u> rd				
Plug ID:		1004914741			
Layer:		3			
Layer. Plug From:		2.74			
		2.74 6.1			
Plug To: Plug Depth U(о <i>м</i> -	6.1 m			
ay Departu	~				
Annular Space Sealing Recor	e/Abandonment_ rd				
Plug ID:		1004914740			
Layer:		2			
Plug From:		0.31			
Plug To:		2.74			
Plug Depth U	ОМ:	m			
Method of Col Use	nstruction & Well				
Method Const	truction ID:	1004914738			
Method Const	truction Code:	D			
	truction:	Direct Push			

Other Method Construction:

Pipe Information

Pipe ID:	1004914729
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004914734
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.1
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004914735
Layer:	1
Slot:	10
Screen Top Depth:	3.1
Screen End Depth:	6.1
Screen Material:	5
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.81

Water Details

Water ID:	1004914733
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1004914732
Diameter:	8.25
Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

24 1 of 1	E/137.7	65.0 / 1.08	233 ELTERWATER / OTTAWA ON	AVE.	WWIS
Well ID: Construction Date:	7176933		Data Entry Status: Data Src:		
Primary Water Use: Sec. Water Use:	Monitoring and Test Hole 0		Date Received: Selected Flag:	2/17/2012 Yes	
Final Well Status:	Monitoring and Test Hole		Abandonment Rec:	103	
Water Type:			Contractor:	7241	
Casing Material:			Form Version:	7	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Audit No: Tag: Construction Elevation (m) Elevation Rei Depth to Bed Well Depth: Overburden// Pump Rate: Static Water Flowing (Y/N, Flow Rate: Clear/Cloudy): liability: lrock: Bedrock: Level:):			Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	233 ELTERWATER AVE. OTTAWA NEPEAN TOWNSHIP	

 $https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717 \ 7176933.pdf$

Bore Hole Information

Bore Hole ID: DP2BR:	1003693846	Elevation: Elevrc:	64.734962
Spatial Status:		Zone:	18
Code OB:		East83:	434585
Code OB Desc:		North83:	5022394
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	12/20/2011	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date Improvement Locatio Improvement Locatio Source Revision Con	n Source: n Method:		

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

Supplier Comment:

Formation End Depth UOM: m

Overburden and Bedrock

Natei	rials	Inter	val

Formation ID:	1004092982
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc: Formation To Formation E Formation E	op Depth: nd Depth: nd Depth UOM:	SOFT 3.66 6.1 m			
<u>Overburden</u> Materials Inte	and Bedrock erval				
Formation IE Layer: Color: General Colo Mat1: Most Commo Mat2: Mat3 Desc: Formation Te Formation E	or: on Material: op Depth:	1004092980 1 6 BROWN 28 SAND 06 SILT 85 SOFT 0 1.5 m			
	ce/Abandonment				
Plug ID: Layer: Plug From: Plug To: Plug Depth U		1004092991 2 0.31 2.74 m			
<u>Annular Spa</u> <u>Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1004092992 3 2.74 6.1 m			
<u>Annular Spa</u> <u>Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1004092990 1 0 0.31 m			
<u>Method of Co Use</u>	onstruction & Well				
Method Con	struction Code:	1004092989 B Other Method D.P.			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No:		1004092979 0			

Comment: Alt Name:

Construction Record - Casing

Casing ID:	1004092985
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.1
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004092986
	1
Layer:	•
Slot:	10
Screen Top Depth:	3.1
Screen End Depth:	6.1
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

1004092984
m

Hole Diameter

Hole ID:	1004092983
Diameter:	8.25
Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

<u>25</u>	1 of 1	E/137.9	65.0 / 1.08	4 CRYSTAL BEACH OTTAWA ON	RD	wwis
Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Beo Well Depth:	er Use: lse: atus: rial: n Method:): liability:	7216115 Monitoring and Test Hole 0 Abandoned-Other Z179997 A135014		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession:	2/10/2014 Yes Yes 7241 7 4 CRYSTAL BEACH RD OTTAWA NEPEAN TOWNSHIP	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		Ľ
Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:	evel:			Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map	o):					
Bore Hole Info	ormation					
Bore Hole ID:	1004707	7003		Elevation:	64.730834	
OP2BR:				Elevrc:		
Spatial Status	:			Zone:	18	
Code OB:				East83:	434585	
Code OB Desc	C:			North83:	5022392	
Open Hole:				Org CS:	UTM83	
Cluster Kind:				UTMRC:	4	
Date Complete	ed: 12/12/20)13		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:				Location Method:	wwr	
Elevrc Desc:	-					
Location Sour						
	Location Source:					
	Location Method:					
Source Revisi Supplier Com	on Comment: ment:					
Annular Space Sealing Recor	e/Abandonment_ ˈd					
Plug ID:		1005075005				
Layer:		2				
Plug From:		0.31				
Plug To:		1.83				
Plug Depth UC	OM:	m				
<u>Annular Space</u> Sealing Recor	e/Abandonment_ ːd					
Plug ID:		1005075006				
Layer:		3				
Plug From:		1.83				
Plug To:						
Plug Depth UC	ОМ:	m				
Annular Space Sealing Recor	e/Abandonment_ ˈd					
Plug ID:		1005075004				
Layer: Blug From:		1				
Plug From:		0 0.31				
Plug To: Plug Depth UC	л <i>м-</i>					
nug Depth UC	JWI:	m				
<u>Method of Cor</u> <u>Use</u>	nstruction & Well					
Method Const	truction Code:	1005075003				

Map Key	Number Records		Elev/Diff) (m)	Site		DB
Pipe Informa	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		1005074995 0				
<u>Construction</u>	Record - Ca	asing				
Casing ID: Layer: Material:		1005074999 1 5				
Open Hole ol Depth From: Depth To:		PLASTIC				
Casing Diam Casing Diam Casing Deptl	eter UOM:	4.03 cm m				
Construction	Record - Se	creen				
Screen ID: Layer: Slot:		1005075000 1				
Screen Top L Screen End L Screen Mater Screen Deptl	Depth: rial:	5 m				
Screen Depu Screen Diam Screen Diam	eter UOM:	cm 4.21				
Water Details	i					
Water ID: Layer: Kind Code: Kind:	Denth	1005074998				
Water Found Water Found		<i>!:</i> m				
<u>Hole Diamete</u>	<u>er</u>					
Hole ID: Diameter: Depth From:		1005074997 20.32 0				
Depth To: Hole Depth U Hole Diamete		1.83 m cm				
<u>26</u>	1 of 1	E/138.4	65.0 / 1.08	233 ELTER WATER / OTTAWA ON	AVE. lot 13 con 1	wwis
Well ID: Construction	Date:	7176932		Data Entry Status: Data Src:		
Primary Wate Sec. Water U Final Well Sta	se:	Monitoring and Test Hole 0 Monitoring and Test Hole		Date Received: Selected Flag: Abandonment Rec:	2/17/2012 Yes	
Water Type: Casing Mater Audit No:		Z134432		Contractor: Form Version: Owner:	7241 7	
Tag:		A123748		Street Name:	233 ELTER WATER AVE.	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		
Elevation (m Elevation Re Depth to Bee Well Depth:	Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock:			County: Municipality: Site Info: Lot: Concession: Concession Name:	OTTAWA NEPEAN TOWNSHIP 013 01 OF	
Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	l):			Easting NAD83: Northing NAD83: Zone: UTM Reliability:		

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7176932.pdf

Bore Hole Information

Bore Hole ID: DP2BR:	1003697035	Elevation: Elevrc:	64.754859
Spatial Status:		Zone:	18
Code OB:		East83:	434586
Code OB Desc:		North83:	5022407
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	12/20/2011	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date	:		
Improvement Location			
Improvement Location			
Source Revision Com	iment:		
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004092913
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	3.66
Formation End Depth:	6.1
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004092912
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1.5

Formation ID: 1004092911 .ayer: 1 Color: 6 Seneral Color: BROWN Mat1: 28 Most Common Material: SAND Mat2: 06 Formation Top Depth: 0 Formation End Depth: 1.5 Formation End Depth UOM: m Annular Space/Abandonment Noutouspace Plug ID: 1004092921 ayer: 1 Plug From: 0 Plug From: 0.31 Plug Depth UOM: m Manular Space/Abandonment Manual Amanuar Aman	Map Key Num Reco	ber of Direction/ ords Distance (Site	Ľ
databab laterad 000092211 oform 6 oform 6 oformon Material: 23 oformon Material: 23 oformon Material: 24 oformon Material: 24 oformon Material: 24 oformon Material: 24 oformon Material: 25 oformon Material: 26 oformon Material: 004092921 oformon: 274 ofor: 274 ofor: 274	Formation End Dept Formation End Dept	h: 3.66 h UOM: m		
ayer: 1 Stor: B Stor: B Stor: B Stor: B Stor: B Mat: SAND Mat: <	Overburden and Bec Materials Interval	lrock_		
ayer: 1 Stor: B Stor: B Stor: B Stor: B Stor: B Mat: SAND Mat: <	Formation ID:	1004092911		
Color: 6 Beneral Color: BROWN Matt: 28 Matt: 28 Matt: 06 Gromation Top Depth: 0 Ormation End Depth: 1.5 Prog ID: 1004092921 ayer: 1 Map ID: 0.1 Map ID: 0.1 Map ID: 0.31 Map ID: 0.31 Map ID: 2.74 Map ID: 0.31 Map ID: 1004092923 ayer: 3 Map Form: 2.74 Map ID: 1004092923 Map Form: 2.74 Map Form: 3				
fart: 28 fart: SAND formation End Depth: O formation End Depth: Notifier Sandomment fart: Sandomment fart: Sandomment fart: O form: O for: Sandomment fart: Sandomment				
des: SAND def: 06 def2 SS def3: SS def3: SS def3 SS def3 <t< td=""><td></td><td></td><td></td><td></td></t<>				
hat2: 06 hat2: Silt T hat3: Sitt T hat7: Sitt T		-		
Index SIT Hat3 85 Hat3 85 Hat3 SOFFT Sormation Epd Depth: 0 Sormation End Depth: 1.5 Sormation End Depth: 1.5 Sormation End Depth: 0 Nug ID: 1004092921 ayer: 1 Nug Forn: 0 Nug For: 0.31 Nug ID: 1004092922 ayer: 2.74 Nug For: 2.74 Nug For: 3.1 Nug For: 2.74 Nug For: 2.74 Nug For: 2.74 Nug For: 2.74 Nug For: 0.1 Nug For: 0.1 Nug For: 0.1 Nug For:				
Institute Sec Institute Sorr Formation Top Depth: 0 Formation Top Depth: 1.5 Formation End Depth: 1.5 Formation End Depth: 0 Institute: 1004092921 Apr: 1 Nug To: 0.31 Nug To: 0.31 Nug Depth UOM: m Institute: 0.31 Nug To: 0.31 Nug To: 0.31 Nug To: 2 Nug Form: 0.31 Nug To: 2.74 Nug Form: 2.74 Nug Form: 2.74 Nug Form: 3.1 Nug Form: 2.74 Nug Form: 3.1 Nug Form: 2.74 Nug Form:				
cormation Top Depth:: 0 cormation Top Depth:: 1.5 cormation End Depth UOM: m tunular. Space/Abandonment. b selling Record 1004002221 sper: 1 sper: 0 sper: 0 sper: 0 sper: 0 sper: 0 sper: 0 sper: 0.31 sper: 2 sper: 2 sper: 2.74 sper: 3.1 sper: 3.1 sper: 3.31 sper: 2.74 sper: 3.3 sper: 3.3 sper: 3.3 sper: 3.31				
formation End Depti: 1.5 formation End Depti: m innular Space/Abandonment:				
Formation End Depth UOM: m Annular Space/Abandonment. Bealing Record 1004092921 Annular Space/Abandonment. 0 Anger: 0 Anger: 0.31 Ping Form: 0.31 Ping Depth UOM: m Annular Space/Abandonment. Beating Record Annular Space/Abandonment. Beating Record Annular Space/Abandonment. 2 Annular Space/Abandonment. 2 Annular Space/Abandonment. 2 Annular Space/Abandonment. 2 Ping Form: 0.31 Annular Space/Abandonment. 3 Annular Space/Abandonment. m Anger: 3 Anger: 1004092923 Anger: 1040092920 Method Construction ID:	Formation Top Dept	h: 0		
Annular Space/Abandonment Belling Record "Nug ID: 1004092921 ayer: 1 Tug Forn: 0 "Nug To: 0.31 "Nug Pepth UOM: m Annular Space/Abandonment. Belling Record Plug ID: 0.004092922 ayer: 2 Plug Forn: 0.31 Plug Forn: 2.74 Plug DD: 1004092923 ayer: 3 Plug Forn: 2.74 Plug DD: 1004092923 ayer: 3 Plug Forn: 2.74 Plug Do: 1004092920 Method Construction DD: Bouldong Plug Forn: 2.74 Plug Do: 1004092920 Method Construction: D.P. Plug				
Bigling Record 0040092921 Pung ID: 0 Pung From: 0 Nug Depth UOM: 0 Nug Depth UOM: 0 Annular Space/Abandonment. 0 Bealing Record 0 Pung From: 0 Pung From: 0.31 Pung From: 0.1004092923 Pung From: 2.74 Pung From: 0.1004092920 Method Construction & Well 1004092920 Method Construction: 0.P. Pung Method Construction: 0.P. Pung Form: <td>ormation End Dept</td> <td><i>h UOM:</i> m</td> <td></td> <td></td>	ormation End Dept	<i>h UOM:</i> m		
ayer: 1 Plug From: 0 Nug To: 0.31 Plug Depth UOM: m		<u>donment</u>		
ayer: 1 Plug From: 0 Nug To: 0.31 Plug Depth UOM: m Annular Space/Abandonment. Sealing Record Plug ID: 1004092922 ayer: 2 Plug To: 0.31 Plug ID: 1004092922 ayer: 2 Plug Form: 0.31 Plug Depth UOM: m Annular Space/Abandonment. Sealing Record Plug ID: 1004092923 ayer: 3 Plug To: 6.1 Plug To: 6.1 Plug To: 6.1 Plug To: 1004092920 Method of Construction & Well Sealing Plug Hethod Viter Method Construction : D.P. Plug Form: D.P. Plug Form: D.P. Plug Form: 1004092920 Method Construction: D.P. Plug Form: D.P. Plug Form: D.P. Plug Form: 1004092920 Method Construction: D.P. Plug Information	Plua ID:	1004092921		
Plug From: 0 Ving To: 0.31 Plug Depth UOM: m Annular Space/Abandonment. Sealing Record Plug ID: 1004092922 ayer: 2 Plug From: 0.31 Wing To: 2 Plug From: 0.31 Wing To: 2.74 Plug Depth UOM: m Annular Space/Abandonment. Sealing Record Plug ID: 1004092923 ayer: 3 Plug To: 0.1004092923 ayer: 3 Plug To: 6.1 Plug To: 6.1 Plug Depth UOM: m Method Construction & Well Sealing Record Ving To: 1004092920 Method Construction Code: B Method Construction ID: 1004092920 Method Construction: D.P. Plue Information D.P. Plue Information D.P. Plue Information 0				
Prug Depth UOM: m Annular Space/Abandonment.				
Annular Space/Abandonment Sealing Record Plug ID: 1004092922 ayer: 2 Plug From: 0.31 Plug To: 2.74 Plug Depth UOM: m Annular Space/Abandonment ************************************	Plug To:	0.31		
Sealing Record 1004092922 ayer: 2 Plug From: 0.31 Nug To: 2.74 Plug Depth UOM: m Annular Space/Abandonment	Plug Depth UOM:	m		
ayer: 2 Plug From: 0.31 Plug Depth UOM: m Annular Space/Abandonment. m Sealing Record 1004092923 Plug ID: 1004092923 ayer: 3 Plug Tom: 2.74 Plug Tom: 2.74 Plug Tom: 2.74 Plug To: 6.1 Plug Depth UOM: m Method of Construction & Well. jse Jse 1004092920 Wethod Construction Code: B Wethod Construction: D.P. Pipe ID: 1004092910 Construction: 0 Pipe ID: 1004092910 Casing No: 0	Annular Space/Aban Sealing Record	<u>donment</u>		
ayer: 2 Plug From: 0.31 Plug Depth UOM: m Annular Space/Abandonment. m Sealing Record 1004092923 Plug ID: 1004092923 ayer: 3 Plug Tom: 2.74 Plug Tom: 2.74 Plug Tom: 2.74 Plug To: 6.1 Plug Depth UOM: m Method of Construction & Well. jse Jse 1004092920 Wethod Construction Code: B Wethod Construction: D.P. Pipe ID: 1004092910 Construction: 0 Pipe ID: 1004092910 Casing No: 0	Plug ID:	1004092922		
Pug To: 2.74 Pug Depth UOM: m Annular Space/Abandonment. m Sealing Record 1004092923 Pug ID: 1004092923 ayer: 3 Pug To: 3 Pug To: 6.1 Pug Depth UOM: m Method of Construction & Well	.ayer:			
Plug Depth UOM: m Annular Space/Abandonment.	Plug From:			
Annular Space/Abandonment Sealing Record Plug ID: 1004092923 Layer: 3 Plug From: 2.74 Plug To: 6.1 Plug Depth UOM: m Method of Construction & Well Ise Method Construction ID: 1004092920 Method Construction: 0 Other Method Other Method Dipe ID: 004092910 Sasing No: 0 Somment: 0				
Sealing Record 1004092923 Plug ID: 3 Plug From: 2.74 Plug To: 6.1 Plug Depth UOM: m Acthod of Construction & Well. Image: Construction & Well. Ise 1004092920 Acthod Construction ID: 1004092920 Acthod Construction: Other Method Other Method Construction: Differ Method Differ ID: 004092910 Casing No: 0	Plug Depth UOM:	m		
ayer: 3 Plug From: 2.74 Plug To: 6.1 Plug Depth UOM: m Aethod of Construction & Well		<u>donment</u>		
Plug From: 2.74 Plug To: 6.1 Plug Depth UOM: m Method of Construction & Well		1004092923		
Plug To: 6.1 Plug Depth UOM: m Method of Construction & Well				
Plug Depth UOM: m Method of Construction & Well Jse Interface Method Construction ID: 1004092920 Method Construction Code: B Method Construction: Other Method Other Method Construction: D.P. Pipe Information Interface Pipe ID: 1004092910 Casing No: 0	Plug From:			
Ise 1004092920 Method Construction Code: B Method Construction: Other Method Other Method Construction: D.P. Pipe Information D.P. Pipe ID: 1004092910 Casing No: 0 Comment: 0				
Method Construction ID: 1004092920 Method Construction Code: B Method Construction: Other Method Dither Method Construction: D.P. Pipe Information D.P. Pipe ID: 1004092910 Casing No: 0 Comment: 0		ion & Well		
Method Construction Code: B Method Construction: Other Method Dather Method Construction: D.P. Pipe Information D.P. Pipe ID: 1004092910 Casing No: 0 Comment: 0		1004092920		
Method Construction: Other Method Differ Method Construction: D.P. Pipe Information D.P. Pipe ID: 1004092910 Casing No: 0 Comment: 0				
Pipe Information Pipe ID: 1004092910 Casing No: 0 Comment:				
Pipe ID: 1004092910 Casing No: 0 Comment: 0	Other Method Const	ruction: D.P.		
Casing No: 0 Comment:	Pipe Information			
Comment:				
		0		
art name:				
	ut Name:			

Construction Record - Casing

Casing ID:	1004092916
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.1
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004092917
Layer:	1
Slot:	10
Screen Top Depth:	3.1
Screen End Depth:	6.1
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1004092915
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m
-	

Hole Diameter

Hole ID:	1004092914
Diameter:	8.25
Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

<u>27</u>	1 of 1	E/139.4	65.0 / 1.08	4 CRYSTAL BEACH I OTTAWA ON	DR.	wwis
Well ID: Construction Primary Water Sec. Water Final Well S Water Type Casing Mate Audit No: Tag: Construction Elevation (Elevation For Depth to B	ater Use: Use: Status: e: terial: on Method: m): Reliability: edrock:	7198880 Monitoring and Test Hole Monitoring and Test Hole Z164316 A141802		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	3/20/2013 Yes 7241 7 4 CRYSTAL BEACH DR. OTTAWA NEPEAN TOWNSHIP	
Well Depth Overburde Pump Rate	n/Bedrock:			Concession: Concession Name: Easting NAD83:		

