FINAL

Terrain Assessment for In-ground Wastewater Disposal

1315, 1329, 1357 County Road 7
Prince Edward County, Ontario

Prepared for:

2520082 Ontario Inc., o/a The Reach Development
240 Chrislea Road, #125
Woodbridge, ON L4L 8V1

April 17, 2026

Pinchin File: 366864.000

Issued To:	**2520082 Ontario Inc., o/a The Reach Development**
Issued On:	**April 17, 2026**
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Senior Technical Manager

TABLE OF CONTENTS

APPENDICES

FIGURES

1.0 INTRODUCTION

Pinchin Ltd. (Pinchin) was retained through an Authorization to Proceed, signed by a representative of 2520082 Ontario Inc., o/a The Reach Development (Client), to conduct a Terrain Assessment for In-ground Wastewater Disposal at the property located at Civic addresses 1315, 1329, and 1357 County Road 7, Prince Edward County, Ontario (hereafter referred to as the Site). The Site location is shown on Figure 1 and Figure 2 (all figures are provided in Appendix I).

The purpose of the Terrain Assessment for In-ground Wastewater Disposal was to assess Site specific overburden characteristics as they pertain to in-ground wastewater disposal for a proposed resort development. The results and recommendations of the assessment are supplied as response to Technical Review comments supplied by the municipality.

1.1 Background

The Client is proposing to develop a resort located on the south shore of Adolphus Reach, in the Township of North Marysburgh in the County of Prince Edward, on the north side of County Road 7. The property is bounded by existing dwellings along County Road 7 to the east and west, agricultural lands and residential dwellings to the south, and Adolphus Reach (Lake Ontario) to the north. The Site includes Civic addresses 1315, 1329, and 1357 County Road 7.

The proposed development will require communal servicing as municipal services (sewer and water) are not present in the area. Earlier work assessed that there was insufficient groundwater to supply the proposed development and that a water taking from Lake Ontario was the suitable option. Both in-ground wastewater disposal and treated discharge to Lake Ontario were identified as potential feasible servicing options. The Municipality requested further details regarding this aspect.

1.2 Site Setting

The Site is located on the north side of County Road 7. The property is bounded by existing dwellings along County Road 7 to the east and west, agricultural lands and residential dwellings to the south, and Adolphus Reach (Lake Ontario) to the north.

The Site is located within the Prince Edward Peninsula physiographic region, characterized by a gently undulating limestone plain extending into Lake Ontario. The landform exhibits typical drumlinized topography with northeast-southwest trending ridges reflecting ice flow direction during the Late Wisconsinan glaciation. Following deglaciation approximately 13,000 years ago, the region was submerged beneath glacial Lake Iroquois and subsequently lower lake phases. Post-glacial isostatic rebound, and lake level fluctuations have exposed successive shoreline features and influenced modern

drainage patterns. Surficial materials consist primarily of glacial till overlying Paleozoic limestone bedrock, with till thickness typically ranging from less than 1 to10 metres (m). The till is characterized as a silty clay to clay loam matrix containing limestone fragments and occasional Precambrian erratics. Localized areas of glaciolacustrine deposits occur in topographic depressions, representing sediments deposited during high lake phases. Soils are predominantly well-drained to imperfectly drained members of the Hillier and Consecon soil series, developed on calcareous glacial till. These clay loam to clay textured soils exhibit good natural fertility due to the calcareous parent material and support diverse agricultural activities. Soil drainage may be locally impeded by the clay-rich subsoil and shallow bedrock (The Physiography of Southern Ontario. L.J. Chapman and D.F. Putnam (1984)).

1.3 Site Geologic Setting

The Ontario Geological Survey classifies the bedrock underlying the Study Area as consisting of Middle Ordovician limestone of the Lindsay Formation. This formation is usually massive to well-bedded with thin shale partings. There may be a transition at the shoreline to limestone of the Verulam Formation which would make the approximate thickness of the Lindsay Formation to be on the order of 47 meters (m) in this area.

