

Phase I Environmental Site Assessment

Rosseau Springs Limited

Type of Document: Report

Project Name: Proposed Rosseau Springs Residential Development Rosseau, Ontario

Project Number: SUD-22025423-A0_rev.1

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1. Executive Summary

EXP Services Inc. (EXP) was retained by Rosseau Springs Limited to complete a Phase I Environmental Site Assessment (ESA) for the properties located immediately south of Hwy. 632 and adjacent to Maplehurst Road, in Rosseau, Ontario; hereinafter referred to as the 'Site'. The purpose of this Phase I ESA was to determine if past or present Site activities have resulted in potential contamination at the Site.

The work was completed in accordance with the general requirements of CSA Standard Z768-01, November 2001, which outlines the protocol for Phase I Environmental Site Assessments. As per Z768-01, the scope of work included a review of historical land-use and occupancy records, a visual inspection of the Site and surrounding properties, and interviews with person(s) having knowledge of past and present Site activities.

Please note that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the property; however, a detailed review of regulatory compliance issues was beyond the scope of our investigation.

This Phase I ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions, or identify geologic hazards.

A written response from some of the regulatory agencies typically requires several months to receive. If upon receipt of the response from the regulatory agencies significant environmental issues are identified, EXP will forward their response to Rosseau Springs Limited as an addendum to this report.

Based on the results of this Phase I Environmental Site Assessment, a Phase II Environmental Site Assessment is not recommended to assess groundwater and soil quality at the Site. As such, no further work is recommended at the Site.

It is possible unexpected environmental conditions may be encountered on the Site, which have not been explored within the scope of this Phase I ESA summary. Should such an event or land-use change occur, EXP should be notified so we may determine if modifications to our conclusions and recommendations are necessary.

This executive summary is a brief synopsis of the report and should not be read in lieu of reading the report in its entirety.



2. Introduction

EXP Services Inc. (EXP) was retained by Rosseau Springs Limited to complete a Phase I Environmental Site Assessment (ESA) for the property located immediately south of Highway 632 and adjacent to Maplehurst Road in Rosseau, Ontario; hereinafter referred to as the 'Site'. Drawing 1 contained in Appendix A shows the Site plan and its relative location to surroundings.

EXP conducted this Phase I ESA in accordance with the general requirements of CSA Standard Z768-01 (R2016) for Phase I ESAs.

We understand that this Phase I ESA will be used for a due diligence investigation in support of a development.

2.1 Objective

The objective of the Phase I ESA was to identify potential Site contamination or potential contaminating activities.

2.2 Scope of Work

The work was carried out in general accordance with the Canadian Standards Association (CSA) Standard Z768-01 (R2016), 'Phase I Environmental Site Assessment'.

The scope of work included a review of historical land-use and occupancy records, a visual inspection of the Site and surrounding properties, interviews with person(s) having knowledge of past Site activities, and compilation of this information into a Phase I ESA report. Intrusive sampling and analysis were not part of this investigation.

2.3 Deviations

This Phase I ESA does not contain any deviations from the principal components of the CSA Standard Z768-01 (R2016) for Phase I ESAs.

3. Site Description

The Site located immediately south of Highway 632 and adjacent to Maplehurst Drive is a generally forested, vacant lot with no noted developments. Surrounding properties consisted of undeveloped, forested areas to the north and sparse residential developments to the west, south and east along Lake Rosseau. The Site is within an area with moderate-high local relief, ranging from approximately 281 masl in north areas, to 246 masl in south areas. Topography in areas adjacent to the Site show similar topographic variations, with a topographic high of 274 masl to the southwest of the Site (beyond Sucker Bay) and a topographic high of 264 masl to the east. Topographic lows were noted in all shoreline areas around the Site, which showed elevations of approximately 230 masl. The Site showed no apparent structural developments and no evidence of fill materials; however, clearings from old roadways were apparent in northeast areas of the Site. Rock outcrops were noted in multiple areas throughout the Site, with steep gradients in the north and east areas of the Site. The Site is bounded by municipal roadways to the north and south, and bisected by a roadway (Maplehurst Drive) spanning approximately northwest to southeast. During the Site visit, ponding was noted in central areas of the Site, while a single approximately west to east flowing waterbody was noted in the north areas of the Site. Based on local area topography and surrounding waterbodies, the Site appears to act as a drainage divide, with groundwater in west areas of the Site flowing west to Sucker Bay, while groundwater in east areas of the Site would flow east to Cameron Bay. Groundwater in north areas of the Site is suspected to flow towards the aforementioned waterbody, whereby surface water is then carried east to Cameron Bay. Overall, groundwater is suspected to follow Site topography and flow towards Lake Rosseau; however, the actual groundwater flow direction can only be determined by a long-term groundwater elevation investigation in the area.



4. Records Review/Land-use History

Available public records, as noted below, were reviewed to obtain information and to establish the land-use history of the Site and the adjacent properties.

4.1 Aerial Photographs

Aerials were used from 1985, 2009, 2014 and 2022 (Appendix C). Observations were as follows:

Aerial Photograph	Details
1985	The Site appears largely forested with no developments on the Site. A major
	roadway (Hwy. 632) can be seen running north of the Site, while a municipal road
	(Maplehurst Road) can be noted through the center of the Site.
2009	No significant changes can be noted to the Site or adjacent areas when compared
	to the 1985 aerial photograph; however, minor residential developments along
	Lake Rosseau can now be seen.
2014	No significant changes can be noted to the Site or adjacent areas when compared
	to the 2009 aerial photograph; however, minor residential developments along
	Lake Rosseau can be noted.
2022	No significant changes can be noted to the Site or adjacent areas when compared
	to the 2014 aerial photograph; however, minor residential developments along
	Lake Rosseau can be noted.

4.2 Fire Insurance Plans and Inspection Records

Fire insurance plans and inspection records were not available for the Site at the time of this Phase I ESA.

4.3 **Property Use Directories**

A Vernon's search was not ordered for the Site property and surrounding properties. Due to the location of the Sites, a Vernon's search was deemed unnecessary.

4.4 Land Title Search

Land title search was not completed on the site as the site remains undeveloped.

4.5 Regulatory Information

Regulatory agencies at the federal, provincial, and municipal levels were searched as part of the EcoLog Environmental Risk Information Services search to obtain information regarding environmental permits, past or pending environmental control orders or complaints, outstanding environmental regulatory non-compliance issues and Sewer Use By-Law infractions.



4.6 Ecolog Environmental Risk Information Limited (ERIS) Report

A search of provincial and federal databases for records pertaining to the Site and adjacent properties was conducted by EcoLog Environmental Risk Information Services (or EcoLog ERIS). EcoLog ERIS is an environmental database and information service provider. EXP has confirmed neither the completeness nor the accuracy of the records that were provided. A copy of the EcoLog ERIS report is provided in Appendix D.

The EcoLog ERIS report identified no items for the Site and ten (10) records for areas within 0.25 km of the Site. Of the ten (10) records, all were Water Well Information System (WWIS) records and, as such, were not considered potentially contaminating activities (PCAs). Therefore, no PCAs were noted on or within 250 m of the Site boundary.

Based on the review of ERIS reports, maps and imagery, and considering the assumed direction of groundwater flow, the duration and nature of each PCA (if any), the length of time that has passed for each PCA (if any), the relative elevation differences between the Site and each PCA (if any), the infrastructure located between the Site and PCAs (if any), and observations during the Site Visit, the Site is considered to have a low potential for soil and/or groundwater contamination.

4.7 Prior Environmental or Geotechnical Reports

No prior Environmental or Geotechnical Reports were available for this PIESA.

4.8 Topography

Topographic maps were reviewed from the Ministry of Natural Resources and Forestry and Google Earth. Upon review of the topographic map, the topography of the Site is generally highest in north areas, reaching approximately 281 masl. Areas in the south, west and east parts of the Site were generally lowest, ranging from approximately 240 to 250 masl. Adjacent properties to the south, east and west of the Site showed relatively steep gradients down to Lake Rosseau, while forested areas north of the Site reached elevations exceeding 280 masl. In general, Site topography was highest in the north central areas of the Site and lowest in areas closest to Lake Rosseau. Groundwater is expected to follow topography and flow away from the topographic high in the north-central area of the Site; as such, it is assumed groundwater in east areas will flow east, groundwater in west areas will flow west and groundwater in south areas will flow south towards Lake Rosseau.

No environmental concerns were noted upon review of the topographic map.

4.9 Geological and Soil Maps

The following geological maps were reviewed:

Ontario Geological Survey OGS Earth https://www.geologyontario.mndm.gov.on.ca/ogsearth.html#quaternary-geology and Ontario Geological Survey OGS Earth https://www.geologyontario.mndm.gov.on.ca/ogsearth.html#bedrock-geology.

Bedrock geology maps suggest the Site is underlain by magmatic rocks and gneisses, including layered biotite and migmatites, quartzofeldspathic gneisses, orthogneisses and paragneisses. Quaternary geology maps suggest the Site is underlain by undifferentiated igneous and metamorphic bedrock, exposed at the surface or covered by a thin, discontinuous layer of drift. During test-pitting, the depth to bedrock beneath the Site varied from surface outcrops to greater than 10 feet below grade.

4.10 Company Records

No company records were available.



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4.11 Land-use Documents

A review of the following publications was carried out as part of this Phase I ESA:

- Inventory of Coal Gasification Plant Waste Sites in Ontario (June 1991); and
- Waste Disposal Site Inventory (June 1991).

The review of the above publications did not indicate the presence of any nearby waste disposal Sites or Coal Gasification Plant Sites within one (1) km of the subject property.

4.12 Utility Company Records

No utility records were available at the time of this investigation.

4.13 Public Health Concerns

No public health concerns were observed during EXP's Phase I ESA Site visit.

5. Visual Site Assessment

On October 26, 2022, Jamie Batten of EXP conducted the Site visit in accordance with EXP's internal health and safety protocols and the Ministry of Labour's Health and Safety Regulations. The Site visit was conducted to assess current Site conditions.

Please note that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the property, however, a detailed review of regulatory compliance issues was beyond the scope of our investigation.

Photographs of the Site are included in Appendix B.

5.1 Subject Site

Property Use

The subject Site is located immediately south of Hwy. 632 and is bisected by Maplehurst Road in Rosseau, Ontario (as shown in Drawing 1). At the time of the investigation, the subject Site was forested and vacant, with no noted developments. One flowing waterbody was noted in the north area of the Site; however, significant ponding was noted and additional flowing waterbodies may be present.

Buildings and Structures

No buildings or engineered structures were noted on the Site during the Site visit.

Limitations at the Site

No limitations were encountered during the time of investigation.

Chemical Inventory, Storage and Handling

No significant amounts of chemicals were observed to be stored at the Site.



Storage Tanks and Containers

No aboveground or underground storage tanks were reported at/near the Site.

Special Attention Substances

Polychlorinated Biphenyls (PCBs)

The manufacture of PCBs in North America was prohibited under the Toxic Substances Control Act (1977). Their use as a constituent of new products manufactured in or imported into Canada was prohibited by regulations in 1977 and 1980. As such, Sites developed or significantly renovated after 1980 are unlikely to have PCB containing equipment on the Site. Potential equipment, which could contain PCBs, includes fluorescent mercury and sodium vapor light ballasts, oil filled capacitors and transformers. A review of the Site was conducted to evaluate the potential presence of PCB containing equipment in use or stored at the Site.

Any electrical equipment containing PCBs must be disposed in accordance with Ontario Regulation 362 when it is removed from service for disposal (While in operation, any PCB containing devices are not considered PCB until out of service).

No electrical equipment suspected of containing PCBs, such as fluorescent light fixtures, was observed on Site.

Asbestos-Containing Materials (ACMs)

Asbestos-containing materials (ACM's) are fibrous hydrated silicates, and can be found in building materials as either "unbound" or "bound" asbestos. Friable asbestos refers to materials where the asbestos fibres can be separated from the material with which it is associated.

Non-Friable asbestos refers to asbestos that is associated with a binding agent (such as tar or cement).

No ACMs were observed on Site.

Ozone Depleting Substances (ODSs)

Freons and halons consist of chlorofluorocarbons (CFCs), which were banned from production in Canada in 1996, with the ban on their use slated for 2010. The use of these materials is still permitted but a licensed contractor must service equipment, such that CFCs are contained and not released to the environment during servicing or operation.

Under the management of a licensed contractor, CFC containing equipment does not represent a significant threat to human health or the environment. However, these materials, if present, will require replacement by 2010 and as such consideration should be given to future phase out programs.

Maintenance of refrigerant containing equipment, if any, should continue to be completed in compliance with Ontario Regulation 189/94 by a licensed refrigeration contractor. The equipment should only be repaired, removed, or serviced by an appropriately licensed contractor.

No ODSs were observed on Site.

Lead

Lead has frequently been used in oil-based paints, roofing materials, cornices, tank linings, electrical conduits and soft solders for tinplate and plumbing. The use of lead-based paints (LBPs) was phased out circa 1976. Paint that was produced or used between 1976 and 1980 may contain small amounts of lead. Paint that was produced or used prior to 1950 may contain high levels of lead.



The main concern regarding lead paint is its potential to become lead dust or chips either through deterioration and/or mechanical means (i.e., sanding, abrasion, etc.). Exposure to lead dust or chips occurs by ingestion or inhalation.

Because no buildings are located on the Site, no LBPs are suspected on the Site.

Urea Formaldehyde Foam Insulation (UFFI)

UFFI was formerly sprayed into cavities of walls and above ceilings as an insulating material and has been discontinued from use since the early 1980's.

Because no buildings are located on the Site, no UFFI is suspected on the Site.

Mercury

Mercury may be found in some batteries, light bulbs, old paints, thermostats and old mirrors.

Based on an investigation by Consumer and Corporate Affairs Canada, and an assessment of potential health risks by Health and Welfare Canada, in 1991 the decision was made to eliminate the use of mercury compounds in indoor latex paints.

The Canadian Paint and Coatings Association (CPCA) supported the withdrawal and all Canadian manufacturers and formulators of the preservative voluntarily agreed to remove "interior uses" from their product labels.

Because no buildings are located on the Site, no mercury containing devices or products are suspected on the Site.

Mould

No visible microbial growth or water damage was noted during the Site visit.

Radon

Based on the overburden and bedrock materials underlying the Site, it is unlikely that radon gas emissions would be a concern.

Other Substances

No other special attention substances were observed to be present at the Site at the time of this Phase I ESA.

Unidentified Substances

No unidentified substances were observed to be present at the Site at the time of this Phase I ESA.

Drains and Sumps

No drains or sumps were present on Site.

Building Heating and Cooling Systems

No heating or cooling systems were observed at the Site.

Mechanical Equipment

No mechanical equipment was noted during the Site inspection.



Air Emissions

Regulatory control of air emissions in Ontario is the responsibility of the MOE. According to the Environmental Protection Act (EPA), a Certificate of Approval (C of A (Air)) is required for any equipment that may discharge a contaminant into the natural environment if the equipment was installed, modified or altered after June 29, 1988. According to the MOE, permitting of any equipment installed prior to this date, which has not been modified or altered, is not required. The EPA also provides a list of specific equipment and conditions, which are exempt from requiring a C of A (Air) (i.e. fuel burning equipment for comfort heating in a building using natural gas or number 2 fuel oil at a rate of less than 1.5 million British Thermal Units per hour [BTU/hour]).

During the Site visit, no active or passive air emissions from heating appliances, incinerators, boilers, central heating plants etc. were observed at the Site.

Odour

No odours were noted at the Site during the Site visit.

Noise

No excessive noise was detected at the Site during the Site investigation.

Sewage and Wastewater Disposal

No sewage or wastewater disposal structures currently exist at the Site.

Liquid Chemical Waste Generation, Storage & Disposal

No concerns regarding liquid waste generation, storage, and disposal were noted during the Site inspection.

Solid Waste Generation, Storage & Disposal

No special or hazardous solid industrial wastes are generated at the Site.

Water Courses, Ditches and Site Drainage

Multiple waterbodies were noted on the Site, with a significant west-east flowing waterbody in the north area of the Site. Stagnant, ponded water was also noted in central areas of the Site.

Abandoned and Existing Well

No abandoned or existing wells were noted on the Site during the Site visit.

Potable Water Sources

The Site will be supplied by private, residential wells.

Fill Materials

No fill materials were noted on Site, nor were fill materials ever on Site to the best of the current owner's knowledge.

Stained Materials

No staining noted during the Site visit.



Stressed Vegetation

No stressed vegetation was noted at the time of this Phase I ESA.

Roads, Parking Facilities and Right of Ways

The Site may be accessed from Hwy. 632 to the north, or by adjacent roadways to the south and east areas of the Site.

Pits and Lagoons

No pits or lagoons were noted on the property at the time of the Site visit.

Other Issues

Some debris was noted throughout the Site (old vehicle, other metal debris) in northeast areas of the Site, but are not suspected of being an environmental concern.

5.2 Adjacent Properties

Adjacent properties were observed at the time of EXP's Site visit. The findings of the visual reconnaissance of the adjacent properties are as follows:

North – forested, undeveloped lands beyond Hwy 632.

South - lightly developed residential areas, beyond which is a major waterbody (Lake Rosseau).

East – lightly developed residential areas, beyond which is a major waterbody (Lake Rosseau).

West - lightly developed residential areas, beyond which is a major waterbody (Lake Rosseau).

Based on the visual inspection, no PCAs or Areas of Potential Environmental Concern (APECs) were identified.

6. Interviews

6.1 Methodology

EXP's standard questionnaire was used to conduct an interview with the Site representative. Jamie Batten interviewed Mr. Rem Steele (Site Representative) in-person (October 26, 2022) and via email (October 28, 2022).

6.2 Limitations

No limitations were encountered during the interview process.

6.3 Interview Participants

Site Personnel

During our evaluation, an interview was held with the following Site personnel:

• Mr. Rem Steele (Site representative)



Based on the interview, the following information and issues were identified.

- The property was acquired in July 2021.
- The Sites have never been structurally developed.
- There have been no environmental spills (> 25 L) on the Site, to the best of the representative's knowledge.
- There have been no environmental/geotechnical reports conducted on the property in the past.
- There have been no orders or fines charged to the current or past property owners.
- There are no certificates of approval for the Site.
- The Site is currently zoned as Rural and Environmentally Protected.
- No storage tanks (above or underground) have ever been on the Site.
- No historical wells have ever been on the Site, but adjacent properties are serviced by wells.
- No fill materials are present on the Site (to the best of owner's knowledge).
- The Site will be serviced by hydroOne, but wells and septic will be constructed by new property owners.

Based on the interview, no APECs were identified on the Site.

Occupants of Site

There are no current residential occupants of the Site during this Phase I ESA.

Third Parties

Third parties were not interviewed during this Phase I ESA.

Government Officials

No government officials were interviewed during this Phase I ESA.

7. Conclusions

The results of this Phase I ESA identified no PCAs on or near the Site and no APECs on the Site. As such, no additional work is required and a PIIESA is not required to assess groundwater and soil quality.

8. Recommendations

Based on the results of this Phase I Environmental Site Assessment, a Phase II Environmental Site Assessment is not recommended to assess groundwater and soil quality at the Site.

It is possible that unexpected environmental conditions may be encountered on the Site, which has not been explored within the scope of this Phase I ESA summary. Should such an event or land-use change occur, EXP should be notified in order to determine if modifications to our conclusions and recommendations are necessary.



9. Qualifications of Assessor

EXP provides a full range of environmental services through a full-time Environmental Services Group.

EXP's Earth and Environment Group has developed a strong working relationship with clients in both the private and public sectors and has developed a positive relationship with Ontario Ministry of the Environment. Personnel in the numerous branch offices form part of a large network of full-time dedicated environmental professionals in the EXP organization.

The records review was completed by Yves Beauparlant, P.Eng., and the Site visit and data review/assessment was completed by Jamie Batten, GIT. All members of the team have been trained in conducting Phase I ESAs in accordance with the CSA Standard.

Jamie Batten, GIT is an Environmental Technologist and has conducted numerous Phase I ESAs for commercial/industrial/residential clients and government agencies, and is routinely engaged in this field.

Yves Beauparlant, P.Eng. is a Professional Engineer with EXP who has broad experience in a wide range of engineering projects including numerous Phase I and II ESA's, remediation and abatement projects and is currently the Manager of Earth and Environmental Services for Northeastern Ontario.

10. Limitations

The information presented in this report is based on information provided by others and visual observations as identified herein. This type of limited investigation is designed to provide information to support an overall Phase I Environmental Site Assessment (ESA) of the current environmental conditions of the Site. Sampling and analysis of soils, groundwater, and other material was not carried out as part of this investigation. The findings cannot be extended to portions of the Site, which were unavailable for direct observation at the time of EXP's observations.

The role of the Site assessor is to document evidence of contamination and not to judge the acceptability of risks associated with contamination (Clause 0.2.7 of CSA Z768-01). To further reduce or eliminate uncertainty would require a Phase II investigation.

It should be noted that some of the information and resultant conclusions of a Phase I are time sensitive.

Achieving the objectives stated in this report has required us to arrive at conclusions based upon the best information presently known to us. No investigative method can completely eliminate the possibility of obtaining partially imprecise or incomplete information; it can only reduce the possibility to an acceptable level. Professional judgment was exercised in gathering and analyzing the information obtained and in the formulation of the conclusions. Like all professional persons rendering advice, we do not act as absolute insurers of the conclusions we reach, but we commit ourselves to care and competence in reaching those conclusions.

It should also be noted that current environmental guidelines and regulations are subject to change, and such changes, when put into effect, could alter the conclusions and recommendations noted throughout this report.

The conclusions and recommendations noted throughout this report reflect existing Site conditions with respect to the current environmental condition of the Site at the time of this assessment summary. Compliance of past owners with applicable environmental regulations was not within the scope of this Phase I ESA summary.



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It is possible that unexpected environmental conditions may be encountered on the Site, which has not been explored within the scope of this Phase I ESA summary. Should such an event occur, EXP should be notified in order for us to determine if modifications to our conclusions are necessary.

This summary report has been prepared in accordance with accepted environmental study and/or engineering practices for a Phase I ESA (CSA Standard Z768-01). No other warranties, either expressed or implied, are made as to the professional services provided under the terms of the Phase I ESA and included in this summary report.

This report was prepared by EXP for the exclusive use of Rosseau Springs Limited. and may not be reproduced in whole or in part, without the prior written consent of EXP, or used or relied upon in whole or in part by a party other than Rosseau Springs Limited.

Any use which a third party makes of this report, or any part thereof, or any reliance on or decisions to be made based on it, are the sole responsibility of such third parties. EXP Services Inc. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

11. Closure

We trust that these comments provide you with sufficient information to proceed with design. Should you have any questions, please do not hesitate to contact this office.

Yours truly,

EXP Services Inc.

Jamie Batten, GIT Environmental Technologist, Earth & Environmental Northeastern Ontario

Yves Beauparlaht, P.Eng Manager, Earth & Environmental Northeastern Ontario



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References

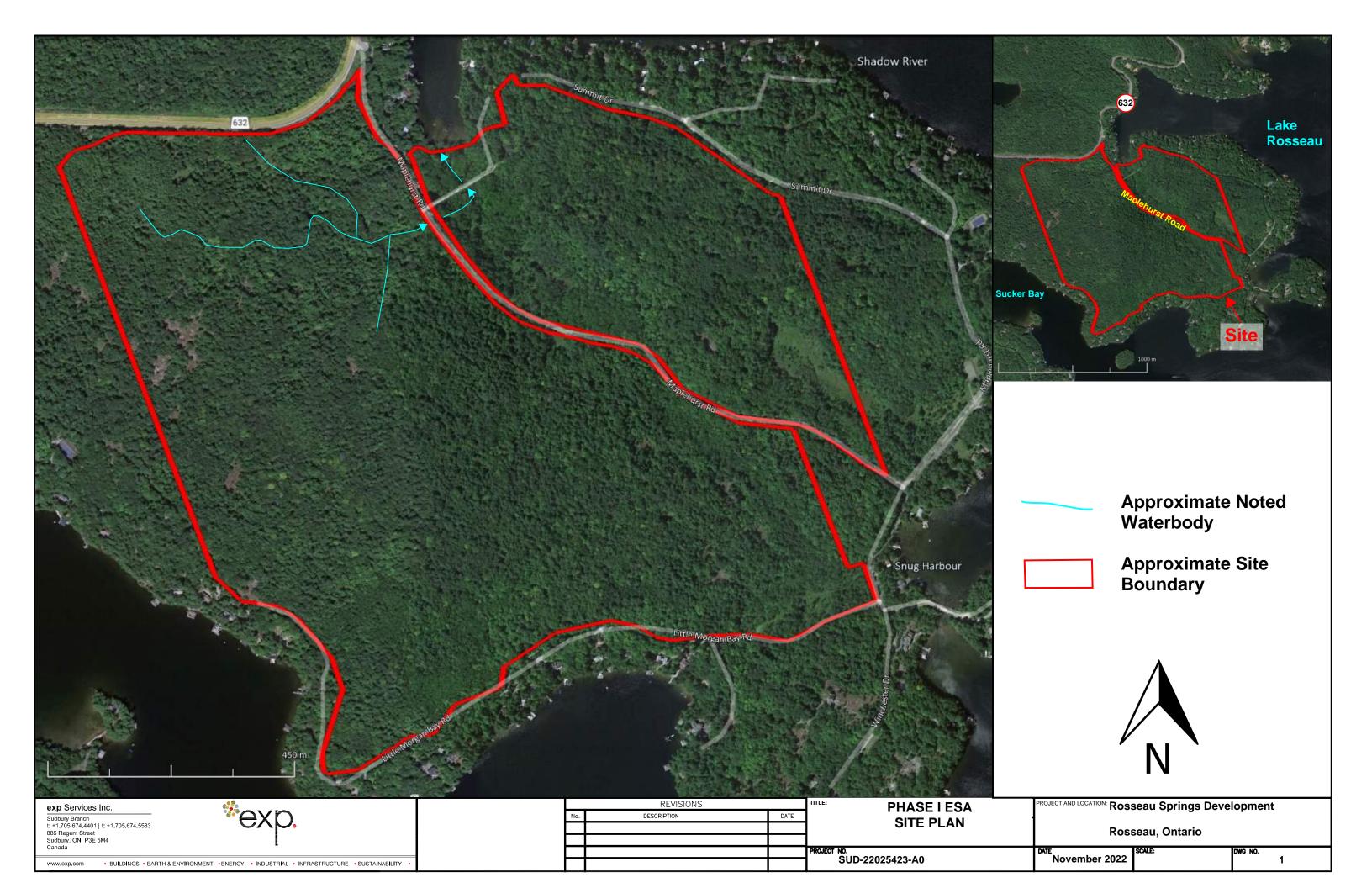
- 1. Canadian Standards Association. November 2001. Z768-0 Phase I Environmental Site Assessment.
- 2. Occupational Health and Safety Act Ministry of Labour (MOL).
- 3. https://www.geologyontario.mndm.gov.on.ca/ogsearth.html#quaternary-geology
- 4. https://www.geologyontario.mndm.gov.on.ca/ogsearth.html#bedrock-geology
- 5. Inventory of Coal Gasification Plant Waste Sites in Ontario. Ontario Ministry of the Environment, April 1987.
- 6. Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario. Ontario Ministry of the Environment, November 1988.
- 7. Waste Disposal Site Inventory. Waste Management Branch Ontario Ministry of the Environment, June 1991.
- 8. Ontario Inventory of PCB Storage Sites. Ontario Ministry of the Environment, 1993- 2003-2004.
- 9. Hazardous Waste Information Network (HWIN, 1986-2005).