Static Water Level: Forwing (VA): Flow Rate: Clear/Cloudy: PDF URL (Map): THDS://d2khazk8683rdv.cloudfront.net/mos_mapping/downloads/2Water/Weils_pdfs7719/7198880.pdf Bore Hole ID: 1004255032 Elevation: 64.748268 Bere Hole Information Bore Hole ID: 1004255032 Elevation: 64.748268 Bereva: 84.897 Bore Hole ID: 1004255032 Elevar: 18 Code DB: 2006: 00 DP2BR: 2007 DP2BR:	Мар Кеу	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Flow Rate: UTM Reliability: Clear/Cloudy: https://d2khazk8e83rdv.cloudfront.net/moe_mappingid/ownloads/2/Water/Wells_pdfs/719/7198880.pdf Bore Hole ID: 1004265032 Elevation: 64.748288 Code OB Boes: Worthids: 20.822404 0.0011 Open Hole: Org GS: UTMRC 0.922404 Date Completed: 22.82013 UTMRC bees: margin oteror: 30 m - 100 m Location Source Date: Improvement Location Method: Source Revision Comment: Source Revision Comment: Source Revision Comment: Source Revision Comment: Source Revision Comment: Source Revision Comment: Opentucten and Bedrock Sourcenevision Comment:								
ChearCloudy: DP FURL (Map): https://d2khazk8e83rdv.doudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/719/7198880.pdf Bare Hole Information Bore Hole Inf		Ŋ:						
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2/Water/Wells_pdfs/19/19/198880.pdf Bore Hole D: 1004255932 Elevation 4.748268 DP2Br: East83: 434587 Code OB Bese: January Control 19/10/10/19/10/10/19/10/19/10/19/10/19/10/19/10/19/10/19/10/19/10/19/10/19/10/10/19/10/10/19/10/19/10/10/10/19/10/10/10/19/10/10/10/19/10/10/10/19/10/10/19/10/10/19/10/10/19/10/10/19/10/10/19/10/10/19/10/10/19/10/10/19/10/10/19/10/10/19/10/10/10/19/10/10/19/10/10/19/10/10/19/10/10/19/10/10/19/10/10/19/10/10/19/10/10/10/19/10/10/19/10/10/10/10/10/10/10/10/10/10/10/10/10/						UTM Reliability:		
Bare Hole Information Bare Hole ID: 1004285032 Elevation: 64.748268 Spatial Strutus: Zone: 18 Open Hole: Open Hole: UTIMRC: 4 Open Enol: UTIMRC: 4 4 Date Completed: 2/26/2013 UTIMRC: 4 Source Revision Comment: Source Source Revision Comment: Location Method: wer Source Revision Comment: 1004914563 Elever Source Source<	Clear/Cloudy	/:						
Bore Hole Int. 1004285032 Elevre: 84.748268 Elevre: 30 Code OB Besc: 434587 content of the formation of the fore of the formation of the fore of the formation of the formatio	PDF URL (Ma	ap):	ł	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/download	s/2Water/Wells_pdfs/719\7198880.pdf	
DP28R: Elevre: Soptial Status: Zone: Soptial Status: East83: Code OD Desc: North83: Code OD Desc: Org CS: UTMR0 Conster Kind: UTMRC: 4 Date Completed: 2/26/2013 UTMRC: 4 Matrials Interval Source Revision Comment: Source Revision Comment: Source Comment: Sour	Bore Hole Int	<i>formation</i>						
Spatial Status: Zone: 18 Code OB: EastB2: 434587 Code OB Desc: WorthB3: 5022404 Open Hole: UTMRC: 4 Cluster Kind: UTMRC: A Date Completed: 2/28/2013 UTMRC: marging of error: 30 m - 100 m. Remarks: Location Method: wwr wrrestick Location Source Date: Improvement Location Method: wwr Source Revision Comment: Supplier Comment: wrrestick wrrestick Source Parise: 1004914563 status: status: status: Color: 6 General Color: BROWN status: status: status: Matz Desc: SOFT Somaton To: 1004914564 status: status: status: Sorration To: 1004914564 status: status: status: status: Sorration To: 1004914564 status: status: status: status: Color: Sor Sorration To: status:	Bore Hole ID	2	100426503	32		Elevation:	64.748268	
Code OB: East83: 434587 Open Hole: Org CS: UTMR0: Org CS: UTMR3: UTMR3: Cluster Kind: 2/25/2013 UTMR0:: 4 Date Completed: Supple: Www. Wwww. Source Date: Improvement Location Method: Wwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwww	DP2BR:					Elevrc:		
Code OD Poesc: North83: 5022014 Open Hole: UTMRC: 4 Date Completed: 2/26/2013 UTMRC: 4 Date Scale UTMRC: 4 Date Completed: 2/26/2013 UTMRC: ward Dete Completed: 2/26/2013 UTMRC: ward Source Revision Comment: Source Revision Comment: Source Revision Comment: Source Revision Comment: Source Revision Comment: 1004914563 Source Revision Comment: Source Revision Comment	Spatial Statu	s:				Zone:	18	
Open Hole: Org CS: UTMB3 Custer Kind: 2/26/2013 4 Date Completed: 2/26/2013 UTMRC: 4 Date Completed: 2/26/2013 UTMRC: 4 Constant Kind: Wart Wart Wart Elevic Desc: UTMRC: Wart Wart Location Source: Improvement Location Method: Wart Source Revision Comment: Source Revision Comment: Varther and Bedrock Materials Interval Formation ID: 1004914563 Varther and Bedrock Formation ID: 1004914563 Varther and Bedrock Varther and Bedrock Matr: 05 Goor: BROWN Varther and Source: Varther and Source: Matr: 05 Source Source: Source: Varther and Source: Varther and Source: Varther and Source: Wat2 26 Source:	Code OB:					East83:	434587	
Circles restricts UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr Remarks: Elever Desc: Location Source Date: Improvement Location Source: Improvement Location Source: Improvement Location Method: wwr Source Revision Comment: Source Revision Comment: Source Interval versure Date: Formation ID: 1004914563 Formation ID: 1004914563 versure Date: General Color: B Golor: 6 versure Date: General Color: Source Date: Source Patient Source: Source Source: Source Source: Source Source: Source Source: Source: Source Source: Sour	Code OB Des	sc:				North83:	5022404	
Date Completed: 2/20/2013 UTWIRC Desc: margin of error : 30 m - 100 m Location Method: www Elever Desc: Location Source Date: Improvement Location Method: www Source Revision Comment: Source Revision Comment: Suppler Comment: Suppler Comment: Deschurden and Bedrock Materials Interval Formation ID: 1004914563 Layer: 2 Color: 6 General Color: 6 General Color: 6 General Color: 5 Matifield Source Source Matifield Source Source Formation Top Depth: 31 Formation ID Depth: 188 Formation ID: 1004914564 Layer: 3 Color: 2 Constructed and Bedrock Matifield Source Formation ID: 1004914564 Layer: 3 Color: 2 Constructed Source Formation ID: 1004914564 Layer: 3 Color: 2 Constructed Source Matifield Source Formation ID: 1004914564 Layer: 3 Color: 2 Constructed Source Formation ID: 1004914564 Layer: 3 Color: 2 Constructed Source Source Formation ID: 1004914564 Layer: 3 Color: 2 Constructed Source Source Formation ID: 1004914564 Layer: 3 Color: 2 Color: 2 Constructed Depth: 1.88 Formation ID: 1004914564 Layer: 3 Color: 3 Color: 4 Source Formation ID: 1004914564 Layer: 5 Source Formation ID: 1004914564 Layer: 3 Color: 5 Constructed Depth: 5 Source Constructed Depth: 5 Source Constructed Depth: 5 Source Formation Top Depth: 5 Source Form	Open Hole:					Org CS:	UTM83	
Remarks: Location Method: wwr Location Source Date: Improvement Location Source: Improvement Location Source: Supplier Comment: Supplier C						UTMRC:		
Elevic Desc: Location Source Date: Improvement Location Method: Source Revision Comment: Supplier Comment: Supplier Comment: Overburden and Bedrock. Materials Interval Formation ID: 1004914563 Layer: 2 Color: 6 General Color: BROWN Matt: 05 Most Common Material: 28 Mat2 Desc: SAND Mat3: 85 Formation End Depth: 1.88 Formation End Depth: 1.88 Formation End Depth: 05 Most Common Material: 05 Most Common Material: 85 Formation End Depth: 1.88 Formation End Depth: 05 Mat2 Desc: 32 Color: 6 Color: 6 Color: 7 Supplier Common Material: 7 Supplier Common Material: 85 Formation End Depth: 1.88 Formation End Depth: 1004914564 Layer: 3 Color: 6 Color: 6 Common Material: 05 Most Common Mat	Date Comple	eted:	2/26/2013			UTMRC Desc:	margin of error : 30 m - 100 m	
Location Source Date: Improvement Location Method: Source Revision Comment: Supplier Comment: Supplier Comment: Corburden and Bedrock. Materials Interval Formation ID: 1004914563 Layer: 2 Color: 6 General Color: BROWN Mat1: 0 Source Date: 2 General Color: BROWN Mat1: 2 Source Date: 3 Source Source S	Remarks:					Location Method:	wwr	
Improvement Location Source: Source Revision Comment: Supplier Comment: Supplier Comment: Overburden and Bedrock. Materials Interval Formation ID: 1004914563 Layer: 2 Color: 6 General Color: BROWN Matt: 05 Most Common Material: CLAY Matt2 Desc: SAND Matt3 Desc: SOFT Formation End Depth: 1.88 Formation End Depth: 1.88 Formation End Depth: Move Formation End Depth: SA Materials Literval Formation ID: 1004914564 Layer: 3 Color: 2 General Color: 2 General Color: 3 General Color: 3 General Color: 4 Materials Literval Formation End Depth: 3 Materials Literval Formation ID: 1004914564 Layer: 3 General Color: 4 General Color: 5 GREY Matt2 M								
Improvement Location Method: Supplier Comment: Supplier Comment: Overburden and Bedrock. Materials Interval Formation ID: 1004914563 Layer: 2 Color: 6 General Color: BROWN Matt: 05 Matt: 05 Most Common Material: CLAY Mat2 Desc: SAND Mat2 Desc: SOFT Formation Top Depth: 3.1 Formation Top Depth: 1.88 Formation End Depth: 1.88 Formation End Depth: 004914564 Layer: 3 Color: 2 General Color: GREY Mat2: 05 Mat2 Desc: 3 Corrise 2 General Color: 4 Materials Interval Formation ID: 1004914564 Layer: 3 General Color: 4 GREY Materials Interval Formation Material: CLAY Materials Interval Formation ID: 1004914564 Layer: 3 General Color: 4 GREY Materials Interval Formation ID: 1004914564 Layer: 3 General Color: 4 GREY Mat2: 65 Mat3 Desc: 5 SILT Mat2: 65 Mat3 Desc: SILT Formation Fod Depth: 1.88 Formation Fod Depth: 1.88 Formation Fod Depth: 1.88 Formation Fod Depth: 1.88 Formation Fod Depth: 3.49 Formation Fod Depth: 3.49 Formation Fod Depth: 3.49 Formation Fod Depth: Mat2 Formation Fod Depth: 3.49 Formation Fod Depth: 3.49 Formation Fod Depth: 5.49 Formation Fod Depth: 5.49 Fod Fod Fod Fod Fod								
Source Revision Comment: Supplier Comment: Supplier Comment: Overburden and Bedrock Materials Interval Formation ID: 1004914563 Layer: 2 Color: 6 General Color: BROWN Mat1: 05 Mast Common Material: CLAY Mat2: 28 Mat2 Desc: SAND Mat3: 85 Mat3 Desc: SOFT Formation End Depth: 1.88 Formation End Depth: 004914564 Layer: 3 Color: 2 General Color: GREY Materials Interval Overburden and Bedrock Mat2: 06 Mat2 Desc: SILT Mat2: 06 Mat2 Desc: SILT Mat2: 06 Mat2: 65 Mat3: 85 Mat3 Desc: 9 CLAY Material: 188 Formation End Depth: 188 Formation D: 1004914564 Layer: 3 Color: 2 General Color: GREY Mat2: 06 Mat2 Desc: SILT Mat2: 06 Mat2 Desc: SILT Mat2: 66 Mat3 Desc: SOFT Formation End Depth: 1.88 Formation E								
Supplier Comment: Overburden and Bedrock. Materials Interval Formation ID: 1004914563 Layer: 2 Color: 6 General Color: BROWN Matt: 05 Most Common Material: CLAY Mat2: 28 Mat2: 31 Formation Top Depth: 31 Formation Top Depth: 1.88 Formation End Depth UOM: m Verburden and Bedrock Mat2: Mat2: 06 Mat2: 06 Color: 2 General Color: GREY Mat1: 05 Mat2: 66 Mat2: 06 Mat2: 66 Mat3: 85 Mat2: 66 Mat2: 85 Mat3: 85 Mat3: 85 Mat3: 85								
Overburden and Bedrock. Materials Interval Formation ID: 1004914563 Layer: 2 Color: 6 General Color: BROWN Matt: 05 Most Common Material: CLAY Mat2: 28 Mat3: 85 Mat3: 85 Mat3: 85 Formation Top Depth: 31 Formation Top Depth: 1.88 Formation End Depth UOM: m Overburden and Bedrock. Mat2 Mat2: 2 General Color: 3 Color: 3 Corris: 3 Color: 2 General Color: GREY Mat1: 05 Mat2: 06 Mat2: 06 Mat2: 85 Mat2: 85 Mat2: 85 Mat2: 66 Mat2: 85 Mat2: 85 Mat2: 85 Mat2: 85			ent:					
Materials Interval Formation ID: 1004914563 Laye: 2 Color: 6 General Color: BROWN Mat1: 05 Mat2: 28 Mat2: 29 Mat2: 28 Mat2: 29 Mat2: 28 Mat2: 28 Mat2: 29 Mat2: 28 Mat2: 29 Mat2: 28 Mat2: 28 Mat2: 28 Mat2: 28 Formation Top Depth: 31 Formation End Depth: 1.8 Formation End Depth: 1.8 Formation ID: 1004914564 Layer: 3 Color: 2 General Color: GREY Mat1: 05 Most Common Material: 04 Mat2: 06 Mat2: 06 Mat2: 05	Supplier Con	nment:						
Layer: 2 Color: 6 Goneral Color: BROWN Matt: 05 Most Common Material: CLAY Mat2: 28 Mat2: SAND Mat3: 85 Formation End Depth: 1.88 Formation End Depth: 1.88 Formation End Depth: 1.88 Formation End Depth UOM: m Overburden and Bedrock Matrials Interval Formation ID: 1004914564 Layer: 3 Color: 2 General Color: 6 Mat2: 05 Mat2: 05 Mat2: 06 Mat2: 06 Mat2: 06 Mat3: 85 Ma			: <u>k</u>					
Layer: 2 Color: 6 Goneral Color: BROWN Matt: 05 Most Common Material: CLAY Mat2: 28 Mat2: SAND Mat3: 85 Formation End Depth: .31 Formation End Depth: 1.88 Formation End Depth UOM: m Overburden and Bedrock m Mat2: 3 Color: 2 General Color: 6 Mat2: 05 Mat2: 05 Mat2: 05 Mat2: 05 Mat2: 06 Mat2: 06 Mat2: 06 Mat2: 06 Mat3: 85	Formation ID).	1	1004914563				
Color: 6 General Color: BROWN Matt: 05 Most Common Material: CLAY Mat2: 28 Mat2 Desc: SAND Mat3 Desc: SOFT Formation Top Depth: 31 Formation End Depth UOM: m Overburden and Bedrock Mat1: Mat2: 3 Color: 2 General Color: 0 Mat1: 05 Mat2: 3 Color: 2 General Color: 2 General Color: 2 General Color: 3 Mat2: 06 Mat2: 06 Mat2: 06 Mat2: 06 Mat3: 85								
General Color:BROWNMatt:05Most Common Material:CLAYMat2:28Mat2:28Mat2:28Mat3:85Mat3:85Formation End Depth:1.1Formation End Depth:1.88Formation ID:1004914564Layer:3Color:2General Color:GREYMat1:05Mat2:06Mat2:06Mat2:06Mat2:06Mat2:06Mat2:06Mat2:06Mat2:06Mat3:85Formation Top Depth:1.88Formation Top Depth:1.88Formation ID:1004914564Layer:3Color:2General Color:05Mat3:05Mat3:05Mat3:05Mat3:06Mat3:85Mat3:85Formation Top Depth:1.88Formation Top Depth:1.88Formation Tend Depth:5.49Formation Tend Depth UOM:mOverburden and BedrockMOverburden and BedrockK								
Mat: 05 Most Common Material: CLAY Mat2: 28 Mat2 Desc: SAND Mat3: 85 Formation Top Depth:		<i></i>						
Most Common Material: CLAY Mat2: 28 Mat2 Desc: SAND Mat3: 85 Formation Top Depth: 31 Formation End Depth: 1.88 Formation End Depth UOM: m Overburden and Bedrock Materials Interval Formation ID: 1004914564 Layer: 3 Color: 2 General Color: GREY Mat1: 05 Most Common Material: CLAY Mat2: 06 Mat2 Desc: SILT Mat3: 85 Mat3 Desc: SOFT Formation Top Depth: 1.88 Formation Top Depth: 5.49 Formation End Depth UOM: m		<i>n</i> .						
Mat2:28Mat2:SANDMat3:85Mat3:SOFTFormation Top Depth:.31Formation End Depth:1.88Formation ID:1004914564Layer:3Color:2General Color:GREYMat1:05Mat2:06Mat2:06Mat2:06Mat3:85Mat3:85Mat3:85Formation Top Depth:1.88Formation Top Depth:5.49Formation End Depth UOM:m		on Material						
Mat2 Desc:SANDMat3:85Mat3 Desc:SOFTFormation Top Depth:.31Formation End Depth:1.88Formation End Depth UOM:mOverburden and Bedrock Materials IntervalFormation ID:1004914564Layer:.3Color:.2General Color:.2General Color:		Sir material.						
Mat3:85Mat3 Desc:SOFTFormation Top Depth:.31Formation End Depth:1.88Formation End Depth UOM:mOverburden and Bedrock Materials IntervalFormation ID:1004914564Layer:3Color:2General Color:GREYMat1:05Mat2:06Mat2:06Mat2:06Mat3:85Mat3 Desc:SUFTFormation Top Depth:1.88Formation Top Depth:5.49Formation End Depth UOM:m								
Mat3 Desc:SOFTFormation Top Depth:.31Formation End Depth:1.88Formation End Depth UOM:mOverburden and Bedrock Materials IntervalFormation ID:1004914564Layer:.3Color:2General Color:GREYMat1:.05Most Common Material:CLAYMat2:.06Mat3:.85Mat3 Desc:.50FTFormation Top Depth:1.88Formation Top Depth:1.88Formation Top Depth:1.88Formation Top Depth:5.49Formation End Depth UOM:mOverburden and Bedrock								
Formation Top Depth: .31 Formation End Depth: 1.88 Formation End Depth UOM: m Overburden and Bedrock m Materials Interval 1004914564 Layer: 3 Color: 2 General Color: GREY Mat2: 05 Mat2: 06 Mat2: 05 Mat2: 05 Mat2: 05 Mat2: 05 Mat2: 05 Mat3: 85 Mat3: 85 Formation End Depth: 5.49 Formation End Depth: 5.49 Formation End Depth: 5.49 Formation End Depth: 5.49								
Formation End Depth: 1.88 Formation End Depth UOM: m Overburden and Bedrock. Materials Interval 1004914564 Layer: 3 Color: 2 General Color: GREY Mat2: 05 Mat2: 06 Mat2: 06 Mat3: 85 Mat3: SOFT Formation End Depth: 1.88 Formation End Depth: 5.49 Formation End Depth UOM: m		op Depth:						
Formation End Depth UOM: m Overburden and Bedrock m Materials Interval 1004914564 Layer: 3 Color: 2 General Color: GREY Mat1: 05 Most Common Material: CLAY Mat2: 06 Mat3: 85 Mat3: 85 Formation Top Depth: 1.88 Formation End Depth UOM: m								
Materials Interval Formation ID: 1004914564 Layer: 3 Color: 2 General Color: GREY Mat1: 05 Most Common Material: CLAY Mat2: 06 Mat3: SILT Mat3: SOFT Formation Top Depth: 1.88 Formation End Depth: 5.49 Formation End Depth UOM: m								
Formation ID:1004914564Layer:3Color:2General Color:GREYMat1:05Most Common Material:CLAYMat2:06Mat3:SILTMat3:SOFTFormation Top Depth:1.88Formation End Depth:5.49Formation End Depth UOM:m			: <u>k</u>					
Layer:3Color:2General Color:GREYMat1:05Most Common Material:CLAYMat2:06Mat2 Desc:SILTMat3:85Mat3 Desc:SOFTFormation Top Depth:1.88Formation End Depth:5.49Formation End Depth UOM:m								
Color:2General Color:GREYMat1:05Most Common Material:CLAYMat2:06Mat3 Desc:SILTMat3 Desc:SOFTFormation Top Depth:1.88Formation End Depth:5.49Formation End Depth UOM:m):						
General Color:GREYMat1:05Most Common Material:CLAYMat2:06Mat3:SILTMat3:85Mat3 Desc:SOFTFormation Top Depth:1.88Formation End Depth:5.49Formation End Depth UOM:m								
Mat1:05Most Common Material:CLAYMat2:06Mat2 Desc:SILTMat3:85Mat3 Desc:SOFTFormation Top Depth:1.88Formation End Depth:5.49Formation End Depth UOM:m								
Most Common Material: CLAY Mat2: 06 Mat2 Desc: SILT Mat3: 85 Mat3 Desc: SOFT Formation Top Depth: 1.88 Formation End Depth: 5.49 Formation End Depth UOM: m Overburden and Bedrock Verburden and Bedrock		or:						
Mat2:06Mat2 Desc:SILTMat3:85Mat3 Desc:SOFTFormation Top Depth:1.88Formation End Depth:5.49Formation End Depth UOM:mOverburden and Bedrock								
Mat2 Desc: SILT Mat3: 85 Mat3 Desc: SOFT Formation Top Depth: 1.88 Formation End Depth: 5.49 Formation End Depth UOM: m Overburden and Bedrock SUPPORT		on Material:						
Mat3: 85 Mat3 Desc: SOFT Formation Top Depth: 1.88 Formation End Depth: 5.49 Formation End Depth UOM: m Overburden and Bedrock Verburden and Bedrock								
Mat3 Desc: SOFT Formation Top Depth: 1.88 Formation End Depth: 5.49 Formation End Depth UOM: m Overburden and Bedrock Verburden and Bedrock								
Formation Top Depth: 1.88 Formation End Depth: 5.49 Formation End Depth UOM: m Overburden and Bedrock Verburden and Bedrock								
Formation End Depth: 5.49 Formation End Depth UOM: m Overburden and Bedrock		on Donth						
Formation End Depth UOM: m Overburden and Bedrock								
Materials Interval			: <u>k</u>					
	Materials Inte	erval						