2.0 SCOPE OF WORK

2.1 Test Pitting

Pinchin retained Dedicated Environmental Services Inc. (Dedicated) to complete test pitting as part of the Terrain Assessment portion of this project. Using a mini-excavator, seven (7) test pits were excavated to assess depth to bedrock, soil character and saturation conditions. The locations of the test pits and boreholes are shown on Figure 2. Pinchin staff logged the soil stratigraphy, recorded depth to bedrock, and collected representative samples. A selection of samples that characterized the soils encountered across the Site were submitted to Malroz Engineering Inc. Laboratory (Malroz Laboratory) for grain size analysis and percolation (T-time) estimates. Malroz Laboratory is a certified laboratory with the Canadian Council of Independent Laboratories.

2.2 QA/QC Protocols

Various quality assurance/quality control (QA/QC) protocols were followed to ensure that representative groundwater samples were obtained, and that representative analytical data were reported by the laboratory.

Field QA/QC protocols that were employed by Pinchin included soil samples being placed in single use, sealable sampling bags which were placed in a cooler, using dedicated and disposable nitrile gloves for

sample collection; and sample collection and handling procedures being performed in general accordance with the *MECP Sampling Guideline*, the *APGO Guideline* and Pinchin's SOPs for soil sampling.

2.3 Site Suitability for In-Ground Wastewater Disposal

On February 19, 2026, seven (7) test pits were excavated across the Site to investigate the suitability of the Site for in-ground wastewater disposal. Test pits were excavated by a contractor using a Kubota min-excavator and examined by Pinchin staff who logged the soil stratigraphy, recorded depth to bedrock, and collected representative samples. The stratigraphy of the test pits is summarized in Table 1.

Table 1: Summary of Test Pit Observations.

Test Pit ID	Coordinates		Interval (mbgs)	Description	Grain Size Analysis
	Easting	Northing			
TP-1	339630	4878049	0 - 0.33	Topsoil and roots. Dark Brown.	
			0.33 - 0.47	Silty Sand. Red.	
			0.47 - 0.76	Sand with organics with Gravel. Dark Brown.	YES
			0.76	Bedrock. Limestone. Dry	
TP-2	339651	4878073	0 - 0.36	Topsoil and roots. Dark Brown.	
			0.36 - 0.66	Gravel with Brown Sand and Organics.	
			0.66	Bedrock. Limestone. Dry	
TP-3	339687	4878090	0 - 0.25	Topsoil and roots. Brown.	
			0.25 - 0.53	Gravel with Brown Sand and Organics.	YES
			0.53	Bedrock. Limestone. Dry.	
TP-4	339730	4878105	0 - 0.25	Topsoil and roots. Brown.	
			0.25 - 0.71	Gravel with Brown Sand and Organics &Trace Silt.	
			0.71	Bedrock. Limestone. Dry.	
TP-5	339765	4878096	0 - 0.20	Topsoil and roots. Brown.	
			0.20 - 0.76	Gravel with Sily Sand. Brown/Light Brown.	YES
			0.76	Bedrock. Limestone. Dry.	
TP-6	339711	4878065	0 - 0.25	Topsoil and roots. Dark Brown.	
			0.25 - 0.69	Sand with Gravel. Red/Brown.	YES
			0.69	Bedrock. Limestone. Dry.	
TP-7	339655	4878033	0 - 0.18	Topsoil and roots. Brown.	
			0.18 - 0.33	Sand with Trace Gravel. Brown/Red. Wet.	
			0.33	Bedrock. Limestone. Dry.	

Based on the observations made on the seven (7) test pits, the overburden can be described as shallow with the overburden thickness ranging from 0.33 m to 0.76 m and an average thickness of 0.63 m. Based on the overburden thickness the Site is classified as Hydrogeologically Sensitive. The overburden is a brown silty sand with gravel to gravel with sand. The overburden was loose and damp with the exception of wet conditions noted in TP-7. Groundwater was not encountered in any of the test pits.

Samples from TP-1, TP-3, TP-5, and TP-6 were submitted to Malroz Engineering Inc. Laboratory (Malroz Laboratory) for grain size analysis and percolation (T-time) estimates. Results of the grain size analysis are included as in Appendix II and summarized in Table 2 below:

Table 2: Summary of grain size analysis results.

Test Pit ID	Gravel (%)	Sand (%)	Silt (%)	Clay (%)	Estimated T-Time (mins/cm)
TP-1	64	12	15	8	4 - 12
TP-3	76	14	7	3	4 - 12
TP-5	80	9	7	4	4 - 12
TP-6	12	58	22	8	8-20

For Class IV systems, the Ontario Building Code (OBC) requires a minimum of 900 mm (0.900 m) separation from the base of the gravel layer of the bed to the bedrock (or saturated overburden conditions). This thickness requirement of natural overburden is not present at the Site, and a raised bed type installation would be required.