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Appendix A - Drawings





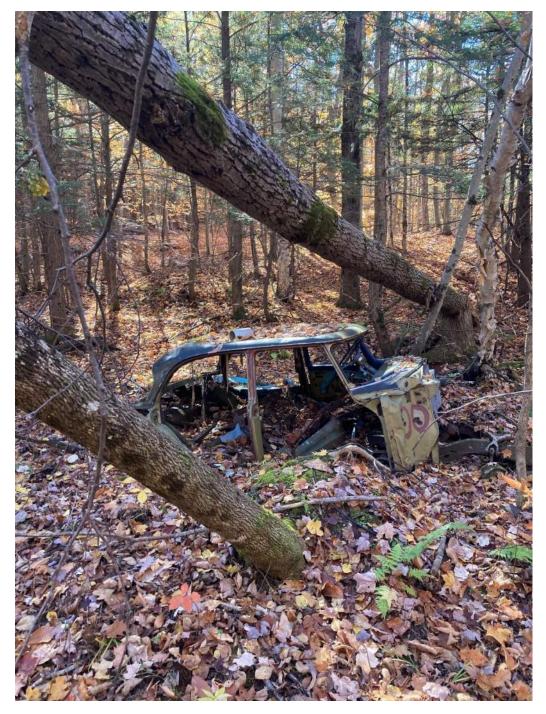
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Appendix B – Site Photographs





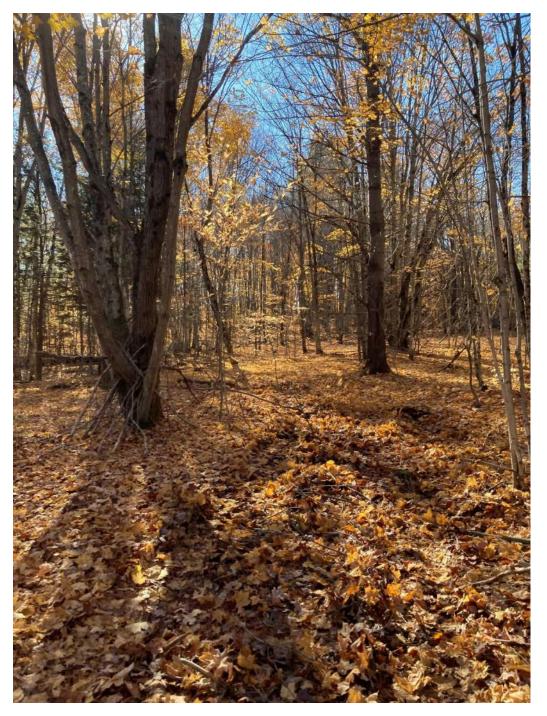
Photograph No. 1 Debris noted in northeast area of Site near proposed road D.



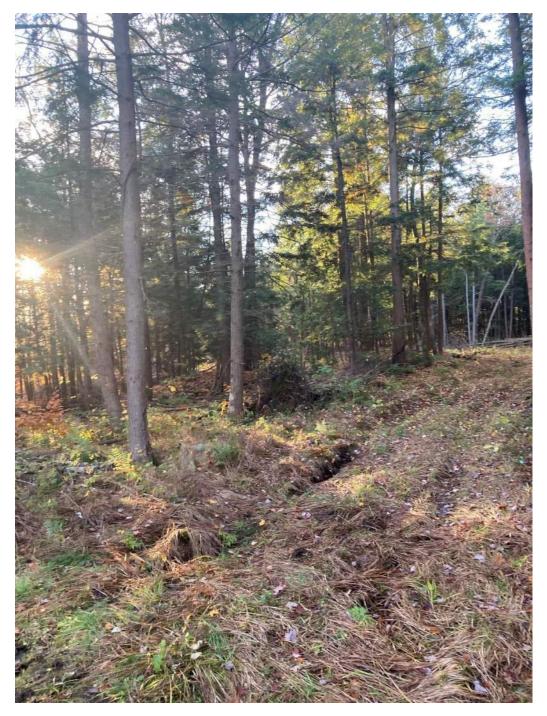
Photograph No. 2 Vehicle debris noted in northeast area of Site near proposed road D.



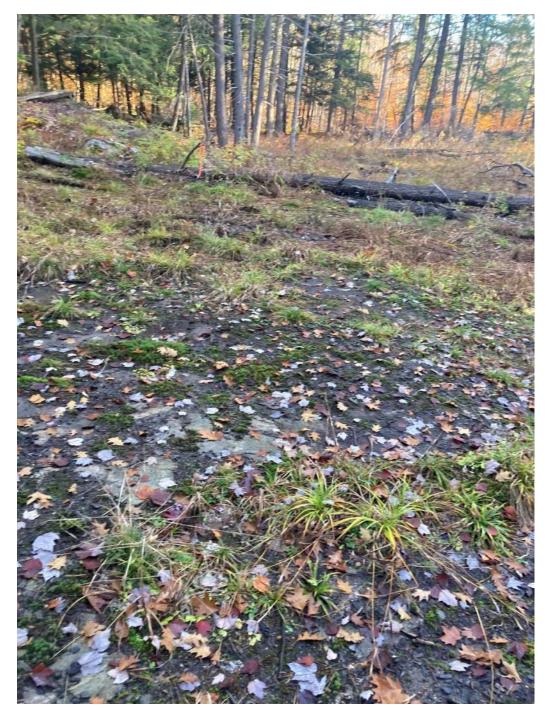
Photograph No. 3 Debris noted in northeast area of Site near proposed road D.



Photograph No. 4 Undeveloped areas in northeast area of Site near proposed road E.



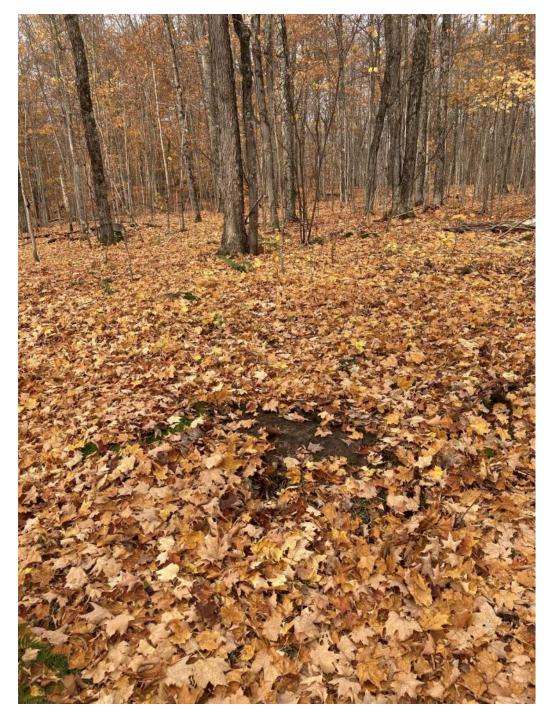
Photograph No. 5 North area of Site near proposed road A, adjacent to Hwy. 632.



Photograph No. 6 Bedrock at surface in north area of Site near proposed road A.



Photograph No. 7 Central area of Site near proposed road B.



Photograph No. 8 Central area of Site near proposed road C.



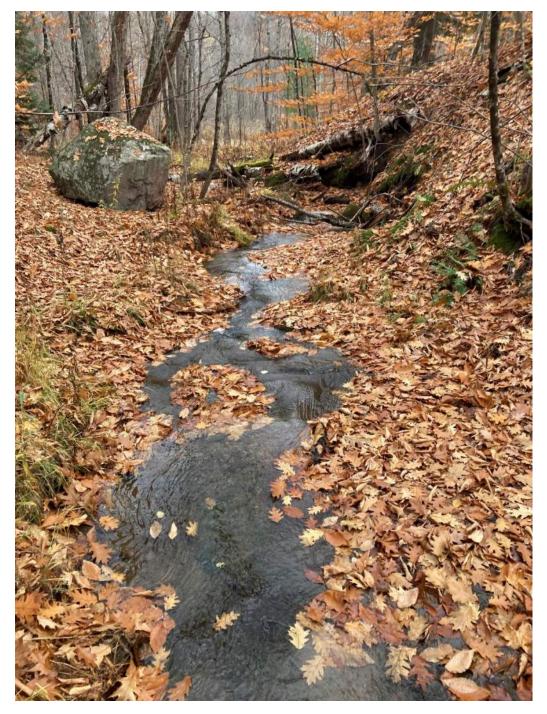
Photograph No. 9 South area of Site near south end of proposed road B.



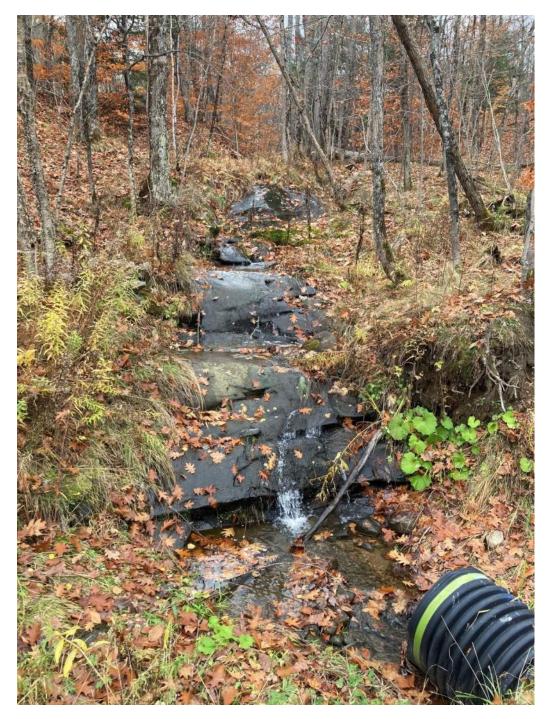
Photograph No. 10 Tarp in south area of Site near south end of proposed road B.



Photograph No. 11 Waterbody in north area of Site along proposed road A.



Photograph No. 12 Flowing waterbody near Maplehurst Road in north-central area of the Site.



Photograph No. 13 Waterbody and culvert running below Maplehurst Road.



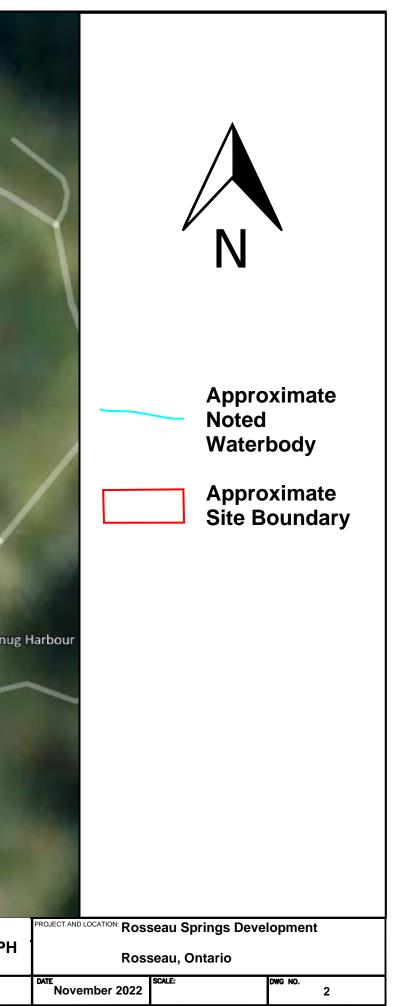
Photograph No. 14 Steep slope in north-central area of Site, near proposed road A and west adjacent to Maplehurst Road.

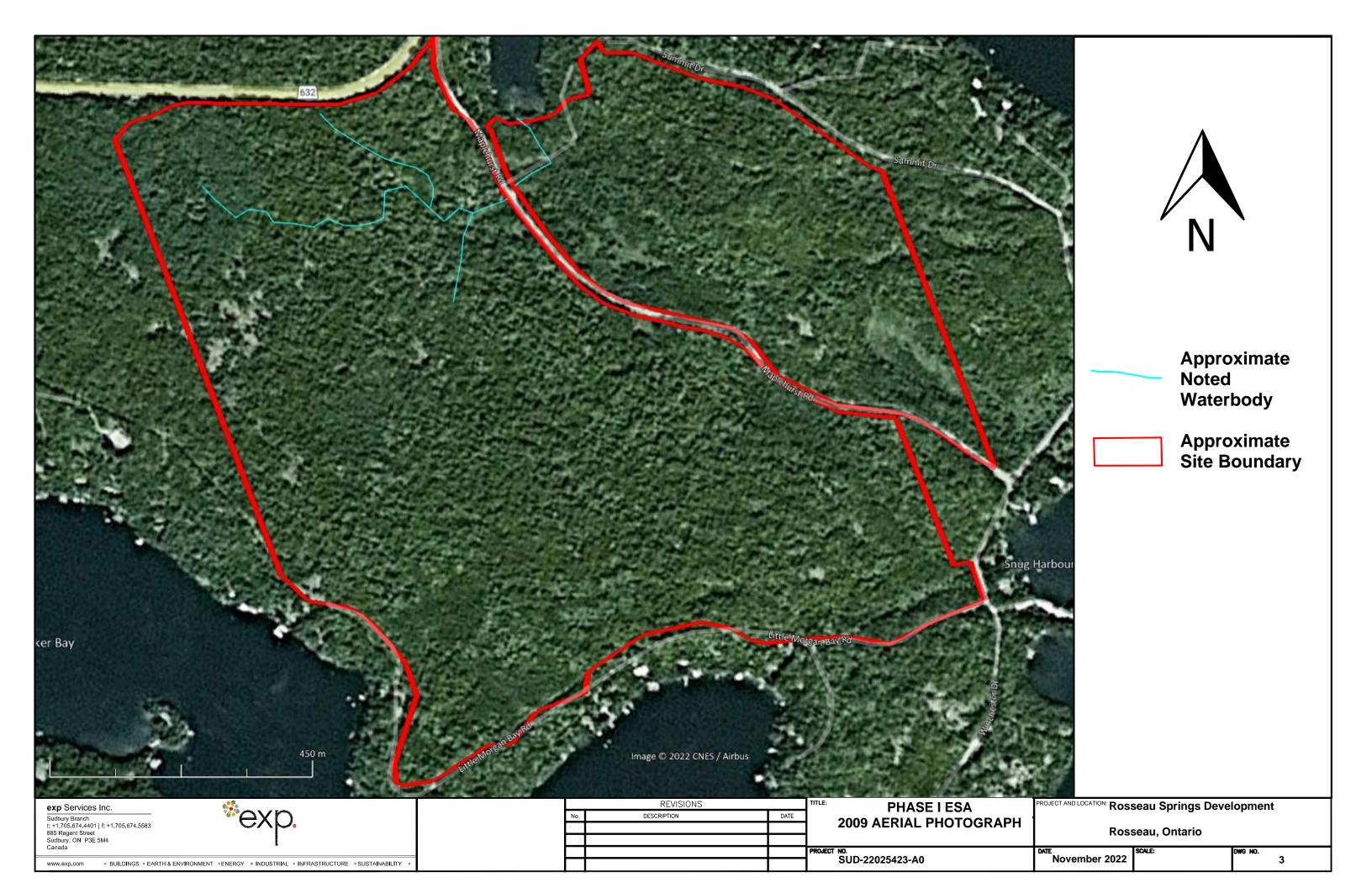
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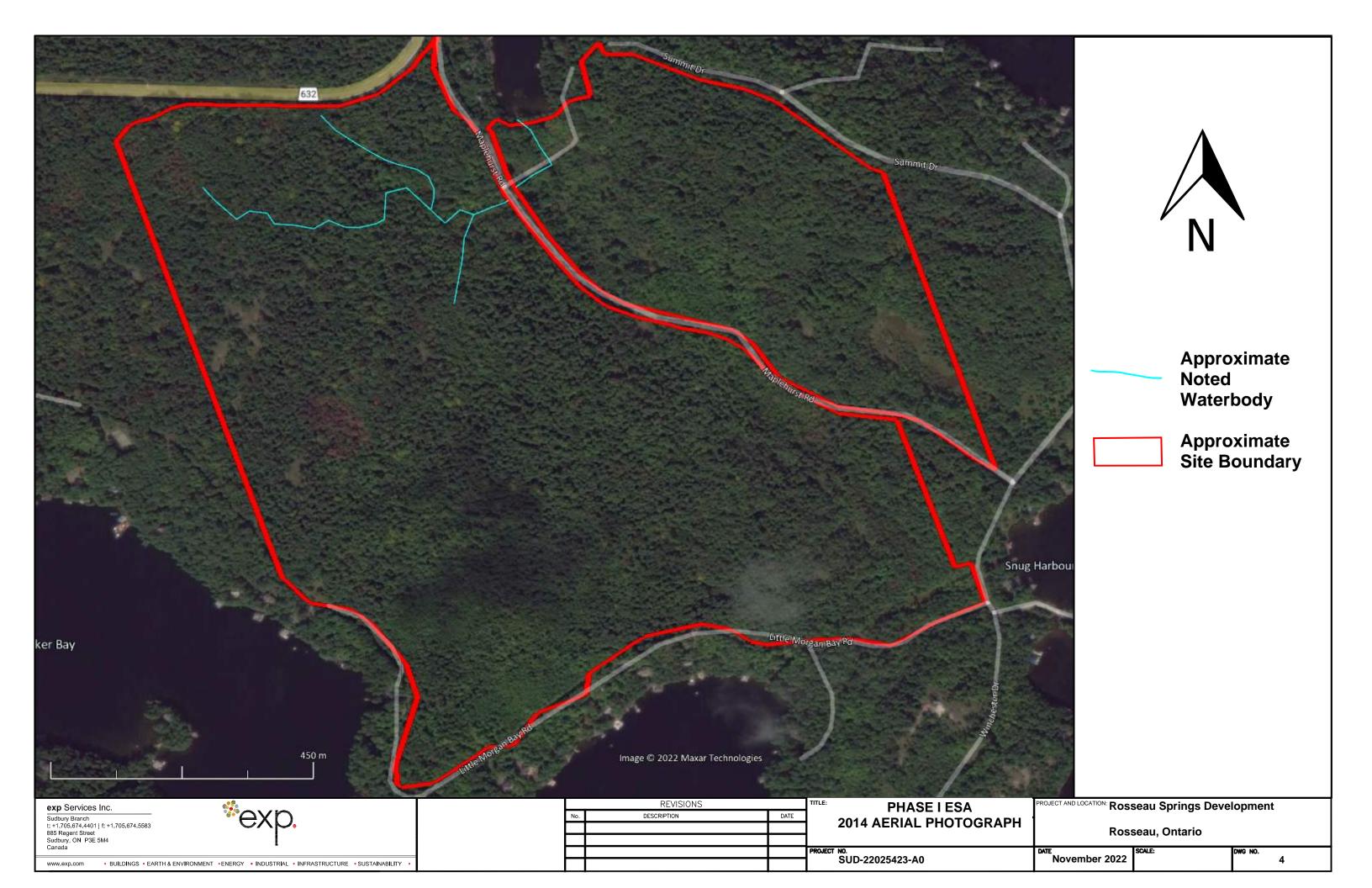
Appendix C – Aerial Photographs

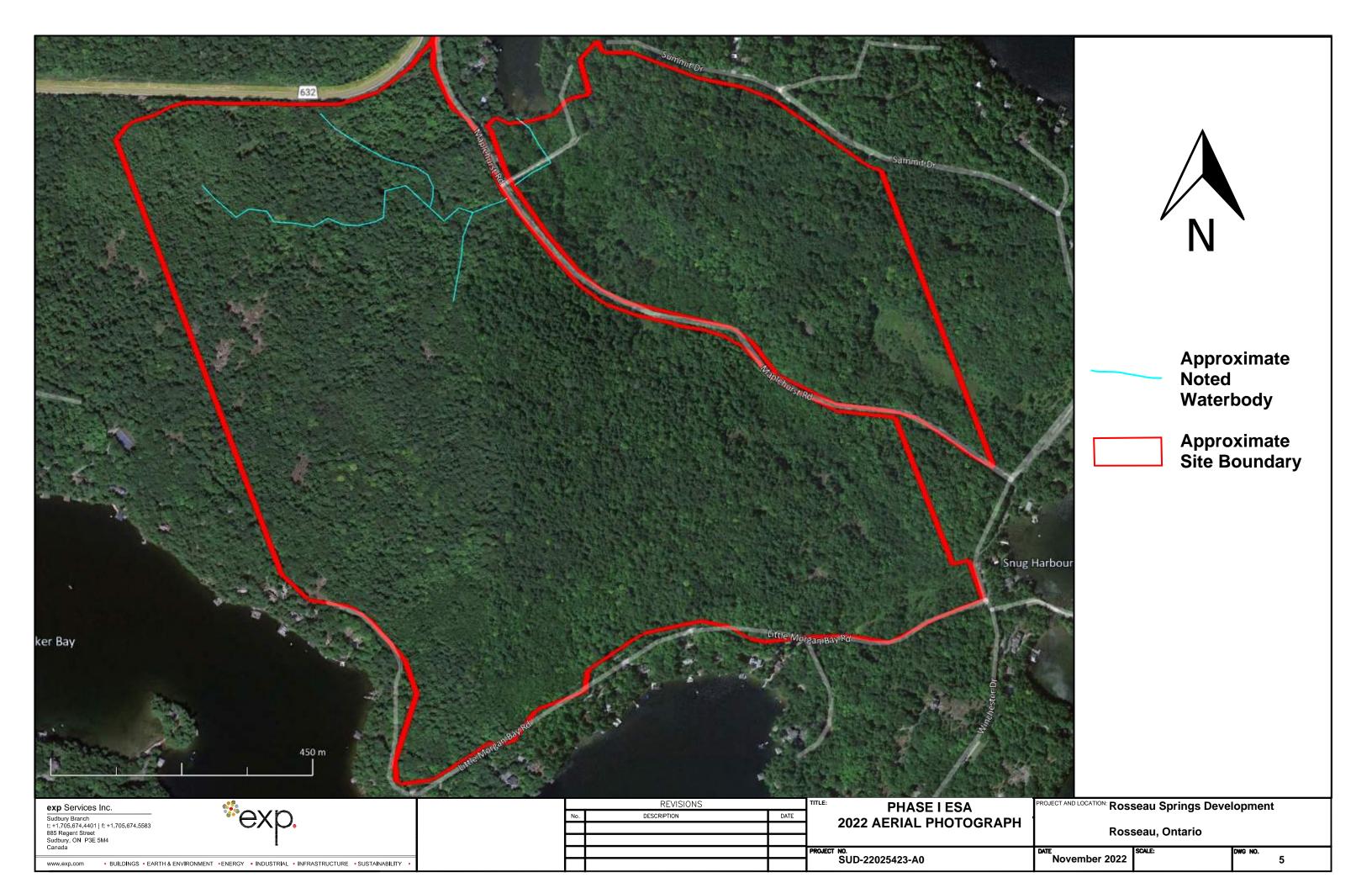


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Appendix D – Records Search





DATABASE REPORT

Project Property:

Project No: Report Type: Order No: Requested by: Date Completed: Rosseau Development Rosseau Development Rosseau ON SUD-22025423-A0 Quote - Custom-Build Your Own Report 22102100225 exp Services Inc. October 25, 2022

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Executive Summary

Property Information:

Project Property: Rosseau Development Rosseau Development Rosseau ON

Project No:

SUD-22025423-A0

Coordinates:

Latitude:	45.2428806
Longitude:	-79.6587835
UTM Northing:	5,010,806.86
UTM Easting:	605,260.75
UTM Zone:	17T
	869 FT

Elevation:

Order Information:

Order No:
Date Requested:
Requested by:
Report Type:

22102100225 October 21, 2022 exp Services Inc. Quote - Custom-Build Your Own Report

Historical/Products:

ERIS Xplorer

ERIS Xplorer

265.00 M

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 1.00 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
СНМ	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	0	0
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems	Y	0	0	0
FST	(FIRSTS) Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

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Database	Name	Searched	Project Property	Within 1.00 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	10	10
		Total:	0	10	10

Executive Summary: Site Report Summary - Project Property

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>1</u>	WWIS		lot 7 con 5 ON	NNW/212.4	-22.02	<u>13</u>
			Well ID: 4808809			
<u>2</u>	WWIS		59 LITTLE MORGAN BAY RD lot 7 con 4 ON	SSE/470.1	-17.48	<u>16</u>
			Well ID: 4809909			
<u>3</u>	WWIS		lot 8 con 4 ON	SSW/554.1	-17.33	<u>22</u>
			Well ID: 4806438			
<u>4</u>	WWIS		113 LITTLE MORGON BAY RD lot 8 con 5 ON	SW/566.3	-20.00	<u>26</u>
			Well ID: 7203207			
<u>5</u>	WWIS		lot 7 con 5 ON	NNW/580.0	-39.96	<u>32</u>
			Well ID: 4801421			
<u>6</u>	WWIS		lot 9 con 5 ON	WSW/687.1	-5.45	<u>35</u>
			Well ID: 4808740			
<u>7</u>	WWIS		11 MISTY MOREN DR lot 6 con 4 ON	E/807.0	-34.00	<u>39</u>
			Well ID: 7045116			
<u>8</u>	WWIS		3 WINCHESTER DRIVE ROSSEAU ON	ESE/869.8	-39.00	<u>41</u>
			Well ID: 7351755			
<u>9</u>	WWIS		181 HWY #632 ON	N/915.2	-37.93	<u>48</u>
			Well ID: 7362576			
<u>10</u>	WWIS		lot 9 con 4 ON	SW/989.9	-39.00	<u>54</u>
			Well ID: 4802987			

Executive Summary: Summary By Data Source

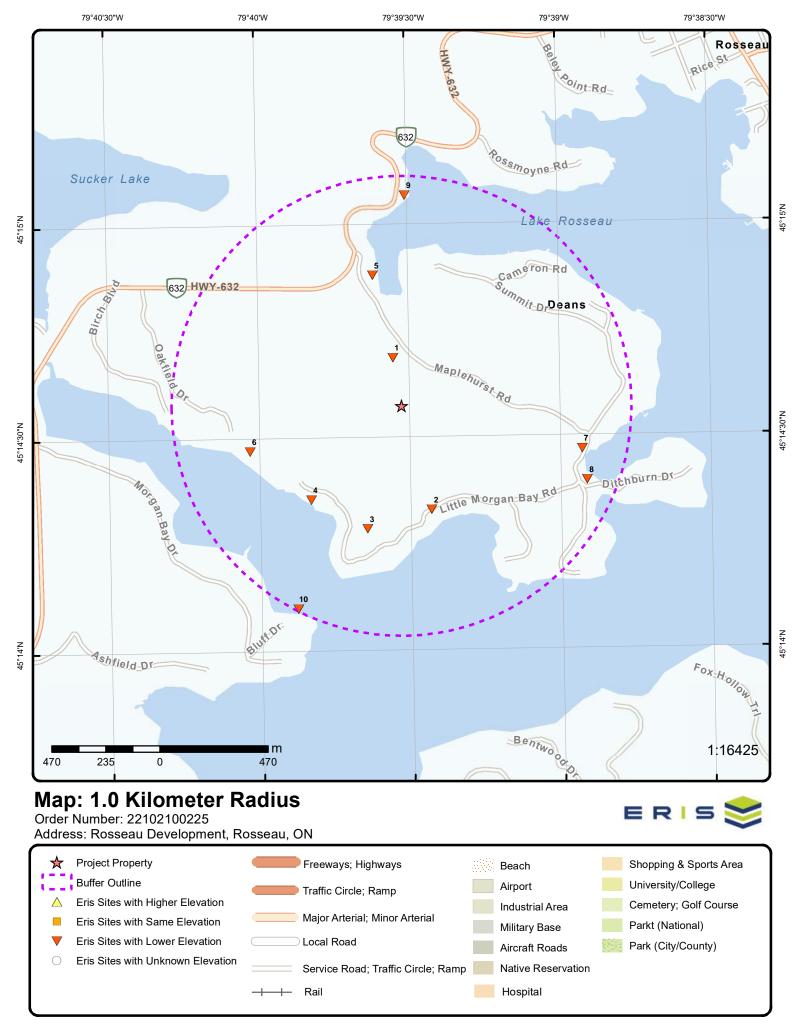
WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30 2022 has found that there are 10 WWIS site(s) within approximately 1.00 kilometers of the project property.