Formation ID: 1004914662 Layer: 1 Color: 5 General Color: B KOWN Matt: 02 Matt: 03 Formation End Depth: 0 Formation End Depth UOM: m Annular Space/Abandonment. Saling Record Plug Form: 0.31 Plug Form: 2.13 Plug Form: 2.13 Plug Form: 0.31 Plug Po		Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color: 6 General Color: BROWN Matt: 02 Most Common Material: TOPSOIL Matt: 02 Matt: 02 Matt: 02 Matt: 02 Matt: 02 Matt: 02 Formation Top Deptit: 0 Formation End Deptit: 31 Formation End Deptit: 31 Formation End Deptit: 0 Salling Record 1 Salling Record 0 Plug DD: 1004914572 Layse: 1 Plug To: 0.31 Plug To: 0.31 Plug To: 2.13 Plug Form: 2.13 Plug Form: 2.13 Plug Form: 0.31 Plug Form: 2.13 Plug Form: 2.13 Plug Form: 0.31 Plug Form: 0.31 Plug Form: 0.31 Plug Form: 0.31						
General Color: BROWN Mat: 02 Most Common Material: TOPSOL Mat2 BS Mat2 Desc: BS Mat2 Desc: SOTT Mat3 Desc: SOTT Mat3 Desc: SOTT Mat3 Desc: SOTT Semiation End Depth: 31 Formation End Depth: 104914572 Layrer 0 Plug Form: 0 Plug Form: 0 Plug Form: 104914574 Layrer: 213 Plug Form: 0.31						
Matt. 02 Most Common Materials: TOPSOL Matz BS Matz BS Matz SOFT Formation Top Depth: 0 Formation End Depth: 0 Formation End Depth: 0 Annular Space/Abandonment Salling Record Plug ID: 1004914572 Layer: 1 Plug Tom: 0 Plug Do: 0.04914574 Layer: 3 Plug Tom: 2.13 Plug Tom: 2.13 Plug Tom: 2.13 Plug Tom: 2.13 Plug Tom: 0.31 Plug Tom: 0.31 Plug Tom: 0.31 Plug Tom: 0.31						
Mest 2: TOPSOIL Mat2 base: 85 Mat3 solution in the second solution in the sec						
Mat2 Set Mat3 SoFT Formation Top Depth: 0 Formation End Depth: 3.1 Formation End Depth: 0 Annular Space/Abandomment. Saling Record Plug ID: 1004914572 Layer: 1 Plug Tom: 0 Plug Tom: 0 Plug Tom: 0.3 Plug Depth UMM: m Annular Space/Abandomment. Saling Record Saling Record 1004914574 Layer: 2.3 Plug Tom: 2.13 Plug Tom: 2.13 Plug Tom: 2.3 Plug Tom: 2.13		Matarial:				
Math Sei Math Sei Math Sei Formation End Depth 0 Formation End Depth 31 Formation End Depth 004914572 Sealing Record 1 Sealing Record 0 Plug ID: 1004914572 Layer: 1 Plug Form: 0.31 Plug Form: 0.31 Plug To: 0.04914574 Layer: 3 Plug To: 0.04914574 Layer: 3 Plug To: 5.48 Plug To: 5.48 Plug To: 5.43 Plug To: 2.13 Plug Do: 0.04914571 Use: Direct Plush Otherd Construction S. <td< td=""><td></td><td>vialeriai.</td><td>TOFSOIL</td><td></td><td></td><td></td></td<>		vialeriai.	TOFSOIL			
Matz S5 Rotz Desc: SOFT Formation Top Depti: 0 Formation End Depti: 3.1 Formation End Depti: 1 Sealing Record 0 Plug Form: 2.13 Plug Form: 0.31 Plug Form: 0.31 Plug Form: 0						
Mats Desc: SOFT Formation End Depth; 0 Formation End Depth; 31 Formation End Depth; 31 Saling Rescord m Annular Space/Abandonment. Saling Rescord Layer: 1 Plug Di: 1004914572 Layer: 0.31 Plug To: 0.34 Plug To: 0.34 Plug To: 0.34 Plug To: 0.34 Plug To: 3.31 Plug To: 2.13 Plug To: 0.3414571 User Direct Push Method Construction & Weil Direct Push Method Construction Code: Direct Push Method Construction Code: Dinect Push Direc			85			
Formation Top Depth: 0 Formation End Depth .31 Fung Form: .0 Flug Form: .0 Flug Depth UOM: m Annular Space/Abandomment.						
Formation End Depth UOM: m Annular Space/Abandomment. sealing Record Plug ID: 1004914572 Layer: 1 Plug Form: 0 Plug To: 0.31 Plug Depth UOM: m Annular Space/Abandomment. Sealing Record Sealing Record 3 Plug Form: 2.33 Plug Form: 5.48 Plug To: 1004914573 Layer: 2.33 Plug To: 2.31 Plug To: 2.31 Plug To: 2.31 Plug To: 2.31 Plug Depth UOM: m Method Construction Rote: Direct Push Method Construction Rote: Direct Push Other Method Construction: Direct Push Other Method Construction: 0 Plug To: 0 Cansing No: 0 <		Depth:				
Formation End Depth UOM: m Annular Space/Abandonment. 3004914572 Layer: 1 Plug ID: 0.31 Plug To: 0.49414574 Layer: 2 Plug To: 5.48 Plug To: 5.48 Plug Do: 1004914573 Layer: 2 Plug Form: 0.31 Plug To: 2.13 Plug To: 0.31 Plug To: 2.13 Plug To: 2.13 Plug Form: 0.31 Plug To: 2.13 Plug Do: 0.31 Plug Do: 0.31 Plug Do: Direct Push Method Construction ID: Direct Push Other Method Construction: Direct Push Other Method Construction: Direct Push			.31			
Sealing Record 1004914572 Layer: 0 Plug Dr: 0.31 Plug Dr: 0.31 Plug Dr: m Annular Space/Abandonment. Sealing Record Sealing Record 1004914574 Layer: 3 Plug Dr: 1004914574 Layer: 3 Plug To: 2.13 Plug To: m Annular Space/Abandonment. Sealing Record Plug To: 0.04914573 Layer: 2 Plug To: 0.31 Plug Depth UOM: m Method Construction & Well Sealing Record Casing No: 0 Casing No: 0 <	Formation End	Depth UOM:	m			
No. 1004914572 Layer: 1 Plug From: 0 Plug To: 0.31 Plug Depth UOM: m Annular Space/Abandonment Sealing Record Plug To: 0.004914574 Layer: 3 Plug To: 0.004914574 Layer: 3 Plug To: 5.48 Plug Depth UOM: m Annular Space/Abandonment Sealing Record Plug To: 5.48 Plug To: 0.014914573 Layer: 2 Plug To: 0.31 Plug To: 2.13 Plug To: 0.31 Plug To: 0.104914571 Defethod Construction & Well Decomment: Sealing Record Direct Plush Other Method Construction:	<u>Annular Space/</u> Sealing Record	Abandonment				
Layer: 1 Plug From: 0 Plug Tor: 0.31 Plug Depth UOM: m Annular Space/Abandonment Saling Record Plug ID: 1004914574 Layer: 3 Plug Tor: 2.13 Plug Tor: 5.48 Plug Depth UOM: m Annular Space/Abandonment Saling Record Plug Tor: 5.43 Plug Tor: 5.43 Plug Tor: 5.43 Plug Tor: 0.004914573 Layer: 2 Plug Tor: 0.31 Plug Tor: 2.13 Plug Tor: 0.31 Plug Tor: 2.13 Plug Tor: 2.13 Plug Tor: 0.31	-		1004914572			
Ping From: 0 Ping To: 0.31 Ping Depth UOM: m Annular Space/Abandonment. Saling Record Ping ID: 1004914574 Layer: 3 Ping To: 5.48 Ping ID: 1004914573 Saling Record m Ping To: 2.13 Ping To: 5.48 Ping DP: 1004914573 Layer: 2 Ping To: 0.31 Ping To: 2.13 Ping To: Direct Push Other Method Construction Rode: Direct Push Other Method Construction: Direct Push Other Method Construction: Ping Direct Push Other Method Co						
Piug To: 0.31 Piug Depth UOM: m Annular Space/Abandonment Sealing Record 1004914574 Layar: 3 Piug Torn: 2.13 Piug Torn: 5.48 Piug Torn: 5.48 Piug Torn: 5.48 Piug Torn: 5.43 Piug Torn: 5.43 Piug Torn: 5.43 Piug Torn: 5.43 Piug Torn: 0.31 Piug Torn: 2.13 Piug Torn: 0.31 Piug Torn: 1004914571 Destretorion Ecord: 0						
Annular Space/Abandonment. Sealing Record Plug ID: 1004914574 Layer: 3 Plug From: 2.13 Plug Depth UOM: m Annular Space/Abandonment. Saling Record Plug ID: 1004914573 Layer: 2 Plug To: 0.04914573 Layer: 2 Plug From: 0.31 Plug Depth UOM: m Method of Construction & Well Use Use 1004914571 Due dot Construction Code: D Direct Push Direct Push Other Method Construction: D Pipe Information 0 Pipe Information: 0 Ait Name: 0 Construction Record - Casing 0 Construction Record - Casing 0 Construction Record - Casing 1004914567 Layer: 1			0.31			
Sealing Record 1004914574 Layer: 3 Plug From: 2.13 Plug From: 5.48 Plug Depth UOM: m Annular Space/Abandonment Sealing Record 5.48 Plug Prom: 004914573 Layer: 2.3 Plug Form: 0.31 Plug Popth UOM: m Method of Construction & Well Jacoba Jacoba Use Jacoba Jacoba Jacoba Plug Depth UOM: m Method Construction ID: 1004914571 Method Construction ID: Direct Push Other Method Construction: Direct Push Comment: Direct Push	Plug Depth UOI	И:	m			
Layer: 3 Plug From: 2.13 Plug To: 5.48 Plug Depth UOM: m Annular Space/Abandonment m Sealing Record 1004914573 Plug ID: 1004914573 Layer: 2 Plug From: 0.31 Plug To: 2.13 Plug To: 2.13 Plug To: 2.13 Plug Depth UOM: m Method of Construction & Well Use Method Construction Code: D Method Construction: Direct Push Other Method Construction: Direct Push Other Method Construction: Direct Push Other Method Construction: 0 Pipe ID: 1004914561 Casing No: 0 Comment: At Name: Construction Record - Casing 1004914567 Layer: 1						
Layer: 3 Plug From: 2.13 Plug To: 5.48 Plug Depth UOM: m Annular Space/Abandonment m Sealing Record 1004914573 Plug ID: 1004914573 Layer: 2 Plug From: 0.31 Plug To: 2.13 Plug To: 2.13 Plug To: 2.13 Plug Depth UOM: m Method of Construction & Well Use Method Construction Code: D Method Construction: Direct Push Other Method Construction: Direct Push Other Method Construction: Direct Push Other Method Construction: 0 Pipe ID: 1004914561 Casing No: 0 Comment: At Name: Construction Record - Casing 1004914567 Layer: 1	Plua ID:		1004914574			
Plug From: 2.13 Plug To: 5.48 Plug Depth UOM: m Annular Space/Abandonment.						
Plug To:5.48Plug Do:5.48Annular Space/Abandonment Sealing RecordSealing RecordPlug ID:1004914573Layer:2Plug Fom:0.31Plug To:2.13Plug Dopth UOM:mMethod of Construction & Well UseMethod Construction Code:DDirect PushOther Method Construction:1004914571Plug InformationDirect PushPlipe Information1004914561Casing No:0Construction Record - CasingCasing ID:1004914567Layer:1004914567						
Plug Depth UOM: m Annular Space/Abandonment. Sealing Record			5.48			
Sealing Record 1004914573 Layer: 2 Plug From: 0.31 Plug To: 2.13 Plug Dopth UOM: m Method of Construction & Well Juse Use 1004914571 Method Construction Code: D Method Construction: Direct Push Method Construction: Direct Push Method Construction: Direct Push Other Method Construction: Direct Push Vist Method Construction: Direct Push Other Method Construction: Direct Push Vist Method Construction: Direct Push Sealing No: 0 Construction Record - Casing Construction Record - Casing Casing No: 1004914567 Layer: 1		И:	m			
Layer: 2 Plug From: 0.31 Plug Depth UOM: m Method of Construction & Well. m Use 1004914571 Method Construction Code: D Method Construction: Direct Push Other Method Construction: Direct Push Pipe ID: 1004914561 Casing No: 0 Construction Record - Casing 0 Casing ID: 1004914567 Layer: 1						
Plug From: 0.31 Plug To: 2.13 Plug Depth UOM: m Method of Construction & Well	Plug ID:		1004914573			
Plug To: 2.13 Plug Depth UOM: m Method of Construction & Well Use 1004914571 Method Construction Code: D Method Construction: Direct Push Other Method Construction: Direct Push Pipe Information 1004914561 Casing No: 0 Construction Record - Casing 1004914567 Casing ID: 1004914567 Layer: 1	Layer:		2			
Plug Depth UOM: m Method of Construction & Well Use Internation Method Construction ID: 1004914571 Method Construction Code: D Direct Push Other Method Construction: Direct Push Pipe Information Internation Pipe ID: 1004914561 Casing No: 0 Construction Record - Casing Internation Casing ID: 1004914567 Layer: 1						
Method of Construction & Well Use I004914571 Method Construction Code: D Method Construction: Direct Push Other Method Construction: Direct Push Pipe Information 1004914561 Casing No: 0 Comment: 0 Alt Name: 1004914567 Casing ID: 1004914567 Layer: 1						
Use Method Construction ID: 1004914571 Method Construction: D Method Construction: Direct Push Other Method Construction: Direct Push Pipe Information No04914561 Casing No: 0 Construction Record - Casing No04914561 Casing ID: 1004914567 Layer: 1	Plug Depth UO	И:	m			
Method Construction Code: Method Construction:D Direct PushDirect PushDirect PushPipe Information1004914561Casing No: Comment: Alt Name:0Construction Record - Casing0Casing ID: Layer:1004914567		struction & Well				
Method Construction Code: Method Construction:D Direct PushDirect PushDirect PushPipe Information1004914561Casing No: Comment: Alt Name:0Construction Record - Casing0Casing ID: Layer:1004914567	Mathead Ormed	unting ID	4004044574			
Method Construction: Direct Push Pipe Information 1004914561 Casing No: 0 Comment: 0 Alt Name: 1004914567 Casing ID: 1004914567 Layer: 1						
Other Method Construction: Pipe Information Pipe ID: 1004914561 Casing No: 0 Comment: 0 Alt Name: V Construction Record - Casing 1004914567 Layer: 1						
Pipe ID: 1004914561 Casing No: 0 Comment: 0 Alt Name: 0 Construction Record - Casing 0 Casing ID: 1004914567 Layer: 1			Direct Fush			
Casing No: 0 Comment: Alt Name: Alt Name: - Construction Record - Casing - Casing ID: 1004914567 Layer: 1	Pipe Information	<u>n</u>				
Casing No: 0 Comment: Alt Name: Alt Name: - Construction Record - Casing - Casing ID: 1004914567 Layer: 1	Pine ID:		1004014561			
Comment: Alt Name: Construction Record - Casing Casing ID: 1004914567 Layer: 1						
Alt Name: Construction Record - Casing Casing ID: 1004914567 Layer: 1			0			
Casing ID: 1004914567 Layer: 1						
Layer: 1	Construction R	ecord - Casing				
Layer: 1	Casing ID:		1004914567			
	Layer:					
			5			

Мар Кеу	Number Records		Elev/Diff) (m)	Site		DB
Open Hole or		PLASTIC				
Depth From:		0				
Depth To:		2.44				
Casing Diam		10.16				
Casing Diam		cm				
Casing Deptl	h UOM:	m				
Construction	n Record - S	creen				
Screen ID:		1004914568				
Layer:		1				
Slot:		10				
Screen Top L		2.44				
Screen End L		5.49				
Screen Mater		5				
Screen Deptl		m				
Screen Diam		cm				
Screen Diam	eter:					
Water Details	5					
Water ID:		1004914566				
Layer:						
Kind Code:						
Kind:						
Water Found						
Water Found	Depth UON	<i>li:</i> m				
Hole Diamete	<u>er</u>					
Hole ID:		1004914565				
Diameter:		30.48				
Depth From:		0				
Depth To:		5.49				
Hole Depth U		m				
Hole Diamete	er UOM:	cm				
<u>28</u>	1 of 1	E/140.5	63.8 / -0.09	4 CRYSTAL BEACH Ottawa ON	DR	wwis
Well ID:		7190963		Data Entry Status:		
Construction	Date:			Data Src:		
Primary Wate	er Use:	Monitoring and Test Hole		Date Received:	11/9/2012	
Sec. Water U		0		Selected Flag:	Yes	
Final Well Sta	atus:	Test Hole		Abandonment Rec:		
Water Type:				Contractor:	7241	
Casing Mater	rial:			Form Version:	7	
Audit No:		Z156928		Owner:		
Tag:		A135015		Street Name:	4 CRYSTAL BEACH DR	
Construction				County:	OTTAWA	
Elevation (m)				Municipality:	NEPEAN TOWNSHIP	
Elevation Re				Site Info:		
Depth to Bed	lrock:			Lot:		
Well Depth:				Concession:		
Overburden/	Bedrock:			Concession Name:		
Pump Rate:				Easting NAD83:		
Static Water				Northing NAD83:		
Flowing (Y/N):			Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloudy	<i>'</i> :					

Bore Hole Information

Bore Hole ID: DP2BR:	1004199533	Elevation: Elevrc:	64.734039
Spatial Status:		Zone:	18
Code OB:		East83:	434587
Code OB Desc:		North83:	5022421
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	10/2/2012	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc: Location Source Date:			

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

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2:	1004486634 1 6 BROWN 02 TOPSOIL
Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	85 SOFT 0 .61 m

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	1004486635 2 2 GREY 05 CLAY 85 SOFT
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	.61 4.57 m

Overburden and Bedrock Materials Interval

Formation ID:	1004486636
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation E		06 SILT 85 SOFT 4.57 6.1 m			
r onnation El					
<u>Annular Spa</u> <u>Sealing Reco</u>	ce/Abandonment ord				
Plug ID:		1004486644			
Layer: Plug From:		1 0			
Plug To:		0.31			
Plug Depth L	JOM:	m			
<u>Annular Spa</u> <u>Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID:		1004486646			
Layer:		3			
Plug From:		2.74			
Plug To: Plug Depth L	JOM:	6.1 m			
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord				
Plug ID:		1004486645			
Layer:		2 0.31			
Plug From: Plug To:		2.74			
Plug Depth U	JOM:	m			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Con	struction ID:	1004486643			
Method Con	struction Code:	D			
Method Cons Other Metho	struction: d Construction:	Direct Push			
<u>Pipe Informa</u>	tion				
Pipe ID:		1004486633			
Casing No:		0			
Comment: Alt Name:					
<u>Constructior</u>	n Record - Casing				
Casing ID:		1004486639			
Layer:		1			
Material:	r Matarial				
Open Hole of Depth From:		PLASTIC 0			
Depth To:		3.1			
Casing Diam		4.03			
Casing Diam	eter UOM:	cm			
Casing Dept	n UOM:	m			

Construction Record - Screen

Screen ID:	1004486640
Layer:	1
Slot:	10
Screen Top Depth:	3.1
Screen End Depth:	6.1
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1004486638
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1004486637
Diameter:	8.25
Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

<u>29</u>	1 of 1	E/141.4	65.0 / 1.08	4 CRYSTAL BEACH OTTAWA ON	DR.	WWIS
Well ID: Constructi	on Date:	7198881		Data Entry Status: Data Src:		
Primary Wa		Monitoring and Test Hole		Date Received:	3/20/2013	
Sec. Water	Use:	-		Selected Flag:	Yes	
Final Well	Status:	Monitoring and Test Hole		Abandonment Rec:		
Water Type	e:			Contractor:	7241	
Casing Ma	terial:			Form Version:	7	
Audit No:		Z164460		Owner:		
Tag:		A141801		Street Name:	4 CRYSTAL BEACH DR.	
	on Method:			County:	OTTAWA	
Elevation (,			Municipality:	NEPEAN TOWNSHIP	
Elevation F				Site Info:		
Depth to B				Lot:		
Well Depth				Concession:		
	n/Bedrock:			Concession Name:		
Pump Rate Static Wate				Easting NAD83:		
				Northing NAD83: Zone:		
Flowing (Y, Flow Rate:				UTM Reliability:		
Clear/Clou				O I W Renability.		
Clear/Clou	uy.					
PDF URL (I	Map):	https://d2khazk8e8	33rdv.cloudfront.net	/moe_mapping/downloads/	/2Water/Wells_pdfs/719\7198881.pdf	
Bore Hole	Information					
Bore Hole DP2BR:	ID:	1004265035		Elevation: Elevrc:	64.745056	
a <i>i</i> i a <i>i</i>				-	10	

Zone:

18

Spatial Status:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Code OB:				East83:	434589	
Code OB Des	ic:			North83:	5022407	
Open Hole:				Org CS:	UTM83	
Cluster Kind:				UTMRC:	4	
		013		UTMRC Desc:		
Date Complet	tea: 2/26/20	013			margin of error : 30 m - 100 m	
Remarks:				Location Method:	wwr	
Elevrc Desc:						
Location Sou						
Improvement	Location Source:					
Improvement	Location Method:					
Source Revis	ion Comment:					
Supplier Com	nment:					
<u>Overburden a</u> Materials Inte						
		1004044578				
Formation ID:		1004914578				
Layer:		3				
Color:		2				
General Colo	r:	GREY				
Mat1:		05				
Most Commo	n Material:	CLAY				
Mat2:		06				
Mat2 Desc:		SILT				
Mat3:		85				
Mat3 Desc:		SOFT				
Formation To	n Denth	2.13				
		5.49				
Formation En						
Formation En	nd Depth UOM:	m				
Overburden a Materials Inte						
Formation ID:	:	1004914577				
Layer:		2				
Color:		6				
General Colo	r:	BROWN				
Mat1:		05				
Most Commo	n Material	CLAY				
Mat2:	in material.	28				
		SAND				
Mat2 Desc: Mat3:		•••••				
		85 SOFT				
Mat3 Desc:		SOFT				
Formation To		.31				
Formation En	nd Depth:	2.13				
Formation En	nd Depth UOM:	m				
<u>Overburden a</u> Materials Inte						
Formation ID:	:	1004914576				
Layer:		1				
Color:		6				
General Colo	r:	BROWN				
Mat1:	••	02				
Most Commo	n Matorial:	TOPSOIL				
	n waterial.	TOFSUL				
Mat2:						
Mat2 Desc:						
Mat3:		85				
Mat3 Desc:		SOFT				
Formation To	op Depth:	0				
Formation En		.31				
Formation En	nd Depth UOM:	m				

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

Plug ID:	1004914586
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

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

Plug ID:	1004914587
Layer:	2
Plug From:	0.31
Plug To:	2.13
Plug Depth UOM:	m

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

Plug ID:	1004914588
Layer:	3
Plug From:	2.13
Plug To:	5.49
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1004914585
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	BORING

Pipe Information

Pipe ID:	1004914575
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004914581
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2.44
Casing Diameter:	10.16
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004914582
Layer:	1
Slot:	10

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Top I	Depth:	2.44			
Screen End I		5.49			
Screen Mater	rial:	5			
Screen Depti	h UOM:	m			
Screen Diam	eter UOM:	cm			
Screen Diam	eter:	12.65			
Water Details	5				
Water ID:		1004914580			
Layer:					
Kind Code:					
Kind:					
Water Found	I Depth:				
Water Found	Depth UOM:	m			
Hole Diamete	<u>er</u>				
Hole ID:		1004914579			
Diameter:		30.48			
Depth From:		0			
Depth To:		5.49			
Hole Depth L	IOM:	m			
Hole Diamete		cm			
<u>30</u>	1 of 1	E/145.5	64.9 / 1.00	3420 CARLING AVE Ottawa ON	WWIS

<u> </u>		Ottawa ON		WW
Well ID:	7204223	Data Entry Status:		
Construction Date:		Data Src:		
Primary Water Use:	Monitoring and Test Hole	Date Received:	7/5/2013	
Sec. Water Use:		Selected Flag:	Yes	
Final Well Status:	Test Hole	Abandonment Rec:		
Water Type:		Contractor:	7241	
Casing Material:		Form Version:	7	
Audit No:	Z168613	Owner:		
Tag:	A146647	Street Name:	3420 CARLING AVE	
Construction Method:		County:	OTTAWA	
Elevation (m):		Municipality:	NEPEAN TOWNSHIP	
Elevation Reliability:		Site Info:		
Depth to Bedrock:		Lot:		
Well Depth:		Concession:		
Overburden/Bedrock:		Concession Name:		
Pump Rate:		Easting NAD83:		
Static Water Level:		Northing NAD83:		
Flowing (Y/N):		Zone:		
Flow Rate:		UTM Reliability:		
Clear/Cloudy:		e i iii Kenabinty.		
			0) 1/2 (2 1/1 / 1/2 1/2 1/2 / 700) 700 4000 -	16

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/720\7204223.pdf

Bore Hole Information

Bore Hole ID: DP2BR:	1004396071	Elevation: Elevrc:	64.701881
Spatial Status:		Zone:	18
Code OB:		East83:	434592
Code OB Desc:		North83:	5022386
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/28/2013	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr

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

Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1004809383
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	.31
Formation Top Depth:	.31
Formation End Depth:	1.5
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004809384
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1.5
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	1004809382 1 8 BLACK 11 GRAVEL
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	0
Formation End Depth:	.31
Formation End Depth UOM:	m

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

Plug ID:

1004809393

DB

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer: Plug From: Plug To:	1014	2 0.31 1.22			
Plug Depth L	JOM:	m			
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord				
Plug ID:		1004809394			
Layer: Plug From:		3 1.22			
Plug To:		4.57			
Plug Depth L	JOM:	m			
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord				
Plug ID:		1004809392			
Layer:		1			
Plug From:		0			
Plug To: Plug Depth L	IOM-	0.31 m			
riug Deptil C	Jom.				
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Con	struction ID:	1004809391			
	struction Code:	В			
Method Cons Other Metho	struction: d Construction:	Other Method			
Pipe Informa	<u>ntion</u>				
Pipe ID:		1004809381			
Casing No:		0			
Comment: Alt Name:					
<u>Constructior</u>	n Record - Casing				
Casing ID:		1004809387			
Layer: Motorioli		1			
Material: Open Hole o	r Material [.]	5 PLASTIC			
Depth From:		0			
Depth To:		1.5			
Casing Diam		4.03			
Casing Diam Casing Dept	h UOM:	cm m			
<u>Construction</u>	<u>n Record - Screen</u>				
Screen ID:		1004809388			
Layer:		1			
Slot: Screen Top I	Denth:	10 1.5			
Screen Top I	Depth:	4.57			
Screen Mate	rial:	5			
Screen Dept		m			
Screen Diam Screen Diam		cm 4.82			
Screen Diam		7.02			