If a leaching bed is determined to be the preferred wastewater treatment option then specific design criteria such as potentially the use of a “clay seal” of imported clay material placed over the loading area and characteristics of imported sand fill for a “mantle” are beyond the scope of this investigation and would be the responsibility of the system designer and subject to approval as part of the approvals process with the Ministry of Environment, Conservation and Parks (MECP) for the Environmental Compliance Approval (ECA) under Section 53 of the Ontario Water Resources Act (OWRA). It is anticipated that, at minimum, nitrate/nitrite (and possibly phosphorous) treatment would be required to a tertiary level prior to effluent discharge.

Based on the estimated T-time derived from the analysis of soils from the test pits and assuming a loading rate of 10 litres per square metre per day, corresponding to soil with a T-time of <20, and a daily design flow of 55 cubic metres per day (as calculated by Forefront Engineering), a total area of approximately 5,500 square metres will need to be set aside for the leaching bed. Based on the existing conceptual design of the proposed development there is sufficient space for a bed of this size in the area where the test pits were excavated.

2.4 Assessment of Potential for Groundwater Impact by on-Site Sewage System

Developments will normally be considered as low risk where it can be demonstrated that sewage effluent is hydrogeologically isolated from existing or potential supply aquifer(s). As noted in previous sections, the Site does not meet the criteria of being classified as not hydrogeologically sensitive based on relatively thin overburden cover. The average overburden thickness at the Site as determined from well drilling and test pitting investigations was 0.63 m. Generally, a minimum of 2.0 m of low permeability overburden is required for a site to be not hydrogeologically sensitive. The overburden at the Site does not provide isolation of the potable water aquifer(s) from any potential impact by an on-Site sewage system.

The MECP Water Well Records data base was queried for water wells within 500 m of the property boundary and twenty-five well records were identified. One well record was for shallow test wells and not related to potential potable supply. Nineteen of the wells were drilled and four (4) were dug/blasted. Overburden thickness ranged from 0.3 m to 15.2 m with an average of 2.0 m. The depth at which the well driller identified first water found was highly variable and ranged from 1.52 m to 63.4 m. Seven of the well records indicated that the well was dry or had insufficient supply to be deemed usable. One well was abandoned because of poor water quality. Recommended pumping rates ranged from “low – requiring a trickle system” to as high as 99 Lpm. Ignoring these outliers, the generally reported recommended pumping rate was in the range suitable for singly family dwelling type domestic supply.

The review of available water well records reflect the variable nature of the depth to useable water bearing units and the potential presence of poor water quality or insufficient yield. The data from the water well records for wells within approximately 500 m of the Site property boundary are summarized in Table 3.

Potable water supply wells are present in the shallow bedrock and even within thicker overburden (where present). The potable aquifer is not sufficiently isolated from near surface sources of potential contamination such as wastewater infiltration beds. The ECA process will take this into consideration in selection of the discharge criteria for the treatment system.

Table 3: Summary of Water Well Record Information for Wells Located within approximately 500 m of the Site property Boundary.