Lower Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	lot 7 con 5 ON	NNW	212.36	<u>1</u>
	Well ID: 4808809			
	59 LITTLE MORGAN BAY RD lot 7 con 4 ON <i>Well ID</i> : 4809909	SSE	470.13	2
	lot 8 con 4 ON	SSW	554.13	<u>3</u>
	Well ID: 4806438			
	113 LITTLE MORGON BAY RD lot 8 con 5 ON <i>Well ID:</i> 7203207	SW	566.28	<u>4</u>
	lot 7 con 5 ON	NNW	579.96	<u>5</u>
	Well ID: 4801421			
	lot 9 con 5 ON	WSW	687.08	<u>6</u>
	Well ID: 4808740			
	11 MISTY MOREN DR lot 6 con 4 ON	E	807.00	<u>7</u>
	Well ID: 7045116			
	3 WINCHESTER DRIVE ROSSEAU ON	ESE	869.80	<u>8</u>
	Well ID: 7351755			
	181 HWY #632 ON	Ν	915.23	<u>9</u>
	Well ID: 7362576			
	lot 9 con 4 ON	SW	989.94	<u>10</u>

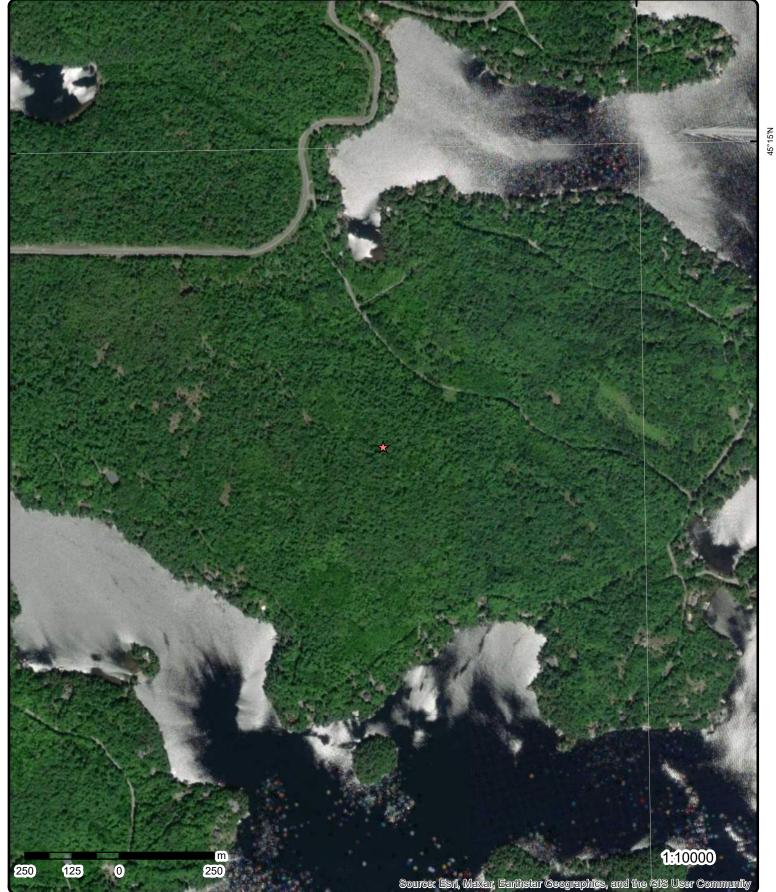
Well ID: 4802987

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Source: © 2021 ESRI StreetMap Premium.

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Aerial Year: 2020

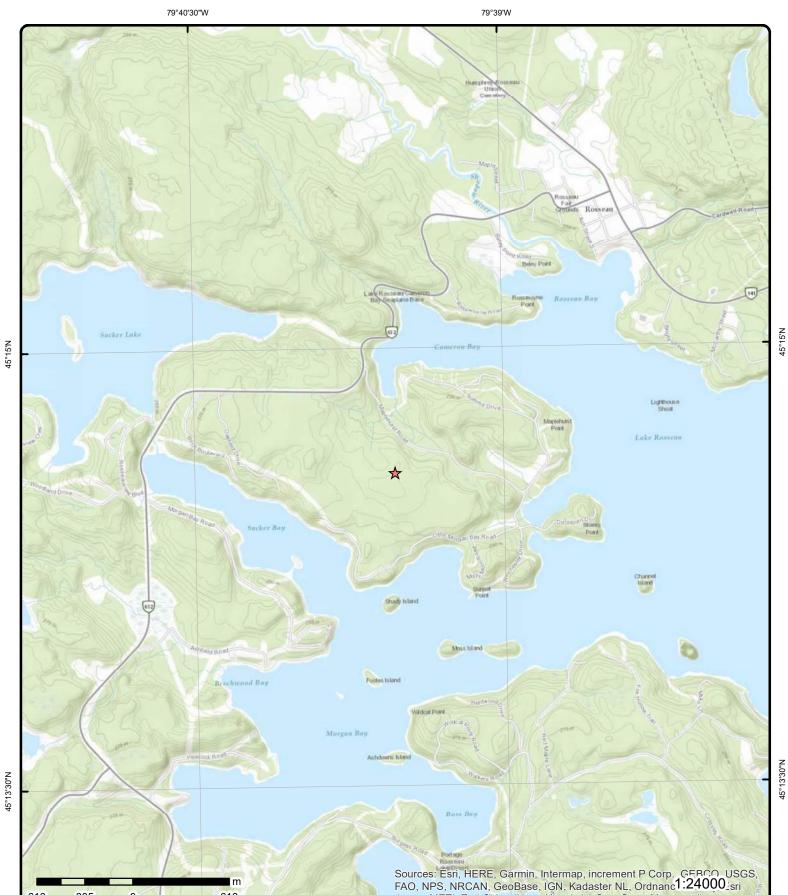
Address: Rosseau Development, Rosseau, ON

Source: ESRI World Imagery

Order Number: 22102100225



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Topographic Map

0

Address: Rosseau Development, ON

610

Source: ESRI World Topographic Map

305

610

Order Number: 22102100225

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Detail Report

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		D
<u>1</u>	1 of 1		NNW/212.4	243.0 / -22.02	lot 7 con 5 ON		WWI
Well ID:		4808809			Flowing (Y/N):		
Construction	n Date:				Flow Rate:		
Use 1st:	, Duto.	Domestic	•		Data Entry Status:		
Jse 2nd:		Domootic	·		Data Src:	1	
Final Well St	atus	Water Su	vlaa		Date Received:	09-Jul-2001 00:00:00	
Nater Type:					Selected Flag:	TRUE	
Casing Mate					Abandonment Rec:	HIGE	
Audit No:	nun.	223282			Contractor:	2550	
Tag:		LLOLOL			Form Version:	1	
Constructn I	Method.				Owner:	•	
Elevation (m					County:	PARRY SOUND	
Elevatn Relia					Lot:	007	
Depth to Bec					Concession:	05	
Well Depth:	aroon.				Concession Name:	CON	
Overburden/	Bedrock				Easting NAD83:	001	
Pump Rate:	Bearock.				Northing NAD83:		
Static Water	Lovol				Zone:		
Clear/Cloudy					UTM Reliability:		
Municipality			HUMPHRY TOWN	снір	O IM Renability.		
Site Info:	•			SHIF			
Additional D Well Comple Year Comple Depth (m): Latitude: Longitude: Path:	ted Date:	(<u>p)</u>	2001/06/08 2001 74.676 45.2447682042399 -79.659208690861 480\4808809.pdf				
Bore Hole In	<i>formation</i>						
Bore Hole ID) <i>-</i>	1052053	a		Elevation:		
DP2BR:	•	1032033			Elevrc:		
Spatial Statu	ie.				Zone:	17	
Spatial Statu Code OB:	13.				East83:	605223.90	
Code OB:	sc.				North83:	5011016.00	
реп Hole:	36.				Org CS:	5011010.00	
•					UTMRC:	9	
Cluster Kind		08- 100 20	001 00:00:00			9 unknown UTM	
Date Comple	elea:	00-Juil-20	001 00.00.00		UTMRC Desc:		
Remarks:	Dece		Lot centroid		Location Method:	lot	
	Desc:		LOT CENTION				
Loc Method Elevrc Desc:			Lot oontrold				
			Lot controld				
Elevrc Desc:	urce Date:	Source:					
Elevrc Desc: .ocation Sol	urce Date: t Location t Location	Method:					

Supplier Comment:

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Overburden Materials Inte	and Bedrock erval				
Formation ID):	932845378			
Layer:		1			
Color:		6			
General Colo	or:	BROWN			
Mat1: Maat Caman	an Matariala	31 COARSE GRAVEL			
Most Comme Mat2:	on waterial:	13			
Mat2 Desc:		BOULDERS			
Mat2 Desc. Mat3:		73			
Mat3 Desc:		HARD			
Formation To	op Depth:	0.0			
Formation E		18.0			
	nd Depth UOM:	ft			
<u>Overburden</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID):	932845379			
Layer:		2			
Color:		2			
General Colo	or:	GREY			
Mat1:		21			
Most Comme	on Material:	GRANITE			
Mat2:		85			
Mat2 Desc:		SOFT			
Mat3:					
Mat3 Desc:	an Danéh.	10.0			
Formation Te Formation E		18.0 245.0			
	nd Depth UOM:	243.0 ft			
Annular Spa	ce/Abandonment				
Sealing Reco					
Plug ID:		933222673			
Layer:		1			
Plug From:		0.0			
Plug To:		20.0			
Plug Depth L	JOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
<u>osc</u> Method Con:	struction ID:	964808809			
	struction Code:	4			
Method Con		Rotary (Air)			
Other Metho	d Construction:				
Pipe Informa	<u>ntion</u>				
Pipe ID:		11069109			
Casing No:		1			
Comment:					
Alt Name:					
Constructior	n Record - Casing				
Casing ID:		930519706			
Layer:		1			
	erisinfo.com En	vironmental Risk Info	rmation Service	19	Order No: 22102100225

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Material: 1 Open Hole on Material: STEEL Depth From: STEEL Depth From: 6.0 Casing Deameter: 6.0 Casing Deameter: 6.0 Casing Deameter: 7 Casing Dea	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter: 6.0 Casing Diameter: 004: 1nd Casing Diameter: 004: 1nd Results of Well Yield Testing Pump Test IN Well Yield Testing Pump Test Method Desc: 904-80.880.09 Pump Set At: 55 Static Levei 20.0 Pump Set At: 20.0 Recommended Pump Depth: 20.0 Pump Rete: 6.0 Flowing Rete: 6.0 Flowing Rete: 6.0 Flowing Rete: 7.0 Recommended Pump Depth: 20.0 Pump Test Detail D: 935047143 Test Dyne: 10 Park Down & Recovery Pump Test Detail D: 935047143 Test Dyne: 10 Test Levei UOM: 1 Test Levei UOM: 1 Test Duration: 1 Pump Test Detail D: 935047143 Test Dyne: 1 Test Duration: 1 Pump Test Detail D: 935047143 Test Dyne: 1 Test Duration: 1 Pump Test Detail D: 935047143 Test Dyne: 1 Test Duration: 1 Pump Test Detail D: 934253580 Test Levei: 0 Test Levei: 0 Test Duration: 1 Test Duration: 1	Open Hole of Depth From:					
Casing Depith UOM: ind Casing Depith UOM: it Results of Wall Yield Testing Suppling Test Method Desc: SUMP Pump East ID: Suppling Test Method Desc: Suppling Test Nethod Desc: Suppling Test Nethod Desc: Pump East ID: Suppling Test Method Desc: Suppling Test Nethod Desc: Suppling Test Nethod Desc: Final Level After Pumpling: 220.0 Pumpling Nethe: No Recommended Pump Depith: 220.0 Pumpling Nethe: No Recommended Pump Rete: 6.0 Common Nethod: No Water State After Test Code: 2 No Pumpling Nethod: No Vater State After Test: CluUUY Pumpling Nethod: No No Pumping Duration MR: 0 No No No Pumping Nethon MR: 0 No No No						
Casing Depth UOM: ft Results of Well Yield Testing Pump Test Mathod Desc: PUMP Pump Test Mathod Desc: PUMP Pump Test Mathod Desc: PUMP Resource Adde Dump Depth: 25.0 Recommended Dump Depth: 20.0 Recommended Dump Depth: 20.0 Recommended Pump Rate: 6.0 Test Devisit Out: 6.0 Test Durits Out: 6.0 Pumping Test Mathod: 7.0 Pumping Test Mathod: 0 Pumping Test Mathod: 0 Flowing Rate: 6.0 Pumping Test Mathod: 10 Pump Test Durit ID: 935047143 Test Duration MR: 00 Test Duration MR: 177.0 Test Duration MS Recovery 10 Pump Te						
Pumping Test Method Desi: PUMP Pump Set X: Pump Set X: Static Level: So						
Pump Set 10: 94408800 Pump Set 1: 220.0 Recommended Pump Depth: 220.0 Pumping Rate: 6.0 Recommended Pump Depth: 20.0 Pumping Rate: 6.0 Recommended Pump Depth: 20.0 Pumping Rate: 6.0 Recommended Pump Atter 6.0 Levels UOM: ft Recommended Pump Atter 6.0 Levels UOM: ft Rate UOM: ft Water State Atter Test: CLOUDY Pumping Duration MR: 0 Powing: No Pumping Duration MR: 0 Powing: No Pump Test Detail ID: 93425350 Test Type: Draw Down Test Levei UOM: ft Prase Detail ID: 934253580 Test Levei UOM: ft Prase Detail ID: 934253580 Test Levei UOM: ft Prase Detail ID: 934253580 Test Levei UOM: ft Prase	<u>Results of W</u>	ell Yield Testing				
Pumb Set At: 25.0 Final Level Atter Pumping: 220.0 Recommended Pump Papt: 6.0 Flowing Rate: 6.0 Flowing Rate: 6.0 Levels UOM: ft Recommended Pump Papt: COUNT Recommended Pump Rate: 6.0 Levels UOM: ft Rate UOM: GFM Water State After Test Code: 2 Water State After Test Code: 2 Water State After Test Code: 2 Water State After Test Code: 1 Pumping Duration MIN: 0 Flowing: No Draw Down & Recovery 0 Pump Test Detail ID: 935047143 Test Duration: 60 Test Level: 177.0 Test Level: Draw Down Test Level: Draw Down Test Level: Draw Down Test Level: Draw Down Test Level: 0 Test Level: 0 Test Level: 0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
Final Level After Pumplegit: 220.0 Pumping Rate: 6.0 Recommended Pump Rate: 6.0 Evels UOM: ft Recommended Pump Rate: 6.0 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 2 Water State After Test Code: 2 Water State After Test Code: 2 Water State After Test Code: 1 Pumping Duration MR: 6 Pumping Test Method: 1 Pumping Test Method: 0 Flowing: No Draw Down & Recovery 0 Pump Test Detail ID: 935047143 Test Level: 177.0 Test Level: 177.0 Test Level: 177.0 Test Level: 0 Test Level: 14.0 Test Level: 0 Te						
Recommended Pump Dapth: 220.0 Flowing Rate: 6.0 Flowing Rate: 6.0 Recommended Pump Rate: 6.0 Levels UOM: th Ret UOM: SPM Water State After Test Code: 2 Pumping Test Method: 1 Pumping Duration MR: 6 Pumping Duration MR: 0 Flowing: No Praw Down & Recovery 0 Praw Down & Recovery 0 Pump Test Detail ID: 935047143 Test Type: Draw Down Test Vipe: Draw Down Test Level: 177.0 Test Level UOM: th Test Level: 934782252 Test Level: Draw Down Test Level: 0 Test Level: 934782252 Test Level: Draw Down Test Level: 148.0 Test Level: 148.0 Test Level: 148.0 Test Level: 148.0 Test Level:						
Pumping Rate: 6.0 Flowing Rate: 6.0 Recommended Pump Rate: 6.0 Lowis UOM: ft Rate UOM: GPM Water State After Test Code: 2 Water State After Test Code: 1 Pumping Duration HR: 6 Pumping Duration HR: 0 Flowing Rate: 1 Pumping Duration HR: 0 Plowing Rate: 1 Pumping Duration HR: 0 Plowing Rate: 1 Pump Test Detail ID: 935047143 Test Puration: 60 Test Puration: 60 Test Type: Draw Down Test Lowei: 17.0 Test Levei 17.0 Test Levei Draw Down Test Lowei: Daw Down Test Lowei: May Otaw Test Lowei: Da						
Flowing Fate: Flowing Fate: Recommended Pump Rate: 6.0 Levels UOM: ft Rate UOM: GPM Water Site After Test Code: 2 Water Site After Test Sci. CLOUDY Pumping Duration IRR: 6 Pumping Duration IRR: 0 Flowing: No Draw Down & Recovery No Pump Test Detail ID: 935047143 Test Type: Draw Down Test Duration: 60 Test Duration: 60 Test Level: 177.0 Test Level UOM: t Test Type: Draw Down Test Level UOM: t Test Level: 15 Test Level: 15 Test Level UOM: t Draw Down & Recovery Pump Test Detail ID: Pump Test Detail ID: 934253580 Test Level: 16 Test Level: 15 Test Level: 16 Test Level UOM: t Test Level UO						
Recommended Pump Rate: 6.0 Levels UOM: f Rate UOM: GPM Water State After Test Code: 2 Water State After Test Code: 2 Water State After Test Code: 1 Pumping Duration HR: 6 Pumping Duration HR: 6 Pumping Duration MIN: 0 Flowing: No Draw Down & Recovery No Pump Test Detail ID: 935047143 Test Type: Draw Down Test Type: Draw Down Test Duration: 60 Test Level UOM: t Test Level UOM: <t< td=""><td></td><td></td><td>6.0</td><td></td><td></td><td></td></t<>			6.0			
Levels UOM: ft Rate UOM: GPM Water State After Test: CLOUDY Pumping Test Method: 1 Pumping Duration HR: 6 Pumping Duration MIN: 0 Flowing: No Draw Down & Recovery Pump Test Detail ID: 935047143 Test Type: Draw Down 6 Test Type: Draw Down 6 Test Streation: 60 6 Test Juration: 60 6 Test Level: 177.0 6 Test Level UOM: t 6 Test Level: 0 6.0 Test Level: 0 7.0 Test Level: 0 6.0 Test Level: 6.0 6.0 Test Level: 6.0 6.0 Test Level: 6.0 6.0 Test Level: 0 7.0 Test Level: 0 7.0 Test Level: 0 7.0 Test Duration: 15			6.0			
Rate UON: GPM Water State After Test: CLOUDY Pumping Test Method: 1 Pumping Test Method: 1 Pumping Duration MR: 0 Prowning Duration MR: 0 Prowning Duration MR: 0 Prown & Recovery No Pump Test Detail ID: 935047143 Test Duration: 60 Test Duration: 60 Test Duration: 60 Test Lowei: 177.0 Test Level: 177.0 Test Level: 15 Test Lowei: 60.0 Test Level: 60.0						
Water State After Test:CLOUDYPumping State Method:1Pumping Duration HR:0Pumping Duration MIN:0Powing:NoDraw Down & RecoveryPump Test Detail ID:935047143Test Type:Draw DownTest Type:Draw DownTest Duration:60Test Level:177.0Test Level:177.0Test Level:Draw DownTest Level:15Test Level:60.0Test Level:14.0Test Level:14.0Test Level:148.0Test Level:148.0Test Level:148.0Test Level:148.0Test Level:148.0Test Level:148.0Test Level UOM:tTest Level UOM:112.0Test Level UOM:112.0Test Level UOM:t						
Pumping Test Method: 1 Pumping Duration HR: 6 Pumping Duration MIN: 0 Flowing: No Draw Down & Recovery No Pump Test Detail ID: 935047143 Test Type: Draw Down Test Duration: 60 Test Duration: 60 Test Duration: 60 Test Level: 177.0 Test Level UOM: tt Draw Down & Recovery Test Level UOM: Pump Test Detail ID: 934253580 Test Level UOM: tt Draw Down & Recovery Draw Down Pump Test Detail ID: 934253580 Test Level UOM: tt Draw Down & Recovery Est Duration: Pump Test Detail ID: 93478252 Test Level UOM: tt Draw Down & Recovery Pump Test Detail ID: Pump Test Detail ID: 93478252 Test Level UOM: tt Draw Down & Recovery Pump Test Detail ID: Pump Test Detail ID: 9345828119	Water State	After Test Code:				
Pumping Duration MIR:6Pumping Duration MIR:0Flowing:NoDraw Down & RecoveryPump Test Detail ID:935047143Test Type:Draw DownTest Duration:60Test Duration:60Test Level:177.0Test Level:Draw DownTest Level:0Pump Test Detail ID:934253580Test Level:Draw DownTest Level:66.0Test Level:66.0Test Level UOM:tTest Level UOM:tTest Level UOM:tTest Level UOM:tTest Level UOM:934782252Test Level UOM:934782252Test Level UOM:tTest Level UOM:tTest Level UOM:tTest Level UOM:148.0Test Level UOM:tTest Level UOM:t						
Pumping Duration MIN: 0 Flowing: No Draw Down & Recovery						
Flowing: No Draw Down & Recovery Pump Test Detail ID: 935047143 Test Type: Draw Down Test Duration: 60 Test Level: 177.0 Test Level UOM: t Pump Test Detail ID: 934253580 Test Type: Draw Down Test Level: Draw Down Test Level: Draw Down Test Level: 06.0 Test Level: 07.0 Test Level: 06.0 Test Level: 07.0						
Draw Down & Recovery Pump Test Detail ID: 935047143 Test Type: Draw Down Test Duration: 60 Test Level: 177.0 Test Level UOM: t Draw Down & Recovery Pump Test Detail ID: 934253580 Test Level: Draw Down Test Duration: 15 Test Level: 66.0 Test Level: 66.0 Test Level: 17.0 Test Level: 18.0 Test Level: Draw Down Test Level: 148.0 Test Level: 12.0 Test Level: 112.0 Test Level: 112.0 Test Level: 112.0 Test Level UOM: t <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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	Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Bore Hole ID: Depth M: Year Complete Well Complete Audit No:		10520539 74.676 2001 2001/06/08 223282			Tag No: Contractor: Path: Latitude: Longitude:	2550 480\4808809.pdf 45.2447682042399 -79.6592086908614	
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		4000000			-		
Well ID: Construction [Data	4809909			Flowing (Y/N): Flow Rate:		
Use 1st:	Date:	Domestic			Data Entry Status:		
Use 2nd:		Domestic			Data Entry Status. Data Src:		
Final Well Stat	hue:	Water Supp	ahy and a start st		Date Received:	07-Apr-2005 00:00:00	
Water Type:	us.	water Supp	лу		Selected Flag:	TRUE	
Casing Materia	əl·				Abandonment Rec:	INOL	
Audit No:	<i>u</i> 1.	Z18345			Contractor:	3678	
Tag:		A018197			Form Version:	3	
Constructn Me	ethod:				Owner:	0	
Elevation (m):					County:	PARRY SOUND	
Elevatn Reliab					Lot:	007	
Depth to Bedro					Concession:	04	
Well Depth:					Concession Name:		
Dverburden/Be	edrock:				Easting NAD83:		
Pump Rate:					Northing NAD83:		
Static Water Le	evel:				Zone:		
Clear/Cloudy:					UTM Reliability:		
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Site Info: PDF URL (Map	o):				t/moe_mapping/downloads	s/2Water/Wells_pdfs/480\4809909.pd	lf
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Site Info: PDF URL (Map Additional Deta Well Complete Year Complete Depth (m): Latitude: Longitude: Path: Bore Hole Info DP2BR: Spatial Status: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Loc Method De Elevrc Desc: Location Sourd	ed Date: ed: ormation : : : : : : : : : : : : : : : : : : :	ht 21 21 21 39 41 -7 41 11323084 11323084	ttps://d2khazk8e83 004/09/16 004 7.5 5.2388033567269 79.6571817723322 80\4809909.pdf	3rdv.cloudfront.ne	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	17 605394.00 5010356.00 UTM83 4 margin of error : 30 m - 100 m	f
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Overburden and Bedrock

	umber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Materials Interval	1				
Formation ID: Layer: Color:		933020246 1 6			
General Color: Mat1:		BROWN 28			
Most Common M Mat2: Mat2 Desc:	aterial:	SAND 11 GRAVEL			
Mat3: Mat3 Desc:		0.0			
Formation Top D Formation End D Formation End D	epth:	0.0 2.400000095367431 m	6		
Overburden and Materials Interval					
Formation ID: Layer: Color:		933020247 2 2			
General Color: Mat1:		GREY 26			
Most Common M Mat2: Mat2 Desc: Mat3:	aterial:	ROCK			
<i>Mat3 Desc: Formation Top De Formation End D Formation End D</i>	epth:	2.400000095367431 97.5 m	6		
<u>Annular Space/A</u> <u>Sealing Record</u>	bandonment_				
Plug ID: Layer:		933267116 1			
Plug From: Plug To: Plug Depth UOM:		0.0 6.099999904632568 m			
<u>Method of Consti Use</u>	ruction & Well				
Method Construct Method Construct Method Construct Other Method Co	tion Code: tion:	964809909 4 Rotary (Air)			
Pipe Information					
Pipe ID: Casing No: Comment: Alt Name:		11337939 1			
Construction Rec	ord - Casing				
Casing ID: Layer:		930865931 1			
Material:		1			