Construction Date:IPrimary Water Use:DomesticISec. Water Use:0SFinal Well Status:Water SupplyIWater Type:IICasing Material:IAudit No:ITag:SConstruction Method:IElevation (m):IElevation Reliability:SDepth to Bedrock:IWell Depth:IOverburden/Bedrock:IPump Rate:I	Site	DI
Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: m Hole Diameter Hole ID: 1004809385 Diameter: 8.25 Depth From: 0 Depth To: 4.57 Hole Diameter UOM: m Hole Depth UOM: m Hole Diameter UOM: cm 31 1 of 1 WNW/164.3 62.2/-1.69 Well ID: 1 of 1 WNW/164.3 62.2/-1.69 Well ID: 1 of 1 WNW/164.3 62.2/-1.69 Well ID: 1 of 1 WNW/164.3 62.2/-1.69 Well ID: 1 of 1 WNW/164.3 62.2/-1.69 Well ID: 1 of 1 WNW/164.3 62.2/-1.69 Well ID: 1 of 1 WNW/164.3 62.2/-1.69 Well ID: Table <td></td> <td></td>		
Water Found Depth UOM: m Hole Diameter 1004809385 Diameter: 8.25 Depth From: 0 Depth To: 4.57 Hole Diameter UOM: m Hole Diameter UOM: cm 31 1 of 1 WNW/164.3 62.2 / -1.69 Well ID: 1503804 I Construction Date: Domestic I Primary Water Use: Domestic I Sec. Water Use: 0 Sec. Water Use: 0 Final Well Status: Water Supply I Water Type: Casing Material: I Audit No: I I Tag: I I I Construction Method: I I I Elevation Reliability: I I I Depth to Bedrock: I I I Well Depth: I I I Diameter US I I I Domestic I I I Hole Diameter US I I I <td></td> <td></td>		
Hole ID:1004809385Diameter:8.25Depth From:0Depth To:4.57Hole Depth UOM:mHole Diameter UOM:cm311 of 1WNW/164.362.2 / -1.69Well ID:1503804Construction Date:Image: Construction Date:Primary Water Use:DomesticSec. Water Use:0Sec. Water Use:0Final Well Status:Water SupplyWater Type:0Casing Material:0Audit No:0Tag:0Construction Method:0Elevation Reliability:0Depth to Bedrock:0Well Depth:0Overburden/Bedrock:0		
Diameter:8.25Depth From:0Depth To:4.57Hole Depth UOM:mHole Diameter UOM:cm311 of 1WNW/164.362.2 / -1.69Well ID:1503804Construction Date:Primary Water Use:DomesticPrimary Water Use:0Sec. Water Use:0Final Well Status:Water SupplyWater Type:0Casing Material:0Audit No:0Fag:0Construction Method:0Elevation Reliability:0Depth to Bedrock:0Well Depth:0Overburden/Bedrock:0		
311 of 1WNW/164.362.2 / -1.69Well ID:1503804IConstruction Date:IPrimary Water Use:DomesticSec. Water Use:0Final Well Status:Water SupplyWater Type:0Casing Material:IAudit No:ITag:0Elevation Method:IElevation Reliability:IDepth to Bedrock:IWell Depth:0Overburden/Bedrock:I		
Well ID: 1503804 Construction Date: Domestic Primary Water Use: Domestic Sec. Water Use: 0 Sec. Water Type: 0 Casing Material: 0 Audit No: 0 Tag: 0 Construction Method: 0 Elevation (m): 0 Elevation Reliability: 0 Depth to Bedrock: 0 Well Depth: 0 Overburden/Bedrock: 0 Pump Rate: 0	lot 12 con 1	
Construction Date:DomesticPrimary Water Use:DomesticSec. Water Use:0Sinal Well Status:Water SupplyWater Type:Construction Method:Casing Material:Construction Method:Cag:Construction Method:Construction Method:Construction Method:Elevation (m):Elevation Reliability:Doepth to Bedrock:Construction Method:Well Depth:Construction Method:Doepth tablettic:Construction Method:Construction Reliability:Construction Method:Construction Reliability:ConstructionConstruction Reliability:Construction<	ON	WW
Primary Water Use: Domestic Sec. Water Use: 0 Sinal Well Status: Water Supply Water Type: 0 Casing Material: 1 Audit No: 1 Tag: 1 Construction Method: 1 Elevation (m): 1 Elevation Reliability: 2 Depth to Bedrock: 1 Well Depth: 1 Diverburden/Bedrock: 1 Pump Rate: 1	Data Entry Status:	
Sec. Water Use: 0 3 Final Well Status: Water Supply 2 Water Type: 0 2 Casing Material: 1 2 Audit No: 1 2 Tag: 2 2 Construction Method: 0 2 Elevation (m): 1 2 Elevation Reliability: 2 2 Depth to Bedrock: 1 2 Well Depth: 0 2 Overburden/Bedrock: 2 2 Pump Rate: 1 2	Data Src: 1	
Final Well Status: Water Supply Water Type: O Casing Material: I Audit No: O Tag: O Construction Method: O Elevation (m): I Elevation Reliability: I Depth to Bedrock: I Well Depth: O Overburden/Bedrock: I Pump Rate: I	Date Received: 7/20/1956	
Water Type: Image: Casing Material: Image: Construction Method: Image: Constru	Selected Flag: Yes	
Casing Material:	Abandonment Rec:	
Audit No: Image: Tag: Image: Construction Method: Image: Elevation (m): Image: Elevation Reliability: Image: Depth to Bedrock: Image: Well Depth: Image: Overburden/Bedrock: Image: Pump Rate: Image:	Contractor: 4825 Form Version: 1	
Tag:SConstruction Method:GElevation (m):IElevation Reliability:SDepth to Bedrock:IWell Depth:GOverburden/Bedrock:GPump Rate:I	Form Version: 1 Owner:	
Construction Method:Construction Method:Elevation (m):Elevation Reliability:Depth to Bedrock:Elevation Reliability:Well Depth:Coverburden/Bedrock:Overburden/Bedrock:Elevation Rate:	Street Name:	
Elevation (m): Elevation Reliability: Elevation Reliability: Elevation Reliability: Elevation Redrock: Elevation Redrock: Elevation Reliability: Elevation Relia	County: OTTAWA	
Depth to Bedrock: I Well Depth: Overburden/Bedrock: Overburden/Bed	Municipality: NEPEAN TOWNSHIP	
Well Depth: 0 Overburden/Bedrock: 0 Pump Rate: 1	Site Info:	
Overburden/Bedrock: 0 Pump Rate: 1	Lot: 012	
Pump Rate:	Concession: 01 Concession Name: OF	
	Easting NAD83:	
	Northing NAD83:	
	Zone:	
Flow Rate:	UTM Reliability:	
Clear/Cloudy:		

Bore Hole Information

Bore Hole ID: DP2BR:	10025847 16	Elevation: Elevrc:	63.538253
Spatial Status:		Zone:	18
Code OB:	r	East83:	434300.6
Code OB Desc:	Bedrock	North83:	5022477
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	5/29/1956	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date);		
Improvement Locatio	n Source:		
Improvement Locatio	n Method:		
Source Revision Com	iment:		
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden</u> Materials Inte	and Bedrock erval				
Formation ID):	930997612			
Layer: Color:		1			
General Cold	or:	05			
Mat1: Most Commo	on Material:	05 CLAY			
Mat2:					
Mat2 Desc: Mat3:					
Mat3 Desc:	5 4	0			
Formation Te Formation E	op Deptn: nd Depth:	0 16			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID):	930997613			
Layer:		2			
Color: General Colo	or:				
Mat1:		15			
Most Commo Mat2:	on Material:	LIMESTONE			
Mat2 Desc:					
<i>Mat3:</i> <i>Mat3 Desc:</i>					
Formation To	op Depth:	16			
Formation E	nd Depth: nd Depth UOM:	50 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Con		961503804			
Method Cons Method Cons	struction Code:	1 Cable Tool			
	d Construction:				
<u>Pipe Informa</u>	<u>ntion</u>				
Pipe ID:		10574417			
Casing No: Comment:		1			
Alt Name:					
<u>Constructior</u>	n Record - Casing				
Casing ID:		930044447			
Layer:		1			
Material: Open Hole o	r Material:	1 STEEL			
Depth From:					
Depth To: Casing Diam	eter:	28 5			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>Construction</u>	n Record - (Casing					
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept Results of W Pump Test II Pump Set At Static Level: Final Level A Recommend Pumping Rat Flowing Rate Recommend Levels UOM: Rate UOM: Water State J Water State J Pumping Du Pumping Du Flowing: Water Detail.	r Material: Teter: Teter UOM: h UOM: <u>'ell Yield Te</u> <u>'ell Yield Te</u> <u>'ell Yield Te</u> <u>'ell Yield Te</u> <u>'ell Yield Te</u> <u>'eld Pump D</u> te: <u>'eld Pump D</u> te: <u>'eld Pump R</u> <u>'eld /u>	esting ing: lepth: late: Code:	930044448 2 4 OPEN HOLE 50 5 5 inch ft 991503804 18 20 5 ft GPM 1 CLEAR 1 0 30 No				
Layer: Kind Code: Kind: Water Found			1 1 FRESH 40				
Water Found		М:	ft				
<u>32</u>	1 of 2		NNE/173.0	61.8 / -2.03	Enbridge Gas Distrib 62 Loch Isle Road Ottawa ON	ution Inc.	SPL
Ref No: Site No: Incident Dt: Year: Incident Eve Contaminan Contaminan Contaminan Contaminan Contaminan Contaminan Renvironmen Nature of Im Receiving M Receiving Ei MOE Respon Dt MOE Arvi MOE Report	nt: t Code: t Name: t Limit 1: it Freq 1: t UN No 1: t Impact: pact: edium: nv: nse: on Scn:	8113-BE NA 7/11/201 Leak/Brd 35 NATUR/ 1075 Air No 7/11/201	19 eak AL GAS (METHANE)		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 Region: Site Kegion: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum:	2 - Minor Environment Corporation Miscellaneous Communal 62 Loch Isle Road Ottawa Eastern Ottawa	

Мар Кеу	Number Record		Elev/Diff (m)	Site	DB
Dt Document	Closed:	9/28/2019		SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reas Site Name: Site County/D Site Geo Ref I	istrict:	Operator/Human Error residential <unoff< td=""><td>ICIAL></td><td>Source Type:</td><td>Pipeline/Components</td></unoff<>	ICIAL>	Source Type:	Pipeline/Components
Incident Sum Contaminant (mary:	TSSA – Enbridge, 1 0 other - see incide		P line damaged, made safe	
32	2 of 2	NNE/173.0	61.8/-2.03	ENBRIDGE GAS INC 62 LOCH ISLE RD,,NE ON	PEAN,ON,K2H 8G8,CA PINC
Incident ID: Incident No: Incident Repo Type: Status Code: Customer Acc Incident Addre Tank Status: Task No: Spills Action O Fuel Type: Fuel Occurrent Date of Occurr Occurrence St Operation Typ Pipeline Type: Regulator Typ Summary: Reported By: Affiliation: Occurrence Damage Reast Notes:	ct Name: ess: Centre: nce Tp: rence: tart Dt: be: : be: se:	2631550 7/11/2019 FS-Pipeline Incident ENBRIDGE GAS INC 62 LOCH ISLE RD,,NEPEAN Pipeline Damage Reason Est		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:	

<u>33</u> 1 of 1	WNW/181.0	61.0/-2.91	lot 12 con 1 ON		WWIS
Well ID:	1503794		Data Entry Status:		
Construction Date:			Data Src:	1	
Primary Water Use:	Domestic		Date Received:	4/24/1962	
Sec. Water Use:	0		Selected Flag:	Yes	
Final Well Status:	Water Supply		Abandonment Rec:		
Water Type:	11.5		Contractor:	4216	
Casing Material:			Form Version:	1	
Audit No:			Owner:		
Tag:			Street Name:		
Construction Method:			County:	OTTAWA	
Elevation (m):			Municipality:	NEPEAN TOWNSHIP	
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot:	012	
Well Depth:			Concession:	01	
Overburden/Bedrock:			Concession Name:	OF	
Pump Rate:			Easting NAD83:	01	
Static Water Level:			Northing NAD83:		
Flowing (Y/N):			Zone:		
Flow Rate:			UTM Reliability:		
			o nivi Kendbinty.		
Clear/Cloudy:					

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503794.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		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	61.738437 18 434310.6 5022522 5 margin of error : 100 m - 300 m p5
Improvement Location Improvement Location Source Revision Com Supplier Comment:	Method:		

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

Formation ID: Layer: Color:	930997586 3
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	45
Formation Top Depth:	45
Formation End Depth:	50
Formation End Depth UOM:	ft

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

Formation ID:	930997584
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	20
Formation End Depth UOM:	ft

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

930997587
4
2
GREY
15
LIMESTONE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To	n Denth:	50			
Formation Er		90 ft			
<u>Overburden a</u> Materials Inte					
Formation ID Layer: Color: General Colo		930997585 2			
Mat1: Most Commo Mat2: Mat2 Desc: Mat3:		09 MEDIUM SAND			
Mat3 Desc: Formation To Formation Er Formation Er	p Depth: Id Depth: Id Depth UOM:	20 45 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well	-			
Method Cons		961503794			
Method Cons	truction Code: truction: I Construction:	1 Cable Tool			
<u>Pipe Information Pipe Information Pipe Information Pipe Information Pipe Pipe Pipe Pipe Pipe Pipe Pipe Pipe</u>	tion				
Pipe ID: Casing No: Comment: Alt Name:		10574407 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material:		930044429 2 4			
Open Hole or Depth From: Depth To:		OPEN HOLE			
Casing Diame Casing Diame Casing Depth	eter UOM:	4 inch ft			
<u>Construction</u>	<u>Record - Casing</u>				
Casing ID:		930044428			
Layer: Material:		1 1			
Open Hole or Depth From: Depth To:	Material:	STEEL			
Casing Diame Casing Diame	eter: eter UOM:	55 4 inch			

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Casing Depth	UOM:	ft				
Results of We	ell Yield Testin	ng				
Pump Test ID.		991503794				
Pump Set At:						
Static Level:		20				
	fter Pumping:	20				
Recommende Pumping Rate Flowing Rate:	ed Pump Dept e:	h: 25 10				
Recommende	ed Pump Rate:	t 10 ft				
Levels UOM: Rate UOM:		GPM				
	fter Test Cod					
Water State A		CLOUDY				
Pumping Test		1				
Pumping Dura		1				
Pumping Dura		0				
Flowing:		No				
Water Details						
Water ID:		933456776				
Layer: Kind Code:		1				
Kind:		FRESH				
Water Found	Depth:	80				
Water Found		ft				
<u>34</u>	1 of 1	WNW/181.1	61.0/-2.91	ON		BOR
Borehole ID:	61	0870	61.0/-2.91	Inclin FLG:	No	BOR
Borehole ID: OGF ID:	61		61.0 / -2.91	Inclin FLG: SP Status:	Initial Entry	BOR
Borehole ID: OGF ID: Status:	61 21	0870 5512380	61.0/-2.91	Inclin FLG: SP Status: Surv Elev:	Initial Entry No	BOR
Borehole ID: OGF ID: Status: Type:	61 21	0870	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer:	Initial Entry	BOR
Borehole ID: OGF ID: Status: Type: Use:	61 21 Bo	0870 15512380 prehole	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name:	Initial Entry No	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion D	61 21 Bo Date: M	0870 5512380	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality:	Initial Entry No	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L	61 21 Bo Date: M Level:	0870 15512380 prehole	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot:	Initial Entry No	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Wate	61 21 Bo Date: M Level: r Use:	0870 15512380 prehole	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality:	Initial Entry No	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Wate Sec. Water Us	61 21 Bo Date: M Level: r Use: se: 1: 27	10870 5512380 prehole AR-1962 7.4	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township:	Initial Entry No No	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Wate Sec. Water Us Total Depth m Depth Ref:	61 21 Bo Date: M Level: r Use: se: 1: 27	0870 15512380 prehole AR-1962	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Lot: Township: Latitude DD: Longitude DD: UTM Zone:	Initial Entry No No 45.353132 -75.838627 18	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Wate Sec. Water Us Total Depth m Depth Ref: Depth Elev:	61 21 Bo Date: M Level: r Use: se: 1: 27	10870 5512380 prehole AR-1962 7.4	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting:	Initial Entry No No 45.353132 -75.838627 18 434311	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Wate Sec. Water Us Total Depth me Depth Ref: Depth Elev: Drill Method:	61 21 Bo Date: M Level: r Use: se: 1: 27 G	10870 15512380 prehole AR-1962 7.4 round Surface	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing:	Initial Entry No No 45.353132 -75.838627 18	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Wate Sec. Water Us Total Depth me Depth Ref: Depth Elev: Drill Method: Orig Ground I	61 21 Bo Date: M Level: r Use: se: 1: 27 G Elev m: 61	10870 15512380 prehole AR-1962 7.4 round Surface	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy:	Initial Entry No No 45.353132 -75.838627 18 434311 5022522	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Water Sec. Water Us Total Depth Ref: Depth Ref: Depth Elev: Drill Method: Orig Ground I Elev Reliabil I	61 21 Bate: M Level: r Use: se: 1: 27 G Elev m: 61 Note:	10870 15512380 orehole AR-1962 7.4 round Surface	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing:	Initial Entry No No 45.353132 -75.838627 18 434311	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Water Sec. Water Us Total Depth Ref: Depth Elev: Drill Method: Orig Ground I Elev Reliabil I DEM Ground	61 21 Bate: M Level: r Use: se: 1: 27 G Elev m: 61 Note:	10870 15512380 prehole AR-1962 7.4 round Surface	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy:	Initial Entry No No 45.353132 -75.838627 18 434311 5022522	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Water Sec. Water Us Total Depth Ref: Depth Elev: Drill Method: Orig Ground I Elev Reliabil I DEM Ground I Concession: Location D:	61 21 Bate: M Level: r Use: se: 1: 27 G Elev m: 61 Note:	10870 15512380 orehole AR-1962 7.4 round Surface	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy:	Initial Entry No No 45.353132 -75.838627 18 434311 5022522	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Water Sec. Water Us Total Depth m Depth Ref: Depth Elev: Drill Method: Orig Ground Elev Reliabil I DEM Ground Concession: Location D: Survey D:	61 21 Bate: M Level: r Use: se: 1: 27 G Elev m: 61 Note:	10870 15512380 orehole AR-1962 7.4 round Surface	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy:	Initial Entry No No 45.353132 -75.838627 18 434311 5022522	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion D	61 21 Be bate: M Level: r Use: se: 1: 27 G Se: 1: 27 G Se: 1: 27 G Se: 1: 27 G Se: 1: 27 G Se: 1: 61	10870 15512380 orehole AR-1962 7.4 round Surface	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy:	Initial Entry No No 45.353132 -75.838627 18 434311 5022522	BORI
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Wate Sec. Water Us Total Depth Ref: Depth Ref: Depth Ref: Depth Elev: Drill Method: Orig Ground I Elev Reliabil I DEM Ground I Concession: Location D: Survey D: Comments: Borehole Geo Geology Strat	61 21 21 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	10870 15512380 orehole AR-1962 7.4 round Surface	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	Initial Entry No No 45.353132 -75.838627 18 434311 5022522	BORI
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Wate. Sec. Water Us Total Depth Ref: Depth Elev: Drill Method: Orig Ground I Elev Reliabil I DEM Ground I Elev Reliabil I DEM Ground D: Survey D: Comments: Borehole Geo Geology Strat Top Depth:	61 21 21 80 80 80 80 80 80 80 80 80 80 80 80 80	10870 15512380 orehole AR-1962 7.4 round Surface 1.7	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	Initial Entry No No 45.353132 -75.838627 18 434311 5022522	BORI
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Water Sec. Water Us Total Depth Ref: Depth Ref: Depth Ref: Depth Elev: Drill Method: Orig Ground I Elev Reliabil I DEM Ground I Concession: Location D: Survey D: Comments: Borehole Geo Geology Strat Top Depth: Bottom Depth	61 21 21 21 80 80 80 80 80 80 80 80 80 80 80 80 80	10870 15512380 orehole AR-1962 7.4 round Surface 1.7	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy: Mat Consistency: Material Moisture: Material Texture:	Initial Entry No No 45.353132 -75.838627 18 434311 5022522	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Wate Sec. Water Us Total Depth m Depth Ref: Depth Elev: Drill Method: Orig Ground I Elev Reliabil I DEM Ground I Elev Reliabil I DEM Ground I Concession: Location D: Survey D: Comments: Borehole Geo Geology Strat Top Depth: Bottom Depth Material Color	61 21 21 21 80 80 80 80 80 80 80 80 80 80 80 80 80	10870 15512380 orehole AR-1962 7.4 round Surface 1.7	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy: Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type:	Initial Entry No No 45.353132 -75.838627 18 434311 5022522	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Water Sec. Water Us Total Depth Ref: Depth Ref: Depth Ref: Depth Elev: Drill Method: Orig Ground I Elev Reliabil I DEM Ground I Elev Reliabil I DEM Ground I Concession: Location D: Survey D: Comments: Borehole Geo Geology Strat Top Depth: Bottom Depth	61 21 21 21 80 80 80 80 80 80 80 80 80 80 80 80 80	10870 15512380 orehole AR-1962 7.4 round Surface 1.7	61.0/-2.91	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy: Mat Consistency: Material Moisture: Material Texture:	Initial Entry No No 45.353132 -75.838627 18 434311 5022522	BOR