Well Record I.D.	Well Tag Number	Audit Number	Well Type	Well Depth (m)	Overburden Thickness (m)	Unit(s) Well Completed In	Recommended Pumping rate (LPM)	Date of Completion (mm-dd-yyyy)	Water Found at (mbgs)	Static Water Level (mbgs)	Height Water Rises (m)	Comment
5301534	N/A	N/A	Drilled	10.7	1.52	Limestone	22.7	08/14/1962	5.49	1.22	4.27	
5301535	N/A	N/A	Drilled	18.3	1.52	Limestone	DRY	08/22/1956	DRY	-	-	
5301536	N/A	N/A	Drilled	15.8	1.22	Limestone	45.5	06/13/1957	9.14	3.05	6.09	
5301537	N/A	N/A	Drilled	16.8	1.52	Limestone	13.6	10/18/1962	15.24	11.58	3.66	
5301538	N/A	N/A	Drilled	18.3	1.22	Limestone	DRY	08/24/1967	DRY	-	-	
5302262	N/A	N/A	Drilled	11.3	1.22	Limestone	27.3	12/16/1970	11.23	1.52	9.71	
5302451	N/A	N/A	Drilled	10.7	1.83	Limestone	27.3	05/04/1972	9.75	0.61	9.14	
5302465	N/A	N/A	Drilled	22.9	1.52	Limestone	DRY	06/20/1972	DRY	-	-	
5302525	N/A	N/A	Drilled	28.3	1.52	Limestone	DRY	05/20/1972	DRY	-	-	
5302566	N/A	N/A	Drilled	66.8	2.74	Limestone	22.7	10/27/1972	63.40	30.18	33.22	
5302567	N/A	N/A	Drilled	39.6	1.83	Limestone	22.7	09/16/1972	36.88	7.92	28.96	
5304129	N/A	N/A	Drilled	30.5	1.52	Limestone	DRY	10/08/1981	DRY	-	-	
5306372	N/A	167565	Drilled	9.1	0.91	Limestone	LOW	06/30/1997	3.35	1.22	2.13	Drip system recommendation
5307301	A001088	Z01178	Drilled	6.0	1.00	Limestone	12.0	07/22/2004	5.0	4.0	1.0	
5307323	A008404	Z16313	Drilled	56.7	0.30	Limestone	ABANDONED	07/15/2004	22.7	-	-	Abandoned - Poor quality
7105414	A070832	Z61529	Drilled	25.9	15.20	Limestone	4.0	05/10/2005	18.3	4.77	13.5	
7197700	A125105	Z141637	DUG	4.3	4.30	Overburden	13.6	02/12/2013	1.52	1.62	-0.1	
7313346	A207360	Z251227	Drilled	18.3	0.30	Limestone	DRY	01/27/2018	DRY	-	-	
7349252	A195994	Z318637	DUG	6.5	0.30	Limestone	99.0	12/06/2019	4.0	2.92	1.1	
7395282	A207360	Z355464	Drilled	N/A	NA	NA	ABANDONED	08/21/2021	DRY	-	-	Abandoned - Insufficient supply
7403648	A306142	C54275	Drilled	N/A	NA	NA	NA	10/07/2021	NA	NA	NA	Test Wells
7415265	A000063	Z381161	DUG	5.64	0.31	Limestone	45.5	03/29/2022	1.83	1.96	-0.1	
7415266	A334382	Z381160	DUG	5.49	1.22	Limestone	45.5	03/29/2022	3.05	0.38	2.7	
7420981	A332010	Z378710	Drilled	43.3	0.91	Limestone	31.8	06/01/2022	23.8	6.6	17.2	
7431035	A352524	C59275	NA	N/A	NA	NA	NA	09/16/2022	NA	NA	NA	

2.5 Conclusions and Recommendations

It is Pinchin's professional opinion that:

1. No municipal servicing for potable water and wastewater is available for the proposed development.
2. The Site is considered hydrogeologically sensitive due to thin soil cover.
3. There is adequate space for Class IV raised leaching bed for the flows calculated for the proposed development. The approximate size of a raised leaching bed would be on the order of 5,500 m^2.
4. The wastewater treatment system will require and ECA from the MECP because it will exceed 10,000 L per day capacity.
5. It can be expected that the wastewater will require tertiary treatment to meet reasonable use guidelines and to meet effluent discharge criteria which will be provided by the MECP on a Site-specific basis. It is anticipated that nutrients will be the parameters of most concern.
6. If a leaching bed is determined to be the preferred wastewater treatment option, then design requirements of the raised bed would be determined as part of the ECA application process.

3.0 TERMS AND LIMITATIONS

This Terrain Assessment for In-ground Wastewater Disposal was performed for 2520082 Ontario Inc., o/a The Reach Development as response to comments from the municipality on the Client's initial application.

Conclusions derived are specific to the immediate area of study and cannot be extrapolated extensively away from a sample location. Samples have been analyzed grain size analysis by sieve and hydrometer.

No environmental assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions on a property. Performance of this Terrain Assessment for In-ground Wastewater Disposal is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions on the Site.

This Terrain Assessment for In-ground Wastewater Disposal was performed in general compliance with currently acceptable practices for environmental site investigations, and specific Client requests, as applicable to this Site.