17

Open Hole or I				
	Material:	STEEL		
Depth From:		-0.40000005960464	5	
Depth To:		6.099999904632568		
Casing Diame		16.0		
Casing Diame		cm		
Casing Depth	UOM:	m		
Construction I	<u> Record - Casing</u>			
Casing ID:		930865932		
.ayer: //aterial:		2 4		
open Hole or l	Matorial	4 OPEN HOLE		
Depth From:	wateriar.	6.099999904632568		
Depth To:		97.5		
Casing Diame	ter:			
Casing Diame		cm		
Casing Depth		m		
Results of We	ll Yield Testing			
Pumping Test	Method Desc:			
Pump Test ID:		11350282		
Pump Set At:		91.4000015258789		
Static Level:	tor Dumping	40.0		
Final Level Aft	d Pump Depth:	49.0 91.4000015258789		
Pumping Rate		20.0		
Flowing Rate:		20.0		
	d Pump Rate:	20.0		
evels UOM:	•	m		
Rate UOM:		LPM		
	fter Test Code:	1		
Vater State Af		CLEAR		
Pumping Test				
Pumping Dura		1		
Pumping Dura Flowing:	ition MIN:	0		
Draw Down &	<u>Recovery</u>			
Pump Test De	tail ID:	11369684		
est Type:		Draw Down		
est Duration:		50		
fest Level:		43.0		
est Level UO	М:	m		
Draw Down &	<u>Recovery</u>			
Pump Test De	tail ID:	11369692		
est Type:		Recovery		
est Duration: est Level:		15 42.0		
est Level UO	М:	42.0 m		
Draw Down &	<u>Recovery</u>			
Pump Test De	-	11369671		
est Type:		Recovery		
est Duration:	•	2		
est Level:		48.5		
est Level UO	М:	m		

Draw Down & Recovery

Pump Test Detail ID:	11369676
Test Type:	Recovery
Test Duration:	4
Test Level:	47.5
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11369677
Test Type:	Draw Down
Test Duration:	5
Test Level:	10.199999809265137
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11369685
Test Type:	Recovery
Test Duration:	40
Test Level:	30.799999237060547
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11369675
Test Type:	Draw Down
Test Duration:	4
Test Level:	9.199999809265137
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11369680
Test Type:	Recovery
Test Duration:	1
Test Level:	49.0
Test Level UOM:	m

Draw Down & Recovery

11369682
Draw Down
60
49.0
m

Draw Down & Recovery

Pump Test Detail ID:	11369690
Test Type:	Recovery
Test Duration:	20
Test Level:	39.5
Test Level UOM:	m

Draw Down & Recovery

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	11369691 Draw Down 20 21.79999923706054 m	7		
Draw Down	<u>& Recovery</u>				
Pump Test L Test Type: Test Duratio Test Level: Test Level U	n:	11369694 Recovery 10 44.5 m			
<u>Draw Down</u>	& Recovery				
Pump Test E Test Type: Test Duratio Test Level: Test Level U	n:	11369674 Recovery 3 48.0 m			
Draw Down	& Recovery				
Pump Test L Test Type: Test Duratio Test Level: Test Level U	n:	11369681 Recovery 60 22.79999923706054 m	7		
Draw Down	& Recovery				
Pump Test L Test Type: Test Duratio Test Level: Test Level U	n:	11369672 Draw Down 3 8.199999809265137 m			
Draw Down	& Recovery				
Pump Test L Test Type: Test Duratio Test Level: Test Level U	n:	11369673 Draw Down 2 7.199999809265137 m			
Draw Down	& Recovery				
Pump Test L Test Type: Test Duratio Test Level: Test Level U	n:	11369687 Recovery 30 35.0 m			
Draw Down	& Recovery				
Pump Test L Test Type: Test Duratio Test Level:		11369688 Draw Down 10 14.5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	L
est Level U	OM:	m			
Draw Down &	Recovery				
ump Test D	etail ID:	11369693			
est Type:		Draw Down			
est Duration	ı:	15			
est Level:		18.200000762939453	3		
est Level U	ОМ:	m			
aw Down 8	Recovery				
ump Test D	etail ID:	11369670			
est Type:		Recovery			
est Duratior	1:	5			
est Level:	~~~	47.0			
est Level U	OM:	m			
raw Down &	Recovery				
ump Test D	etail ID:	11369678			
est Type:	_	Draw Down			
est Duratior est Level:	1:	1 6.099999904632568			
est Level. est Level U	ОМ:	m			
raw Down 8	Recovery				
ump Test D	etail ID:	11369679			
est Type:		Draw Down			
est Duratior	1:	30			
est Level:		29.0			
est Level U	ОМ:	m			
aw Down 8	<u>Recovery</u>				
ump Test D	etail ID:	11369683			
est Type:		Recovery			
est Duratior	1:	50			
est Level:		37.0			
est Level U	OM:	m			
raw Down &	Recovery				
ump_Test D	etail ID:	11369686			
est Type:		Draw Down			
est Duratior	1:	25	-		
est Level: est Level U(ОМ:	25.200000762939453 m	3		
raw Down 8	Recovery				
ump Test D	etail ID:	11369689			
est Type:		Recovery			
est Duration	1:	25			
est Level:		37.0			
est Level U	ОМ:	m			
<u>raw Down 8</u>	<u>Recovery</u>				
21	erisinfo.com I Fr	vironmental Risk Infor	mation Service	S	Order No: 221021002

	Number of Records	Direction/ Distance (m	Elev/Diff) (m)	Site		DB
Pump Test Deta	ail ID:	11369695				
Test Type:		Draw Down				
Test Duration:		40				
Test Level:		35.5				
Test Level UOM	1:	m				
<u>Water Details</u>						
Water ID:		934058960				
Layer:		1				
Kind Code:		1				
Kind: Watar Farmal D		FRESH	245			
Water Found De Water Found De		45.700000762939 m	940			
<u>Hole Diameter</u>						
Hole ID:		11542793				
Diameter:		22.22999954223	6328			
Depth From:		0.0				
Depth To:		6.099999904632	568			
Hole Depth UOI		m				
Hole Diameter L	JOM:	cm				
Hole Diameter						
Hole ID:		11542794				
Diameter:		16.0				
Depth From:		6.099999904632	568			
Depth To:		97.5				
Hole Depth UOI Hole Diameter L		m cm				
<u>Links</u>						
Bore Hole ID:	11	323084		Tag No:	A018197	
Depth M:	97			Contractor:	3678	
Year Completed				Path:	480\4809909.pdf	
Well Completed		04/09/16		Latitude:	45.2388033567269	
Audit No:		8345		Longitude:	-79.6571817723322	
<u>3</u> 1	of 1	SSW/554.1	247.7/-17.33	lot 8 con 4 ON		wwis
Well ID:	48	06438		Flowing (Y/N):		
Construction Da Use 1st:		omestic		Flow Rate: Data Entry Status:		
Use 2nd:				Data Src:	1	
Final Well Statu	is: Wa	ater Supply		Date Received:	01-May-1992 00:00:00	
Water Type:				Selected Flag:	TRUE	
Casing Material		6008		Abandonment Rec:	1366	
Audit No: Tag:	09	6008		Contractor: Form Version:	1366 1	
rag: Constructn Met	hod			Owner:	,	
Elevation (m):	nou.			County:	PARRY SOUND	
Elevatn Reliabil	tv:			Lot:	008	
Depth to Bedro				Concession:	04	
Well Depth:				Concession Name:	CON	
Overburden/Be	drock:			Easting NAD83:		
Pump Rate:				Northing NAD83:		
Static Water Lev				Zone:		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Clear/Cloudy: Municipality: Site Info:		HUMPHRY TOWN	SHIP	UTM Reliability:		
PDF URL (Maj	o):	https://d2khazk8e8	3rdv.cloudfront.ne	et/moe_mapping/download	ls/2Water/Wells_pdfs/480\4806438.pdf	
Additional De	t <u>ail(s) (Map)</u>					
Well Complete Year Complete Depth (m): Latitude: Longitude: Path:		1991/07/05 1991 36.576 45.2380890329362 -79.6607418147019 480\4806438.pdf				
Bore Hole Info	ormation					
Improvement Source Revisi Supplier Com	c: ed: 05-Jul resc: rce Date: Location Source. Location Method fon Comment: ment:	I-1991 00:00:00 Lot centroid		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	17 605115.90 5010272.00 9 unknown UTM lot	
Overburden a Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Common Mat2 Desc: Mat3 Desc: Formation Top Formation End	r <u>val</u> : n Material: o Depth:	932022007 1 6 BROWN 28 SAND 01 FILL 13 BOULDERS 0.0 9.0 ft				
<u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc:	<u>rval</u> :	932022008 2 21 GRANITE				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Mat3: Mat3 Desc: Formation Te Formation El		9.0 65.0				
	nd Depth UOM:	ft				
<u>Overburden</u> <u>Materials Inte</u>	<u>and Bedrock</u> erval					
Formation ID Layer:):	932022009 3				
Color:		2				
General Colo	or:	GREY				
Mat1: Most Commo	on Material:	21 GRANITE				
Mat2:	, matorian	0.000				
Mat2 Desc: Mat3:						
Mat3 Desc:						
Formation Te Formation El	op Depth:	65.0 120.0				
	nd Depth. nd Depth UOM:	ft				
<u>Method of Co Use</u>	onstruction & Well					
Method Cons	struction ID:	964806438				
Method Cons Method Cons	struction Code:	5 Air Percussion				
	d Construction:	All Fercussion				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID:		10861068				
Casing No: Comment:		1				
Alt Name:						
<u>Constructior</u>	n Record - Casing					
Casing ID:		930515890				
Layer: Material:		2 4				
Open Hole o		OPEN HOLE				
Depth From: Depth To:		120.0				
Casing Diam	eter:	6.0				
Casing Diam Casing Dept		inch ft				
Constructior	n Record - Casing					
Casing ID:		930515889				
Layer:		1				
Material: Open Hole o	r Material:	1 STEEL				
Depth From: Depth To:		20.0				
Casing Diam	eter:	6.0				
Coolma Dia	atau LIOM.	i na alla				

Casing Diameter: Casing Diameter UOM: Casing Depth UOM:

inch ft

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Results of W	/ell Yield Te	<u>sting</u>					
Pumping Tes Pump Test II	D:)esc:	PUMP 994806438				
Pump Set At Static Level:			4.0				
Final Level A		na:	4.0				
Recommend Pumping Ra Flowing Rate	led Pump D te:		60.0 50.0				
Recommend Levels UOM	led Pump R	ate:	ft				
Rate UOM:			GPM				
Water State J Water State J		ode:	2 CLOUDY				
Pumping Tes	st Method:		1				
Pumping Du			1				
Pumping Du Flowing:	ration win:		0 No				
Draw Down	& Recovery						
Pump Test L Test Type:	Detail ID:		934786510				
Test Duratio	n:		45				
Test Level:			25.0				
Test Level U	OM:		ft				
<u>Draw Down o</u>	<u>& Recovery</u>						
Pump Test D	Detail ID:		935049250				
Test Type: Test Duratio	n.		60				
Test Level:			22.0				
Test Level U	OM:		ft				
Draw Down	<u>& Recovery</u>						
Pump Test D	Detail ID:		934531368				
Test Type: Test Duratio	n·		30				
Test Level:			30.0				
Test Level U	OM:		ft				
Water Detail	<u>s</u>						
Water ID:			933785270				
Layer:			1				
Kind Code: Kind:			1 FRESH				
Water Found Water Found	l Depth: I Depth UOI	И:	105.0 ft				
<u>Links</u>							
Bore Hole ID):	1031249	8		Tag No:		
Depth M:	to de	36.576			Contractor:	1366	
Year Comple Well Comple	etea: eted Dt:	1991 1991/07/	05		Path: Latitude:	480\4806438.pdf 45.2380890329362	
Audit No:		096008			Longitude:	-79.6607418147019	
					-		

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>4</u>	1 of 1		SW/566.3	245.0 / -20.00	113 LITTLE MORGO ON	N BAY RD lot 8 con 5	WWIS
Well ID: Constructio Use 1st: Use 2nd: Final Well S Water Type: Casing Mate Audit No: Tag: Constructn Elevation (n Elevatn Reli Depth to Be Well Depth: Overburden Pump Rate: Static Wate Clear/Cloud Municipality Site Info:	tatus: erial: Method: n): iabilty: drock: //Bedrock: r Level: y: :	7203207 Domestic Water Su Z157802 A137771	pply HUMPHRY TOWN		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	17-Jun-2013 00:00:00 TRUE 7508 7 PARRY SOUND 008 05 CON	
PDF URL (M <u>Additional D</u>	• /	<u>(q)</u>	ηττρς://d2knazk8e8	3rav.clouafront.ne	t/moe_mapping/downloads	/2Water/Wells_pdfs/720\7203207.pc	זנ
Well Comple Year Compl Depth (m): Latitude: Longitude: Path:	eted Date:		2013/04/25 2013 121.9 45.2392506105517 -79.6638475468908 720\7203207.pdf				

Bore Hole Information

Bore Hole ID:	1004351631	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	604870.00
Code OB Desc:		North83:	5010397.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	5
Date Completed:	25-Apr-2013 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date: Improvement Location Improvement Location	Source:		

Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

Formation ID:	1004935607
Layer:	2
Color:	2
General Color:	GREY
Mat1:	26

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Commo	on Material:	ROCK			
Mat2: Mat2 Desc: Mat3: Mat3 Desc:					
Formation To Formation El Formation El		1.200000047683715 121.9000015258789 m			
<u>Overburden</u> <u>Materials Int</u>	and Bedrock erval				
Formation ID):	1004935606			
Layer: Color:		1 2			
General Colo	or:	GREY			
Mat1:		11			
Most Commo Mat2:	on Material:	GRAVEL			
Mat2 Desc:					
Mat3:					
Mat3 Desc: Formation Te	on Denth:	0.0			
Formation E	nd Depth: nd Depth UOM:	1.200000047683715 m	8		
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer:		1004935642 1			
Plug From:		0.0			
Plug To: Plug Depth L	IOM:	6.099999904632568 m	i		
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction ID:	1004935641			
Method Cons	struction Code: struction: d Construction:	5 Air Percussion			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1004935604 0			
<u>Constructior</u>	n Record - Casing				
Casing ID:		1004935612			
Layer:		2			
Material: Open Hole o	r Material:	4 OPEN HOLE			
Depth From:		6.099999904632568			
Depth To: Casing Diam	otor:	121.9000015258789 16.0	1		
Casing Diam	eter UOM:	cm			
Casing Dept	h UOM:	m			

Construction Record - Casing

Casing ID:	1004935611
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-0.400000059604645
Depth To:	6.099999904632568
Casing Diameter:	16.0
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004935613
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1004935605
Pump Set At:	118.9000015258789
Static Level:	18.299999237060547
Final Level After Pumping:	59.099998474121094
Recommended Pump Depth:	118.9000015258789
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	20.0
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	1004935631
Test Type:	Recovery
Test Duration:	25
Test Level:	46.400001525878906
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1004935634
Test Type:	Draw Down
Test Duration:	40
Test Level:	49.0
Test Level UOM:	m

Draw Down & Recovery

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test D	Detail ID:	1004935625			
Test Type:		Recovery			
Test Duration Test Level:	n:	10 54.0			
Test Level U	OM:	54.0 m			
1001 20101 0	•				
<u>Draw Down a</u>	<u>& Recovery</u>				
Pump Test D	Detail ID:	1004935616			
Test Type:		Draw Down			
Test Duration Test Level:	n:	2 20.5			
Test Level U	OM-	20.5 m			
Test Level O	O <i>M</i> .				
<u>Draw Down a</u>	& Recovery				
Pump Test D	Detail ID:	1004935620			
Test Type:		Draw Down			
Test Duration Test Level:	n:	4 22.5			
Test Level U	OM·	22.5 m			
lest Level O	O				
Draw Down a	& Recovery				
Pump Test D	Detail ID:	1004935622			
Test Type:		Draw Down			
Test Duration Test Level:	n:	5 23.10000038146972	70		
Test Level U	OM-	23.10000036140972 m	21		
lest Level O	O <i>M</i> .				
<u>Draw Down a</u>	& Recovery				
Pump Test D	Detail ID:	1004935615			
Test Type:		Recovery			
Test Duratio	n:	1			
Test Level:		58.90000152587890	06		
Test Level U	ОМ:	m			
<u>Draw Down a</u>	& Recovery				
Pump Test D	Detail ID:	1004935627			
Test Type:		Recovery			
Test Duratio	n:	15	_		
Test Level:		51.2999992370605	5		
Test Level U	01/17:	m			
Draw Down a	& Recovery				
Pump Test D	Detail ID:	1004935632			
Test Type:		Draw Down			
Test Duratio	n:	30			
Test Level:		42.0			
Test Level U	01/17:	m			
<u>Draw Down a</u>	& Recovery				
Pump Test D	Detail ID:	1004935633			
Test Type:		Recovery			
Test Duratio	n:	30			