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	D
Material 3: Material 4:					Geologic Period: Depositional Gen:	
Gsc Material I	Description	. .			Depositional Gen.	
Stratum Desc			CLAY.			
Geology Strat	tum ID:	218386785	5		Mat Consistency:	
Top Depth:		13.7			Material Moisture:	
Bottom Depth	h:	15.2			Material Texture:	
Material Color	r:				Non Geo Mat Type:	
Material 1:		Gravel			Geologic Formation:	
Material 2:					Geologic Group:	
Material 3:					Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material I	Descriptior	1:				
Stratum Desc	ription:	(GRAVEL.			
Geology Strat	tum ID:	218386784	1		Mat Consistency:	
Top Depth:		6.1			Material Moisture:	
Bottom Depth		13.7			Material Texture:	
Material Color	r:				Non Geo Mat Type:	
Material 1:		Sand			Geologic Formation:	
Material 2:					Geologic Group:	
Material 3:					Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material I	•					
Stratum Desc	cription:		SAND.			
Geology Strat	tum ID:	218386786	6		Mat Consistency:	
Top Depth:		15.2			Material Moisture:	
Bottom Depth	h:	27.4			Material Texture:	
Material Color	r:	Grey			Non Geo Mat Type:	
Material 1:		Limestone			Geologic Formation:	
<i>Material 1:</i> Material 2:		Limestone			Geologic Group:	
Material 1: Material 2: Material 3: Material 4:						
Material 1: Material 2: Material 3:	•	1: L			Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRI/	ABLE,FRACTURED. 5 00026 004 00000054
Material 1: Material 2: Material 3: Material 4: Gsc Material I	•	1: L			Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRI/	ABLE,FRACTURED. 5 00026 004 00000054 ted [Stratum Description] field.
Material 1: Material 2: Material 3: Material 4: Gsc Material I Stratum Desc	•	1: L			Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRI/	
Material 1: Material 2: Material 3: Material 4: Gsc Material I Stratum Desc <u>Source</u> Source Type:	cription:	n: l	**Note: Many recor	rds provided by th	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRI/	
Material 1: Material 2: Material 3: Material 4: Gsc Material I Stratum Desc <u>Source</u> Source Type:	cription:	n: l	*Note: Many recor	rds provided by th	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRIA e department have a trunca	ted [Stratum Description] field.
Material 1: Material 2: Material 3: Material 4: Gsc Material I Stratum Desc Source Source Type: Source Orig:	cription:	n: l	*Note: Many recor ey Survey of Canada	rds provided by th	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRI/ e department have a trunca Source Appl:	ted [Stratum Description] field. Spatial/Tabular
Material 1: Material 2: Material 3: Gsc Material 4: Stratum Desc <u>Source</u> Source Type: Source Orig: Source Date:	cription:	n: l , Data Surve Geological	*Note: Many recor ey Survey of Canada	rds provided by th	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRIA e department have a trunca Source Appl: Source Iden:	ted [Stratum Description] field. Spatial/Tabular 1
Material 1: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc. Source Source Type: Source Orig: Source Date: Confidence:	cription:	n: Data Surve Geological 1956-1972	*Note: Many recor ey Survey of Canada	rds provided by th	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRIA e department have a trunca Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	ted [Stratum Description] field. Spatial/Tabular 1 Varies
Material 1: Material 2: Material 3: Gsc Material 4: Stratum Desc Source Source Type: Source Orig: Source Date: Confidence: Observatio:	ription:	n: Data Surve Geological 1956-1972	*Note: Many recor ey Survey of Canada Jrban Geology Au	rds provided by the	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRIA e department have a trunca Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS)	ted [Stratum Description] field. Spatial/Tabular 1 Varies NAD27
Material 1: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc Source Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name. Source Detail.	ription:	n: Data Surve Geological 1956-1972	*Note: Many recor ey Survey of Canada	rds provided by the	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRIA e department have a trunca Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS)	ted [Stratum Description] field. Spatial/Tabular 1 Varies NAD27
Material 1: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc Source Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name. Source Detail.	ription:	n: Data Surve Geological 1956-1972	*Note: Many recor ey Survey of Canada Jrban Geology Au	rds provided by the	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRIA e department have a trunca Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS)	ted [Stratum Description] field. Spatial/Tabular 1 Varies NAD27
Material 1: Material 2: Material 2: Material 3: Gsc Material 1 Stratum Desc Stratum Desc Source Type: Source Type: Source Orig: Source Orig: Source Date: Confidence: Source Name. Source Detail. Confiden 1:	ription:	n: Data Surve Geological 1956-1972	*Note: Many recor ey Survey of Canada Jrban Geology Au	rds provided by the	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRIA e department have a trunca Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS)	ted [Stratum Description] field. Spatial/Tabular 1 Varies NAD27
Material 1: Material 2: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc Stratum Desc Source Source Type: Source Type: Source Orig: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name. Source Detail. Confiden 1: Source List	ription: : :: :s:	n: Data Surve Geological 1956-1972	*Note: Many recor ey Survey of Canada Jrban Geology Au	rds provided by the	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRIA e department have a trunca Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) NTS_Sheet:	ted [Stratum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Material 1: Material 2: Material 2: Material 3: Gsc Material 1 Stratum Desc Source Source Type: Source Orig: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name. Source Detail. Confiden 1: Source List Source Identifi	ription: : :: s: :fier:	n: Data Surve Geological 1956-1972	*Note: Many recor Survey of Canada Jrban Geology Au File: OTTAWA1.txt	rds provided by the	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRIA e department have a trunca Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS)	ted [Stratum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level NAD27
Material 1: Material 2: Material 2: Material 3: Gsc Material 1 Stratum Desc Source Source Type: Source Orig: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name. Source Detail. Confiden 1: Source List Source List Source Identiti Source Type:	ription: : :: s: :fier:	n: Data Surve Geological 1956-1972	*Note: Many recor Survey of Canada Jrban Geology Au File: OTTAWA1.txt	rds provided by the	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRIA e department have a trunca Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) NTS_Sheet: Horizontal Datum:	ted [Stratum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Material 1: Material 2: Material 2: Material 3: Gsc Material 1 Stratum Desc. Source Source Type: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name. Source Detail. Confiden 1: Source List Source List Source Identiti Source Identiti Source Type: Source Date:	ription: : s: fier:	n: Data Surve Geological 1956-1972 L F 1 Data Surve	*Note: Many recor Survey of Canada Jrban Geology Au File: OTTAWA1.txt	rds provided by the	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRIA e department have a trunca Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) NTS_Sheet: Horizontal Datum: Vertical Datum:	ted [Stratum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level
Material 1: Material 2: Material 2: Material 3: Gsc Material 1 Stratum Desc. Source Source Type: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Detail. Confiden 1: Source List Source List Source Identii Source Identii Source Date: Source Date: Scale or Reso	ription: s: s: fier: blution:	1 Data Surve Geological 1956-1972	*Note: Many record Survey of Canada Jrban Geology Aut File: OTTAWA1.txt	rds provided by the tomated Information RecordID: 03378	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRIA e department have a trunca Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) NTS_Sheet: Horizontal Datum: Vertical Datum:	ted [Stratum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level
Material 1: Material 2: Material 3: Material 4: Gsc Material I	ription: s: ls: fier: plution:	1 Data Surve Geological 1956-1972	*Note: Many record Survey of Canada Jrban Geology Aut File: OTTAWA1.txt	tomated Information RecordID: 03378	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRIA e department have a trunca Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) NTS_Sheet: Horizontal Datum: Vertical Datum: Projection Name:	ted [Stratum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level
Material 1: Material 2: Material 2: Material 3: Gsc Material 1 Stratum Desc Source Source Type: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Detail: Confiden 1: Source List Source List Source Identii Source Identii Source Date: Source Date: Scale or Reso Source Name.	ription: s: ls: fier: plution:	1 Data Surve Geological 1956-1972	*Note: Many record Survey of Canada Jrban Geology Au File: OTTAWA1.txt	tomated Information RecordID: 03378	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRIA e department have a trunca Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) NTS_Sheet: Horizontal Datum: Vertical Datum: Projection Name:	ted [Stratum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level Universal Transverse Mercator
Material 1: Material 2: Material 2: Material 3: Gsc Material 4: Gsc Material 1 Stratum Desc Source Source Type: Source Date: Confidence: Observatio: Source Date: Source List Source List Source Identin Source Identin Source Type: Source Date: Source Name. Source Name. Source Origin	ription: s: ls: fier: plution: s: nators:	1 Data Surve Geological 1956-1972	*Note: Many record Survey of Canada Jrban Geology Aut File: OTTAWA1.txt Ey Jrban Geology Aut Geological Survey	tomated Information RecordID: 03378 tomated Information	Geologic Group: Geologic Period: Depositional Gen: SANDSTONE. GREY,FRIA e department have a trunca Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) NTS_Sheet: Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS)	ted [Stratum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level

	r of Is	Direction/ Distance (m)	Elev/Diff (m)	Site		
Construction Date:				Data Src:	1	
Primary Water Use:	Domestic			Date Received:	5/19/1960	
Sec. Water Use:	0			Selected Flag:	Yes	
Final Well Status:	Water Supp	olv		Abandonment Rec:		
Nater Type:	indici edipi	,		Contractor:	3504	
Casing Material:				Form Version:	1	
Audit No:				Owner:	1	
Tag:				Street Name:	077.010/0	
Construction Method:				County:	OTTAWA	
Elevation (m):				Municipality:	NEPEAN TOWNSHIP	
Elevation Reliability:				Site Info:		
Depth to Bedrock:				Lot:	013	
Vell Depth:				Concession:	01	
Overburden/Bedrock:				Concession Name:	OF	
Pump Rate:				Easting NAD83:		
Static Water Level:				Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate: Clear/Cloudy:				UTM Reliability:		
PDF URL (Map):	h	ittps://d2khazk8e83	rdv.cloudfront.ne	t/moe_mapping/downloads	s/2Water/Wells_pdfs/150\1503824.pdf	
Bore Hole Information						
Bore Hole ID:	10025867			Elevation:	62.914989	
DP2BR:	46			Elevrc:		
Spatial Status:				Zone:	18	
Code OB:	r			East83:	434590.6	
	Bedrock			North83:	5022522	
Code OB Desc:	Dedrock				5022522	
Open Hole:				Org CS:	_	
Cluster Kind:				UTMRC:	5	
Date Completed:	3/23/1960			UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:				Location Method:	p5	
Elevrc Desc:						
Location Source Date:						
mprovement Location	Source:					
morovement I ocation .						
•						
Source Revision Comm						
Source Revision Comm Supplier Comment: Overburden and Bedroo	nent:					
Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u>	nent: <u>ck</u>	30997656				
Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID:	nent: <u>ck</u> 9	930997656				
Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer:	nent: <u>ck</u>					
Source Revision Comm Supplier Comment: <u>Dverburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color:	nent: <u>ck</u> 9					
Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color:	ient: <u>ck</u> 9 1					
Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color:	nent: <u>ck</u> 9 1 0)5				
Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1:	nent: <u>ck</u> 1 0					
Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material:	nent: <u>ck</u> 1 0)5				
Source Revision Comm Supplier Comment: <u>Overburden and Bedroo Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2:	nent: <u>ck</u> 1 0)5				
Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	nent: <u>ck</u> 1 0)5				
Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: General Color: Mat1: Most Common Material: Mat2: Mat2: Mat2 Desc: Mat3:	nent: <u>ck</u> 1 0)5				
Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	9 9 1 : C	95 CLAY				
Source Revision Comm Supplier Comment: <u>Dverburden and Bedroo Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Formation Top Depth:	9 9 1 2 2 2 2 2 0 0)5 CLAY				
Source Revision Comm Supplier Comment: <u>Dverburden and Bedroo 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:	9 9 1 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3)5 CLAY) 16				
Source Revision Comm Supplier Comment: <u>Dverburden and Bedroo Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	9 9 1 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3)5 CLAY) 16				
Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth Formation End Depth U	eent: <u>ck</u> 9 1 2 2 2 3 3 4 4 4 4 7 0 4 4 7 0 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5)5 CLAY) 16				
Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	репt: <u>ck</u> 9 1 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2)5 CLAY) 16				
Source Revision Comm Supplier Comment: <u>Dverburden and Bedroo</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 Coverburden and Bedroo Materials Interval Formation ID:	репt: <u>ck</u> 9 1 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	95 CLAY 9 16 t 930997657				
Source Revision Comm Supplier Comment: <u>Dverburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth U <u>Dverburden and Bedroo</u> <u>Materials Interval</u>	9 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	95 CLAY 9 16 t 930997657				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
General Colo Mat1: Most Commo		15 LIMESTONE			
Mat2: Mat2 Desc: Mat3:					
Mat3 Desc:		10			
Formation To Formation En	p Depth: d Depth:	46 96			
	d Depth UOM:	ft			
<u>Method of Co Use</u>	nstruction & Well				
Method Cons	truction ID: truction Code:	961503824 1			
Method Cons		Cable Tool			
Pipe Informat	ion				
Pipe ID:		10574437			
Casing No: Comment: Alt Name:		1			
Construction	Record - Casing				
Casing ID:		930044490			
Layer:		2			
Material: Open Hole or	Matorial	4 OPEN HOLE			
Depth From:	material.	OFENTIOLE			
Depth To:		96			
Casing Diame Casing Diame	eter:	5 inch			
Casing Depth		ft			
Construction	Record - Casing				
Casing ID:		930044489			
Layer:		1			
Material: Open Hole or	Material:	1 STEEL			
Depth From:		-			
Depth To:	4	55 F			
Casing Diame Casing Diame	eter: eter UOM:	5 inch			
Casing Depth	UOM:	ft			
Results of We	ell Yield Testing				
Pump Test ID	:	991503824			
Pump Set At:		40			
Static Level: Final Level A:	fter Pumping:	19 40			
Recommende	ed Pump Depth:	40			
Pumping Rate	e:	6			
Flowing Rate	: ed Pump Rate:	6			
	a rump kale:	6 ft			
Levels UOM:		GPM			

Map Key	Number o Records	of Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Water State A Water State A Pumping Tes Pumping Dur Pumping Dur Flowing:	After Test: t Method: ration HR:	de: 2 CLOUDY 1 1 0 No				
Water Details	i					
Water ID: Layer: Kind Code: Kind: Water Found Water Found		933456816 1 1 FRESH 96 ft				
<u>36</u>	1 of 1	W/186.0	64.2 / 0.33	1 & 3 Ullswater Drive, and 2A & 2B Crystal I Ottawa ON	25 & 33 Elterwater Avenue Beach Drive	EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional Int	d: Name: Size:	20111108027 C Custom Report 11/14/2011 11/8/2011 11:38:03 AM		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON 0.25 -75.839543 45.351655	
<u>37</u>	1 of 4	W/186.0	64.2 / 0.33	1 Ullswater Drive Ottawa ON K2H 5H2		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building S Additional Int	d: Name: Size:	20191128050 C Site Report 29-NOV-19 28-NOV-19		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .001 -75.839223 45.351897	
<u>37</u>	2 of 4	W/186.0	64.2 / 0.33	1 Ullswater Drive Ottawa ON K2H 5H2		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional Int	d: Name: Size:	20191128050 C Site Report 29-NOV-19 28-NOV-19		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .001 -75.839223 45.351897	
<u>37</u>	3 of 4	W/186.0	64.2 / 0.33	1 Ullswater Drive Ottawa ON K2H 5H2		EHS
Order No: Status: Report Type:		20191128050 C Site Report		Nearest Intersection: Municipality: Client Prov/State:	ON	

erisinfo.com | Environmental Risk Information Services

Мар Кеу	Number Records		rection/ stance (m)	Elev/Diff (m)	Site		DB
Report Date. Date Receive Previous Sit Lot/Building Additional Ir	ed: te Name: Size:	29-NOV-19 28-NOV-19			Search Radius (km): X: Y:	.001 -75.839223 45.351897	
<u>37</u>	4 of 4	W/1	86.0	64.2 / 0.33	1 Ullswater Drive Ottawa ON K2H 5H2		EHS
Order No: Status: Report Type Report Date. Date Receiv. Previous Sit Lot/Building Additional Ir	: ed: te Name: Size:	20191128050 C Site Report 29-NOV-19 28-NOV-19			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .001 -75.839223 45.351897	
<u>38</u>	1 of 1	NNI	E/208.4	61.9/-2.00	NEPEAN CITY LOCH ISLE RD./SUNN NEPEAN CITY ON	Y BRAE AVE.	СА
Certificate # Application Issue Date: Approval Ty Status: Application Client Name Client Addre Client Addre Client City: Client Posta Project Desc Contaminan Emission Co	Year: Type: Type: S: S: Code: Cription: S: S: S: S: S: S: S: S: S: S	99 11/4/	cipal sewage				
<u>39</u>	1 of 1	NNI	E/215.0	60.8 / -3.11	lot 13 con 1 ON		WWIS
Well ID: Construction Primary Wat Sec. Water U Final Well Si Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation Re Depth to Bed Well Depth: Overburden, Pump Rate: Static Water Flowing (Y/M Flow Rate:	ter Use: Use: tatus: erial: n Method: n): eliability: drock: /Bedrock: / Level: V):	1503809 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 6/12/1950 Yes 3566 1 OTTAWA NEPEAN TOWNSHIP 013 01 OF	

Flow Rate: Clear/Cloudy:

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
PDF URL (Ma	ар):		https://d2khazk8e83	Brdv.cloudfront.n	et/moe_mapping/download	ls/2Water/Wells_pdfs/150\1503809.pdf	
Bore Hole Inf	formation						
Bore Hole ID: DP2BR:	:	10025852 50	2		Elevation: Elevrc:	62.835689	
	. .	50			Zone:	18	
Spatial Statu: Code OB:	5.				East83:	434500.6	
Code OB: Code OB Des		r Bedrock			North83:	5022612	
Соце ОБ Des Open Hole:	.	DEGLOCK			Org CS:	5022012	
Cluster Kind:					UTMRC:	9	
Date Comple		4/19/1948	2		UTMRC Desc:	unknown UTM	
Remarks: Elevrc Desc:	leu.	-/ 10/ 10-10	,		Location Method:	p9	
Location Sou Improvement Improvement Source Revis Supplier Con	t Location S t Location N sion Comme	lethod:					
Overburden a Materials Inte		<u>k</u>					
Formation ID	:		930997623				
Layer:	-		2				
Color:							
General Colo	r:						
Mat1:			15				
Most Commo	on Material:		LIMESTONE				
Mat2:							
Mat2 Desc:							
Mat3:							
Mat3 Desc:							
Formation To	op Depth:		50				
Formation Er			154				
Formation Er	nd Depth UC	OM:	ft				
Overburden a Materials Inte		<u>k</u>					
Formation ID	:		930997622				
Layer:			1				
Color:							
General Colo	r:		05				
Mat1: Maat Commo	m Motorial		05				
Most Commo	on Material:		CLAY				
Mat2: Mat2 Doso:			09 MEDILIM SAND				
Mat2 Desc:			MEDIUM SAND				
Mat3: Mat3 Desc:			12 STONES				
wats Desc: Formation To	n Denth		0				
Formation En			50				
Formation En		OM:	ft				
<u>Method of Co Use</u>	onstruction	<u>& Well</u>					
Method Cons			961503809				
Method Cons			1 October Tarak				
Method Cons			Cable Tool				
Other Method	a l'onstruct	ion:					

Other Method Construction:

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe Informat	<u>ion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10574422 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From:	Material:	930044458 2			
Depth To: Casing Diame Casing Diame Casing Depth	eter UOM:	50 6 inch ft			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	eter: eter UOM:	930044457 1 STEEL 49 6 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:	930044459 3 4 OPEN HOLE 154 6 inch ft			
<u>Results of We</u>	ell Yield Testing				
Pumping Rate Flowing Rate Recommende Levels UOM: Rate UOM: Water State A Water State A Pumping Tes Pumping Dur	fter Pumping: ed Pump Depth: e: ed Pump Rate: fter Test Code: fter Test: t Method: ation HR:	991503809 12 16 10 10 ft GPM 1 CLEAR 1 0			
Pumping Dur Flowing:	ation MIN:	30 No			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found D	Denth:	933456796 1 1 FRESH				
Water Found D		ft				
<u>40</u>	1 of 1	E/215.3	63.8/-0.03	lot 13 con 1 ON		wwis
Well ID:		3819		Data Entry Status:		
Construction E		maatia		Data Src:	1 7/7/1955	
Primary Water Sec. Water Use		nestic		Date Received: Selected Flag:	Yes	
Final Well Stat		ter Supply		Abandonment Rec:	100	
Water Type:				Contractor:	3718	
Casing Materia	al:			Form Version:	1	
Audit No:				Owner:		
Tag: Construction N	Method:			Street Name: County:	ΟΤΤΑΨΑ	
Elevation (m):				Municipality:	NEPEAN TOWNSHIP	
Elevation Relia	ability:			Site Info:		
Depth to Bedro	ock:			Lot:	013	
Well Depth: Overburden/Be	odrock:			Concession: Concession Name:	01 OF	
Pump Rate:	eurock.			Easting NAD83:	01	
Static Water Le	evel:			Northing NAD83:		
Flowing (Y/N):				Zone:		
Flowing (Y/N): Flow Rate:						
Flowing (Y/N): Flow Rate: Clear/Cloudy:		https://d2khazk8e8	33rdv.cloudfront.ne	Zone: UTM Reliability:	s/2Water/Wells_pdfs/150\1503819.p	odf
)):	https://d2khazk8e{	33rdv.cloudfront.ne	Zone: UTM Reliability:	s/2Water/Wells_pdfs/150\1503819.p	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info	o): ormation	https://d2khazk8e&	33rdv.cloudfront.ne	Zone: UTM Reliability:	s/2Water/Wells_pdfs/150\1503819.p 64.42498	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR:	o): <u>ormation</u> 100 6		33rdv.cloudfront.ne	Zone: UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc:	64.42498	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status:	o): o <u>rmation</u> 100 6 :		33rdv.cloudfront.ne	Zone: UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone:	64.42498 18	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB:	5): 100 6 : r	25862	33rdv.cloudfront.ne	Zone: UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83:	64.42498 18 434660.6	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc	5): 100 6 : r		33rdv.cloudfront.ne	Zone: UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83:	64.42498 18	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc Open Hole: Cluster Kind:	o): o <u>rmation</u> 6 : : c: Bec	125862 trock	33rdv.cloudfront.ne	Zone: UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83:	64.42498 18 434660.6 5022372 9	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info DP2BR: Spatial Status: Code OB: Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete	o): o <u>rmation</u> 6 : : c: Bec	25862	33rdv.cloudfront.ne	Zone: UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.42498 18 434660.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info DP2BR: Spatial Status: Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks:	o): o <u>rmation</u> 6 : : c: Bec	125862 trock	33rdv.cloudfront.ne	Zone: UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	64.42498 18 434660.6 5022372 9	vdf
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sourd Improvement L Source Revisio	o): <u>ormation</u> 100 6 : r c: Bec ed: 2/1/ cce Date: Location Source Location Metho on Comment:)25862 drock (1955 c e:	33rdv.cloudfront.ne	Zone: UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.42498 18 434660.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sourd Improvement L Source Revisio Supplier Comm	o): <u>ormation</u> 100 6 : r c: Bec ed: 2/1/ rce Date: Location Source Location Methe on Comment: ment: ment:)25862 drock (1955 c e:	33rdv.cloudfront.ne	Zone: UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.42498 18 434660.6 5022372 9 unknown UTM	odf
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sourd Improvement L Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Inter</u>	o): <u>ormation</u> 100 6 : r c: Bec ed: 2/1/ rce Date: Location Source Location Methe on Comment: ment: ment:	225862 drock (1955 ce: od:	33rdv.cloudfront.ne	Zone: UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.42498 18 434660.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sourd Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Inter</u> Formation ID:	o): <u>ormation</u> 100 6 : r c: Bec ed: 2/1/ rce Date: Location Source Location Methe on Comment: ment: ment:	930997646	33rdv.cloudfront.ne	Zone: UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.42498 18 434660.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Source Improvement L Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Inter</u> Formation ID: Layer:	o): <u>ormation</u> 100 6 : r c: Bec ed: 2/1/ rce Date: Location Source Location Methe on Comment: ment: ment:	225862 drock (1955 ce: od:	33rdv.cloudfront.ne	Zone: UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.42498 18 434660.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map. Bore Hole Info. Bore Hole ID: DP2BR: Spatial Status: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Source Improvement L Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Intern</u> Formation ID: Layer: Color:	o): <u>ormation</u> 100 6 : r c: Bec ed: 2/1/ cce Date: Location Source Location Metho on Comment: ment: <u>nd Bedrock</u> <u>val</u>	930997646	33rdv.cloudfront.ne	Zone: UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.42498 18 434660.6 5022372 9 unknown UTM	rdf
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sourc Improvement L Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Intern</u> Formation ID: Layer: Color: General Color:	o): <u>ormation</u> 100 6 : r c: Bec ed: 2/1/ cce Date: Location Source Location Metho on Comment: ment: <u>nd Bedrock</u> <u>val</u>	930997646	33rdv.cloudfront.ne	Zone: UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.42498 18 434660.6 5022372 9 unknown UTM	df
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map. Bore Hole Info. Bore Hole ID: DP2BR: Spatial Status: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Source Improvement L Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Intern</u> Formation ID: Layer: Color:	b): prmation 100 6 : r : Bed: 2/1/ ce Date: Location Source Location Methor on Comment: ment: ment: med Bedrock val	930997646 2	33rdv.cloudfront.ne	Zone: UTM Reliability: et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc:	64.42498 18 434660.6 5022372 9 unknown UTM	df

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:					
Mat3: Mat3 Desc:					
Formation Te	op Depth:	6			
Formation E	nd Depth:	130			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID):	930997645			
Layer:		1			
Color: General Colo	N <i>ri</i>				
Mat1:		05			
Most Comme	on Material:	CLAY			
Mat2:					
Mat2 Desc: Mat3:					
Mat3 Desc:					
Formation T		0			
Formation E	nd Depth: nd Depth UOM:	6 ft			
FORMALION	па Берш обім.	π			
<u>Method of Co Use</u>	onstruction & Well				
Method Con	struction ID:	961503819			
	struction Code:	1			
Method Cons	struction: d Construction:	Cable Tool			
Other Metho	a construction:				
<u>Pipe Informa</u>	<u>ntion</u>				
Pipe ID:		10574432			
Casing No:		1			
Comment: Alt Name:					
Alt Name.					
Construction	n Record - Casing				
Casing ID:		930044479			
Layer: Motorioli		1			
Material: Open Hole o	r Material·	1 STEEL			
Depth From:		OTELL			
Depth To:		60			
Casing Diam Casing Diam		4 inch			
Casing Dept	h UOM:	ft			
<u>Constructior</u>	n Record - Casing				
Casing ID:		930044480			
Layer:		2			
Material:		4			
Open Hole of Depth From:		OPEN HOLE			
Depth From: Depth To:		130			
Casing Diam		4			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			

Results of Well	Yield	Testing
-----------------	-------	---------

Pump Test ID:	991503819
Pump Set At: Static Level:	15
Final Level After Pumping:	30
Recommended Pump Depth:	-
Pumping Rate: Flowing Rate:	5
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:	8
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933456811
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	130
Water Found Depth UOM:	ft

<u>41</u>	1 of 1	NE/220.7	62.2 / -1.69	6 Rocky Point Road, (ON	Ottawa	INC
Incident No:		917936		Any Health Impact:	No	
Incident ID:		3075872		Any Enviro Impact:	Unknown	
Instance No:				Service Interrupted:	No	
Status Code:		Causal Analysis Complete		Was Prop Damaged:	No	
Attribute Cate	gory:	FS-Perform L1 Incident Insp		Reside App. Type:		
Context:				Commer App. Type:		
Date of Occuri		2012/10/11 00:00:00		Indus App. Type:		
Time of Occur		NULL		Institut App. Type:		
Incident Creat				Venting Type:		
Instance Creat				Vent Conn Mater:		
Instance Insta		0040/40/44 00 00 00		Vent Chimney Mater:		
Occur Insp Sta		2012/10/11 00:00:00		Pipeline Type:		
Approx Quant		unknwon		Pipeline Involved:		
Tank Capacity Fuels Occur T		Leak		Pipe Material:		
Fuel Type Invo		Fuel Oil		Depth Ground Cover: Regulator Location:		
Enforcement P		NULL		Regulator Type:		
Prc Escalation		NULL		Operation Pressure:		
Tank Material		NOLL		Liquid Prop Make:		
Tank Storage	•••			Liquid Prop Model:		
Tank Location				Liquid Prop Serial No:		
Pump Flow Ra				Liquid Prop Notes:		
Task No:	-	4076542		Equipment Type:		
Notes:				Equipment Model:		
Drainage Syste	em:	Unknown		Serial No:		
Sub Surface C	contam.:			Cylinder Capacity:		
Aff Prop Use V		No		Cylinder Cap Units:		
Contam. Migra		No		Cylinder Mat Type:		
Contact Natura		Unknown		Near Body of Water:	No	
Incident Locat		6 Rocky Point Road	,			
Occurence Na	rrative:	Adandoned undergr	ound fuel oil tank	discovered at a residence.		