This report was prepared for the exclusive use of the Client, subject to the terms, conditions and limitations contained within the duly authorized proposal for this project. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted.

If additional parties require reliance on this report, written authorization from Pinchin will be required. Pinchin disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

No other warranties are implied or expressed. Furthermore, this report should not be construed as legal advice. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law.

Pinchin makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation, and these interpretations may change over time.

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Template: Master Report for Remedial Excavation, EDR, July 22, 2024

APPENDIX I
Figures

PINCHIN

PROJECT NAME:	TERRAIN ASSESSMENT FOR IN-GROUND WASTEWATER DISPOSAL
CLIENT NAME:	2520082 ONTARIO INC., O/A THE REACH DEVELOPMENT
PROJECT LOCATION:	C1315, 1329, 1357 COUNTY ROAD 7, PRINCE EDWARD, ONTARIO
FIGURE NAME:	KEY MAP
FIGURE NUMBER	1

PROJECT NUMBER:	SCALE:	DRAWN BY:	REVIEWED BY:	DATE:
366864	AS SHOWN	CF	PT	APRIL 2026

N

LEGEND

TEST PIT

SITE BOUNDARY

NOTES:
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3) Legend is color dependent. Non-colour copies may alter interpretation.
4) Coordinate system: NAD 1983 CSRS UTM Zone 18N.
5) Source: Pinchin Ltd., © OpenStreetMap (and) contributors, CC-BY-SA.