Test Level: 44 009999474121094 Test Level: m Draw Down & Recovery Pump Test Deal Pump Test Deal D04935537 Test Type: Recovery Pump Test Deal D0: Test Lavel Dowi 36.0 Test Lavel Dowi 36.0 Test Lavel Dowi m Draw Down & Recovery Pump Test Deal Pump Test Deal Diraw Down Test Lavel Dowi m Draw Down & Recovery Pump Test Deal Pump Test Deal Diraw Down Test Lavel Dowi m Draw Down & Recovery Pump Test Deal Pump Test Deal Diraw Down Test Lavel Dowi m Draw Down & Recovery Pump Test Deal Pump Test Deal Diraw Down Test Lavel DOW: m Draw Down & Recovery Pump Test Deal Pump Test Deal Diraw Down Test Lavel DOW: m Draw Down & Recovery Test Lavel DOW: Test Lavel DOW: m <t< th=""><th>Map Key</th><th>Number of Records</th><th>Direction/ Distance (m)</th><th>Elev/Diff (m)</th><th>Site</th><th>D</th></t<>	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
Part Does II D: 1004939537 Fest Davision: 86:0 Fest Davision: 36:0 Fest Davision: 26:0 Fest Davision: 40:0 Fest Lavei: 1004935633 Fest Lavei: 1004935634 Fest Lavei: 1004935634 Fest Lavei: 1004935634 Fest Lavei: 1004935634 Fest Lavei: 1004935637 Fest Lavei: 1004935637 Fest Lavei: 1004935637 F			44.0999984741210	94		
Pump Test Detail ID: 1004935637 Fest Lavei: 36.0 Fest Lavei: Diraw Down Fest Lavei: Diraw Down Fest Lavei: 30.00000047121094 Fest Lavei: 30.00000047121094 Fest Lavei: 40.0 Fest Lavei: 40.0 Fest Lavei: 40.0 Fest Lavei: 1004935639 Fest Lavei: 40.0 Fest Lavei: 1004935639 Fest Lavei: 1004935639 Fest Lavei: 1004935639 Fest Lavei: 1004935614 Fest Lavei: 1004935614 Fest Lavei: 1004935637 Fest Lavei: 1004935637 Fest Lavei: 1004935637 Fest Lavei: 1004935614 Fest Lavei: 1004935637 Fest Lavei: 1004935637 <	Fest Level UC	ОМ:	m			
Test Draw Down & Recovery Test Level: 38.0 Test Level UOM: m Park Down & Recovery Park Down & Recovery Pa	Draw Down &	Recovery				
Test Drain S. Recovery Fest Level Down Fest Level Down Fest Draw Down & Recovery Pump Test Denail ID: 1004935830 Fest Drawic S. 38.99998474121094 Fest Drawic S. 38.99998474121094 Fest Level Down Fest Le	Pump Test De	etail ID:	1004935637			
Test Level 36.0 Prest Level UOM: n Pray Down & Recovery Draw Down Pray Test Detail ID: 1004935630 Test Level 38.099998474121094 Test Level 38.099998474121094 Test Level 38.099998474121094 Test Level 38.099998474121094 Test Detail ID: 1004935635 Test Tope: Recovery Park Down & Recovery Recovery Park Down & Recovery Recovery Park Down & Recovery Recovery Test Level UOM: m Park Down & Recovery Recovery Rest Level Draw Down Rest Level Draw Down Rest Level UOM: Recovery Rest Level UOM: <td></td> <td></td> <td>Recovery</td> <td></td> <td></td> <td></td>			Recovery			
Test Level UOM: m Draw Down & Recovery Down Soon Party Type: Down Soon Test Type: Down Soon Test Type: So 09999847/121094 Test Level UOM: m Party Tost Detail ID: 1004335635 Test Level: 40 Test Detail ID: 1004335635 Test Tore: Recovery Party Tost Detail ID: 1004335635 Test Tore: 40 Test Level: 40 Test Detail ID: 1004335639 Test Tore: 80 Test Level: 32.09999847/121084 Test Level: 32.09999847/121084 Test Level: 32.099999237000547 Test Tore: 1004935614 Test Tore: 1004935617 Test Level: 1004935617 Test Level: 58.5 Te):				
Draw Down & Recovery Pump Test Detail ID: 1004935635 Test Down Test Down Test Down Recovery Pump Test Detail ID: 1004935635 Test Level Monta Second Pump Test Detail ID: 1004935635 Test Level Monta Second Pump Test Detail ID: 1004935635 Test Level Monta Second Test Level Monta Second Pump Test Detail ID: 1004935639 Test Level Monta Second Test Level Monta Second Pump Test Detail ID: 1004935639 Test Level Monta Second Test Level Second Test Detail ID: <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
The provided and the set of the set	est Level UC	ОМ:	m			
hear Type: Draw Down Hear Duration: 25 Hear Level: 38.099998474121094 Hear Down & Recovery Pump Test Detail ID: 1004935635 Hear Level: 40.0 Hear Down & Recovery Hear Down & Recovery Pump Test Detail ID: 1004935639 Hear Type: Recovery Pump Test Detail ID: 1004935639 Hear Type: Recovery Pump Test Detail ID: 1004935639 Hear Type: Recovery Hear Down & Recovery Pump Test Detail ID: 1004935614 Hear Type: Draw Down Hear Level: 19,29999237060547 Hear Type: Recovery Hear Down & Recovery Pump Test Detail ID: 1004935614 Hear Type: Draw Down Hear Level: 19,29999237060547 Hear Type: Recovery Hear Type: Draw Down Hear Level UOM: m Hear Type: Recovery Hear Type: Recovery Hear Type: Recovery Hear Type: Recovery Hear Type: Draw Down Hear Level: 38.5 Heat Level: 38.0 Hear Level: 34.0 Hear Level: 34.0	Draw Down &	Recovery				
Test Level: 25 Test Level: 38.099998474121094 Test Level: 38.099998474121094 Test Detail ID: 1004935635 Test Detail ID: 1004935635 Test Detail ID: 1004935639 Test Level: 40.0 Test Level: 40.0 Test Level: 40.0 Test Level: 40.0 Test Level: 80.00 Test Level: 80.00 Test Level: 32.099998474121094 Test Level: 10.04935614 Test Level: 19.29999237060547 Test Detail ID: 1004935617 Test Level: 19.29999237060547 Test Level: 58.5 Test Level: 58.5 Test Level: 58.5 Test		etail ID:				
Test Level: 38.099998474121094 test Level: 38.099998474121094 test Level: 1004935635 test Type: Recovery test Level: 40 test Level: 8009998474121094 test Level: 32.099998474121094 test Level: 32.099998474121094 test Level: 32.099998474121094 test Level: 32.09999837060547 test Level: 1004935614 test Level: 19.299999237060547 test Level: 19.299999237060547 test Level: 19.299999237060547 test Level: 1004935517 test Level: 58.5 test Level: 58.5 test Level: 58.5 test Level: 58.5						
Test Level UOM: n Test Devel UOM: n Test Devel Development Test		1:		24		
Drum Desi Detail ID: 1044335635 Test Duraiton: 40 Test Level DOM: 40 Test Detail ID: 1004935639 Test Detail ID: 1004935639 Test Detail ID: 1004935639 Test Detail ID: 20.999996474121094 Test Level: 32.099996474121094 Test Level: 32.09999937060547 Test Level: Dava Down Test Level: 10.04935614 Test Level: 19.299999327060547 Test Level: 19.299999237060547 Test Level: 19.299999237060547 Test Level: 19.299999237060547 Test Level: 10.04935617 Test Level: 10.04935617 Test Level: 86.5 Test Level: 56.5 Test Level: 56.5 Test Level: 56.5 Test Level: 10.04935628 Test Detail ID: 10.0493562		<i>M</i> .		94		
Type: 1004935635 Fest Duration: 40.0 Fest Level: 40.0 Fest Level UOM: m Draw Down & Recovery Est Level UOM: Fest Level: 32.099398474121094 Fest Level: 32.0939398474121094 Fest Level: 32.0939398474121094 Fest Level: 32.0939398474121094 Fest Level: 1004935614 Fest Level: Draw Down Fest Level: 1004935614 Fest Level: Draw Down Fest Level: 1004935617 Fest Level: 1004935617 Fest Level: 1004935617 Fest Level: S.5 Fest Level: Mon Down Fest Duration: m Draw Down Est Level UOM:	est Level oc	<i>)</i> wi.				
Test Type: Recovery Fest Level: 40.0 Test Level: 40.0 Test Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935639 Test Type: Recovery Test Level: 32.099998474121094 Test Level: 32.099998474121094 Test Level: 32.099998474121094 Test Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935614 Test Level: 19.299999237060547 Test Level UOM: m Test Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935617 Test Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935617 Test Level UOM: m Draw Down & Recovery Pest Duration: 2 Test Level UOM: m Draw Down & Recovery Pest Duration: 2 Test Level UOM: m Draw Down & Recovery Pest Duration: 2 Test Level UOM: m Draw Down & Recovery Test Level UOM: m Draw Down & Recovery Draw Down & Re)raw Down &	Recovery				
Test Type: Recovery Test Level: 40.0 Test Level: 40.0 Test Level UOM: m Para Down & Recovery Type: Recovery Test Duration: 60 Test Level: 32.09998474121094 Test Level: 32.09998474121094 Test Level: 32.09998474121094 Test Level: 32.099998474121094 Test Level: 1004935614 Test Level: 1004935614 Test Type: Draw Down Test Detail ID: 1004935614 Test Level: 19.299999237060547 Test Level UOM: m Paraw Down & Recovery Test Duration: 2 Test Level: 58.5 Test L		etail ID:	1004935635			
Test Level: 40.0 Test Level UOM: m Draw Down & Recovery 004935639 Test Detail ID: 1004935639 Test Dype: Recovery Test Duriton: 60 Test Level: 32.099998474121094 Test Level: 1004935614 Test Type: Draw Down Test Level: 19.299999237060547 Test Level: 1004935617 Test Duriton: 2 Test Level: 1004935617 Test Level: 1004935617 Test Level: 20 Test Level: 38.5 Test Level: 38.5 Test Level: 004935628 Test						
Test Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935639 Test Type: Recovery Test Duration: 60 Test Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935614 Test Duration: 1 Test Detail ID: 1004935614 Test Duration: 1 Pump Test Detail ID: 1004935614 Test Duration: 1 Pump Test Detail ID: 1004935617 Test Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935617 Test Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935617 Test Level UOM: m Draw Down & Recovery Evant Detail ID: 1004935617 Test Duration: 2 Evant Down & Recovery Evant Down Test Detail ID: 1004935628 Test Level UOM: m Draw Down Test Detail ID: 1004935628 Test Level UOM: m Draw Down Test Level UOM: m Draw Down Test Level UOM: m Draw Down Evant Down Test Detail ID: 1004935628 Test Level UOM: m Draw Down Test Detail ID: 1004935628 Test Level UOM: m Draw Down Test Detail ID: 1004935628 Test Level UOM: m Draw Down Test Detail ID: 1004935628 Test Level UOM: m Test Detail ID: 1004935628 Test Level UOM: m <		1:				
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Type: 1004935639 Yest Type: Recovery Yest Duration: 60 Yest Level: 32.099998474121094 Yest Level UOM: m Praw Down & Recovery Pump Test Detail ID: 1004935614 Yest Duration: 1 Yest Detail ID: 1004935617 Yest Level UOM: m Praw Down & Recovery 2 Yest Level: 58.5 Yest Level UOM: m Praw Down & Recovery 2 Yest Level UOM: m Praw Down & Recovery 2 Yest Level UOM: m Praw Down & Secovery 2 Yest Level UOM: m Praw Down & Secovery 2 Yest Level UOM: m<	est Level UC	DM:	m			
Type: Recovery est Duration: 60 est Level: 32.099998474121094 est Level UOM: m Traw Down & Recovery Duration: 1 est Type: Draw Down est Level: 19.299999237060547 est Level: 10.04935617 est Level: 2 est Type: Recovery est Level: 58.5 est Level: 58.5 est Level: 004935628 est Level: 004935628 est Level: 34.0 est Level: 34.0 est Level: 34.0 est Level: 000000 est Level: 000000	Draw Down &	Recovery				
Test Duration: 60 Pest Level: 32.099998474121094 Test Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935614 Test Level: Draw Down Test Level: Draw Down Test Duration: 1 Test Level: 19.299999237060547 Test Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935617 Test Level UOM: m Draw Down & Recovery Part Detail ID: 1004935617 Test Level UOM: m Draw Down & Recovery Test Level UOM: m Draw Down & Recovery Test Level UOM: m Draw Down & Recovery Part Detail ID: 1004935628 Test Level UOM: m Draw Down & Recovery Part Detail ID: 1004935628 Test Level UOM: m Draw Down Test Level UOM: Test Level UOM: m	Pump Test De	etail ID:	1004935639			
Fest Level: 32.099998474121094 Fest Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935614 Fest Type: Draw Down Fest Level: 19.299999237060547 Fest Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935617 Fest Type: Recovery Param Down & Recovery Param Down & Recovery Param Down & Recovery Fest Level: 55.5 Fest Level UOM: m Draw Down & Recovery Fest Level: 53.5 Fest Level UOM: m Draw Down & Recovery Fest Level: 53.5 Fest Level: 54.5 Fest Level: 54.5 Fest Level: 54.0 Fest Level: 34.0 Fest Level UOM: m	est Type:		Recovery			
Fest Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935614 Test Duration: 1 Test Level: 19.299999237060547 Test Level: 19.299999237060547 Test Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935617 Test Level: Recovery Fest Level: Recovery Test Level UOM: Recovery Pump Test Detail ID: 1004935617 Fest Level: S6.5 Test Level: S6.5 Test Level UOM: m Draw Down & Recovery Pump Test Detail ID: Pump Test Detail ID: 1004935628 Fest Level UOM: m Paration: 20 Fest Level: 34.0 Fest Level UOM: m Detail Lo: 004ex Nex 20100000):				
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Pump Test Detail ID: 1004935614 Test Duration: 1 Test Duration: 1 Test Level: 19.299999237060547 Test Level: 19.299999237060547 Test Level: 19.299999237060547 Test Level: 19.299999237060547 Test Level: 10.04935617 Test Detail ID: 1004935617 Test Duration: 2 Test Duration: 2 Test Level: 58.5 Test Level: 58.5 Test Level: 58.5 Test Level: m Draw Down & Recovery Param Down & Recovery Param Down & Recovery Param Down & Recovery Param Down Test Detail ID: 1004935628 Test Duration: 20 Test Level: 34.0 Test Level: 34.0 Test Level UOM: m	est Level UC	ОМ:	m			
Type: Draw Down Fest Duration: 1 Fest Level: 19.299999237060547 Fest Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935617 Fest Level: 2 Fest Level: 58.5 Fest Level: 58.5 Fest Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935628 Fest Level: 004935628 Fest Duration: 20 Pump Test Detail ID: 1004935628 Fest Duration: 20 Fest Level: 34.0 Fest Level UOM: m	Draw Down &	Recovery				
Fest Type: Draw Down Fest Duration: 1 Fest Level: 19.299999237060547 Fest Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935617 Fest Level UOM: Recovery Fest Duration: 2 Fest Level: 58.5 Fest Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935628 Fest Type: Draw Down Paraw Down & Recovery Pump Test Detail ID: 1004935628 Fest Type: Draw Down Fest Level: 34.0 Fest Level UOM: m	Pump Test De	etail ID:	1004935614			
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Draw Down & Recovery Pump Test Detail ID: 1004935617 Type: Recovery Test Type: Recovery Test Duration: 2 Test Level: 58.5 Test Level UOM: m Draw Down & Recovery 1004935628 Test Type: Draw Down Test Level: 34.0 Test Level UOM: m				47		
Pump Test Detail ID: 1004935617 Fest Type: Recovery Fest Duration: 2 Fest Level: 58.5 Fest Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935628 Fest Level: Draw Down Fest Level: 20 Fest Level: 34.0 Fest Level UOM: m	est Level UC	JM:	m			
Type: Recovery Test Duration: 2 Test Level: 58.5 Test Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935628 Test Duration: 20 Test Level: 34.0 Test Level UOM: m	Draw Down &	Recovery				
Type: Recovery Test Duration: 2 Test Level: 58.5 Test Level UOM: m Draw Down & Recovery Drump Test Detail ID: 1004935628 Test Level: 20 Test Level: 20 Test Level: 34.0 Test Level UOM: m	Pump Test De	etail ID:	1004935617			
Test Duration: 2 Test Level: 58.5 Test Level UOM: m Draw Down & Recovery Pump Test Detail ID: 1004935628 Test Duration: Draw Down Test Duration: 20 Test Level: 34.0 Test Level UOM: m	est Type:					
Test Level UOM: m Oraw Down & Recovery Oump Test Detail ID: 1004935628 Test Type: Draw Down Test Duration: 20 Test Level: 34.0 Test Level UOM: m	est Duration	n:	2			
Draw Down & Recovery Pump Test Detail ID: 1004935628 Test Type: Draw Down Test Duration: 20 Test Level: 34.0 Test Level UOM: m						
Pump Test Detail ID: 1004935628 Fest Type: Draw Down Fest Duration: 20 Fest Level: 34.0 Fest Level UOM: m	est Level UC	DM:	m			
iest Type: Draw Down iest Duration: 20 iest Level: 34.0 iest Level UOM: m)raw Down &	Recovery				
Test Type: Draw Down Test Duration: 20 Test Level: 34.0 Test Level UOM: m		etail ID:				
Test Level: 34.0 Test Level UOM: m originfo.com Environmental Disk laformation Services Order Nov 234034000						
est Level UOM: m		n:				
originfo.com Environmentel Dick Information Services						
erisinfo.com Environmental Risk Information Services	est Level UC	<i>JIVI.</i>	m			
erisipfo.com Environmental Risk Information Services						
	30	erisinfo.com Fr	vironmental Risk Info	rmation Service	s	Order No: 2210210022

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Draw Down	& Recovery				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1004935618 Draw Down 3 21.39999961853027 m	'3		
<u>Draw Down o</u>	<u>& Recovery</u>				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1004935619 Recovery 3 57.79999923706055 m	i		
<u>Draw Down o</u>	& Recovery				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1004935621 Recovery 4 57.29999923706055 m	i		
Draw Down	& Recovery				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1004935623 Recovery 5 56.59999847412109 m	14		
Draw Down	& Recovery				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1004935638 Draw Down 60 59.09999847412109 m	14		
<u>Draw Down o</u>	& Recovery				
Pump Test E Test Type: Test Duratio Test Level: Test Level U	n:	1004935624 Draw Down 10 27.20000076293945 m	3		
<u>Draw Down o</u>	<u>& Recovery</u>				
Pump Test E Test Type: Test Duratio Test Level: Test Level U	n:	1004935626 Draw Down 15 31.10000038146972 m	17		

Draw Down & Recovery

Pump Test Detail ID: Test Type:

1004935629 Recovery

Мар Кеу	Number o Records	of Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Test Duration Test Level: Test Level U(20 49.0999984741210 m	94			
Draw Down &	Recovery					
Pump Test D Test Type: Test Duration Test Level: Test Level U(1:	1004935636 Draw Down 50 55.5 m				
Water Details	i					
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	1004935610 : m				
<u>Hole Diamete</u>	<u>er</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	OM: r UOM:	1004935608 22.2299995422363 0.0 6.09999990463256 m cm				
<u>Hole Diamete</u>	<u>er</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete		1004935609 16.0 6.099999990463256 121.900001525878 m cm				
<u>Links</u>						
Bore Hole ID: Depth M: Year Comple Well Complet Audit No:	ted: ted Dt:	1004351631 121.9 2013 2013/04/25 Z157802		Tag No: Contractor: Path: Latitude: Longitude:	A137771 7508 720\7203207.pdf 45.2392506105517 -79.6638475468908	
<u>5</u>	1 of 1	NNW/580.0	225.0 / -39.96	lot 7 con 5 ON		WWIS
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m)	Date: atus: ial: lethod:	4801421 Domestic 0 Water Supply		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County:	1 13-Jul-1972 00:00:00 TRUE 2512 1 PARRY SOUND	

32

Order No: 22102100225

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		
Elevatn Reliabi Depth to Bedro Well Depth: Overburden/Be Pump Rate: Static Water Le Clear/Cloudy: Municipality:	ock: edrock:	HUMPHRY TOWNS	HIP	Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	007 05 CON	
Site Info: PDF URL (Map)):	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/480\4801421.pdf	
Additional Deta	ail(s) (Map)					
Well Completed Year Complete Depth (m): Latitude: Longitude: Path:		1972/06/08 1972 90.2208 45.2479941793312 -79.6602669121802 480\4801421.pdf				
Bore Hole Infor	rmation					
Improvement L Source Revisic Supplier Comn	d: 08-Jun- esc: ce Date: ocation Source: ocation Method: on Comment: nent:	1972 00:00:00	'M Rel Code 4: r	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: nargin of error : 30 m - 100 n	17 605134.90 5011373.00 4 margin of error : 30 m - 100 m p4 m	
Overburden an Materials Interv						
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top	Material:	932008781 2 GREY 21 GRANITE 7.0				
Formation End Formation End	Depth:	296.0 ft				
<u>Overburden an</u> Materials Interv						
Formation ID: Layer:		932008780 1				

DB

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc:		8 BLACK 03 MUCK			
Mat3: Mat3 Desc: Formation To Formation El Formation El		0.0 7.0 ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons	struction Code:	964801421 5 Air Percussion			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10856135 1			
<u>Constructior</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	eter: eter UOM:	930507134 1 STEEL 14.0 5.0 inch ft			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	eter: eter UOM:	930507135 2 4 OPEN HOLE 296.0 5.0 inch ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test IL Pump Set At Static Level: Final Level A Recommend Pumping Rate Flowing Rate	: fter Pumping: ed Pump Depth: te:	BAILER 994801421 1.0 1.0 35.0 50.0 8.0			

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Levels UOM:	i		ft				
Rate UOM:			GPM				
Water State		ode:	1				
Water State			CLEAR				
Pumping Tes			2				
Pumping Du			1				
Pumping Du	ration win:		0 No				
Flowing:			NO				
<u>Draw Down &</u>	<u>& Recovery</u>						
Pump Test D	etail ID:		934785865				
Test Type:			Recovery				
Test Duration	n:		45				
Test Level:	~~~		1.0				
Test Level U	OM:		ft				
Draw Down &	<u>& Recovery</u>						
Pump Test D	etail ID:		935040446				
Test Type:			Recovery				
Test Duration	n:		60				
Test Level:	<u></u>		1.0				
Test Level U	OM:		ft				
Draw Down &	<u>& Recovery</u>						
Pump Test D	etail ID:		934522785				
Test Type:			Recovery				
Test Duration	n:		30				
Test Level:	~~~		1.0				
Test Level U	OM:		ft				
<u>Draw Down 8</u>	<u>& Recovery</u>						
Pump Test D	etail ID:		934247962				
Test Type:			Recovery				
Test Duration	n:		15				
Test Level:			1.0				
Test Level U	OM:		ft				
Water Details	5						
Water ID:			933779777				
Layer:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found			294.0				
Water Found	Depth UON	1:	ft				
<u>Links</u>							
Bore Hole ID	:	1030756	5		Tag No:		
Depth M:		90.2208			Contractor:	2512	
Year Comple		1972			Path:	480\4801421.pdf	
Well Comple	ted Dt:	1972/06/	08		Latitude:	45.2479941793312	
Audit No:					Longitude:	-79.6602669121802	
<u>6</u>	1 of 1		WSW/687.1	259.6 / -5.45	lot 9 con 5		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m) Elevatin Relia Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Clear/Cloudy: Municipality: Site Info:	Domesti atus: Water Si ial: 229715 lethod: : bilty: rock: Bedrock: Level:	с	SHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 02-Mar-2001 00:00:00 TRUE 6986 1 PARRY SOUND 009 05 CON	

PDF URL (Map):

 $https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/480\4808740.pdf$

Additional Detail(s) (Map)

Well Completed Date:	2000/10/01
Year Completed:	2000
Depth (m):	97.536
Latitude:	45.2411620192803
Longitude:	-79.6671919712969
Path:	480\4808740.pdf

Bore Hole Information

DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	10314783 01-Oct-2000 00:00:00	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	17 604604.00 5010605.00 N83 3 margin of error : 10 - 30 m
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Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

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

Formation ID:	932028069
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	13
Mat2 Desc:	BOULDERS

Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:Overburden and Bedrock Materials IntervalFormation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat3 Desc: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth Formation ID: Layer: Color: General Color: Mat2: Mat2 Desc: Mat3Most Common Material: Mat2: Mat3 Desc: Formation End Depth: Formation End Depth: Formation End Depth UOM:Overburden and Bedrock Materials IntervalFormation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2: Mat3 Desc: Formation Top Depth: Formation End Depth UOM:	1.0 4.0 ft 932028068 1 6 BROWN 02 TOPSOIL 0.0 1.0 ft			
Formation Top Depth: Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat3: Mat3 Desc: Formation Top Depth: Formation Top Depth: Formation Top Depth: Formation Top Depth: Formation End Depth:	4.0 ft 932028068 1 6 BROWN 02 TOPSOIL 0.0 1.0 ft			
Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation Top Depth: Mat3 Desc: Formation Top Depth: Formation Top Depth: Formation Top Depth: Formation Top Depth: Formation End Depth:	4.0 ft 932028068 1 6 BROWN 02 TOPSOIL 0.0 1.0 ft			
Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat3 Desc: Mat3: Mat3 Desc: Mat3: Mat3 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation Top Depth: Formation Top Depth: Formation Top Depth: Formation End Depth: Formation End Depth: Formation Top Depth: Formation End Depth: Fo	932028068 1 6 BROWN 02 TOPSOIL 0.0 1.0 ft			
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2: Mat2: Mat2: Mat2: Mat2: Mat2: Mat2: Mat2: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2: Mat2: Mat3: Mat3: Mat3: Mat3: Mat3: Mat3: Mat3: Mat3: Formation Top Depth: Formation Top Depth: Formation End Depth:	1 6 BROWN 02 TOPSOIL 0.0 1.0 ft			
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	1 6 BROWN 02 TOPSOIL 0.0 1.0 ft			
Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	6 BROWN 02 TOPSOIL 0.0 1.0 ft			
General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	BROWN 02 TOPSOIL 0.0 1.0 ft			
Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth: Mat3 Desc: Formation End Depth: Formation End Depth: Mat3 Desc: Formation End Depth: Formation End Pathageneral Formation End Pathageneral Formation End Pathageneral Formation Formation End Pathageneral Formation End Pathageneral Formation End Pathageneral Formation End Pathageneral Formation Formatio	02 TOPSOIL 0.0 1.0 ft			
Most Common Material: Mat2: Mat2 Desc: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	TOPSOIL 0.0 1.0 ft			
Mat2: Mat2 Desc: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth: Mat3 Desc: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth: Mat3 Desc: Formation End Depth: Formation End Pathageneral Pat	0.0 1.0 ft			
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	1.0 ft			
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat2: Mat3 Desc: Formation Top Depth: Formation End Depth:	1.0 ft			
Formation Top Depth: Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	1.0 ft			
Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	1.0 ft			
Formation End Depth UOM: <u>Overburden and Bedrock</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	ft			
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	932028070			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	932028070			
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	932020070			
Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	3			
General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	8			
Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	BLACK			
Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	21			
Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	GRANITE			
<i>Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:</i>				
Mat3 Desc: Formation Top Depth: Formation End Depth:				
Formation Top Depth: Formation End Depth:				
Formation End Depth:	4.0			
	320.0			
·····	ft			
Annular Space/Abandonment Sealing Record				
Plug ID:	933169800			
Layer:	1			
Plug From:	0.0			
Plug To:	20.0			
Plug Depth UOM:	ft			
Method of Construction & Well Use				
Method Construction ID:	964808740			
Method Construction Code:	4 Determ (A:r)			
Method Construction: Other Method Construction:	Rotary (Air)			
Pipe Information				
Pipe ID:	10863353			
Casing No:	1			
Comment:	1			

Alt Name:

Construction Record - Casing

Casing ID:	930519583
Layer:	1
Material:	1
<i>Open Hole or Material: Depth From: Depth To:</i>	STEEL
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To:	930519584 2 4 OPEN HOLE
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID: Pump Set At:	PUMP 994808740
Static Level:	36.0
Final Level After Pumping:	040.0
Recommended Pump Depth:	240.0
Pumping Rate:	2.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933787877
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	
Water Found Depth UOM:	ft

<u>Links</u>

Bore Hole ID:	10314783	Tag No:	
Depth M:	97.536	Contractor:	6986
Year Completed:	2000	Path:	480\4808740.pdf
Well Completed Dt:	2000/10/01	Latitude:	45.2411620192803
Audit No:	229715	Longitude:	-79.6671919712969

Map Key	Number Record		Direction/ Distance (n	Elev/Diff n) (m)	Site		DI
<u>7</u>	1 of 1		E/807.0	231.0 / -34.00	11 MISTY MOREN D	R lot 6 con 4	www
Vell ID:	Derie	7045116			Flowing (Y/N):		
Constructior Ise 1st: Ise 2nd:	1 Date:	Domestic			Flow Rate: Data Entry Status: Data Src:		
Final Well St Vater Type:		Water Sup	oply		Date Received: Selected Flag: Abandonment Rec:	14-Jun-2007 00:00:00 TRUE	
Casing Mate Audit No: Tag:	nai.	Z66524 A055556			Contractor: Form Version:	6986 3	
Constructn I Elevation (m Elevatn Relia):				Owner: County: Lot:	PARRY SOUND	
Depth to Bed Vell Depth: Dverburden/ Pump Rate:	drock: /Bedrock:				Concession: Concession Name: Easting NAD83: Northing NAD83:	04	
Static Water Clear/Cloudy Municipality: Site Info:	/:		HUMPHRY TOV	VNSHIP	Zone: UTM Reliability:		
PDF URL (Ma	ap):		https://d2khazk8	e83rdv.cloudfront.net	/moe_mapping/downloads	/2Water/Wells_pdfs/704\7045116.pdf	
dditional D	etail(s) (Ma	<u>p)</u>					
Vell Comple Year Comple			2006/08/23 2006				
Depth (m): .atitude: .ongitude: Path:			93 45.24112598809 -79.6488068704 704\7045116.pd	779			
Sore Hole In	formation		·				
Bore Hole ID DP2BR:		11767486			Elevation: Elevrc:		
Spatial Statu Code OB: Code OB De					Zone: East83: North83:	17 606047.00 5010625.00	
Open Hole: Cluster Kind Date Comple		23-Aug-20	006 00:00:00		Org CS: UTMRC: UTMRC Desc:	UTM83 3 margin of error : 10 - 30 m	
Remarks: .oc Method : Elevrc Desc:			on Water Well R	ecord	Location Method:	wwr	
ocation Sou mprovemen mprovemen Source Revis Supplier Cor	t Location S t Location I sion Comm	Method:					
<u>Dverburden</u> Materials Inte		<u>:k</u>					
ormation IL ayer:):		933104990 1				
			8				

• •	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DI
Mat1: Most Common	Material:	21 GRANITE			
Mat2: Mat2 Desc: Mat3:					
Mat3 Desc:	Donth	0.0			
Formation Top Formation End		93.0			
Formation End		m			
<u>Annular Space/</u> Sealing Record					
Plug ID:		933321296			
Layer: Plug From:		1 0.0			
Plug To:		6.199999809265137			
Plug Depth UO	И:	m			
<u>Method of Cons</u> <u>Use</u>	struction & Well				
Method Constru	uction ID:	967045116			
Method Constru		4 Deterry (Air)			
Method Constru Other Method C		Rotary (Air)			
Pipe Informatio	<u>n</u>				
Pipe ID:		11775176			
Casing No: Comment: Alt Name:		1			
Construction R	ecord - Casing				
Casing ID:		930901125			
Layer: Motoriol:		2 4			
Material: Open Hole or M	laterial:	4 OPEN HOLE			
Depth From:		6.199999809265137			
Depth To:		93.0			
Casing Diamete Casing Diamete	er: er UOM·	cm			
Casing Depth U	IOM:	m			
Construction R	ecord - Casing				
Casing ID:		930901124			
Layer: Material:		1 1			
Open Hole or M	laterial:	STEEL			
Depth From:		0.0			
Depth To: Casing Diamoty	<i></i>	6.199999809265137			
Casing Diamete Casing Diamete		16.5 cm			
	IOM:				

Results of Well Yield Testing

Pumping Test Method Desc:

Мар Кеу	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pump Test ID Pump Set At: Static Level: Final Level A Recommende Pumping Rate Flowing Rate	fter Pumpi ed Pump D e: :	epth:	11779277 92.0 40.0 92.0 74.0 68.0				
Recommende Levels UOM: Rate UOM: Water State A Water State A Pumping Tes	After Test C After Test:		m LPM 1 CLEAR				
Pumping Dur Pumping Dur Flowing:	ation HR:		3 0				
Water Details							
Water ID: Layer: Kind Code: Kind:			934087102 1				
Water Found Water Found		И:	88.0 m				
Hole Diamete	r						
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete			11854271 27.0 0.0 6.19999980926513 m cm	37			
Hole Diamete	r						
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete			11854272 15.0 6.19999980926513 93.0 m cm	37			
<u>Links</u>							
Bore Hole ID: Depth M: Year Complet Well Complet Audit No:	ted:	11767486 93 2006 2006/08/2 Z66524			Tag No: Contractor: Path: Latitude: Longitude:	A055556 6986 704\7045116.pdf 45.2411259880977 -79.6488068704779	
<u>8</u>	1 of 1		ESE/869.8	226.0/-39.00	3 WINCHESTER DF ROSSEAU ON	RIVE	WWIS
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater	atus:	7351755 Domestic Water Su			Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec:	21-Jan-2020 00:00:00 TRUE	