Мар Кеу	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Operation Ty Item: Item Descrip Device Insta	otion:		Private Dwelling				
<u>42</u>	1 of 5		E/223.7	64.6 / 0.69	Minto Apartments Ltd. 4 Crystal BEach Drive ottawa ON		GEN
Generator No Status:	o:	ON9132	612		PO Box No: Country:		
Approval Ye Contam. Fac MHSW Facili	cility:	2013			Choice of Contact: Co Admin: Phone No Admin:		
SIC Code: SIC Descript	•	531310	REAL ESTATE PRO	OPERTY MANAG			
<u>Detail(s)</u>							
Waste Class Waste Class			251 OIL SKIMMINGS &	SLUDGES			
<u>42</u>	2 of 5		E/223.7	64.6 / 0.69	Minto Apartments Ltd. 4 Crystal BEach Drive ottawa ON		GEN
Generator N Status: Approval Ye Contam. Fac MHSW Facili	ars: ars:	ON91320 2012	612		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		
SIC Code: SIC Descript	tion:	531310	Real Estate Propert	y Managers			
<u>42</u>	3 of 5		E/223.7	64.6 / 0.69	Enbridge Gas Distribu 4E Crystal Beach Driv Ottawa ON		SPL
Ref No: Site No: Incident Dt: Year:		8867-9P NA 2014/09/	-		Discharger Report: Material Group: Health/Env Conseq: Client Type:		
Incident Cau Incident Eve Contaminan	nt:	Leak/Bre 35	eak		Sector Type: Agency Involved: Nearest Watercourse:	Pipeline/Components	
Contaminan Contaminan Contam Lim Contaminan	t Limit 1: it Freq 1:	NATURA	AL GAS (METHANE)		Site Address: Site District Office: Site Postal Code:	4E Crystal Beach Drive	
Environmen Nature of Im Receiving M Receiving Ei	t Impact: pact: edium: nv:	Confirme Air Pollut			Site Region: Site Municipality: Site Lot: Site Conc: Northing:	Ottawa	
MOE Respoi Dt MOE Arvi MOE Reporte Dt Documen	on Scn: ed Dt:	Referral 2014/09/ 2014/12/	22		Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class:	TSSA - Fuel Safety Branch - Hydrod Release/Spill	carbon Fu
Incident Rea Site Name: Site County/ Site Geo Ref	District:	Operator	/Human Error Residence <unoff< td=""><td>TCIAL></td><td>Source Type:</td><td></td><td></td></unoff<>	TCIAL>	Source Type:		

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Incident Sun Contaminan			TSSA - Damage t 0 other - see incid	o header on main l ent description	ine		
<u>42</u>	4 of 5		E/223.7	64.6 / 0.69	Minto Apartments Ltd. 4 Crystal BEach Drive ottawa ON K2H 5M4		GEN
Generator N Status: Approval Ye Contam. Facil SIC Code: SIC Descript	ears: cility: ity:	ON91326 2014 No No 531310		ROPERTY MANAG	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: GERS	Canada CO_OFFICIAL	
<u>Detail(s)</u> Waste Class Waste Class			251 OIL SKIMMINGS	& SLUDGES			
<u>42</u>	5 of 5		E/223.7	64.6 / 0.69	ZONE 5 LANDSCAPIN 4 CRYSTAL BEACH DI CA ON	G INC R,,NEPEAN,ON,K2H 5M4,	PINC
Incident ID: Incident No: Incident Rep Type: Status Code Customer Ad Incident Add	oorted Dt: : cct Name:	ZONE 5 4 CRYST	4 ine Incident LANDSCAPING IN FAL BEACH DR.,NI		Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy: Public Relation:		
Tank Status. Task No: Spills Actior Fuel Type: Fuel Occurre Date of Occu Occurrence Operation Ty Pipeline Typ Regulator Ty Summary: Reported By Affiliation: Occurrence Damage Rea Notes:	n Centre: ence Tp: urrence: Start Dt: ype: pe: ype: /: Desc:	5M4,CA Non Man	dated		Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:		
<u>43</u>	1 of 1		NNE/227.3	61.3 / -2.54	lot 13 con 1 ON		wwis
Well ID: Construction Primary Wat Sec. Water U Final Well St Water Type: Casing Mate Audit No:	ter Use: Jse: tatus:	1504678 Domestic 0 Water Su			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	1 11/30/1965 Yes 1603 1	

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Tag:				Street Name:	
Construction N	lethod:			County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Relia	bility:			Site Info:	
Depth to Bedro	ock:			Lot:	013
Well Depth:				Concession:	01
Overburden/Be	drock:			Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Le	evel:			Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map)):	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/downloads	s/2Water/Wells_pdfs/150\1504678.pdf
Bore Hole Infor	rmation				
Bore Hole ID:	100267	21		Elevation:	62.76477
DP2BR:	51			Elevrc:	
Spatial Status:	-			Zone:	18
Code OB:	r			East83:	434510.6
Code OB Desc		(North83:	5022622
Open Hole:	200.00			Org CS:	
Cluster Kind:				UTMRC:	9
	d: 11/5/19	65		UTMRC Desc:	unknown UTM
Date Complete				Location Method:	p9
Remarks:					
Remarks: Elevrc Desc: Location Sourc Improvement L	ce Date: .ocation Source:				
Remarks: Elevrc Desc: Location Sourc Improvement L Improvement L Source Revisio Supplier Comn	ce Date: ocation Source: ocation Method: on Comment: nent:				
	ce Date: ocation Source: ocation Method: on Comment: nent: d <u>Bedrock</u>				
Remarks: Elevrc Desc: Location Sourc Improvement L Improvement L Source Revisio Supplier Comn <u>Overburden an</u>	ce Date: ocation Source: ocation Method: on Comment: nent: d <u>Bedrock</u>	931000148			
Remarks: Elevrc Desc: Location Sourc Improvement L Improvement L Source Revisio Supplier Comn <u>Overburden an</u> <u>Materials Interv</u> Formation ID:	ce Date: ocation Source: ocation Method: on Comment: nent: d <u>Bedrock</u>	931000148 1			
Remarks: Elevrc Desc: Location Sourc Improvement L Improvement L Source Revisio Supplier Comn <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer:	ce Date: ocation Source: ocation Method: on Comment: nent: d <u>Bedrock</u>				
Remarks: Elevrc Desc: Location Sourc Improvement L Improvement L Source Revisio Supplier Comn <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color:	ce Date: ocation Source: ocation Method: on Comment: nent: d <u>Bedrock</u>				
Remarks: Elevrc Desc: Location Sourc Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1:	ce Date: .ocation Source: .ocation Method: on Comment: nent: . <u>d Bedrock</u> <u>val</u>	02			
Remarks: Elevrc Desc: Location Sourc Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1:	ce Date: .ocation Source: .ocation Method: on Comment: nent: . <u>d Bedrock</u> <u>val</u>	1			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2:	ce Date: .ocation Source: .ocation Method: on Comment: nent: . <u>d Bedrock</u> <u>val</u>	02			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc:	ce Date: .ocation Source: .ocation Method: on Comment: nent: . <u>d Bedrock</u> <u>val</u>	02			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc:	ce Date: .ocation Source: .ocation Method: on Comment: nent: . <u>d Bedrock</u> <u>val</u>	02			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc:	ce Date: .ocation Source: .ocation Method: on Comment: nent: .od Bedrock val	02			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top	ce Date: .ocation Source: .ocation Method: on Comment: nent: .od <u>Bedrock</u> <u>val</u> Material: Depth:	1 02 TOPSOIL 0			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End	ce Date: .ocation Source: .ocation Method: on Comment: nent: . <u>d Bedrock</u> <u>val</u> Material: Depth: Depth:	1 02 TOPSOIL 0 3			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End	ce Date: .ocation Source: .ocation Method: on Comment: nent: . <u>d Bedrock</u> <u>val</u> Material: Depth: Depth:	1 02 TOPSOIL 0			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation Top Formation End Formation End	ce Date: cocation Source: ocation Method: on Comment: nent: d Bedrock val Material: Depth: Depth: Depth: Depth UOM:	1 02 TOPSOIL 0 3			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation Top Formation End Formation End Formation End <u>Overburden an</u> <u>Materials Interv</u>	ce Date: cocation Source: ocation Method: on Comment: nent: d Bedrock val Material: Depth: Depth: Depth: Depth UOM:	1 02 TOPSOIL 0 3 ft			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation End Formation End Formation End Formation End Formation ID:	ce Date: cocation Source: ocation Method: on Comment: nent: d Bedrock val Material: Depth: Depth: Depth: Depth UOM:	1 02 TOPSOIL 0 3 ft 931000149			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Sormation End Formation End Formation End Formation End Formation ID: Layer: Formation ID: Layer:	ce Date: cocation Source: ocation Method: on Comment: nent: d Bedrock val Material: Depth: Depth: Depth: Depth UOM:	1 02 TOPSOIL 0 3 ft			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3 Esc: Formation End Formation End Formation End Formation End Formation ID: Layer: Color:	ce Date: .ocation Source: .ocation Method: on Comment: nent:	1 02 TOPSOIL 0 3 ft 931000149			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm Overburden an Materials Interv Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Source Common Mat2: Formation End Formation End Formation End Formation End Coverburden an Materials Interv Formation ID: Layer: Color: General Color:	ce Date: .ocation Source: .ocation Method: on Comment: nent:	1 02 TOPSOIL 0 3 ft 931000149 2			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat3 Desc: Formation End Formation End Formation End Formation End Formation ID: Layer: Color: General Color: Mat3: Formation ID: Layer: Color: General Color: Mat1:	ce Date: .ocation Source: .ocation Method: on Comment: nent:	1 02 TOPSOIL 0 3 ft 931000149 2 09			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat3 Desc: Formation End Formation End Formation End <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat3 Desc: Formation End Formation End Formation ID: Layer: Color: General Color: Mat1: Most Common	ce Date: .ocation Source: .ocation Method: on Comment: nent:	1 02 TOPSOIL 0 3 ft 931000149 2 09 MEDIUM SAND			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat3 Desc: Formation End Formation End Formation End Formation End Formation End Formation ID: Layer: Color: General Color: Mat3 Desc: Formation End Formation End Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2:	ce Date: .ocation Source: .ocation Method: on Comment: nent:	1 02 TOPSOIL 0 3 ft 931000149 2 09 MEDIUM SAND 11			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> Materials Interv Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat3 Desc: Formation End Formation End Formation End Formation End Formation End Formation ID: Layer: Color: General Color: Mat3 Interv Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc:	ce Date: .ocation Source: .ocation Method: on Comment: nent:	1 02 TOPSOIL 0 3 ft 931000149 2 09 MEDIUM SAND 11 GRAVEL			
Remarks: Elevrc Desc: Location Source Improvement L Source Revisio Supplier Comm <u>Overburden an</u> <u>Materials Interv</u> Formation ID: Layer: Color:	ce Date: .ocation Source: .ocation Method: on Comment: nent:	1 02 TOPSOIL 0 3 ft 931000149 2 09 MEDIUM SAND 11			

DB

• •	lumber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top D	epth:	3			
Formation End D		51			
Formation End D	epth UOM:	ft			
<u>Overburden and</u> <u>Materials Interva</u>					
Formation ID:		931000150			
Layer:		3			
Color:					
General Color:		45			
Mat1: Most Common M	latarial	15 LIMESTONE			
Most Common M Mat2:	aleriai.				
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top D	epth:	51			
Formation End D		136			
Formation End D	epth UOM:	ft			
<u>Method of Const</u> <u>Use</u>	ruction & Well				
Method Construe	ction ID:	961504678			
Method Construe		1			
Method Construe		Cable Tool			
Other Method Co	onstruction:				
Pipe Information					
Pipe ID:		10575291			
Casing No:		1			
Comment: Alt Name:					
Construction Re	cord - Casing				
Casing ID:		930046175			
Layer:		1			
Material:	torial	1 STEEL			
Open Hole or Ma Depth From:	terial:	SIEEL			
Depth To:		53			
Casing Diameter	:	3			
Casing Diameter	UOM:	inch			
Casing Depth UC	DM:	ft			
Construction Re	<u>cord - Casing</u>				
Casing ID:		930046176			
Layer: Motorial:		2			
Material: Open Hole or Ma	terial:	4 OPEN HOLE			
Depth From:	certar.				
Depth To:		136			
Casing Diameter	:	3			
Casing Diameter	UOM:	inch			
Casing Depth UC		ft			

Results of Well Yield Testing

		991504678 13				
er Pumping d Pump Dep		25 100				
:		10				
d Pump Rat	te:	5				
ter Test Co	de:	-				
ter Test:		CLEAR				
Method:		1				
tion HR:		2				
tion MIN:		-				
		No				
		933457984				
		1				
		1				
S						
Pepth:						
1 of 1		WNW/228.3	60.8/-3.03	-		GEN
	ON29503	310		PO Box No:		
				Country:		
	2012					
	814110			Filone no Admin.		
n:	01110	Private Households				
1 of 1		N/228.5	61.2 / -2.64	lot 12 con 1 ON		WWIS
	1503801			Data Entry Status:	_	
	Domostio					
	-	vlaa			103	
		FF.)		Contractor:	1802	
al:				Form Version:	1	
				Owner:		
1					OTTANNA	
vietnod:					-	
ability:						
ock:				Lot:	012	
				Concession:	01	
edrock:				Concession Name:	OF	
				Easting NAD83:		
evel:						
				Zone: UTM Reliability:		
				o nivi Renability:		
	I Pump Rat ter Test Co ter Test: Method: tion HR: tion MIN: Pepth: Pepth: Pepth UOM. I of 1 s: ty: : n: I of 1 Sate: Use: Sate: Use: Sate: Use: Sate: Use: Sate: S	I Pump Rate: ter Test Code: ter Test: Method: tion HR: tion MIN: Pepth:	I Pump Rate: 5 ft GPM ter Test Code: 1 ter Test: CLEAR Method: 1 ition HR: 2 ition MIN: 0 No 933457984 1 1 FRESH pepth: 130 ref WNW/228.3 ON2950310 s: 2012 tri 814110 m: Private Households I of 1 N/228.5 I of 1 N/228.5 Use: Domestic s: 0 us: Water Supply d: Water Supply	I Pump Rate: 5 ft GPM ter Test Code: 1 ter Test: CLEAR Method: 1 tion HR: 2 tion MIN: 0 No 933457984 1 1 FRESH Pepth: 130 ref 1 WNW/228.3 60.8 / -3.03 ON2950310 s: 2012 ty: 814110 n: Private Households I of 1 N/228.5 61.2 / -2.64 1503801 Vate: Us: Water Supply d: Method: billity: box k:	I Pump Rate: 5 tr GPM ter Test Code: 1 ter Test: CLEAR Method: 1 iton HR: 2 tion MIN: 0 No No SKARLAN ENTERPR 1 1 FRESH tepth: 130 repth: 130 ON2950310 ON2950310 PO Box No: Country: Choice of Contact: condimin: Private Households ry: Contractor: i: Data Entry Status: Data Src: Data Src: Use: Domestic us: Value: Use: Domestic us: Form Version: Owmer: Street Name: Contractor: Contractor: contractor: </td <td>Image: Properties of the GPM is the Test Code: 1 1 GPM is the Test Code: 1 1 is the Test Code: 1 1 istorn NR: 2 2 istorn NR: 2 0 Method: 1 1 istorn NR: 2 0 S33457984 1 1 FRESH repth: 130 30 repth: 130 1 repth: 130 10 repth: 130 10 repth: 130 10 repth: 130 10 repth: 130 0.8/-3.03 SKARLAN ENTERPRISES 3409 CARLING AVENUE 00 ON2950310 PO Box No: Country: Codumtry: Codumtry: Contact: Co Admin: Phone No Admin: Phone No Admin: re: 150 Private Households Data Entry Status: Data Src: 1 1503801 Data Entry Status: Data Src: 1 Data Src: 1 Use: 0 onestic Selected Flag: Yes re: 150 Onwer: Street Name: Contractor: 18002 re: 160 Steet Name: Contractor: 18002 re: 160 Steet Name: Steet Name: Country: NEPEAN TOWNSHIP Steet Name: Concression Name: Of East Name: Steet Name: Concression Nam</td>	Image: Properties of the GPM is the Test Code: 1 1 GPM is the Test Code: 1 1 is the Test Code: 1 1 istorn NR: 2 2 istorn NR: 2 0 Method: 1 1 istorn NR: 2 0 S33457984 1 1 FRESH repth: 130 30 repth: 130 1 repth: 130 10 repth: 130 10 repth: 130 10 repth: 130 10 repth: 130 0.8/-3.03 SKARLAN ENTERPRISES 3409 CARLING AVENUE 00 ON2950310 PO Box No: Country: Codumtry: Codumtry: Contact: Co Admin: Phone No Admin: Phone No Admin: re: 150 Private Households Data Entry Status: Data Src: 1 1503801 Data Entry Status: Data Src: 1 Data Src: 1 Use: 0 onestic Selected Flag: Yes re: 150 Onwer: Street Name: Contractor: 18002 re: 160 Steet Name: Contractor: 18002 re: 160 Steet Name: Steet Name: Country: NEPEAN TOWNSHIP Steet Name: Concression Name: Of East Name: Steet Name: Concression Nam

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
PDF URL (Ma	p):	https://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/download	ls/2Water/Wells_pdfs/150\1503801.pdf	
Bore Hole Inf	ormation					
Bore Hole ID: DP2BR:	100258 55	844		Elevation: Elevrc:	60.947998	
Spatial Status Code OB: Code OB Des	r	ck		Zone: East83: North83: Org CS:	18 434455.6 5022632	
Open Hole: Cluster Kind: Date Complet Remarks:		953		UTMRC: UTMRC Desc: Location Method:	9 unknown UTM p9	
Improvement	Location Source: Location Method: ion Comment:					
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID Layer: Color:	:	930997605 2				
General Colo Mat1: Most Commo Mat2:		09 MEDIUM SAND				
Mat2 Desc: Mat3: Mat3 Desc:						
Formation To Formation Er Formation Er		40 55 ft				
<u>Overburden a</u> Materials Inte						
Formation ID Layer: Color:		930997604 1				
General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3:		05 CLAY				
Mat3 Desc: Formation To Formation Er Formation Er		0 40 ft				
Overburden a Materials Inte						
Formation ID Layer: Color: General Colo		930997606 3				
Mat1:		15				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Most Common	Material:	LIMESTONE			
Mat2:					
<i>Mat2 Desc:</i> Mat3:					
Wats: Wat3 Desc:					
Formation Top	Depth:	55			
Formation End		92			
Formation End		ft			
<u>Method of Cor</u> <u>Use</u>	struction & Well				
Method Const	ruction ID:	961503801			
Method Const	ruction Code:	7			
Method Const Other Method		Diamond			
Pipe Informati	<u>on</u>				
Pipe ID:		10574414			
Casing No:		1			
Comment:					
Alt Name:					
Construction I	Record - Casing				
Casing ID:		930044442			
Layer:		2			
Material: Open Hole or l	Material:	4 OPEN HOLE			
Depth From:					
Depth To:		92			
Casing Diame		3			
Casing Diame	ter UOM:	inch			
Casing Depth	UOM:	ft			
Construction I	Record - Casing				
Casing ID:		930044441			
Layer:		1			
Material:	Motorial	1 STEEL			
Open Hole or l Depth From:	viateriai:	STEEL			
Depth From. Depth To:		55			
Casing Diame	ter:	3			
Casing Diame	ter UOM:	inch			
Casing Depth	UOM:	ft			
Results of Wel	ll Yield Testing				
Pump Test ID:		991503801			
Pump Set At:		00			
Static Level:	or Dumping	20 30			
Final Level Aft Recommender	er Pumping: d Pump Depth:	30			
Pumping Rate		5			
Flowing Rate:		-			
Recommended	d Pump Rate:				
Levels UOM:	-	ft			
Rate UOM:		GPM			
	ter Test Code:	1			
Water State Af	ter lest:	CLEAR			