PINCHIN

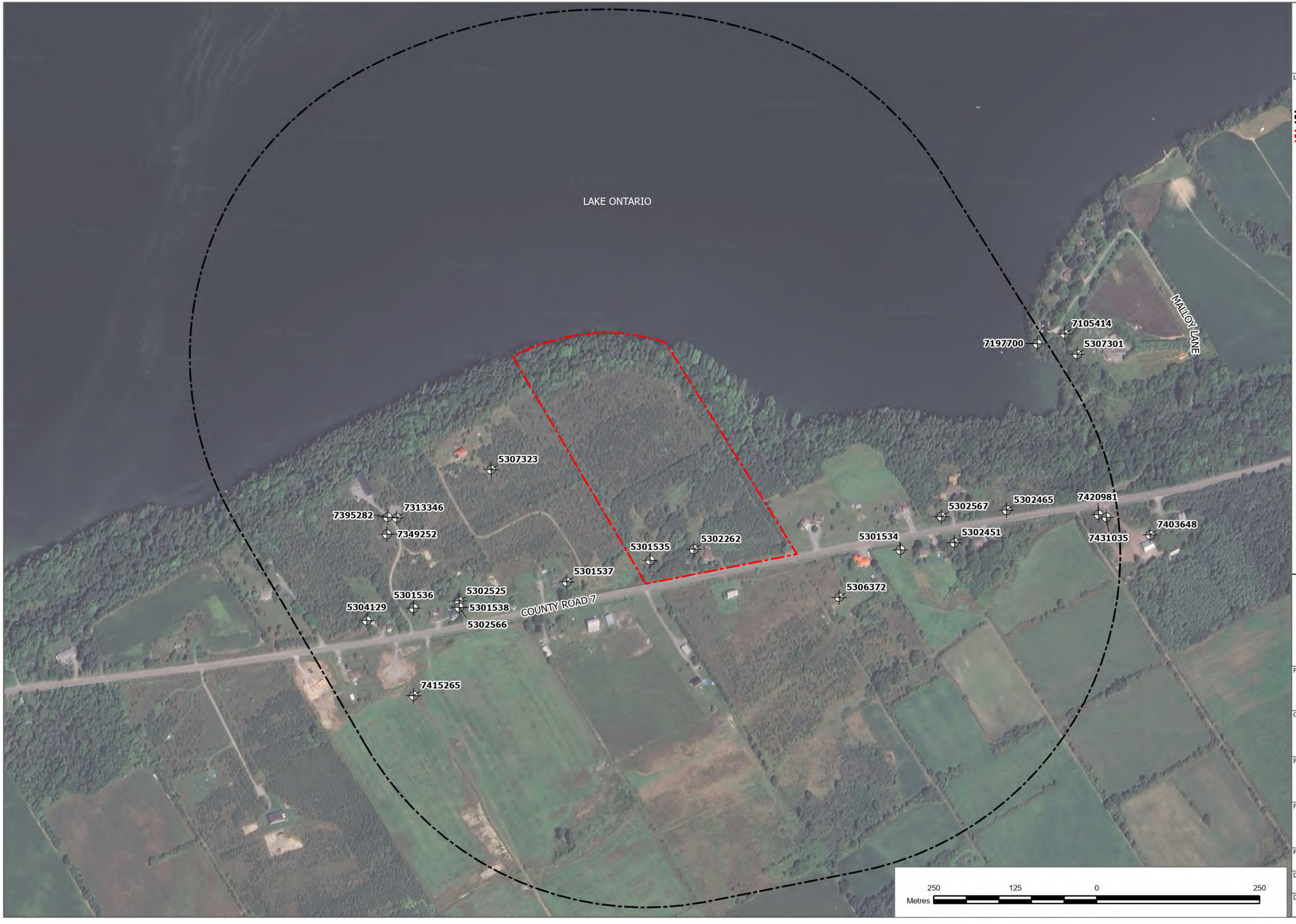
PROJECT NAME
TERRAIN ASSESSMENT FOR IN-GROUND WASTEWATER DISPOSAL

CLIENT NAME
2520082 ONTARIO INC., O/A THE REACH DEVELOPMENT

PROJECT LOCATION
C1315, 1329, 1357 COUNTY ROAD 7, PRINCE EDWARD, ONTARIO

FIGURE NAME
SITE PLAN

PROJECT NUMBER:	SCALE
366864	AS SHOWN
DRAWN BY: CF	REVIEWED BY: PT
DATE: APRIL 2026	FIGURE NUMBER: 2



N

LEGEND

- MECP WELL
- 500m BUFFER
- SITE BOUNDARY

NOTES:
1) Proprietary information may not be reproduced or divulged without prior written consent of Pinchin Ltd.
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5) Source: Pinchin Ltd., © OpenStreetMap (and) contributors, CC-BY-SA.

PINCHIN

PROJECT NAME
TERRAIN ASSESSMENT FOR IN-GROUND WASTEWATER DISPOSAL

CLIENT NAME
2520082 ONTARIO INC., O/A THE REACH DEVELOPMENT

PROJECT LOCATION
C1315, 1329, 1357 COUNTY ROAD 7, PRINCE EDWARD, ONTARIO

FIGURE NAME
MECP WATER WELLS WITHIN 500m OF SITE

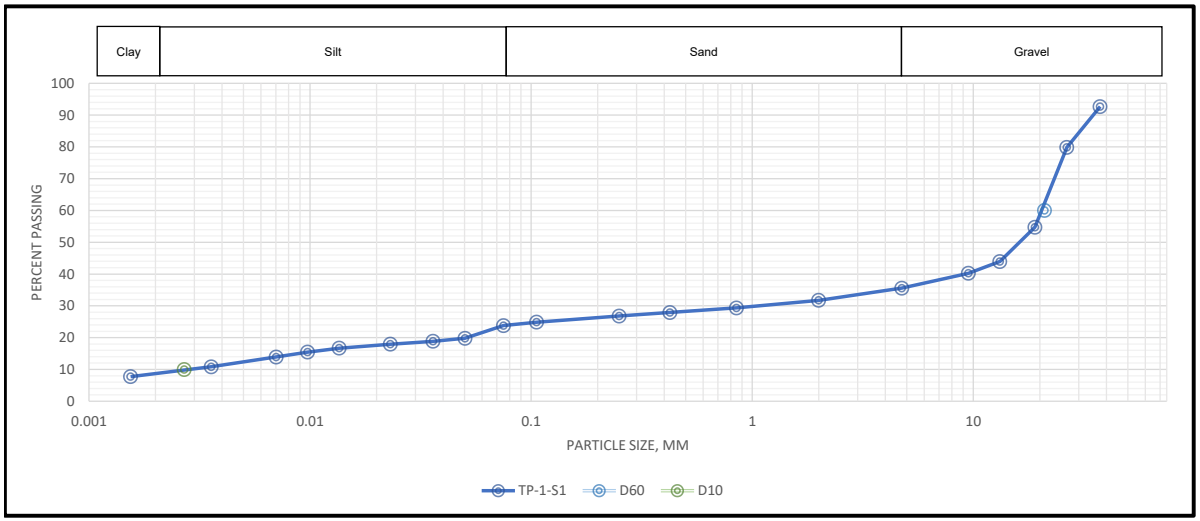
PROJECT NUMBER:	SCALE
366864	AS SHOWN
DRAWN BY: CF	REVIEWED BY: PT
DATE: APRIL 2026	FIGURE NUMBER: 3