	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Audit No:		Z327221			Contractor:	7160	
Tag:		A278838			Form Version:	7	
Constructn M	lethod:				Owner:		
Elevation (m)	:				County:	PARRY SOUND	
Elevatn Relia					Lot:		
Depth to Bed	•				Concession:		
Well Depth:					Concession Name:		
Overburden/E	Bedrock:				Easting NAD83:		
Pump Rate:					Northing NAD83:		
Static Water L	_evel:				Zone:		
Clear/Cloudy:					UTM Reliability:		
Municipality:			HUMPHRY TOWNS	HIP	.		
Site Info:							
PDF URL (Ma	p):		https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/downloads	s/2Water/Wells_pdfs/735\7351755.pdf	
Additional De	etail(s) (Map	2					
Well Complet			2019/10/01				
Year Complet	ted:		2019				
Depth (m):			56.388				
Latitude:			45.2398896528739				
Longitude: Path:			-79.6485431322251 735\7351755.pdf				
Bore Hole Infe	ormation						
Bore Hole ID:		10079310	004		Elevation:		
DP2BR:					Elevrc:		
Spatial Status	S:				Zone:	17	
Code OB:					East83:	606070.00	
Code OB Des	<i>c:</i>				North83:	5010488.00	
Open Hole:					Org CS:	UTM83	
Cluster Kind:		04 0-+ 00	10.00.00.00		UTMRC:	4	
Date Complet	ea:	01-001-20	019 00:00:00		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:			on Water Well Reco	rd	Location Method:	wwr	
Loc Method E Elevrc Desc:	Jesc:		on water well Reco	a			
Lievic Desc.	raa Data						
Improvement		ourco					
Improvement							
Source Revis							
	iment.						
Supplier Com Overburden a		<u>r</u>					
Supplier Com <u>Overburden a</u> Materials Inte	<u>rval</u>	<u>r</u>	10001000:-				
Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID:	<u>rval</u>	<u>.</u>	1008182016				
Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer:	<u>rval</u>	<u>.</u>	1				
Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color:	<u>rval</u>	<u>r</u>	1 6				
Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Coloo	<u>rval</u>	<u>r</u>	1 6 BROWN				
Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Layer: Color: General Color Mat1:	r <u>val</u> : r:	<u>(</u>	1 6 BROWN 11				
Supplier Com Overburden a Materials Inte Formation ID: Layer: Color: Color: General Color Mat1: Most Commo	r <u>val</u> : r:	<u>(</u>	1 6 BROWN				
Supplier Com Overburden a Materials Inte Formation ID: Layer: Color: Color: General Color Mat1: Most Commo Mat2:	r <u>val</u> : r:	<u>(</u>	1 6 BROWN 11				
Supplier Com Overburden a Materials Inte Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc:	r <u>val</u> : r:	<u>r</u>	1 6 BROWN 11				
Supplier Com Overburden a Materials Inte Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat2 Desc: Mat3:	r <u>val</u> : r:	<u>r</u>	1 6 BROWN 11				
Supplier Com Overburden a Materials Inte Formation ID: Layer: Color: General Colon Mat1: Most Commo Mat2: Mat2 Desc: Mat2 Desc: Mat3 Desc:	<u>rval</u> : r: n Material:	<u>r</u>	1 6 BROWN 11 GRAVEL				
Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To	<u>rval</u> r: n Material: p Depth:	<u>r</u>	1 6 BROWN 11 GRAVEL 0.0				
Supplier Com Overburden a Materials Inte Formation ID: Layer: Color: General Colon Mat1: Most Commo Mat2: Mat2 Desc: Mat2 Desc: Mat3 Desc:	<u>rval</u> r: n Material: p Depth: d Depth:	_	1 6 BROWN 11 GRAVEL				

Overburden and Bedrock

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Materials Inte	erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	r:	1008182017 2 GREY 21 GRANITE			
<i>Mat3 Desc:</i> Formation To Formation Er		4.0 185.0 ft			
<u>Annular Spac</u> Sealing Reco	<u>e/Abandonment</u> rd				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1008182348 1 0.0 20.0 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	truction Code:	1008182705 2 Rotary (Convent.)			
<u>Pipe Informat</u>	tion				
Pipe ID: Casing No: Comment: Alt Name:		1008181737 0			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	eter: eter UOM:	1008182814 1 STEEL -2.0 20.0 6.25 Inch ft			
Results of We	ell Yield Testing				
Pump Test ID Pump Set At: Static Level: Final Level A	fter Pumping: ed Pump Depth: e:	1008183129 80.0 40.0 47.5 80.0 5.0			

• •	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Levels UOM: Rate UOM: Water State Afte Water State Afte Pumping Test M Pumping Durati Pumping Durati Flowing:	er Test Code: er Test: lethod: on HR:	5.0 ft GPM 1 CLEAR 0 1 No			
<u>Draw Down & R</u>	ecovery				
Pump Test Deta Test Type: Test Duration: Test Level: Test Level UOM		1008183559 Recovery 25 40.0 ft			
Draw Down & R	ecovery				
Pump Test Deta Test Type: Test Duration: Test Level: Test Level UOM		1008183551 Recovery 1 47.5 ft			
<u>Draw Down & R</u>	<u>ecovery</u>				
Pump Test Deta Test Type: Test Duration: Test Level: Test Level UOM		1008183552 Recovery 2 46.0 ft			
<u>Draw Down & R</u>	ecovery				
Pump Test Deta Test Type: Test Duration: Test Level: Test Level UOM		1008183561 Recovery 40 40.0 ft			
Draw Down & R	<u>ecovery</u>				
Pump Test Deta Test Type: Test Duration: Test Level: Test Level UOM		1008183542 Draw Down 5 41.29999923706055 ft	5		
<u>Draw Down & R</u>	<u>ecovery</u>				
Pump Test Deta Test Type: Test Duration: Test Level: Test Level UOM		1008183549 Draw Down 50 46.5 ft			
<u>Draw Down & R</u>	<u>ecovery</u>				
44 <u>er</u>	i <u>sinfo.com</u> Env	vironmental Risk Info	rmation Service	25	Order No: 22102100225

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test D	Detail ID:	1008183550			
Test Type:		Draw Down			
Test Duratio	n:	60			
Test Level: Test Level U		47.5 ft			
Test Level U	Ом:	п			
<u>Draw Down a</u>	<u>& Recovery</u>				
Pump Test D	Detail ID:	1008183538			
Test Type:		Draw Down			
Test Duration Test Level:	n:	1 40.0			
Test Level U	OM-	40.0 ft			
	O <i>M</i> .				
<u>Draw Down a</u>	<u>& Recovery</u>				
Pump Test D	Detail ID:	1008183556			
Test Type:		Recovery			
Test Duration	n:	10 40.0			
Test Level: Test Level U	OM-	40.0 ft			
Test Level U	Ош.	π			
<u>Draw Down a</u>	& Recovery				
Pump Test D	Detail ID:	1008183560			
Test Type:		Recovery			
Test Duration	n:	30			
Test Level:		40.0			
Test Level U	OM:	ft			
<u>Draw Down a</u>	<u>& Recovery</u>				
Pump Test D	Detail ID:	1008183540			
Test Type:		Draw Down			
Test Duratio	n:	3			
Test Level:		40.5			
Test Level U	OM:	ft			
<u>Draw Down a</u>	& Recovery				
Pump Test D	Detail ID:	1008183547			
Test Type:		Draw Down			
Test Duratio	n:	30			
Test Level:		44.70000076293945	5		
Test Level U	OM:	ft			
<u>Draw Down a</u>	<u>& Recovery</u>				
Pump Test D	Detail ID:	1008183553			
Test Type:		Recovery			
Test Duratio	n:	3			
Test Level:		44.5			
Test Level U	OM:	ft			
<u>Draw Down a</u>	& Recovery				
Pump Test D	Detail ID.	1008183554			
Test Type:	cum ib.	Recovery			
Test Duration	n:	4			
Test Level:		43.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level U	OM:	ft			
<u>Draw Down a</u>	& Recovery				
Pump Test D	etail ID:	1008183562			
Test Type: Test Duration	n -	Recovery 50			
Test Level:	1.	40.0			
Test Level U	ОМ:	ft			
Draw Down a	& Recovery				
Pump Test D	etail ID:	1008183563			
Test Type: Test Duration	n.	Recovery 60			
Test Level:	1.	40.0			
Test Level U	ОМ:	ft			
<u>Draw Down a</u>	& Recovery				
Pump Test D	etail ID:	1008183541			
Test Type: Test Duration	n:	Draw Down 4			
Test Level:		41.0			
Test Level U	ОМ:	ft			
<u>Draw Down a</u>	& Recovery				
Pump Test D	etail ID:	1008183543			
Test Type: Test Duration	n.	Draw Down 10			
Test Level:	1.	42.0			
Test Level U	ОМ:	ft			
<u>Draw Down a</u>	<u>& Recovery</u>				
Pump Test D	etail ID:	1008183555			
Test Type:	_	Recovery			
Test Duration Test Level:	n:	5 41.0			
Test Level U	ОМ:	ft			
<u>Draw Down a</u>	& Recovery				
Pump Test D	etail ID:	1008183557			
Test Type:		Recovery			
Test Duration Test Level:	n:	15 40.0			
Test Level U	ОМ:	ft			
<u>Draw Down a</u>	& Recovery				
Pump Test D	etail ID:	1008183545			
Test Type:		Draw Down			
Test Duration Test Level:	11.	20 43.2999992370605	5		
Test Level U	ОМ:	ft	-		
<u>Draw Down a</u>	& Recovery				
	erisinfo.com I Er	vironmental Risk Info	rmation Service		Order No: 22102100225
46					Order 140. 22102100223

Test Level 24.0 Test Level 44.0 Test Level Vanon 4. Recovery Pump Test Detail ID: 1008183539 Test Type: Draw Down Test Devel Vanon Test Devel Vanon Test Devel Vanon Test Level Vanon Test Level UOM: t Draw Down & Recovery Vanon Pump Test Detail ID: 1008183544 Test Level UOM: t Test Level UOM: t Draw Down & Recovery Vanono Test Level UOM: t Test Level: 42.70000076293945 Test Level: 42.70000076293945 Test Level: 42.70000076293945 Test Level: Draw Down Test Level: 45.29999923706055 Test Level UOM: t Test Level UOM:	Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Dyse: Draw Down Test Level: 44.0 Test Level: 44.0 Test Level: 44.0 Test Level: 1008183539 Test Level: 1008183539 Test Level: 1008183539 Test Level: 1008183539 Test Level: 40.2999923706055 Test Level: 40.2999923706055 Test Level: 40.2007623945 Test Level: 1008183544 Test Dyraiton: 15 Test Level: 42.700007623945 Test Level: 100818358 Test Level: 100818358 Test Level: 43.2999923706055 Test Level: 49.0 Test Level: 49.0 Test Level: 49.0 Test Level: 49.0 Test Level: 40.0 <td>Pump Test D</td> <td>etail ID:</td> <td>1008183546</td> <td></td> <td></td> <td></td>	Pump Test D	etail ID:	1008183546			
Test Levei: 44.0 Test Levei: 1 Test Levei: 1 Prump Test Detail ID:: D08183539 Test Duration:: 2 Test Duration:: 40.2999923706065 Test Levei: 40.2999923706065 Test Levei: 40.2999923706065 Test Levei: 40.2999923706065 Test Levei: 40.2099023706065 Test Duration: 10818354 Test Duration: 15 Test Duration: 15 Test Duration: 15 Test Duration: 45 Test Duration: 45 Test Duration: 108183548 Test Prump Test Detail ID: 108183548 Test Levei: 45 Test Levei: 108183558 Test Levei: 40.0 Test Levei: 1008182595 Levei: 1 Marin Levei:	Test Type:		Draw Down			
Test Level UOM: I Draw Down & Recovery Down Test Detail ID: 108183538 Test Detail ID: Draw Down Test Detail ID: 0.29999023706055 Test Level OOM: I Draw Down & Recovery I Pump Test Detail ID: 1008183544 Test Level OOM: I Test Level OOM: ID	Test Duratio	n:				
Draw Down & Recovery Pump Test Detail ID: 1008183539 Test Type: Draw Down Test Duration: 2 Test Level: 42099923706055 Test Level: 42099923706055 Test Level: 1008183544 Test Level: Draw Down Test Level: 1008183544 Test Level: Draw Down Test Level: 0427000076233945 Test Level: 42.2000076233945 Test Level: 42.2000076239345 Test Level: 42.20099023706055 Test Level: 42.20999023706055 Test Level: 40.00 Test Level: 40.00 Test Level: 40.00 <tr< td=""><td>Test Level:</td><td></td><td></td><td></td><td></td><td></td></tr<>	Test Level:					
Pump Test Detail ID: 1008183539 Test Uravion: 2 Test Level: 40.29999923706055 Test Level: 40.29999923706055 Test Level: 40.29999923706076293945 Test Level: 008183544 Test Level: 42.70000076293945 Test Level: 45.29999923706055 Test Level: 45.299999923706055 Test Level: 45.299999923706055 Test Level: 40.0	Test Level U	OM:	ft			
Test Dyze: Draw Down Test Level: 40.29999923706055 Test Level: 40.29999923706055 Test Level: 40.29999923706055 Test Level: 1008183544 Test Type: Draw Down Test Level: 008183544 Test Type: Draw Down Test Level: 42.700007623945 Test Level: 40.0 Test Level: 40.9 Test Level: 40.0	<u>Draw Down a</u>	<u>& Recovery</u>				
Test Level 2 Test Level 40.2999923706055 Test Level 40.2999923706055 Test Level UOM: Test Devis Down & Recovery Pump Test Detail ID: 1008183544 Test Duration: 15 Test Duration: 15 Test Level 42.70000076233945 Test Level UOM: t Draw Down & Recovery Down Test Detail ID: Draw Down & Secovery Down Test Detail ID: Draw Down & Recovery Down Test Detail ID: Test Level UOM: t Test Level UOM: t Test Level UOM: t Test Level UOM: t Test Level: 40.0 Test Level UOM: t Test Level: 40.0 Test Level: 1008182558 Test Level: 40.0 Test Level: 40.0 Test Level: 10.0 Water Detail ID: 1008182558 Layer: 1 Water Detail ID: 100818256 <td>Pump Test D</td> <td>etail ID:</td> <td>1008183539</td> <td></td> <td></td> <td></td>	Pump Test D	etail ID:	1008183539			
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General Color:BLACHMat1:21Most Common Material:GRANMat2:26Mat2 Desc:ROCKMat3:Mat3 Desc:Formation Top Depth:8.0Formation End Depth:185.0Formation End Depth185.0Formation End Depth185.0Formation Ind Depth10084Layer:3Color:2General Color:GREYMat1:21Most Common Material:GRANMat2:26Mat2:26Mat3:GRANMat3:300.0Formation End Depth:185.0Formation Top Depth:185.0Formation End Depth:300.0Formation End Depth185.0Formation End Depth185.0Formation End Depth185.0Formation End Depth10084:Layer:1Plug ID:10084:Layer:1Plug From:0.0Plug From:0.0Plug To:20.0Plug Depth UOM:ftMethod of Construction & Well			
Mat1:21Most Common Material:GRANMat2:26Mat2 Desc:ROCKMat3:			
Most Common Material:GRAN Mat2:26Mat2 Desc:ROCKMat3Mat3 Desc:Formation Top Depth:8.0Formation End Depth:185.0Formation End Depth10084Layer:3Color:2General Color:GREYMat2:26Mat2:26Mat2:26Mat2:26Mat2:26Mat2:26Mat3:Mat2:Mat3:Besc:Formation Top Depth:185.0Formation Top Depth:185.0Formation End Depth185.0Formation End Depth:300.0Formation End Depth185.0Formation End Depth10084Layer:1Plug ID:10084Layer:1Plug ID:10084Layer:1Plug From:0.0Plug To:20.0Plug Depth UOM:ft			
Mat2:26Mat2 Desc:ROCKMat3:Mat3 Desc:Formation Top Depth:8.0Formation End Depth:185.0Formation End Depth UOM:ftOverburden and BedrockMaterials IntervalFormation ID:10084Layer:3Color:2General Color:GREYMat2:26Mat2:26Mat2:26Mat3:Mat2:Formation Top Depth:185.0Formation Top Depth:185.0Formation Top Depth:185.0Formation End Depth UOM:ftAnnular Space/AbandonmentSealing RecordPlug ID:10084Layer:1Plug From:0.0Plug To:20.0Plug Depth UOM:ft	F		
Mat2 Desc:ROCKMat3:Mat3Mat3 Desc:Formation Top Depth:8.0Formation End Depth:185.0Formation End Depth UOM:ftOverburden and Bedrock Materials Interval10084Layer:3Color:2General Color:GREYMat2:26Mat2:26Mat3:Mat2:Formation Top Depth:185.0Formation Top Depth:300.0Formation End Depth185.0Formation Top Depth:185.0Formation End Depth:300.0Formation End Depth:300.0Formation End Depth185.0Formation End Depth185.0Formation End Depth10084Layer:1Plug ID:10084Layer:1Plug From:0.0Plug From:0.0Plug From:0.0Plug Depth UOM:ftMethod of Construction & Well	-		
Mat3:Mat3 Desc:Formation Top Depth:8.0Formation End Depth:185.0Formation End Depth UOM:ftOverburden and Bedrock Materials IntervalFormation ID:10084Layer:3Color:2General Color:GREYMat2:26Mat2:26Mat2:26Mat3:Mat2:Formation Top Depth:185.0Formation Top Depth:185.0Formation End Depth:300.0Formation End Depth:300.0Formation End Depth UOM:ftAnnular Space/Abandonment Sealing Record10084Plug ID:10084Layer:1Plug From:0.0Plug From:20.0Plug Depth UOM:ft			
Mat3 Desc:8.0Formation Top Depth:185.0Formation End Depth185.0Formation End Depth UOM:ftOverburden and Bedrock Materials Interval10084:Formation ID:10084:Layer:3Color:2General Color:GREY Mat1:Most Common Material:GRAN Mat2:Mat2:26Mat3 Desc:ROCK Formation End Depth:Formation End Depth:185.0Formation End Depth:300.0Formation End Depth10084:Layer:1Plug ID:10084:Layer:1Plug From:0.0Plug To:20.0Plug Depth UOM:ftMethod of Construction & Well			
Formation Top Depth:8.0Formation End Depth:185.0Formation End Depth UOM:ftOverburden and Bedrock. Materials Interval10084:Formation ID:10084:Layer:3Color:2General Color:GREYMat1:21Most Common Material:GRANMat2:26Mat2 Desc:ROCKFormation Top Depth:185.0Formation End Depth:300.0Formation End Depth185.0Formation End Depth185.0Formation End Depth185.0Formation End Depth10084:Layer:1Plug ID:10084:Layer:1Plug From:0.0Plug To:20.0Plug Depth UOM:ftMethod of Construction & Well			
Formation End Depth:185.0Formation End Depth UOM:ftFormation End Depth UOM:ftOverburden and Bedrock. Materials Interval10084:Formation ID:10084:Layer:3Color:2General Color:GREYMat1:21Most Common Material:GRANMat2:26Mat2:26Mat3:Formation Top Depth:Series:Formation End Depth:Formation End Depth300.0Formation End Depth UOM:ftAnnular Space/Abandonment.Sealing RecordPlug ID:10084:Layer:1Plug From:0.0Plug To:20.0Plug Depth UOM:ft			
Formation End Depth UOM:ftOverburden and Bedrock Materials Interval10084'Formation ID:10084'Layer:3Color:2General Color:GREYMat1:21Most Common Material:GRANMat2:26Mat3:800.0Formation Top Depth:185.0Formation End Depth:300.0Formation End Depth10084'Layer:1Plug ID:10084'Layer:1Plug ID:20.0Plug From:0.0Plug From:0.0Plug Depth UOM:ft			
Materials IntervalFormation ID:10084'Layer:3Color:2General Color:GREYMat1:21Most Common Material:GRANMat2:26Mat2:26Mat3:Besc:Formation Top Depth:185.0Formation End Depth:300.0Formation End Depth UOM:ftAnnular Space/Abandonment.Sealing RecordPlug ID:10084'Layer:1Plug From:0.0Plug To:20.0Plug Depth UOM:ft			
Layer:3Color:2General Color:GREYMat1:21Most Common Material:GRANMat2:26Mat2:26Mat2:26Mat3:8Mat3:8Formation Top Depth:185.0Formation End Depth:300.0Formation End Depth185.0Formation End Depth100.0Formation End Depth UOM:ftAnnular Space/Abandonment10084Sealing Record10084Plug ID:10.0Plug From:0.0Plug To:20.0Plug Depth UOM:ft			
Color:2General Color:GREYMat1:21Most Common Material:GRANMat2:26Mat2:26Mat3:8Mat3:8Mat3:9Formation Top Depth:185.0Formation End Depth:300.0Formation End Depth10084Sealing Record10084Plug ID:10084Layer:1Plug From:0.0Plug To:20.0Plug Depth UOM:ft	0468		
General Color:GREYMat1:21Most Common Material:GRANMat2:26Mat2 Desc:ROCKMat3:3000Formation Top Depth:185.0Formation End Depth:300.0Formation End Depth:300.0Formation End Depth185.0Pormation End Depth:10084:Layer:1Plug ID:10084:Layer:1Plug From:0.0Plug To:20.0Plug Depth UOM:ft			
Mat1:21Most Common Material:GRANMat2:26Mat2:26Mat3:ROCKMat3:Besc:Formation Top Depth:185.0Formation End Depth:300.0Formation End Depth:300.0Formation End Depth10084:Layer:1Plug ID:10084:Layer:1Plug From:0.0Plug To:20.0Plug Depth UOM:ftMethod of Construction & Well			
Most Common Material:GRANMat2:26Mat2 Desc:ROCKMat3:Mat3 Desc:Formation Top Depth:185.0Formation End Depth:300.0Formation End DepthWOM:ftManular Space/AbandonmentSealing Record10084:Plug ID:10084:Layer:1Plug From:0.0Plug To:20.0Plug Depth UOM:ft			
Mat2:26Mat2 Desc:ROCKMat3:Mat3 Desc:Formation Top Depth:185.0Formation End Depth:300.0Formation End Depth UOM:ftAnnular Space/AbandonmentSealing RecordPlug ID:10084'Layer:1Plug From:0.0Plug To:20.0Plug Depth UOM:ft			
Mat2 Desc:ROCKMat3:Mat3:Mat3 Desc:Formation Top Depth:185.0Formation End Depth:300.0Formation End Depth UOM:ftAnnular Space/AbandonmentSealing RecordPlug ID:10084Layer:1Plug From:0.0Plug To:20.0Plug Depth UOM:ft	E		
Mat3: Mat3 Desc: Formation Top Depth: 185.0 Formation End Depth: 300.0 Formation End Depth: 300.0 Formation End Depth UOM: ft Annular Space/Abandonment Sealing Record Plug ID: 10084' Layer: 1 Plug From: 0.0 Plug To: 20.0 Plug Depth UOM: ft Method of Construction & Well Kell			
Mat3 Desc: 185.0 Formation Top Depth: 185.0 Formation End Depth: 300.0 Formation End Depth 00.0 Formation End Depth UOM: ft Annular Space/Abandonment 10084 Sealing Record 1 Plug ID: 10084 Layer: 1 Plug From: 0.0 Plug To: 20.0 Plug Depth UOM: ft			
Formation Top Depth:185.0Formation End Depth:300.0Formation End Depth UOM:ftAnnular Space/AbandonmentftSealing Record10084'Plug ID:10084'Layer:1Plug From:0.0Plug To:20.0Plug Depth UOM:ft			
Formation End Depth:300.0Formation End Depth UOM:ftAnnular Space/AbandonmentSealing RecordPlug ID:10084'Layer:1Plug From:0.0Plug To:20.0Plug Depth UOM:ft			
Formation End Depth UOM:ftAnnular Space/Abandonment Sealing Record10084'Plug ID:10084'Layer:1Plug From:0.0Plug To:20.0Plug Depth UOM:ft			
Sealing Record 10084 Plug ID: 1 Layer: 1 Plug From: 0.0 Plug To: 20.0 Plug Depth UOM: ft			
Plug ID: 10084' Layer: 1 Plug From: 0.0 Plug To: 20.0 Plug Depth UOM: ft Method of Construction & Well			
Layer: 1 Plug From: 0.0 Plug To: 20.0 Plug Depth UOM: ft	0501		
Plug From: 0.0 Plug To: 20.0 Plug Depth UOM: ft Method of Construction & Well			
Plug To: 20.0 Plug Depth UOM: ft Method of Construction & Well			
Plug Depth UOM: ft Method of Construction & Well			
<u>Use</u>			
Method Construction ID: 10084	0500		
Method Construction Code: 5			
Method Construction: Air Per Other Method Construction:	ussion		

Pipe Information

Pipe ID:	1008410464
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008410471
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0.0
Depth To:	20.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1008410472
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1008410465
Pump Set At:	250.0
Static Level:	18.5
Final Level After Pumping:	180.0
Recommended Pump Depth:	200.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	1008410474
Test Type:	Recovery
Test Duration:	1
Test Level:	173.8000030517578
Test Level UOM:	ft

Draw Down & Recovery

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test De Test Type: Test Duration Test Level: Test Level UC	:	1008410480 Recovery 4 155.1999969482422 ft			
<u>Draw Down &</u>	Recovery				
Pump Test De Test Type: Test Duration Test Level: Test Level UC	:	1008410489 Draw Down 25 88.19999694824219 ft			
<u>Draw Down &</u>	Recovery				
Pump Test De Test Type: Test Duration Test Level: Test Level UC	:	1008410497 Draw Down 60 168.6999969482422 ft			
Draw Down &	Recovery				
Pump Test De Test Type: Test Duration Test Level: Test Level UC	:	1008410498 Recovery 60 18.5 ft			
<u>Draw Down &</u>	Recovery				
Pump Test Do Test Type: Test Duration Test Level: Test Level UC	:	1008410483 Draw Down 10 53.70000076293945 ft			
Draw Down &	Recovery				
Pump Test De Test Type: Test Duration Test Level: Test Level UC	:	1008410494 Recovery 40 21.200000762939453 ft	3		
<u>Draw Down &</u>	Recovery				
Pump Test De Test Type: Test Duration Test Level: Test Level UC	r.	1008410495 Draw Down 50 145.6999969482422 ft			
Draw Down &	Recovery				

Pump Test Detail ID: Test Type: Test Duration:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	Ľ
Test Level: Test Level UC	DM:	34.0 ft			
Draw Down &	Recovery				
Pump Test De	etail ID:	1008410486			
Test Type:		Recovery			
Test Duration	n:	15			
Test Level:	~~~	101.0			
Test Level UC	JM:	ft			
Draw Down &	Recovery				
Pump Test D	etail ID:	1008410493			
Test Type:		Draw Down			
Test Duration Test Level:): 	40 122.6999969482421	0		
Test Level: Test Level UC	ОМ:	ft	9		
	D				
Draw Down &	-				
Pump Test De	etail ID:	1008410475 Draw Down			
Test Type: Test Duration	,.	2			
Test Level:		29.89999961853027	3		
Test Level UC	ОМ:	ft			
Draw Down &	Recovery				
Pump Test De	etail ID:	1008410481			
Test Type:		Draw Down			
Test Duration	n:	5			
Test Level:	~~~	42.20000076293945			
Test Level UC	DM:	ft			
Draw Down &	Recovery				
Pump Test D	etail ID:	1008410478			
Test Type:		Recovery			
Test Duration Test Level:	1:	3 161.3999938964843	8		
Test Level UC	OM:	ft			
Draw Down &	Recovery				
Pump Test De	etail ID:	1008410479			
Test Type:		Draw Down			
Test Duration	n:	4			
Test Level: Test Level U(о <i>м-</i>	38.09999847412109 ft	4		
		it.			
Draw Down &	Recovery				
Pump Test D	etail ID:	1008410482			
Test Type:		Recovery			
Test Duration Test Level:	n:	5 149.0			
I EST LEVEI!		149.0 ft			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Draw Down &	Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1008410485 Draw Down 15 65.19999694824219 ft			
Draw Down &	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1008410490 Recovery 25 53.0 ft			
Draw Down &	<u>Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1008410473 Draw Down 1 24.79999923706054 ft	7		
Draw Down &	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1008410487 Draw Down 20 76.69999694824219 ft			
Draw Down &	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1008410488 Recovery 20 77.0 ft			
Draw Down 8	<u>Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1008410476 Recovery 2 167.60000610351562 ft	2		
Draw Down &	<u>Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1008410484 Recovery 10 125.0 ft			