Map Key	Number Records		Elev/Diff (m)	Site		DB
Pumping Te Pumping Du Pumping Du Flowing:	ration HR:	1 2 0 No				
Water Detail	<u>'s</u>					
Water ID: Layer: Kind Code: Kind: Water Found Water Found		933456787 1 FRESH 90 1 : ft				
<u>46</u>	1 of 3	ESE/230.7	64.9 / 1.00	TAGGART CONSTRU 8 CRYSTAL BEACH I CA ON	ICTION LTD DR,,OTTAWA,ON,K2H 5M4,	PINC
Incident ID: Incident No: Incident Rep Type: Status Code Customer Ad Incident Add	oorted Dt: : cct Name:	1932792 8/31/2016 FS-Pipeline Incident TAGGART CONSTRUCTION 8 CRYSTAL BEACH DR,,OT		Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy: Public Relation:	Natural Gas Yes Yes	
Tank Status. Task No: Spills Actior Fuel Type: Fuel Occurro Date of Occu Occurrence Operation Ty	: n Centre: ence Tp: urrence: Start Dt: ype:	2016/08/31		Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:	FS-Perform P-line Inc Invest E-mail	
Pipeline Typ Regulator Ty Summary: Reported By Affiliation: Occurrence Damage Rea Notes:	ype: /: Desc:	8 CRYSTAL BEAC Bernie Monette - Ef Excavation practice	NBRIDGE	WA - PIPELINE HIT - 1/2"		
<u>46</u>	2 of 3	ESE/230.7	64.9 / 1.00	Enbridge Gas Distrib 8 Crystal Beach Drive Ottawa ON		SPL
Ref No: Site No: Incident Dt: Year: Incident Cau Incident Eve Contaminan Contaminan Contaminan Contaminan Environmen Nature of Im Receiving M	nt: t Code: t Name: t Limit 1: it Freq 1: t UN No 1: t Impact: pact:	6060-ADCHPQ NA 8/31/2016 Leak/Break 35 NATURAL GAS (METHANE)		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 Municipality: Site Lot: Site Conc:	Miscellaneous Communal 8 Crystal Beach Drive Ottawa	

erisinfo.com | Environmental Risk Information Services

Мар Кеу	Number Records		Elev/Diff (m)	Site	DB
Receiving Env MOE Respons Dt MOE Arvl o MOE Reported	e: n Scn:	Air 8/31/2016		Northing: Easting: Site Geo Ref Accu: Site Map Datum:	
Dt Document (Incident Reas) Site Name:	Closed: on:	Operator/Human Error Residence <unof< td=""><td>FICIAL></td><td>SAC Action Class: Source Type:</td><td>Notifications</td></unof<>	FICIAL>	SAC Action Class: Source Type:	Notifications
Site County/D Site Geo Ref I Incident Sumr Contaminant (<i>leth:</i> nary:	TSSA: FSB 0.5" P 0 other - see incid		lade Safe	
<u>46</u>	3 of 3	ESE/230.7	64.9 / 1.00	Enbridge Gas Distribu 8 Crystal Beach, Nepe Ottawa ON	
Ref No:		2783-ADCRU4		Discharger Report:	
Site No:		NA		Material Group:	
Incident Dt:		8/31/2016		Health/Env Conseq:	
Year: Incident Caus	e:			Client Type: Sector Type:	Miscellaneous Industrial
Incident Even		Leak/Break		Agency Involved:	
Contaminant (35	`	Nearest Watercourse:	2 Original Design Manager
Contaminant l Contaminant l		NATURAL GAS (METHANE	.)	Site Address: Site District Office:	8 Crystal Beach, Nepean
Contam Limit				Site Postal Code:	
Contaminant l				Site Region:	
Environment l	-			Site Municipality: Site Lot:	Ottawa
Nature of Impa Receiving Mea				Site Conc:	
Receiving Env		Air		Northing:	
MOE Respons				Easting:	
Dt MOE Arvl o MOE Reported		8/31/2016		Site Geo Ref Accu: Site Map Datum:	
Dt Document				SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fue Release/Spill
Incident Reas Site Name: Site County/Di Site Geo Ref N	istrict:	Operator/Human Error residential propert	y <unofficial></unofficial>	Source Type:	
Incident Sumr Contaminant (nary:	TSSAfsb: ½ pl IP 0 other - see incid	• • • •	nade safe	
<u>47</u>	1 of 1	SSE/241.1	64.9 / 1.00	IN FRONT OF ULLSW Ottawa ON	ATER DRIVE 47/48 WWIS
Well ID:		7263437		Data Entry Status:	
Construction		Monitoring		Data Src: Date Received:	5/24/2016
Sec. Water Us	e:			Selected Flag:	Yes
Final Well Stat Water Type:		Observation Wells		Abandonment Rec: Contractor:	1844
Casing Materi Audit No:	al:	7007000		Form Version: Owner:	7
Audit No: Tag:		Z227923 A187187		Owner: Street Name:	IN FRONT OF ULLSWATER DRIVE 47/48
Construction	Method:			County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Relia				Site Info: Lot:	
Depth to Redr					
Depth to Bedr Well Depth:	00A.			Concession:	

erisinfo.com | Environmental Risk Information Services

Order No: 21012100004

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Static Water L Flowing (Y/N) Flow Rate: Clear/Cloudy:				Northing NAD83: Zone: UTM Reliability:		
PDF URL (Maj	o):					
Bore Hole Info	ormation					
Improvement	c: ed: 9/16/20 rce Date: Location Source: Location Method: ion Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	65.26213 18 434524 5022175 UTM83 4 margin of error : 30 m - 100 m wwr	
Overburden a						
Materials Inter	<u>rval</u>					
Formation ID: Layer: Color: General Color Mat1: Most Commol Mat2: Mat2 Desc: Mat3 Desc:	:	1006113789 3 2 GREY 05 CLAY 28 SAND				
Formation Top Formation En Formation En		.6 2.15 m				
Overburden a Materials Inter						
Formation ID: Layer: Color: General Color Mat1: Most Commol	÷	1006113787 1				
Mat2: Mat2 Desc: Mat3:						
Mat3 Desc: Formation Top Formation En Formation En		0 .13 m				
<u>Overburden a</u> Materials Intel						

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Formation ID:	:	1006113790			
Layer:		4			
Color:		2			
General Colo Mat1:	r:	GREY			
Matt: Most Commo	n Matorial:	05 CLAY			
Mat2:	n Malerial.	28			
Mat2 Desc:		SAND			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation To	p Depth:	2.15			
Formation En		4.82			
Formation En	d Depth UOM:	m			
Overburden a Materials Inte					
Formation ID:	:	1006113788			
Layer:		2			
Color:					
General Colo	r:				
Mat1:		01			
Most Commo Mat2:	n Material:	FILL 06			
Matz: Mat2 Desc:		SILT			
Mat2 Desc. Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation To	p Depth:	.13			
Formation En		.6			
Formation En	d Depth UOM:	m			
<u>Annular Spac</u> <u>Sealing Reco</u>	<u>e/Abandonment</u> <u>rd</u>				
Plug ID:		1006113797			
Layer:		1			
Plug From:		1			
Plug To:		2.8			
Plug Depth U	OM:	m			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
<u></u> Method Cons	truction ID:	1006113796			
	truction Code:	B			
Method Cons		Other Method			
Other Method	l Construction:	HSA			
<u>Pipe Informat</u>	<u>tion</u>				
Pipe ID:		1006113786			
Casing No:		0			
Comment: Alt Name:					
<u>Construction</u>	<u>Record - Casing</u>				
Casing ID:		1006113793			
Layer:		1			
		5			
Material:					
Material: Open Hole or Depth From:	Material:	PLASTIC .3			

Map Key	Number of Records	f Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Depth To:		3.35			
Casing Diame		5.08			
Casing Diame		cm			
Casing Depth		m			
Construction	Record - Scre	<u>een</u>			
Screen ID:		1006113794			
Layer:		1			
Slot:		10			
Screen Top D		3.35			
Screen End D		4.82			
Screen Mater		5			
Screen Depth		m			
Screen Diame Screen Diame		cm 5.88			
Screen Diame	eler.	5.66			
Water Details	I				
Water ID:		1006113792			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found		2.3			
Water Found	Depth UOM:	m			
Hole Diamete	r				
noie Diamete	<u>a</u>				
	<u></u>	1006113791			
Hole ID:	<u>a</u>	1006113791 20.3			
Hole ID: Diameter:	<u>a</u>	1006113791 20.3 0			
Hole ID: Diameter: Depth From: Depth To:		20.3			
Hole ID: Diameter: Depth From: Depth To:		20.3 0			
Hole ID: Diameter: Depth From: Depth To: Hole Depth U	ЮМ:	20.3 0 4.82			
Hole ID: Diameter: Depth From: Depth To: Hole Depth U	ЮМ:	20.3 0 4.82 m	63.7/-0.13	IN FRONT OF 3-5 CF Ottawa ON	RYSTAL BEACH DRIVE
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete <u>48</u> Well ID:	OM: r UOM: 1 of 1 72	20.3 0 4.82 m cm	63.7/-0.13	Ottawa ON Data Entry Status:	RYSTAL BEACH DRIVE WWIS
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete <u>48</u> Well ID: Construction	OM: r UOM: 1 of 1 72 Date:	20.3 0 4.82 m cm <i>ESE/246.4</i> 263434	63.7/-0.13	Ottawa ON Data Entry Status: Data Src:	WWIS
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete <u>48</u> Well ID: Construction Primary Wate	OM: rr UOM: 1 of 1 72 Date: er Use: M	20.3 0 4.82 m cm	63.7/-0.13	Ottawa ON Data Entry Status: Data Src: Date Received:	5/24/2016
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete <u>48</u> Well ID: Construction Primary Wate Sec. Water Us	OM: r UOM: 1 of 1 72 Date: r Use: M se:	20.3 0 4.82 m cm <i>ESE/246.4</i> 263434 Ionitoring	63.7/-0.13	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag:	WWIS
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete <u>48</u> Well ID: Construction Primary Wate Sec. Water Us Final Well Sta	OM: r UOM: 1 of 1 72 Date: r Use: M se:	20.3 0 4.82 m cm <i>ESE/246.4</i> 263434	63.7/-0.13	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec:	5/24/2016 Yes
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete <u>48</u> Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type:	OM: rr UOM: 1 of 1 72 Date: er Use: M se: atus: O	20.3 0 4.82 m cm <i>ESE/246.4</i> 263434 Ionitoring	63.7/-0.13	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag:	5/24/2016
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete <u>48</u> Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater	OM: rr UOM: 1 of 1 72 Date: er Use: M se: atus: O rial:	20.3 0 4.82 m cm <i>ESE/246.4</i> 263434 Ionitoring	63.7/-0.13	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	5/24/2016 Yes 1844
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete <u>48</u> Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater. Audit No:	OM: rr UOM: 1 of 1 Date: rr Use: M se: atus: O rial: Z:	20.3 0 4.82 m cm <i>ESE/246.4</i> 263434 Nonitoring	63.7/-0.13	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	5/24/2016 Yes 1844
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete <u>48</u> Well ID: Construction Primary Wate Sec. Water Usta Water Type: Casing Mater. Audit No: Tag: Construction	OM: T of 1 Date: Pr Use: Mus: Mus: A Method:	20.3 0 4.82 m cm ESE/246.4 263434 Nonitoring Observation Wells 227922	63.7/-0.13	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County:	5/24/2016 Yes 1844 7 IN FRONT OF 3-5 CRYSTAL BEACH DRIVE OTTAWA
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete <u>48</u> Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater. Audit No: Tag: Construction Elevation (m)	OM: T of 1 Date: Pr Use: Method: Comparison Table T	20.3 0 4.82 m cm ESE/246.4 263434 Nonitoring Observation Wells 227922	63.7/-0.13	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	5/24/2016 Yes 1844 7 IN FRONT OF 3-5 CRYSTAL BEACH DRIVE
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete 48 Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater, Audit No: Tag: Construction Elevation (m) Elevation Rel	OM: r UOM: 1 of 1 Date: r Use: Method: ial: Method: iability:	20.3 0 4.82 m cm ESE/246.4 263434 Nonitoring Observation Wells 227922	63.7/-0.13	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	5/24/2016 Yes 1844 7 IN FRONT OF 3-5 CRYSTAL BEACH DRIVE OTTAWA
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete 48 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	OM: r UOM: 1 of 1 Date: r Use: Method: ial: Method: iability:	20.3 0 4.82 m cm ESE/246.4 263434 Nonitoring Observation Wells 227922	63.7/-0.13	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	5/24/2016 Yes 1844 7 IN FRONT OF 3-5 CRYSTAL BEACH DRIVE OTTAWA
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete 48 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:	OM: rr UOM: 1 of 1 Date: rr Use: Method: : iability: rock:	20.3 0 4.82 m cm ESE/246.4 263434 Nonitoring Observation Wells 227922	63.7/-0.13	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession:	5/24/2016 Yes 1844 7 IN FRONT OF 3-5 CRYSTAL BEACH DRIVE OTTAWA
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete 48 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	OM: rr UOM: 1 of 1 Date: rr Use: Method: : iability: rock:	20.3 0 4.82 m cm ESE/246.4 263434 Nonitoring Observation Wells 227922	63.7/-0.13	Ottawa ON 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:	5/24/2016 Yes 1844 7 IN FRONT OF 3-5 CRYSTAL BEACH DRIVE OTTAWA
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete 48 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:	OM: r UOM: 1 of 1 Date: r Use: M se: O ial: Z: iability: rock: Bedrock:	20.3 0 4.82 m cm ESE/246.4 263434 Nonitoring Observation Wells 227922	63.7/-0.13	Ottawa ON 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:	5/24/2016 Yes 1844 7 IN FRONT OF 3-5 CRYSTAL BEACH DRIVE OTTAWA
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete 48 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	OM: r UOM: 1 of 1 Date: r Use: M se: O ial: Z: iability: rock: Bedrock: Level:	20.3 0 4.82 m cm ESE/246.4 263434 Nonitoring Observation Wells 227922	63.7/-0.13	Ottawa ON 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:	5/24/2016 Yes 1844 7 IN FRONT OF 3-5 CRYSTAL BEACH DRIVE OTTAWA
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete 48 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:	OM: r UOM: 1 of 1 Date: r Use: M se: O ial: Z: iability: rock: Bedrock: Level:	20.3 0 4.82 m cm ESE/246.4 263434 Nonitoring Observation Wells 227922	63.7/-0.13	Ottawa ON 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:	5/24/2016 Yes 1844 7 IN FRONT OF 3-5 CRYSTAL BEACH DRIVE OTTAWA

PDF URL (Map):

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		05724		Elevation: Elevrc: Zone: East83: North83:	64.964294 18 434684 5022334	
Open Hole: Cluster Kind: Date Complete	ed: 9/18/20	015		Org CS: UTMRC: UTMRC Desc:	UTM83 4 margin of error : 30 m - 100 m	
Remarks: Elevrc Desc: Location Source Improvement L	ce Date: Location Source: Location Method:			Location Method:	wwr	
Supplier Comr	ment:					
<u>Overburden ar</u> Materials Inter						
Formation ID:		1006113715				
Layer: Color:		4 2				
General Color:		GREY				
Mat1:		05				
Most Common	Material:	CLAY				
Mat2:		28 SAND				
Mat2 Desc: Mat3:		SAND				
Mat3 Desc:						
Formation Top		1.8				
Formation End Formation End		5.15 m				
Tormation End	Depui OOm.					
<u>Overburden ar</u> <u>Materials Inter</u>	<u>nd Bedrock</u> val					
Formation ID:		1006113712				
Layer: Color:		1				
General Color:						
Mat1:						
Most Common	Material:					
Mat2: Mat2 Desc:						
Mat2 Desc. Mat3:						
Mat3 Desc:						
Formation Top		0				
Formation End Formation End		.15 m				
<u>Overburden ar</u> <u>Materials Inter</u>						
Formation ID:		1006113717				
Layer:		6				
Color:		2				
General Color: Mat1:		GREY				
Mat1: Most Common	Material:	05 CLAY				
Mat2:		28				
Mat2 Desc:		SAND				
Mat3:						

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc: Formation To Formation Er Formation Er	op Depth: nd Depth: nd Depth UOM:	6.4 7.6 m			
<u>Overburden a</u> Materials Inte					
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	r: on Material: op Depth:	1006113713 2 6 BROWN 01 FILL 28 SAND 11 GRAVEL .15 .9 m			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	or: on Material: op Depth:	1006113716 5 2 GREY 05 CLAY 5.15 6.4			
<u>Overburden a</u>	and Bedrock	m			
Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	: r:	1006113714 3 05 CLAY			
Mat3 Desc: Formation To Formation Er	op Depth: nd Depth: nd Depth UOM:	.9 1.8 m			
<u>Annular Spaces Sealing Reco</u>	ce/Abandonment_ ord				
Plug ID: Layer: Plug From:		1006113724 1 1			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To: Plug Depth U	IOM:	5.6 m			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	1006113723 B Other Method HSA			
<u>Pipe Informa</u>	tion				
Pipe ID: Casing No: Comment: Alt Name:		1006113711 0			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Diamo Casing Depth	eter: eter UOM:	1006113720 1 5 PLASTIC .3 6.1 5.08 cm m			
<u>Construction</u>	Record - Screen				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mater Screen Depth Screen Diamo	Depth: rial: n UOM: eter UOM:	1006113721 1 10 6.1 7.62 5 m cm 5.88			
Water Details	<u>i</u>				
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	1006113719 1 8 Untested 4.25 m			
Hole Diamete	er				
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete		1006113718 20.3 0 7.62 m cm			

Мар Кеу	Number Record		Elev/Diff (m)	Site		DE
<u>49</u>	1 of 1	WSW/249.5	64.9 / 1.00	R.M. OF OTTAWA-CA ELTERWATER AVE./ NEPEAN CITY ON	-	CA
Certificate # Application Issue Date: Approval Ty Status: Application Client Name Client Name Client Addre Client City: Client Posta Project Dest Contaminan Emission Co	Year: ype: Type: : : : : : : : : : : : : :	7-1249-90- 90 8/15/1990 Municipal water Approved				
<u>50</u>	1 of 1	E/249.6	63.6 / -0.31	UNKNOWN CARLING AVE. & CR NEPEAN CITY ON	YSTAL BEACH DR.	SPL
Ref No: Site No: Incident Dt:		79856 12/13/1992		Discharger Report: Material Group: Health/Env Conseq:		
Year: Incident Cal Incident Eve Contaminan Contaminan Contaminan Contam Lim Contaminan	ent: of Code: of Name: of Limit 1: of Freq 1:	UNKNOWN		Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region:		
Environmen Nature of Im Receiving M Receiving E	nt Impact: npact: ledium: 'nv:	POSSIBLE Water course or lake WATER		Site Municipality: Site Lot: Site Conc: Northing:	20104	
MOE Respoi Dt MOE Arvi MOE Report Dt Documen	l on Scn: ted Dt: nt Closed:	12/13/1992		Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class:	ROADS, SEWERS, WORKS DEPT.	
Incident Rea Site Name: Site County/ Site Geo Rei Incident Sun Contaminan	/District: f Meth: mmary:	UNKNOWN DIESEL FUEL IN S	TORM SEWER -	Source Type:	ED.	

Unplottable Summary

Total: 29 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
СА	City of Ottawa	Carling Ave	Ottawa ON	
СА	Minto Developments Inc.	Part of Lots 12, 13 and 14 Concession 1, Rideau Front	Ottawa ON	
CA	Taggart Construction Limited	Mobile Facility	Ottawa ON	
СА	City of Ottawa	Lot 13	Ottawa ON	
CA	NORTHERN TELECOM LTD., CARLING CAMPUS	CARLING AVENUE (SWM)	NEPEAN ON	
CA	Loch Isle Road	Concession 1, Ottawa Front, Lots 12 & 13	Nepean ON	
CA	Chapman Mills, Stage 3 & 4	Part Lots 12, 13 & 14, Conc. 1, Rideau Front	Nepean ON	
СА	Chapman Mills	Part Lots 12, 13 & 14, Conc. 1, Rideau Front	Nepean ON	
СА	Chapman Mills, Stage 3 & 4	Part Lots 12, 13 & 14, Conc. 1, Rideau Front	Nepean ON	
СА	Chapman Mills	Part Lots 12, 13 & 14, Conc. 1, Rideau Front	Nepean ON	
СА	City of Ottawa	Carling Avenue (Road allownce)	Ottawa ON	
СА	Chapman Mills	Part Lots 12, 13 & 14, Conc. 1, Rideau Front	Ottawa ON	
СА	City of Ottawa	Between Carling Avenue and Clare St	Ottawa ON	
СА	L.SIPOLINS	SOUTH OF CARLING AVE.	OTTAWA CITY ON	
СА	WESMAR HOMES LTD.	CARLING AVE.	NEPEAN CITY ON	
CONV	Taggart Construction Limited		Ottawa ON	
EBR	Taggart Construction Limited	Mobile Facility Ottawa Ontario Ottawa	ON	
ECA	City of Ottawa	Carling Ave	Ottawa ON	K2G 6J8

ECA	City of Ottawa	Carling Ave	Ottawa ON	K2G 6J8
ECA	Taggart Construction Limited	Mobile Facility	Ottawa ON	K1V 8Y3
GEN	MINTO APARTMENTS LTD.	CRYSTAL BEACH DR.	OTTAWA ON	K2H 5H8
GEN	MINTO APARTMENTS LTD.	CRYSTAL BEACH DR.	OTTAWA ON	
SPL	HOTEL/MOTEL	CARLING AVENUE (N.O.S.)	OTTAWA CITY ON	
SPL		Graham Creek outfall near Carling Av. <unofficial></unofficial>	Ottawa ON	
SPL	MacEwen Petroleum Inc.		Ottawa ON	
SPL	NATIONAL DEFENCE	SHERLY'S BAY (PROPERTY) OFF CARLING AVE. FUEL STORAGE TANK	OTTAWA CITY ON	
SPL		Minto (2 Crystal Beach Drive)	Ottawa ON	
SPL	Taggart Construction Limited		Ottawa ON	
SPL	OTTAWA TRANSIT	CARLING AVENUE BUS	OTTAWA ON	

Unplottable Report

Site: City of Ottawa Carling Ave Ottawa 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:**

2472-8GRQTN 2011 5/20/2011 Municipal and Private Sewage Works Approved

Minto Developments Inc. Site: Part of Lots 12, 13 and 14 Concession 1, Rideau Front Ottawa 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: **Taggart Construction Limited** Mobile Facility Ottawa 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:**

0636-7KEL2F 2008 11/19/2008 Air Approved

2230-76ALR6 2007 8/22/2007 Municipal and Private Sewage Works Approved

Site: City of Ottawa Lot 13 Ottawa ON Certificate #: 3399-6BVHAA Application Year: 2005 erisinfo.com | Environmental Risk Information Services Order No: 21012100004 148

Database:

CA

Database: CA

Database: CA



Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 6/10/2005 Air Approved

<u>Site:</u> NORTHERN TELECOM LTD., CARLING CAMPUS CARLING AVENUE (SWM) NEPEAN 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: 3-1624-98-98 11/17/1998 Municipal sewage Approved

<u>Site:</u> Loch Isle Road Concession 1, Ottawa Front, Lots 12 & 13 Nepean ON

Certificate #:	4461-4MNL27
Application Year:	00
Issue Date:	8/1/00
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Corporation of the City of Nepean
Client Address:	Ben Franklin Place, 101 Centrepoint Drive
Client City:	Nepean
Client Postal Code:	K2G 5K7
Project Description:	Construction of Sanitary Sewers on Loch Isle Road
Contaminants:	
Emission Control:	

<u>Site:</u> Chapman Mills, Stage 3 & 4 Part Lots 12, 13 & 14, Conc. 1, Rideau Front Nepean ON

3451-4PZLBD Certificate #: Application Year: 00 10/12/00 Issue Date: Approval Type: Municipal & Private water Status: Approved Application Type: New Certificate of Approval Client Name: South Nepean Development Corporation 427 Laurier Ave. W., Unit 300 **Client Address:** Client City: Ottawa **Client Postal Code:** K1R 7Y2 **Project Description:** This application is for the installation of watermains to serve the Chapman Mills, Stages 3 & 4, in the City of Nepean.