Draw Down & Recovery

Pump Test Detail ID: Test Type:

53

1008410491

Draw Down

Test Duration: Test Level: Test Level UOM <u>Draw Down & R</u> Pump Test Deta Test Type: Test Duration: Test Level: Test Level UOM <u>Draw Down & R</u>	<u>Recovery</u>		30 99.69999694824219 ft)			
Fest Level: Fest Level UON <u>Draw Down & R</u> Pump Test Deta Fest Type: Fest Duration: Fest Level: Fest Level UON	<u>Recovery</u>		99.69999694824219)			
Draw Down & R Pump Test Deta Fest Type: Fest Duration: Fest Level: Fest Level UOM	<u>Recovery</u>		ft				
Pump Test Deta Fest Type: Fest Duration: Fest Level: Fest Level UON	-						
Pump Test Deta Fest Type: Fest Duration: Fest Level: Fest Level UON	-						
Fest Type: Fest Duration: Fest Level: Fest Level UON	ail ID:						
Test Duration: Test Level: Test Level UON			1008410492				
Test Level: Test Level UON			Recovery				
Test Level UON			30				
			33.5				
Draw Down & R	1:		ft				
	Recovery						
Pump Test Deta	ail ID:		1008410496				
Test Type:			Recovery				
Test Duration:			50				
Test Level:			18.5				
Test Level UON	1:		ft				
Water Details							
Water ID:			1008410470				
Layer:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found De			300.0				
Water Found De		:	ft				
Hole Diameter							
Hole ID:			1008410469				
Diameter:			6.0				
Depth From:			0.0				
Depth To:			300.0				
Hole Depth UOI	М:		ft				
Hole Diameter (UOM:		inch				
<u>Links</u>							
Bore Hole ID:		10083652	252		Tag No:	A283144	
Depth M:		91.44			Contractor:	5224	
Year Completed		2020			Path:	736\7362576.pdf	
Well Completed	d Dt:	2020/06/2	22		Latitude:	45.2511141973354	
Audit No:		Z309705			Longitude:	-79.6584336430677	
<u>10</u> 1	of 1		SW/989.9	226.0 / -39.00	lot 9 con 4 ON		WW
Well ID:		4802987			Flowing (Y/N):		
Construction D	ate:				Flow Rate:		
Use 1st:		Domestic	;		Data Entry Status:		
Use 2nd:		0			Data Src:	1	
Final Well Statu	ıs:	Water Su	ipply		Date Received:	19-Oct-1979 00:00:00	
Water Type:					Selected Flag:	TRUE	
Casing Material	l:				Abandonment Rec:		
Audit No:					Contractor:	2550	
Tag:					Form Version:	1	
Constructn Met	thod:				Owner:		
Elevation (m):					County:	PARRY SOUND	
Elevatn Reliabil	lty:				Lot:	009	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		Ľ
Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Clear/Cloudy:	edrock: evel:			Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	04 CON	
<i>Municipality:</i> Site Info:		HUMPHRY TOWNS	SHIP			
PDF URL (Maj	o):	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/480\4802987.pdf	
Additional De	tail(s) (Map)					
Well Complete Year Complete Depth (m): Latitude: Longitude: Path:		1979/09/11 1979 79.248 45.2349932457197 -79.6646493154709 480\4802987.pdf				
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Desi Open Hole: Cluster Kind: Date Completi Remarks:	c:	983 9-1979 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: Location Method:	17 604814.90 5009923.00 5 margin of error : 100 m - 300 m p5	
mprovement	rce Date: Location Source: Location Method: ion Comment:	Original Pre1985 UT	「M Rel Code 5: r	nargin of error : 100 m - 300	•	
Overburden a Materials Intel						
Formation ID:		932012118				
Layer: Color:		1 6				
General Color	:	BROWN				
Mat1: Most Commoi	n Material:	11 GRAVEL				
Mat2:	, matoriali	13				
<i>Mat2 Desc:</i> <i>Mat3:</i>		BOULDERS 79				
Mat3 Desc:		PACKED				
Formation Top		0.0				
Formation En Formation En	d Depth: d Depth UOM:	14.0 ft				
Overburden a Materials Intel						
		932012119				
Formation ID.						
Formation ID: Layer: Color:		2 7				

	nber of ords	Direction/ Distance (m)	Elev/Diff (m)	Site	D
General Color:		RED			
Mat1:		21			
Most Common Mate	erial:	GRANITE 73			
Nat2: Nat2 Desc:		HARD			
Mat2 Desc. Mat3:		66			
Mat3 Desc:		DENSE			
Formation Top Dep	th:	14.0			
Formation End Dep	th:	260.0			
Formation End Dep	th UOM:	ft			
Method of Construc	ction & Well				
Method Constructio		964802987			
Method Construction		5			
Method Construction Other Method Cons		Air Percussion			
Pipe Information					
Pipe ID:		10857653			
Casing No:		1			
<i>Comment: Alt Name:</i>					
Construction Recor	rd - Casing				
Casing ID:		930509846			
.ayer:		2			
Material:		4			
Open Hole or Mater	ial:	OPEN HOLE			
Depth From:		260.0			
Depth To: Casing Diameter:		6.0			
Casing Diameter U	<i>∩M·</i>	inch			
Casing Depth UOM		ft			
Construction Recor	rd - Casing				
Casing ID:		930509845			
.ayer: Actoricle		1			
laterial:)pen Hole or Mater	iəl·	1 STEEL			
Depth From:	nal.	UILL			
Depth To:		16.0			
Casing Diameter:		6.0			
Casing Diameter UC		inch			
Casing Depth UOM	:	ft			
Results of Well Yiel	<u>d Testing</u>				
Pumping Test Meth	od Desc:	BAILER			
Pump Test ID: Pump Set At:		994802987			
Static Level:		40.0			
Final Level After Pu	impina:	182.0			
Recommended Pun		250.0			
Pumping Rate:		4.0			
Flowing Rate:	_				
Recommended Pun	np Rate:	3.0			
evels UOM:		ft			
		vironmental Risk Info	manation Comise		Order No: 2210210022

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Rate UOM: Water State / Water State /		ode:	GPM 1 CLEAR				
Pumping Tes			2				
Pumping Du	ration HR:		1				
Pumping Du	ration MIN:		0 No				
Flowing:			NO				
Draw Down a	<u>& Recovery</u>						
Pump Test D	Detail ID:		934516812				
Test Type:			Draw Down				
Test Duration Test Level:	n:		30 182.0				
Test Level U	ОМ:		ft				
Draw Down a	<u>& Recovery</u>						
Pump Test D	Detail ID:		935035098 Draw Down				
Test Type: Test Duration	n·		60				
Test Level:			182.0				
Test Level U	OM:		ft				
Draw Down a	<u>& Recovery</u>						
Pump Test D	Detail ID:		934251289				
Test Type:			Draw Down				
Test Duration Test Level:	n:		15 182.0				
Test Level U	ОМ:		ft				
<u>Draw Down a</u>	<u>& Recovery</u>						
Pump Test D	Detail ID:		934780436				
Test Type: Test Duration	. .		Draw Down 45				
Test Level:	n:		45 182.0				
Test Level U	ОМ:		ft				
Water Details	<u>s</u>						
Water ID:			933781543				
Layer: Kind Code:			1 1				
Kind Coae: Kind:			FRESH				
Water Found	I Depth:		258.0				
Water Found		1:	ft				
<u>Links</u>							
Bore Hole ID):	1030908	3		Tag No:		
Depth M:	to de	79.248			Contractor:	2550 (190) 1000007 m df	
Year Comple Well Comple		1979 1979/09/	11		Path: Latitude:	480\4802987.pdf 45.2349932457197	
Audit No:		1010/03/			Longitude:	-79.6646493154709	
					J	-	

Unplottable Summary

Total: 20 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
СА	Stormy Point	Par of Lot 5 and 6, Concession 4	Seguin ON	
LIMO	Bondi Village Landfill Bondi Village Limited Township of Lake of Bays	Lot 7 Muskoka	ON	
LIMO	Gibson Landfill The District Municipality of Muskoka Township of Georgian Bay	Lot 7 Muskoka	ON	
LIMO	Stephesons Ward Landfill The Corporation of the Town of Huntsville Town of	Hunstville Lot 8, Concession Muskoka	ON	
PRT	SUNGKIKANG	LOT 7 CON 6	ARMOUR TWP ON	
SPL	Hydro One Networks Inc	Con 6 Lot 6 Lount Township	Parry Sound ON	
SPL	ONTARIO HYDRO	LOT 7, CONC.X BAXTER TWP, REG. PLAN 43 PT OF LOT 9. TRANSFORMER	MUSKOKA D.M. ON	
SPL	ONTARIO HYDRO	MAPLEHURST ROAD (CONC. 5), LOT 6 TRANSFORMER	SEGUIN TOWNSHIP ON	
SPL	ONTARIO HYDRO	LOT 8 CONC 4 MOTOR VEHICLE (OPERATING FLUID)	SEGUIN TOWNSHIP ON	
SPL	ONTARIO HYDRO	LOT 5, CONC 5, HUMPHREY TWP, SUMMIT RD. TRANSFORMER	SEGUIN TOWNSHIP ON	
SPL	ONTARIO HYDRO SERVICES COMPANY	AT LOT 5, CONC. 6 TRANSFORMER	ARMOUR TWP. ON	
WWIS		lot 8	ON	
WWIS		lot 7	ON	
WWIS		lot 5	ON	
WWIS		lot 5	ON	
WWIS		lot 8	ON	
WWIS		lot 6	ON	

WWIS	lot 6	ON
WWIS	lot 7	ON
WWIS	lot 6	ON

Unplottable Report

<u>Site:</u> Stormy Point Par of Lot 5 and 6, Concession 4 Seguin ON



Certificate #: 7654-4ZLMM2 Application Year: 01 8/14/01 Issue Date: Approval Type: Municipal & Private sewage Status: Approved Application Type: New Certificate of Approval Client Name: Corporation of the Township of Seguin **Client Address:** 5 Humphrey Drive, R.R. #2 **Client City:** Seguin P2A 2W8 Client Postal Code: **Project Description:** Stormwater Management - Infiltration Trench Contaminants: **Emission Control:**

<u>Site:</u> Bondi Village Landfill Bondi Village Limited Township of Lake of Bays Lot 7 Muskoka ON

ECA/Instrument No: Operation Status: C of A Issue Date: C of A Issue Date: Lndfi Gas Mgmt (P): Lndfi Gas Mgmt (F): Lndfi Gas Mgmt (E): Lndfi Gas Mgmt Sys: Landfill Gas Mgmt Sys: Landfill Gas Mmtr: Leachate Coll Sys: ERC Est Vol (m3): ERC Volume Unit: ERC Dt Last Det: Landfill Type: Source File Type: Fill Rate: Fill Rate Unit: Tot Fill Area (ha): Tot Site Area (ha): Footprint: Tot Apprv Cap (m3): Contam Atten Zone: Grndwtr Mntr: Suif Wtr Mntr: Air Emis Monitor: Approved Waste Type: Client Site Name: ERC Methodology:	A510608 Closed
Site Name:	Bondi Village Landfill Bondi Village Limited Township of Lake of Bays
Site Location Details:	

Site Location Details: Service Area: Page URL:

Liners: Cover Material: Leachate Off-Site: Leachate On Site: Req Coll Lndfll Gas: Lndfll Gas Coll: Total Waste Rec: TWR Methodology: TWR Unit: Tot Aprv Cap Unit: Financial Assurance: Last Report Year: Region: District Office: Site County: Lot: Concession: Latitude: Longitude: Easting: Northing: UTM Zone: Data Source:

Natural Attenuation:

Database: LIMO

Site:	Gibson Landfill The District Municipality of Muskoka Township of Georgian Bay
	Lot 7 Muskoka ON

Database: LIMO

ECA/Instrument No: **Operation Status:** C of A Issue Date: C of A Issued to: Lndfl Gas Mgmt (P): Lndfl Gas Mgmt (F): Lndfl Gas Mgmt (E): Lndfl Gas Mgmt Sys: Landfill Gas Mntr: Leachate Coll Sys: ERC Est Vol (m3): ERC Volume Unit: ERC Dt Last Det: Landfill Type: Source File Type: Fill Rate: Fill Rate Unit: Tot Fill Area (ha): Tot Site Area (ha): Footprint: Tot Apprv Cap (m3): Contam Atten Zone: Grndwtr Mntr: Surf Wtr Mntr: Air Emis Monitor: Approved Waste Type: Client Site Name: ERC Methodology: Site Name:

Site Location Details: Service Area: Page URL: A510507 Closed Natural Attenuation: Liners: Cover Material: Leachate Off-Site: Leachate On Site: Req Coll Lndfll Gas: Lndfll Gas Coll: Total Waste Rec: TWR Methodology: TWR Unit: Tot Aprv Cap Unit: Financial Assurance: Last Report Year: Region: District Office: Site County: Lot: Concession: Latitude: Longitude: Easting: Northing: UTM Zone: Data Source:

Gibson Landfill The District Municipality of Muskoka Township of Georgian Bay

<u>Site:</u> Stephesons Ward Landfill The Corporation of the Town of Huntsville Town of Hunstville Lot 8, Concession Muskoka ON

A510403

Closed

ECA/Instrument No: **Operation Status:** C of A Issue Date: C of A Issued to: Lndfl Gas Mgmt (P): Lndfl Gas Mgmt (F): Lndfl Gas Mgmt (E): Lndfl Gas Mgmt Sys: Landfill Gas Mntr: Leachate Coll Sys: ERC Est Vol (m3): ERC Volume Unit: ERC Dt Last Det: Landfill Type: Source File Type: Fill Rate: Fill Rate Unit: Tot Fill Area (ha): Tot Site Area (ha): Footprint: Tot Apprv Cap (m3): Contam Atten Zone: Grndwtr Mntr: Surf Wtr Mntr: Air Emis Monitor: Approved Waste Type: Client Site Name: ERC Methodology: Site Name:

Natural Attenuation: Liners: Cover Material: Leachate Off-Site: Leachate On Site: Req Coll Lndfll Gas: Lndfll Gas Coll: Total Waste Rec: TWR Methodology: TWR Unit: Tot Aprv Cap Unit: Financial Assurance: Last Report Year: Region: **District Office:** Site County: Lot: Concession: Latitude: Longitude: Easting: Northing: UTM Zone: Data Source:

Stephesons Ward Landfill The Corporation of the Town of Huntsville Database:

Site Location Details: Service Area: Page URL:

Site: SUNGKIKANG LOT 7 CON 6 ARMOUR TWP ON

Location ID:	985
Type:	retail
Expiry Date:	1995-06-30
Capacity (L):	17598
Licence #:	0076364561

Site: Hydro One Networks Inc Con 6 Lot 6 Lount Township Parry Sound ON

Ref No: Site No: Incident Dt:	8138-8AG2HV	Discharger Report: Material Group: Health/Env Conseq:	
Year: Incident Cause:	Other Discharges	Client Type: Sector Type:	Transformer
Incident Event: Contaminant Code:	15	Agency Involved: Nearest Watercourse:	
Contaminant Name: Contaminant Limit 1:	TRANSFORMER OIL (N.O.S.)	Site Address: Site District Office:	
Contam Limit Freq 1: Contaminant UN No 1:		Site Postal Code: Site Region:	
Environment Impact:	Confirmed	Site Municipality:	
Nature of Impact: Receiving Medium:	Soil Contamination	Site Lot: Site Conc:	
Receiving Env: MOE Response:	No Field Response	Northing: Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt: Dt Document Closed:	10/21/2010 11/2/2010	Site Map Datum: SAC Action Class:	Land Spills
Incident Reason: Site Name:	Spill Pole Top Transfomer <unofficial></unofficial>	Source Type:	
Site County/District: Site Geo Ref Meth:			
Incident Summary: Contaminant Qty:	Ontario Hydto- 40 L non pcb, cln tomo 40 L	rrow	

Site: ONTARIO HYDRO LOT 7, CONC.X BAXTER TWP, REG. PLAN 43 PT OF LOT 9. TRANSFORMER MUSKOKA D.M. ON

Ref No:	10265	Discharger Report:
Site No:		Material Group:
Incident Dt:	10/8/1988	Health/Env Conseq:
Year:		Client Type:
Incident Cause:	COOLING SYSTEM LEAK	Sector Type:
Incident Event:		Agency Involved:
Contaminant Code:		Nearest Watercourse:
Contaminant Name:		Site Address:
Contaminant Limit 1:		Site District Office:
Contam Limit Freq 1:		Site Postal Code:
Contaminant UN No 1:		Site Region:
Environment Impact:		Site Municipality: 33000
Nature of Impact:		Site Lot:
Receiving Medium:	LAND	Site Conc:
Receiving Env:		Northing:
MOE Response:		Easting:
Dt MOE Arvl on Scn:		Site Geo Ref Accu:
MOE Reported Dt:	10/8/1988	Site Map Datum:
Dt Document Closed:		SAC Action Class:

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Database:

Database: SPL

Database: SPL

PRT

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

ONT. HYDRO -1 LITRE PCB TRANSFORMER OIL TO GROUND.

Site: ONTARIO HYDRO Database: SPL MAPLEHURST ROAD (CONC. 5), LOT 6 TRANSFORMER SEGUIN TOWNSHIP ON Ref No: 103711 Discharger Report: Site No: Material Group: Incident Dt: 8/8/1994 Health/Env Conseq: Year: Client Type: Incident Cause: COOLING SYSTEM LEAK Sector Type: Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address Site District Office: Contaminant Limit 1: Contam Limit Freq 1: Site Postal Code: Site Region: Contaminant UN No 1: Environment Impact: POSSIBLE Site Municipality: 86623 Nature of Impact: Soil contamination Site Lot: Receiving Medium: LAND Site Conc: **Receiving Env:** Northing: MOE Response: Easting: Dt MOE Arvl on Scn: Site Geo Ref Accu: 8/8/1994 MOE Reported Dt: Site Map Datum: Dt Document Closed: SAC Action Class: Incident Reason: OTHER Source Type: Site Name: Site County/District: Site Geo Ref Meth: ONTARIO HYDRO:68L <50 PPMPCB TRANSFORMER OIL TO GRAVEL ROAD: CLEANED UP Incident Summary: Contaminant Qty:

<u>Site:</u> ONTARIO HYDRO LOT 8 CONC 4 MOTOR VEHICLE (OPERATING FLUID) SEGUIN TOWNSHIP ON

Ref No: Discharger Report: 147901 Site No: Material Group: Incident Dt: 10/15/1997 Health/Env Conseq: Client Type: Year: Incident Cause: **PIPE/HOSE LEAK** Sector Type: Agency Involved: Incident Event: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Contaminant Limit 1: Site District Office: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region: Environment Impact: POSSIBLE Site Municipality: 86623 Nature of Impact: Soil contamination Site Lot: **Receiving Medium:** LAND Site Conc: Receiving Env: Northing: MOE Response: Easting: Dt MOE Arvl on Scn: Site Geo Ref Accu: MOE Reported Dt: 10/15/1997 Site Map Datum: Dt Document Closed: SAC Action Class: MATERIAL FAILURE Incident Reason: Source Type: Site Name: Site County/District: Site Geo Ref Meth: ONTARIO HYDRO - 10 L OF HYDRAULIC OIL TO ROAD FROM TREE FARMER: CLEANED Incident Summary:

Database:

SPL

Contaminant Qty:

ONTARIO HYDRO Site: LOT 5, CONC 5, HUMPHREY TWP, SUMMIT RD. TRANSFORMER SEGUIN TOWNSHIP ON

Ref No: Site No:	156449	Discharger Report: Material Group:	
Incident Dt: Year:	6/2/1998	Health/Env Conseq: Client Type:	
Incident Cause: Incident Event:	COOLING SYSTEM LEAK	Sector Type: Agency Involved:	
Contaminant Code: Contaminant Name:		Nearest Watercourse: Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1: Contaminant UN No 1:		Site Postal Code: Site Region:	
Environment Impact:	POSSIBLE Soil contomination	Site Municipality:	86623
Nature of Impact: Receiving Medium:	Soil contamination LAND	Site Lot: Site Conc:	
Receiving Env: MOE Response:		Northing: Easting:	
Dt MOE Arvl on Scn: MOE Reported Dt:	6/4/1998	Site Geo Ref Accu: Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason: Site Name:	STORM/FLOOD/WIND	Source Type:	
Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	ONTARIO HYDRO - 10L TRANSFC	RMER OIL TO GROUND, WI	IND STORM, CLEANED.

ONTARIO HYDRO SERVICES COMPANY Site: AT LOT 5, CONC. 6 TRANSFORMER ARMOUR TWP. ON

Ref No:	171061	Discharger Report:
Site No:		Material Group:
Incident Dt:	//	Health/Env Conseq:
Year:		Client Type:
Incident Cause:	COOLING SYSTEM LEAK	Sector Type:
Incident Event:		Agency Involved:
Contaminant Code:		Nearest Watercourse:
Contaminant Name:		Site Address:
Contaminant Limit 1:		Site District Office:
Contam Limit Freq 1:		Site Postal Code:
Contaminant UN No 1:		Site Region:
Environment Impact:	POSSIBLE	Site Municipality:
Nature of Impact:	Soil contamination	Site Lot:
Receiving Medium:	LAND	Site Conc:
Receiving Env:		Northing:
MOE Response:		Easting:
Dt MOE Arvl on Scn:		Site Geo Ref Accu:
MOE Reported Dt:	8/3/1999	Site Map Datum:
Dt Document Closed:		SAC Action Class:
Incident Reason:	STORM/FLOOD/WIND	Source Type:
Site Name:		
Site County/District:		
Site Geo Ref Meth:		

ONT. HYDRO - 15 LITRES OF OIL TO GROUND FROM TRANSFORMER HIT BY STORM.

86601

<u>Site:</u> lot 8 ON				Database: WWIS
Well ID: Construction Date:	4809597	Flowing (Y/N): Flow Rate:		
Use 1st:	Domestic	Data Entry Status:		
Use 2nd:		Data Src:	1	
Final Well Status:	Water Supply	Date Received:	12-Mar-2004 00:00:00	
Water Type:		Selected Flag:	TRUE	
originfo	com Environmental Dials Informatio		Order Na	. 22102100225

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Incident Summary: Contaminant Qty:



Casing Material:		Abandonment Rec:	
Audit No:	262063	Contractor:	6986
Tag:		Form Version:	2
Constructn Method:		Owner:	
Elevation (m):		County:	PARRY SOUND
Elevatn Reliabilty:		Lot:	008
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
<i>Municipality:</i> Site Info:	ROSSEAU VILLAGE		

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	11099263	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	17 9
Date Completed: Remarks:	28-Sep-2003 00:00:00	UTMRC Desc: Location Method:	unknown UTM
Loc Method Desc: Elevrc Desc:	Not Applicable i.e. no UTM	Location Method:	na
Location Source Date: Improvement Location Improvement Location			

Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932948376 1 6 BROWN 02 TOPSOIL
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 1.0 ft

Overburden and Bedrock Materials Interval

Formation ID:	932948377
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	932948378 3 8 BLACK 21 GRANITE
Formation Top Depth:	9.0
Formation End Depth:	210.0
Formation End Depth UOM:	ft

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

Plug ID:	933246680
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964809597
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	11102978
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930834862
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	210.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930834861
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From: Depth To:	20.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID: Pump Set At:	PUMP 994809597
Static Level:	36.0
Final Level After Pumping:	
Recommended Pump Depth:	200.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	934044549
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	185.0
Water Found Depth UOM:	ft

<u>Site:</u>

Well ID:

Use 1st: Use 2nd: Final Well Status:

Water Type: Casing Material:

Pump Rate: Static Water Level: Clear/Cloudy:

Municipality: Site Info:

Audit No: Tag:

lot 7 ON

Construction Date:

Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth:

Overburden/Bedrock:

4807482

Domestic

107865

Water Supply

Flowing (Y/N):	
Flow Rate:	
Data Entry Status:	
Data Src:	1
Date Received:	17-Oct-1996 00:00:00
Selected Flag:	TRUE
Abandonment Rec:	
Contractor:	3678
Form Version:	1
Owner:	
County:	PARRY SOUND
Lot:	007
Concession:	
Concession Name:	
Easting NAD83:	
Northing NAD83:	
Zone:	
UTM Reliability:	

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	10313525	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	17 9
Date Completed:	01-Sep-1996 00:00:00	UTMRC Desc:	unknown UTM
Remarks: Loc Method Desc: Elevrc Desc:	Not Applicable i.e. no UTM	Location Method:	na

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ROSSEAU VILLAGE

Order No: 22102100225

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

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932024943 2 6 BROWN 11 GRAVEL
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	62.0 63.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932024944 3 2 GREY 26 ROCK
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	63.0 65.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932024942 1 2 GREY 05 CLAY
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 62.0 ft

Method of Construction & Well <u>Use</u>

Method Construction ID: Method Construction Code:	964807482 4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10862095
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930517510
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	62 0
Depth To:	63.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID: Laver:	930517511 2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	65.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	994807482
Pump Set At:	
Static Level:	3.0
Final Level After Pumping:	8.0
Recommended Pump Depth:	
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	10
Pumping Duration MIN:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	935043770
Test Type:	Draw Down
Test Duration:	60
Test Level:	8.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934259515
Test Type:	Draw Down
Test Duration:	15
Test Level:	8.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934525850
Test Type:	Draw Down
Test Duration:	30
Test Level:	8.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934779440
Test Type:	Draw Down
Test Duration:	45
Test Level:	8.0
Test Level UOM:	ft

Water Details

Water ID:	933786471
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	63.0
Water Found Depth UOM:	ft

Site:

lot 5 ON

Well ID:	4806099	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	18-Dec-1990 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	81384	Contractor:	2550
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	PARRY SOUND
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality: Site Info:	HUMPHRY TOWNSHIP		

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc:	10312159	Elevation: Elevrc: Zone: East83: North83:	17
Open Hole: Cluster Kind: Date Completed:	23-Oct-1990 00:00:00	Org CS: UTMRC: UTMRC Desc:	9 unknown UTM
Remarks: Loc Method Desc: Elevrc Desc: Location Source Date:	Not Applicable i.e. no UTM	Location Method:	na

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

erisinfo.com | Environmental Risk Information Services

Database: WWIS

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932021017 2 GREY 21 GRANITE 73 HARD
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	2.0 105.0 ft

Overburden and Bedrock Materials Interval

Formation ID:	932021016
Layer:	1
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	66
Mat2 Desc:	DENSE
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 2.0 ft

Method of Construction & Well Use

Method Construction ID:	964806099
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10860729
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID: Layer: Material:	930515318 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	22.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID: Pump Set At:	PUMP 994806099
Static Level:	23.0
Final Level After Pumping:	50.0
Recommended Pump Depth:	95.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934530736
Test Type:	Draw Down
Test Duration:	30
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934256285
Test Type:	Draw Down
Test Duration:	15
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934785463
Test Type:	Draw Down
Test Duration:	45
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935048750
Test Type:	Draw Down
Test Duration:	60
Test Level:	50.0
Test Level UOM:	ft

Water Details

Water ID:	933784874
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100.0
Water Found Depth UOM:	ft

<u>Site:</u>

lot 5 ON

Well ID:	4805294	Flowing (Y/N):
Construction Date:		Flow Rate:
Use 1st:		Data Entry Status:

Database: WWIS

Use 2nd: Final Well Status: Water Type:	Abandoned-Supply	Data Src: Date Received: Selected Flag:	1 20-Jan-1989 00:00:00 TRUE
Casing Material:		Abandonment Rec:	
Audit No:	23447	Contractor:	1366
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	PARRY SOUND
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality: Site Info:	ROSSEAU VILLAGE		

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:	10311362 07-Feb-1988 00:00:00	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	17 9 unknown UTM
Remarks: Loc Method Desc: Elevrc Desc: Location Source Date:	Not Applicable i.e. no UTM	Location Method:	na

Overburden and Bedrock Materials Interval

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material:	932018792 2 GREY 21 GRANITE
Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	2.0 80.0 ft

Overburden and Bedrock

Materials Interval

EY ANITE

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Formation Top Depth: Formation End Depth: Formation End Depth UOM:	80.0 120.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2:	932018791 1 6 BROWN 02 TOPSOIL

Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock <u>al</u>

Material	s Int	terva

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932018794 4 2 GREY 21 GRANITE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	120.0 525.0 ft

Method of Construction & Well Use

Method Construction ID:	964805294
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	10859932
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

930513935
1
1
STEEL
20.0
6.0
inch
ft

Construction Record - Casing

Casing ID:	930513936
Layer:	2
Material:	5
Open Hole or Material:	PLASTIC
Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	525.0 6.0 inch ft

Site:

lot 8 ON

lot 8 ON			
Well ID:	4806340	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	15-Nov-1991 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	107817	Contractor:	3665
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	PARRY SOUND
Elevatn Reliabilty:		Lot:	008
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	HUMPHRY TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	10312400	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	17 9
Date Completed:	17-Sep-1991 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc: Elevrc Desc:	Not Applicable i.e. no UTM		

Source Revision Comment: Supplier Comment: <u>Overburden and Bedrock</u>

Materials Interval

Location Source Date: Improvement Location Source: Improvement Location Method:

Formation ID: 932021664 Layer: 2 Color: 2 GREY General Color: Mat1: 21 GRANITE Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:

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Database: WWIS

Formation Top Depth:	3.0
Formation End Depth:	345.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color:	932021663 1 6 BROWN
Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	13 BOULDERS 28 SAND
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 3.0 ft

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

Plug ID:	933169133
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964806340
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	,

Pipe Information

Pipe ID:	10860970
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

930515733
2
4
OPEN HOLE
345.0
6.0
inch
ft

Construction Record - Casing

Casing ID:	930515732
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From: Depth To:	20.0

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Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID: Pump Set At:	BAILER 994806340
Static Level:	20.0
Final Level After Pumping:	
Recommended Pump Depth:	335.0
Pumping Rate:	1.0
Flowing Rate:	
Recommended Pump Rate:	3.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934786042
Test Type:	Recovery
Test Duration:	45
Test Level:	307.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935049194
Test Type:	Recovery
Test Duration:	60
Test Level:	290.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934256732
Test Type:	Recovery
Test Duration:	15
Test Level:	333.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934531317
Test Type:	Recovery
Test Duration:	30
Test Level:	320.0
Test Level UOM:	ft

Water Details

Water ID:	933785139
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	
Water Found Depth UOM:	ft
•	ft

Database:	base:
WWIS	WIS

lot 6 ON			
Well ID: Construction Date:	4808576	Flowing (Y/N): Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	4
Use 2nd: Final Well Status:	Water Supply	Data Src: Date Received:	18-Sep-2000 00:00:00
Water Type: Casing Material:		Selected Flag: Abandonment Rec:	TRUE
Audit No:	221283	Contractor:	2550
Tag: Constructn Method:		Form Version: Owner:	1
Elevation (m): Elevatn Reliabilty:		County: Lot:	PARRY SOUND 006
Depth to Bedrock:		Concession:	
Well Depth: Overburden/Bedrock:		Concession Name: Easting NAD83:	
Pump Rate: Static Water Level:		Northing NAD83: Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality: Site Info:	HUMPHRY TOWNSHIP		

Bore Hole Information

Site:

Bore Hole ID: DP2BR:	10314619	Elevation: Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	01-Sep-2000 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			

Overburden and Bedrock Materials Interval

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

Formation ID: Layer:	932027661 2
Color:	2
General Color:	GREY
Mat1:	21
Most Common Material:	GRANITE
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	5.0
Formation End Depth:	220.0
Formation End Depth UOM:	ft

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

Formation ID:	932027660
Layer:	1
Color:	6
General Color:	BROWN

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Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	28 SAND 77 LOOSE
Formation Top Depth:	0.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933169725
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964808576
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	,

Pipe Information

Pipe ID:	10863189
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930519306
Layer:	1
Material:	1
Open Hole or Material: Depth From: Depth To:	STEEL
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	994808576
Pump Set At:	
Static Level:	100.0
Final Level After Pumping:	200.0
Recommended Pump Depth:	150.0
Pumping Rate:	30.0
Flowing Rate:	
Recommended Pump Rate:	15.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934781691
Test Type:	Draw Down
Test Duration:	45
Test Level:	200.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935046573
Test Type:	Draw Down
Test Duration:	60
Test Level:	200.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934261782
Test Type:	Draw Down
Test Duration:	15
Test Level:	200.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934527559
Test Type:	Draw Down
Test Duration:	30
Test Level:	200.0
Test Level UOM:	ft

Water Details

Water ID:	933787685
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	214.0
Water Found Depth UOM:	ft

Site:

Tag:

Elevation (m):

Well Depth:

Pump Rate:

Clear/Cloudy:

Municipality: Site Info:

Elevatn Reliabilty:

Depth to Bedrock:

Static Water Level:

Overburden/Bedrock:

Well ID:

lot 6 ON

4808348

Construction Date: Use 1st: Domestic Use 2nd: Final Well Status: Water Supply Water Type: Casing Material: Audit No: Constructn Method:

209150

Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: TRUE Selected Flag: Abandonment Rec: 2550 Contractor: Form Version: 1 Owner: County: Lot: 006 Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:

13-Oct-1999 00:00:00 PARRY SOUND

PARRY SOUND TOWN

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Database: WWIS

Bore Hole Information

Bore Hole ID:	10314391	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	24-Sep-1999 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			

Supplier Comment: Overburden and Bedrock

Overburden and Bedrock Materials Interval

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

Formation ID:	932027126
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	60.0
Formation End Depth:	123.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932027127
Layer:	3
Color:	2
General Color:	GREY
Mat1:	21
Most Common Material:	GRANITE
Mat2:	85
Mat2 Desc:	SOFT
Mat3: Mat3 Desc:	
Formation Top Depth:	123.0
Formation End Depth:	140.0
Formation End Depth UOM:	ft

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

Formation ID:	932027125
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	77
Mat2 Desc:	LOOSE
Mat3:	
Mat3 Desc:	

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Formation Top Depth:	0.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft
Annular Space/Abandonment	
<u>Sealing Record</u>	
Plug ID:	933169642
Layer:	1
Plug From:	0.0
Plug To:	125.0
Plug Depth UOM:	ft
Method of Construction & Well	
<u>Use</u>	
Method Construction ID:	964808348
Method Construction Code:	4
Method Construction: Other Method Construction:	Rotary (Air)
Other Method Construction.	
Pipe Information	
Pipe ID:	10862961
Casing No:	1
Comment:	
Alt Name:	
Construction Record - Casing	
Casing ID:	930518938
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	407.0
Depth To: Casing Diameter:	127.0 6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
0	
Results of Well Vield Testing	
Results of Well Yield Testing	
Pumping Test Method Desc:	PUMP
Pumping Test Method Desc: Pump Test ID:	PUMP 994808348
Pumping Test Method Desc: Pump Test ID: Pump Set At:	994808348
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level:	994808348 25.0
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level: Final Level After Pumping:	994808348
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth:	994808348 25.0 130.0
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate:	994808348 25.0 130.0 100.0 20.0
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate:	994808348 25.0 130.0 100.0 20.0 10.0
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM:	994808348 25.0 130.0 100.0 20.0 10.0 ft
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM:	994808348 25.0 130.0 100.0 20.0 10.0
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code:	994808348 25.0 130.0 100.0 20.0 10.0 ft
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test:	994808348 25.0 130.0 100.0 20.0 10.0 ft
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR:	994808348 25.0 130.0 100.0 20.0 10.0 ft GPM
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN:	994808348 25.0 130.0 100.0 20.0 10.0 ft GPM 1 4 30
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR:	994808348 25.0 130.0 100.0 20.0 10.0 ft GPM
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN:	994808348 25.0 130.0 100.0 20.0 10.0 ft GPM 1 4 30

Draw Down & Recovery

Pump Test Test Type:	Detail ID: 934261240	
Test Duratio	<i>n</i> : 15	
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Test Level:	130.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934527015
Test Type:	
Test Duration:	30
Test Level:	130.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935046005
Test Type:	
Test Duration:	60
Test Level:	130.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934781152
Test Type:	
Test Duration:	45
Test Level:	130.0
Test Level UOM:	ft

Water Details

Water ID:	933787435
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	135.0
Water Found Depth UOM:	ft

Site:

lot 7 ON

Well ID:	4808136	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	05-Mar-1999 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	178389	Contractor:	6986
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	PARRY SOUND
Elevatn Reliabilty:		Lot:	007
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	HUMPHRY TOWNSHIP	o nii Kenabiiity.	
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Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status:	10314179	Elevation: Elevrc: Zone:	17	
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Database: WWIS Code OB: Code OB Desc: **Open Hole:** Cluster Kind: 05-Sep-1998 00:00:00 Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Not Applicable i.e. no UTM

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932026641 1 6 BROWN 02 TOPSOIL
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 2.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932026642 2 GREY 21 GRANITE
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	2.0 300.0 ft

Annular Space/Abandonment Sealing Record

Plug ID:	933169547
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well <u>Use</u>

Method Construction ID: Method Construction Code:	964808136 4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

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East83: North83: Org CS: UTMRC: 9 UTMRC Desc: Location Method: na

unknown UTM

Pipe ID: Casing No: 10862749 1 Comment: Alt Name:

Construction Record - Casing

Casing ID:	930518575
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	300.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930518574
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID:	PUMP 994808136
Pump Set At:	
Static Level:	17.0
Final Level After Pumping:	
Recommended Pump Depth:	290.0
Pumping Rate:	3.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933787201
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	
Water Found Depth UOM:	ft

Site:

<u>Site:</u> lot 6 ON		Database: WWIS
Well ID:	4808135	Flowing (Y/N):
Construction Date:		Flow Rate:
Use 1st:	Domestic	Data Entry Status:
Use 2nd:		Data Src: 1

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Final Well Status: Water Type: Casing Material:	Water Supply	<i>Date Received:</i> Selected Flag: Abandonment Rec:	05-Mar-1999 00:00:00 TRUE
Audit No: Tag: Constructn Method:	176817	Contractor: Form Version: Owner:	6986 1
Elevation (m): Elevatn Reliabilty:		County: Lot:	PARRY SOUND 006
Depth to Bedrock: Well Depth: Overburden/Bedrock:		Concession: Concession Name: Easting NAD83:	
Pump Rate: Static Water Level: Clear/Cloudy:		Northing NAD83: Zone: UTM Reliability:	
Municipality: Site Info:	HUMPHRY TOWNSHIP	o na Kenabinty.	

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	10314178	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	17 9
Date Completed: Remarks:	01-May-1998 00:00:00	UTMRC Desc: Location Method:	unknown UTM na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Improvement Location			

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

Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932026639 3 6 BROWN 05 CLAY 85 SOFT
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	12.0 20.0 ft

Overburden and Bedrock Materials Interval

Formation ID:	932026640
Layer:	4
Color:	4
General Color:	GREEN
Mat1:	21
Most Common Material:	GRANITE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20.0

Formation End Depth: Formation End Depth UOM:	60.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932026637 1 6 BROWN 28 SAND
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 2.0 ft
<u>Overburden and Bedrock</u> Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932026638 2 6 BROWN 14 HARDPAN
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	2.0 12.0 ft
Annular Space/Abandonment Sealing Record	
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	933169546 1 0.0 10.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	964808135 4 Rotary (Air)
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10862748 1
Construction Record - Casing	
Casing ID:	930518573

 Casing ID: Layer:
 930518573 2

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 Order No: 22102100225

Material:	
Open Hole or Material:	
Depth From:	
Depth To:	60.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

930518572 1 1
STEEL
25.0
5.0
inch
ft

Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID: Pump Set At:	PUMP 994808135
Static Level:	6.0
Final Level After Pumping:	
Recommended Pump Depth:	40.0
Pumping Rate:	18.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933787200
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58.0
Water Found Depth UOM:	ft

Order No: 22102100225

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 Nov 2021

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-Mar 2022

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:

Borehole:

90

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

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

Government Publication Date: 1999-May 31, 2022

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW. Government Publication Date: 1875-Jul 2018

Provincial

Provincial

Provincial

Private

Provincial

ANDR

AST

BORE

Certificates of Approval:

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

Dry Cleaning Facilities:

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.

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).

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors:

Government Publication Date: 1985-Oct 30, 2011*

Government Publication Date: Jan 2004-Dec 2020

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.

Chemical Register:

Government Publication Date: 1999-May 31, 2022

Compressed Natural Gas Stations: 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 -Sep 2022

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-Jun 2022

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

Government Publication Date: 1994 - Sep 30, 2022

Compliance and Convictions:

Certificates of Property Use:

91

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial

CA

CDRY

CFOT

Federal

Provincial

CHEM

CHM

CNG

CONV

Private

Provincial

Private

Private

COAL

Provincial

Provincial

CPU

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

Delisted Fuel Tanks:

Environmental Activity and Sector Registry:

Government Publication Date: Feb 28, 2022

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

regulatory agency under Access to Public Information.

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- Aug 31, 2022

Environmental Registry:

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 - Sep 30, 2022

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

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

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

Government Publication Date: Oct 2011- Aug 31, 2022

Environmental Effects Monitoring:

ERIS Historical Searches:

92

Environmental Compliance Approval:

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-Jul 31, 2022

Environmental Issues Inventory System:

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed. Government Publication Date: 1992-2001*

Provincial

Provincial List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the

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

Provincial

Provincial

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

DRI

DTNK

EASR

EBR

FCA

EEM

EHS

FIIS

erisinfo.com | Environmental Risk Information Services

Emergency Management Historical Event:

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

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

List of Expired Fuels Safety Facilities:

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, 2021

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Contaminated Sites on Federal Land:

Federal Convictions:

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

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 2022

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

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

Government Publication Date: Feb 28, 2022

Fuel Storage Tank:

93

Provincial

FMHF

EPAR

EXP

Provincial

Provincial

Federal

Federal

Federal

Federal

Provincial

FST

FCON

FCS

FOFT

FRST

Order No: 22102100225

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-Apr 30, 2022

Government Publication Date: 2013-Dec 2019

Greenhouse Gas Emissions from Large Facilities:

TSSA Historic Incidents:

dioxide equivalents (kt CO2 eq).

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

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

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario:

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

Government Publication Date: Mar 21, 2022

Canadian Mine Locations:

94

MINE This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database. Government Publication Date: 1998-2009*

Provincial

Provincial

Federal

Provincial

HINC

Federal

Provincial

Provincial

Private

GEN

GHG

INC

LIMO

Mineral Occurrences:

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

Government Publication Date: 1846-Feb 2022

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*

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

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.

Government Publication Date: Dec 31, 2020

National Defense & Canadian Forces Fuel Tanks:

DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database. Government Publication Date: Up to May 2001*

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

National Defense & Canadian Forces Spills:

under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered. Government Publication Date: Mar 1999-Apr 2018

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status. Government Publication Date: 2001-Apr 2007*

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

National Energy Board Pipeline Incidents:

Government Publication Date: 2008-Jun 30, 2021

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

National Defence & Canadian Forces Waste Disposal Sites:

National Energy Board Wells:

95

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

Government Publication Date: 1920-Feb 2003*

Provincial

MNR

NATE

NDFT

NDSP

NDWD

NFBI

NEBP

Federal

Provincial

Federal

Federal

Federal

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

Federal

Federal

National Environmental Emergencies System (NEES):

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

Government Publication Date: 1974-2003*

National PCB Inventory:

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. Government Publication Date: 1993-May 2017

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

drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All

Government Publication Date: 1988-Aug 31, 2022

Ontario Oil and Gas Wells:

Oil and Gas Wells:

geology/stratigraphy table information, plus all water table information is also provide for each well record. Government Publication Date: 1800-Aug 2021

Inventory of PCB Storage Sites: 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.

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include Orders on the registry such as (EPA s. 17) - Order for

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

Orders:

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 - Sep 30, 2022

Canadian Pulp and Paper:

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

Federal

NPRI

OGWF

Provincial

Provincial

Federal

Federal

NFFS

NPCB

Federal

Private

Provincial

OOGW In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells

ORD

PAP

PCFT

Private



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- Aug 31, 2022

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: Feb 28, 2021

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 PTTW's on the registry such as OWRA s. 34 - Permit to take water. Government Publication Date: 1994 - Sep 30, 2022

Ontario Regulation 347 Waste Receivers Summary: REC Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data. Government Publication Date: 1986-1990, 1992-2019

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-Sep 2022

Retail Fuel Storage Tanks:

Scott's Manufacturing Directory:

Record of Site Condition:

or propane storage tanks. Government Publication Date: 1999-May 31, 2022

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

Government Publication Date: 1988-Sep 2020; Dec 2020-Mar 2021

Provincial

PES

PINC

PRT

PTTW

Provincial

Provincial

Provincial

Provincial

Provincial

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

Private

Provincial

RSC

RST

SCT

97

Order No: 22102100225

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

Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2020

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

Government Publication Date: 1915-1953*

Anderson's Storage Tanks:

Transport Canada Fuel Storage Tanks:

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type. Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks:

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

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

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

Government Publication Date: Oct 2011- Aug 31, 2022

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

erisinfo.com | Environmental Risk Information Services

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

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: Jun 30 2022

Provincial

Private

Federal

Provincial

Provincial

Provincial

Provincial

WWIS

TANK

TCFT

VAR

WDS

WDSH

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.

EXP Services Inc. Phase I Environmental Site Assessment Proposed Rosseau Springs Residential Development, Rosseau, Ontario Project Number: SUD-22025423-A0_rev.1 Date: December 5, 2022 19

Appendix E - Regulatory Documents

*exp.

Regulatory Framework

PROVINCIAL STATUTES

Technical Standards and Safety Act, 2000

Fuel Oil Regulation 213/01

The applicable sections of the Fuel Oil Code include installation requirements for underground storage tanks (USTs), all pressure testing, and abandonment of tanks if connected to an ignition source (past or present). Also described is the requirement for contaminated soil removal, if this is identified while tank removal is being undertaken.

Liquid Fuels Regulation 217/01

Outlines the requirements for installation, protection, containment and abandonment of above-ground storage tanks (ASTs) and USTs. Also outlines the requirement for cleanup of any soil surrounding the tank which may be contaminated.

Occupational Health and Safety Act, 1990

Regulation respecting Asbestos, Ontario Regulation 837/90, (as amended by Ontario Regulation 509/92); and Regulation respecting Asbestos on Construction Projects and in Buildings and Repair Operations, Ontario Regulation 838/90, (as amended by Ontario Regulation 510/92)

Regulation 837/90 (formerly 570/82) is primarily concerned with the mining of asbestos and its use in industrial processes. However, if an asbestos management program was developed under this regulation prior to the filing of Regulation 838 (formerly 654) (December 16, 1985), this regulation still applies to building owners.

Regulation 838/90 was developed to address friable asbestos-containing material. A friable material is one that can be crumbled, pulverized, or powdered by hand pressure when dry. It has the potential for asbestos to become airborne. Materials of concern include insulation used on pipe, boilers, or sprayed on roofs. These applications have been banned by the regulations. Automotive and elevator system brake pads are examples of other asbestos materials that may become friable.

Regulation 838/90 requires that a management program be established in buildings where friable asbestos is known to be present. This program includes training of workers who may disturb the materials containing asbestos. The program must also include a program of inspection and maintenance of the materials. This regulation is designed to prevent worker exposure to airborne asbestos fibers.

Although asbestos is not considered a hazardous waste, Regulation 347, made under the Ontario Environmental Protection Act, does define specific requirements for the disposal of materials containing friable asbestos at landfills. These requirements include notification of the landfill site, labeling and containment of the material.

Bill 208

Bill 208, an Act to amend the Occupational Health and Safety Act and the Workers Compensation Act, requires the building owner to report to contractors and subcontractors any "Designated Substances" present, especially before any construction work is undertaken on the owner's building/property. The Designated Substances, identifying hazardous materials which are subject to Ontario Ministry of Labour regulations, include the following:

Acrylonitrile	Arsenic	Asbestos
Benzene	Coke Oven Emissions	Ethylene Oxide
Isocyanates	Lead	Mercury
Silica	Vinyl Chloride	

Although PCB is not a designated substance, the building is required to be surveyed for its identification as required under O.R. 362.

Ontario Environmental Protection Act, 1990

Key Regulations

Ontario Regulation 101/94 - Recycling and composting of municipal waste Ontario Regulation 102/94 - Waste Audits and Waste Reduction Work Plans Ontario Regulation 103/94 - Industrial, Commercial and Institutional Source Separation Programs Ontario Regulation 104/94 - Packaging Audits and Packaging Reduction Work Plans Ontario Regulation 105/94 - Amendments to Ontario Reg. 347 to accommodate recyclable materials

Air Pollution - General, RSO 1990, Regulation 346

Controls the certification of air discharges to the Environment. Further outlines contaminants and quantities which may be discharged through air emissions. Requires all air emissions to have a Certificate of Approval (C of A) with few exceptions. The C of A must be gained prior to installation of the air discharge vent or aperture.

General Waste Management, RSO 1990, Regulation 347

Formerly known as Regulation 309, RSO 1980, this regulation outlines the registration and disposal requirements for generators of hazardous and liquid industrial waste. The regulation requires that all waste identified in any of the associated schedules be given a generator number which applies to the site, and may not be transferred.

PCB Waste Management - RSO 1990, Regulation 362

Formerly known as Ontario Regulation 11/82, this regulation details the management of PCB waste. Also defines what is considered PCB waste and the requirements for storage.

Ozone Depleting Substances - General, Regulation 356/90, (as amended by Ontario Regulation 851/93; and Ontario Regulation 189/94, Refrigerants).

Regulation 356/90 is concerned with the use of ozone depleting substances in the making of pressurized containers, flexible foams and rigid insulation foams. It restricts the amounts of ozone depleting substances used to make these products over a period of time.

Ontario Regulation 189/94 is concerned with the discharge of a refrigerant into the natural environment, the use and disposal of refrigeration equipment, the sale of refrigerant, the use and disposal of refrigerant containers and the certification in use of refrigerants and refrigeration equipment.

Spills, Regulation 360/90-Part X RSO 1990. This regulation defines a spill, outlines compensation procedures, and give exemption to the regulation. The spill may be broadly termed an event or release which may cause, or is likely to cause, adverse effects on human health or the natural environment.

Ontario Water Resources Act

The Act governs surface water bodies and ground water. The MOE Reasonable Use Policy 15-08 and Notice 3/87 incorporate this Act and are used to determine suitable levels for discharges to specific receiving bodies.

Ontario Regulation 903 well Abandonment to protect groundwater quality.

Municipal Statutes

Ontario Ministry of Environmental Model and Municipal Sewer Use By-Laws

Each Municipality has its own version of both sanitary and storm sewer use regulations. However, under the Municipal Industrial Strategy for Abatement (MISA), a Model Sewer Use By-Law has been developed. The vast majority of municipalities have adopted the values and parameters outlined by the MISA Model. In general, the MISA Model is an important comparison as a Municipality will generally be working towards this as a discharge goal.

The City of Toronto has approved a new By-law for discharge to storm and sanitary sewers that includes a significant test of parameters. Testing requirements are based on the current and historical knowledge at the site.

FEDERAL STATUTES

Canadian Environmental Protection Act:

In general, a more broadly based guideline which outlines objectives of environmental protection. CEPA is much more goal oriented than Provincial or Municipal regulations, which are more directed at quantitative discharge limits. Although Provincial and Municipal regulations are generally more comprehensive and stricter, CEPA must be complied within all cases.

Chlorobiphenyls Regulation, SOR/91-152, February 1991.

Extract from Canada Gazette, Part II, Department of the Environment. This regulation outlines prohibition, quantities which may be released, and defined PCB as a waste.

Storage of PCB Material Regulation (SOR/92-507)

This regulation defines PCBs, outlines access to site, storage requirements, maintenance and inspection and record keeping requirements. This regulation is outlined in Ontario by Provincial PCB regulation (O.R. 362) with comparable enforceable requirements and effect.

Atomic Energy Control Act

Exposure to radioactive materials is regulated by the Atomic Energy Control Board. Exposure to radon is regulated by Health and Welfare Canada.

Other Guidelines

Canada Mortgage and Housing Corporation (CMHC) Mortgage Insurance

Policy for managing environmental risks, June 1993, from Canada Mortgage and Housing Corporation (CMHC).

CMHC identifies requirements for environmental site assessments to be conducted for all mortgage insurance applications or potential claims involving more than six housing units.

Canadian Standards Association (CSA)

CSA Standard Z-768 Phase I Environmental Site Assessment.

The Canadian Standards Association prepared a comprehensive document (Z-768) to provide standard reporting formats for documenting information necessary to assess environmental liability on a property.

Canadian Council for Ministries of the Environment (CCME)

Criteria used by CMHC to define soil and groundwater contamination, where provinces or territories do not have such criteria defined for residential/parkland use.

Guideline for use at contaminated Sites in Ontario - Revised 1997, 1998

Provides criteria to define soil and groundwater contamination at sites to various land and groundwater uses.

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Legal Notification

This report was prepared by EXP Services Inc. for the account of Rosseau Springs Limited

Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. EXP Services Inc. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this project.