Contaminants: Emission Control: Database: CA

Database: CA

Database: CA

Site: Chapman Mills Part Lots 12, 13 & 14, Conc. 1, Rideau Front Nepean ON

Database: CA

Database:

Database: CA

Database:

СА

СА

Certificate #:	6048-4WJJ2R
Application Year:	01
Issue Date:	5/14/01
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Minto Developments Inc.
Client Address:	427 Laurier Avenue West, Suite 300
Client City:	Ottawa
Client Postal Code:	K1R 7Y2
Project Description:	Watermains to be constructed on Cresthaven, Street No. 1, Street No. 4, and Street No. 5.
Contaminants:	
Emission Control:	

Site: Chapman Mills, Stage 3 & 4 Part Lots 12, 13 & 14, Conc. 1, Rideau Front Nepean ON

Certificate #:	6444-4PZKP4
Application Year:	00
Issue Date:	10/12/00
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	South Nepean Development Corporation
Client Address:	427 Laurier Ave. W., Unit 300
Client City:	Ottawa
Client Postal Code:	K1R 7Y2
Project Description:	This application is for the installation of storm and sanitary sewers to serve the Chapman Mills, Stages 3 & 4
	Subdivision in the City of Nepean.
Contaminants:	

Contaminants: **Emission Control:**

Chapman Mills

Site: Part Lots 12, 13 & 14, Conc. 1, Rideau Front Nepean ON

Certificate #:	4804-4WJHQU
Application Year:	01
Issue Date:	5/14/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Minto Developments Inc.
Client Address:	427 Laurier Avenue West, Suite 300
Client City:	Ottawa
Client Postal Code:	K1R 7Y2
Project Description:	Storm and sanitary sewers to be constructed on Cresthaven, Street No. 4 and Street No. 5, and sanitary sewers to be constructed on Street No. 1.
Contominantes	

Contaminants: **Emission Control:**

Site: City of Ottawa Carling Avenue (Road allownce) Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address:**

3615-6QHRAR 2006 6/13/2006 Municipal and Private Sewage Works Approved

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

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

1990-52VP6V 01 9/27/01 Municipal & Private water Approved New Certificate of Approval Minto Developments Inc. 427 Laurier Avenue West, Suite 300 Ottawa K1R 7Y2 This application is for construction of watermains in the City of Ottawa on Branchwood Street, Wells Street, Fairpark Drive, Villandry Street, Cresthaven Drive, Sunvale Street, Len Lunney Crescent, Marcay Street, Grandleaa way, Cherry Hill Street, Drumlins Way and Barnstone Drive.

Contaminants: Emission Control:

<u>Site:</u> City of Ottawa Between Carling Avenue and Clare St Ottawa 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:

Site:

Certificate #:

L.SIPOLINS

SOUTH OF CARLING AVE. OTTAWA 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:

WESMAR HOMES LTD.

CARLING AVE. NEPEAN CITY ON

7-1008-85-006 85 11/15/85 Municipal water Approved

9651-82XSP2 2010 2/25/2010 Municipal and Private Sewage Works Approved

Database:

Application Year:		88		
151	erisinfo.com	Environmental	Risk Information Servi	ces

3-1205-88-



Database:

CA

Database: CA

Order No: 21012100004

Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7/18/1988 Municipal sewage Approved

<u>Site:</u> Taggart Constr Ottawa ON	uction Limited		Database: CONV
File No: Crown Brief No: Court Location: Publication City: Publication Title: Act: Act(s): First Matter: Second Matter: Investigation 1:	012802	Location: Region: Ministry District:	
nvestigation 2:			
Penalty Imposed: Description: Background: URL:	\$15,000 plus a victir Water Resources A with a Provincial Off of giving false or mis Court heard that Ta subdivision in Ottaw water taking activitie Group Inc. to submi information provided when a permit had y verbal approval to p	n Limited, Paterson Group Inc. and Robert Passmore have been in fine surcharge, after pleading guilty on January 15, 2009 to vio ct. Taggart Construction Limited and Paterson Group Inc. were c icer Order by taking more than 50,000 litres of water per day, an sleading information to the ministry. The parties were given six ggart Construction Limited was contracted by a developer to inst a which required dewatering activities. After being issued a Prov is to below 50,000 litres per day until a permit had been obtained an application for the permit. Taggart then pumped over 50,000 by Paterson Group employee, Mr. Passmore, that the go ahead ret to be issued. In an interview with ministry investigators, Mr. Pa ump in excess of 50,000 litres per day. Taggart Construction Lim charged following an investigation by the Ministry of the Environ h.	blations under the Ontario convicted of failing to comply d Mr. Passmore was convicte nonths to pay the fine. The all municipal services at a inicial Officer Order to restrict d, Taggart hired Paterson l tires of water based on d to pump had been given assmore denied giving Tagga nited, Paterson Group Inc. an
Additional Details			
Publication Date:			
Count:	1		
Act: Regulation: Section:	OWRA		
Act/Regulation/Section: Date of Offence: Date of Conviction:	OWRA		
Date Charged: Charge Disposition: Fine: Synopsis:	January 15, 2009 fine, victim fine surc \$5,000	harge	

<u>Site:</u> Taggart Construction Limited Mobile Facility Ottawa Ontario Ottawa ON

EBR Registry No:	IA07E0165	Decision Posted:
Ministry Ref No:	8556-6XWUA3	Exception Posted:
Notice Type:	Instrument Decision	Section:
Notice Stage:	803008003	Act 1:
Notice Date:	December 09, 2008	Act 2:

CHOIN

152

erisinfo.com | Environmental Risk Information Services

Order No: 21012100004

Database: EBR

Site Location Map:

Proposal Date: Ja 2007 Year: Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) Off Instrument Name: Posted By: Company Name: **Taggart Construction Limited** Site Address: Location Other: Proponent Name: 3187 Albion Rd S, Ottawa Ontario, K1V 8Y3 Proponent Address: **Comment Period:** URL: Site Location Details:

Mobile Facility Ottawa Ontario Ottawa

<u>Site:</u> City of Otta Carling Ave	va Ottawa ON K2G 6J8		Database ECA
Approval No:	3723-9ATJC6	MOE District:	
Approval Date:	2013-08-30	City:	
Status:	Approved	Longitude:	
Record Type:	ECA	Latitude:	
ink Source:	IDS	Geometry X:	
WP Area Name:		Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND	PRIVATE SEWAGE WORKS	
Project Type:	MUNICIPAL AND PRI	VATE SEWAGE WORKS	
ddress:	Carling Ave		
Full Address:	Ũ		
Full PDF Link:	https://www.accessenv	vironment.ene.gov.on.ca/instruments/9325-9AMR2C-14	.pdf
<u>Site:</u> City of Ottag Carling Ave	va Ottawa ON K2G 6J8		Database ECA
Approval No:	2472-8GRQTN	MOE District:	
Approval No: Approval Date:	2011-05-20	City:	
Status:	Approved		
	ECA	Longitude: Latitude:	
Record Type: .ink Source:	IDS		
SWP Area Name:	105	Geometry X:	
		<i>Geometry Y:</i> PRIVATE SEWAGE WORKS	
Approval Type: Project Type:		VATE SEWAGE WORKS	
		VATE SEWAGE WORKS	
Address: Full Address:	Carling Ave		
-ull Address: -ull PDF Link:	https://www.coccocc	vironment.ene.gov.on.ca/instruments/5823-8GCKK6-14	n df
un FDF Link.	https://www.accessenv		.pu
	nstruction Limited ity Ottawa ON K1V 8Y3		Database ECA
Approval No:	0636-7KEL2F	MOE District:	
pproval Date:	2008-11-19	City:	
Status:	Approved	Longitude:	
Record Type:	ECA	Latitude:	
ink Source:	IDS	Geometry X:	
SWP Area Name:		Geometry Y:	
	ECA-AIR		
Approval Ivpe:	AIR		
Approval Type: Project Type:	Mahila Essility		
Project Type:	IVIODILE FACILITY		
Approval Type: Project Type: Address: Full Address:	Mobile Facility		

<u>Site:</u> MINTO APARTMENTS LTD. CRYSTAL BEACH DR. OTTAWA ON K2H 5H8

CRYSTAL B	EACH DR. OTTAWA ON K2H 5H8		GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON9382860 2014 No 831990 831990	PO Box No:Country:CanadaChoice of Contact:CO_ADMINCo Admin:DIANNE RIVETPhone No Admin:613.822.0624 Ext	
<u>Detail(s)</u>			
Waste Class: Waste Class Desc:	221 LIGHT FUELS		
	RTMENTS LTD. EACH DR. OTTAWA ON		Database: GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON9382860 2013 831990	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>			
Waste Class: Waste Class Desc:	221 LIGHT FUELS		
<u>Site:</u> HOTEL/MOT CARLING A	TEL VENUE (N.O.S.) OTTAWA CITY ON		Database: SPL
Ref No: Site No: Incident Dt: Year:	84065 4/14/1993	Discharger Report: Material Group: Health/Env Conseq: Client Type:	
In allow to Carras		0	

incluent DL.	4/14/1995	nealui/Env Conseq.	
Year:		Client Type:	
Incident Cause:	UNDERGROUND TANK 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:	CONFIRMED	Site Municipality:	20101
Nature of Impact:	Soil contamination	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	MCCR
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	4/14/1993	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	CORROSION	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	EMBASSY WEST HOTEL: FUEL-CC	NTAMINATED SOIL FOUN	D BY UNDERGROUND TANK
Contaminant Qty:			

<u>Site:</u> Gr	ite: Graham Creek outfall near Carling Av. <unofficial> Ottawa ON</unofficial>			Database: SPL
Ref No: Site No:	7230-6EESVB	Discharger Report: Material Group:	0 Oil	
154	erisinfo.com Environmental Risk Infor	mation Services		Order No: 21012100004

Incident Dt: 7/18/2005 Health/Env Conseq: Year: Client Type: Incident Cause: Discharge Or Bypass To A Watercourse Sector Type: Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED) Site Address: Contaminant Limit 1: Site District Office: Ottawa Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region: Environment Impact: Possible Site Municipality: Ottawa Nature of Impact: Surface Water Pollution Site Lot: **Receiving Medium:** Water Site Conc: Receiving Env: Northing: Easting: MOE Response: Dt MOE Arvl on Scn: Site Geo Ref Accu: 7/18/2005 MOE Reported Dt: Site Map Datum: SAC Action Class: Spills to Watercourses **Dt Document Closed:** Incident Reason: Unknown - Reason not determined Source Type: Site Name: Graham Creek outfall near Carling Av.<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Ukn srce,film on Graham Ck,Works & ERP Incident Summary: Contaminant Qty:

<u>Site:</u> MacEwen Petroleum Inc. Ottawa ON

8700-8QT5DV Discharger Report: Ref No: Site No: Material Group: Incident Dt: 23-JAN-12 Health/Env Conseq: Client Type: Year: Incident Cause: Overturn - Truck Or Trailer Sector Type: Tank Truck Incident Event: Agency Involved: Contaminant Code: 13 Nearest Watercourse: FUEL (N.O.S.) 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: Confirmed Site Municipality: Ottawa Nature of Impact: Soil Contamination Site Lot: Sewage - Municipal/Private and Commercial Site Conc: Receiving Medium: Receiving Env: Northing: Priority Field Response (ERP Callout) MOE Response: Easting: Dt MOE Arvl on Scn: 23-JAN-12 Site Geo Ref Accu: MOE Reported Dt: 23-JAN-12 Site Map Datum: **Dt Document Closed:** Primary Assessment of Incident SAC Action Class: Unknown - Reason not determined Incident Reason: Source Type: Leitram and Hawthorne <UNOFFICIAL> Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: MacEwen Fuels <54000L on board tanker in ditch, spill cont. Contaminant Qty:

Site:NATIONAL DEFENCEDatabase:SHERLY'S BAY (PROPERTY) OFF CARLING AVE. FUEL STORAGE TANK OTTAWA CITY ONSPL

Ref No:	223921	Discharger Report:
Site No:		Material Group:
Incident Dt:	4/11/2002	Health/Env Conseq:
Year:		Client Type:
Incident Cause:	UNDERGROUND TANK 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:

155

Database:

SPL

Environment Impact: Nature of Impact: Receiving Medium: Receiving 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:

POSSIBLE Soil contamination LAND

4/11/2002

UNKNOWN

Minto (2 Crystal Beach Drive) Ottawa ON

Site Municipality: 20107 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:

NATIONAL DEFENCE, LEAKING UST, INSTALLED PRE 1980 UNKNOW VOLUME TO GRND

Site:

	,		
Ref No:	2886-93YH6T	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	15-JAN-13	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Leak/Break	Sector Type:	Tank - Underground
Incident Event:		Agency Involved:	
Contaminant Code:	13	Nearest Watercourse:	
Contaminant Name:	HYDROCARBON LIGHT	Site Address:	Minto (2 Crystal Beach Drive)
Contaminant Limit 1:		Site District Office:	
Contam Limit Freg 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
• • • • • • • • • • • • • • • • • • • •	Confirmed	Site Municipality:	Ottawa
Environment Impact:	Groundwater Pollution; Soil Contamination	Site Lot:	Ollawa
Nature of Impact:	Groundwater Politition, Son Contamination		
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:	15-JAN-13	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure	Source Type:	
Site Name:	Ralph and Sons gas station (3420 Car	ling Ave) <unofficial></unofficial>	
Site County/District:		0,	
Site Geo Ref Meth:			
Incident Summary:	Ottawa: historical contamination from	a gas station	
		Jul Lianon	

Site: **Taggart Construction Limited** Ottawa ON

Contaminant Qty:

••••••••••			
Ref No:	7584-BB3KRQ	Discharger Report:	
Site No:	NA	Material Group:	
Incident Dt:	4/4/2019	Health/Env Conseq:	
Year:		Client Type:	Corporation
Incident Cause:		Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	Eastern
Environment Impact:		Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	4/9/2019	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:		Source Type:	

0 other - see incident description

Database: SPL

Database: SPL

Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:

Ref No:

Site No: Incident Dt:

Incident Cause:

Incident Event:

Nature of Impact:

Receiving Env:

MOE Response:

MOE Reported Dt:

Incident Reason:

Site Geo Ref Meth:

Incident Summary: Contaminant Qty:

Site Name:

Year:

1896 John Quinn rd, Metcalfe<UNOFFICIAL>

Mobile Crusher Relocation - 2019

OTTAWA TRANSIT Site: CARLING AVENUE BUS OTTAWA ON

187680 Discharger Report: Material Group: 9/29/2000 Health/Env Conseq: Client Type: **PIPE/HOSE LEAK** Sector Type: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Contaminant Limit 1: Site District Office: Contam Limit Freq 1: Site Postal Code: Site Region: Contaminant UN No 1: Site Municipality: Environment Impact: POSSIBLE 20107 Water course or lake Site Lot: Receiving Medium: WATER Site Conc: Northing: Easting: PUBLIC WORKS, FIRE DEPARTMENT Dt MOE Arvl on Scn: Site Geo Ref Accu: 9/29/2000 Site Map Datum: SAC Action Class: Dt Document Closed: UNKNOWN Source Type: Site County/District:

OC TRANSPO:DIESEL FUEL LEAK FROM FUEL PUMP/LINE INTO SEWER-WORKS NOTIFIED

Database:

SPL

Order No: 21012100004

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:

Government Publication Date: 1999-Jun 30, 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

ANDR

AST

AUWR

Private

Provincial

Private

Provincial

158

Certificates of Approval:

Dry Cleaning Facilities: List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's

Commercial Fuel Oil Tanks:

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

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

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

Chemical Manufacturers and Distributors:

Compressed Natural Gas Stations:

Compliance and Convictions:

Certificates of Property Use:

159

Inventory of Coal Gasification Plants and Coal Tar Sites:

Government Publication Date: 1985-Oct 30, 2011*

Government Publication Date: Jan 2004-Dec 2018

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

tetrachloroethylene to the environment from dry cleaning facilities.

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.

Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of

Chemical Register:

Government Publication Date: 1999-Jun 30, 2020

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance. Government Publication Date: Dec 2012 -Dec 2020

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

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law. Government Publication Date: 1989-Nov 2020

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

Government Publication Date: 1994-Dec 31, 2020

Provincial

Federal

Private

Private

CA

CDRY

Provincial CFOT

CHEM

CHM

CNG

COAL

CONV

Private

Provincial

Provincial

Provincial CPU

erisinfo.com | Environmental Risk Information Services

Drill Hole Database:

files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work". Government Publication Date: 1886 - Sep 2020

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment

Environmental Activity and Sector Registry:

Delisted Fuel Tanks:

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information. Government Publication Date: Jul 31, 2020

EASR On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database. Government Publication Date: Oct 2011-Dec 31, 2020

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

Government Publication Date: 1994-Dec 31, 2020

Environmental Compliance Approval:

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- Dec 31, 2020

Environmental Effects Monitoring:

ERIS Historical Searches:

160

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-Oct 31, 2020

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*

DTNK

DRI

Provincial

Provincial

Federal The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of

Private

Federal

Provincial

Provincial

FCA

EEM

EHS

FIIS

Emergency Management Historical Event:

of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017. Government Publication Date: Dec 31, 2016

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

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

Environmental Penalty Annual Report:

These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations. Government Publication Date: Jan 1, 2011 - Dec 31, 2019

List of Expired Fuels Safety Facilities:

outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground. Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Contaminated Sites on Federal Land:

Federal Convictions: FCON Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty. Government Publication Date: 1988-Jun 2007*

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-Sep 2020

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

Federal Identification Registry for Storage Tank Systems (FIRSTS):

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

161

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

EPAR

EXP

FCS

FOFT

FRST

Provincial

Provincial

Federal

Federal

Federal

Federal

Provincial

FST



List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many

Provincial

Order No: 21012100004

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 transferred.

Government Publication Date: 1986-Jul 31, 2020

Greenhouse Gas Emissions from Large Facilities:

dioxide equivalents (kt CO2 eq). Government Publication Date: 2013-Dec 2018

Provincial **TSSA Historic Incidents:** 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*

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

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*

Fuel Oil Spills and Leaks:

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

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario:

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:

162

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

Provincial

GEN

FSTH

Federal

HINC

IAFT

INC

LIMO

GHG

Federal

Provincial

Provincial

Private

MINE

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-Jan 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.

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

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, 2018

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*

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

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-Sep 30, 2020

National Defence & Canadian Forces Waste Disposal Sites:

National Energy Board Wells:

163

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

MNR

NATE

NDFT

NDSP

NDWD

NFBI

NEBP

Federal

Provincial

Federal

Federal

Federal

Federal

Federal

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.

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

Government Publication Date: 1988-Aug 31, 2020

Ontario Oil and Gas Wells:

Oil and Gas Wells:

Orders:

164

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-Dec 31, 2020

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

erisinfo.com | Environmental Risk Information Services

Federal

Federal

Private

Provincial

OGWF

OOGW

ORD

PCFT

Provincial

Provincial

Private

Federal



NFFS

NPCB

NPRI

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-Dec 31, 2020

Pipeline Incidents:

Permit to Take Water:

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-Dec 31, 2020

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: 1986-2016

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2020

Retail Fuel Storage Tanks: This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and /

Scott's Manufacturing Directory:

Record of Site Condition:

or propane storage tanks. Government Publication Date: 1999-Jun 30, 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.

Government Publication Date: 1992-Mar 2011*

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

Government Publication Date: 1988-Mar 2020; Jul 2020 - Aug 2020

PES

PINC

PRT

PTTW

RSC

RST

SCT

Provincial

Provincial

Provincial

Private

Private

Provincial

Provincial

Provincial

Provincial

Order No: 21012100004

166

erisinfo.com | Environmental Risk Information Services

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

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

Government Publication Date: Up to Oct 1990* Provincial Water Well Information System: **WWIS**

Government Publication Date: Apr 30, 2020

Government Publication Date: Oct 2011-Dec 31, 2020 Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory:

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

underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement. Records are not verified for accuracy or completeness.

Government Publication Date: 1970-Aug 2019 Provincial Variances for Abandonment of Underground Storage Tanks: VAR Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered

operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained for research purposes only. Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands,

which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties

within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected

Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All

on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1990-Dec 31, 2017 Anderson's Storage Tanks: 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

sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Wastewater Discharger Registration Database: Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the

Private

Provincial



SRDS

TANK

Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power

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.

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

Mandy Witteman, B.Eng., M.A.Sc.

patersongroup

POSITION

Intermediate Environmental Engineer

EDUCATION

Carleton University M.A.Sc., Environmental Engineering, 2013 B.Eng., Environmental Engineering, 2008

MEMBERSHIPS & AWARDS

Ontario Professional Engineers Association (EIT) NSERC Industry R&D Scholarship

EXPERIENCE

2018 – Present **Paterson Group Inc.** Consulting Engineers Geotechnical and Environmental Division Environmental Engineer

2014 – 2015 **Thurber Engineering Limited** Oil Sand Tailings Group Tailings Engineer

2009 – 2014 **Carleton University** Department of Civil & Environmental Engineering Research Engineer, Research Assistant & Teaching Assistant

2008 – 2009 SLR Consulting Limited Contaminated Sites Junior Environmental Engineer

SELECTED LIST OF PROJECTS

Phase I & II Environmental Site Assessments – NRC, Kingston Remediation – National Capital Region, Saskatchewan Multi-lift and dry-stacking pilot programs – Northern Alberta Polymer amended oil sand tailings – Northern Alberta Hydraulic cut-off wall – Allen, Saskatchewan Cemented paste backfill systems – Northern Ontario

Karyn Munch, P.ENG.

patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Services

POSITION

Intermediate Environmental Engineer

EDUCATION

Carleton University, B.Eng. 2002 Environmental Engineering

MEMBERSHIPS AND AWARDS

Professional Engineers of Ontario Ottawa Geotechnical Society

EXPERIENCE

2011-present Paterson Group Inc. Consulting Engineers Geotechnical and Environmental Division Intermediate Engineer

2009-2010 Department of Indian and Northern Affairs Contaminated Sites Division Environment Officer (PC-02)

2003 to 2009 **Paterson Group Inc.** Consulting Engineers Geotechnical and Environmental Division Intermediate Engineer

2002 to 2003 Dessau Soprin Inc. Consulting Engineers Environmental Division Junior Engineer

SELECT LIST OF PROJECTS

Billings-Hurdman Interconnect Watermain - Ottawa Telus Building Remediation - Ottawa Block D Lands Remediation and Redevelopment - Kingston Gladstone Avenue Reconstruction - Ottawa Lees Avenue Coal Tar Site - City of Ottawa Nortel Networks Environmental Monitoring Program 3W Zone Feedermain - Ottawa Bank Street Reconstruction - Ottawa Lees Avenue Remediation Program - Ottawa Colonnade Road North Development - Ottawa Montreal Road Reconstruction - Ottawa Designated Substance Surveys - Residential and Commercial Sites - Ottawa Phase I & II Environmental Site Assessments - Residential, Commercial and Industrial Sites -Ottawa (CSA Z768-01 and O.Reg 269/11) Brownfields Applications and Records of Site Condition - Residential and Commercial Redevelopment