APPENDIX II

Laboratory Certificated of Analysis

Malroz Engineering Inc. Laboratory
614 Norris Court, Unit 5
Kingston, ON, K7P 2R9

Particle Size Analysis (LS-702)



Clay (%)	Silt (%)	Sand (%)	Gravel (%)
8	15	12	64
GRAVEL, some silt, some sand, trace clay			

Lab #: SA26-006A
Client: Pinchin Ltd.
Client Ref #: 366864
Location: -
Sample ID: TP-1-S1

Tested: TB
Date: 2026-03-09

Coefficient of Uniformity, Cu: 7777.8

Effective size, D10 (mm): 0.003

Validated:

Date: 3/13/2026

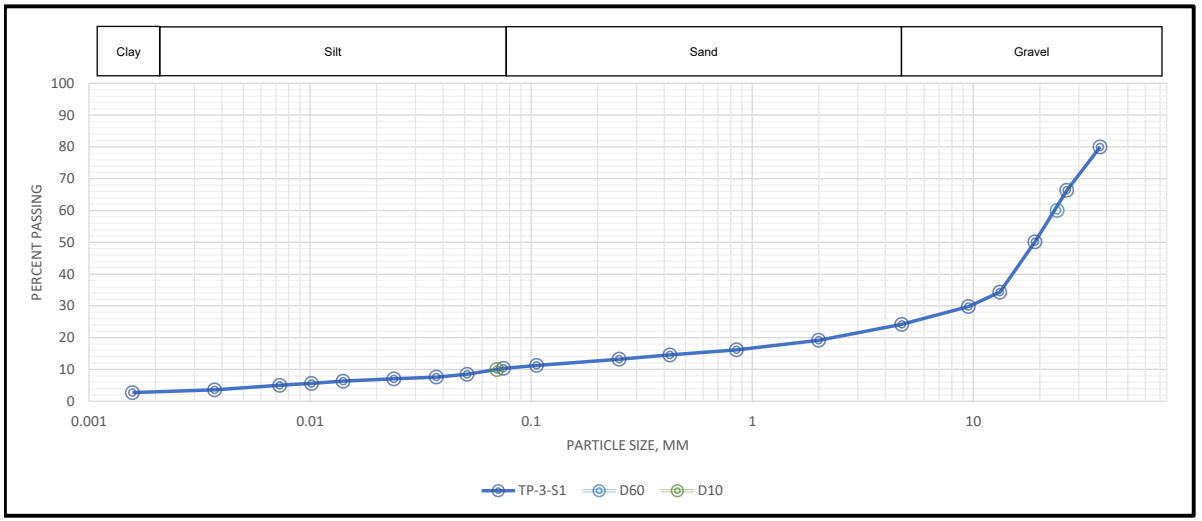
Notes: Estimated 'T' time: 4 -12 mins/cm
T-time is estimated from grain size data only, in comparison to OBC 2024 SB-6, and based solely on the sample as received.

Supplementary Data:

Volume of bulb, V_B (cm^3)	57	Specific Gravity, GS (assumed):	2.7
Length of Bulb, L_2 (cm)	13.60	Dispersing Agent (g/L):	40
Scale Dimension, h_s (cm/Div.)	0.18	Area of Cylinder, A (cm^2)	28.3
Maximum Particle Size (mm):	19	0' to Top of Bulb, L_1 (cm)	11.0

Malroz Engineering Inc. Laboratory
614 Norris Court, Unit 5
Kingston, ON, K7P 2R9

Particle Size Analysis (LS-702)



Clay (%)	Silt (%)	Sand (%)	Gravel (%)
3	7	14	76
GRAVEL, some sand, trace silt, trace clay			

Lab #: SA26-006A
Client: Pinchin Ltd.
Client Ref #: 366864
Location: -
Sample ID: TP-3-S1

Tested: TB
Date: 2026-03-09

Coefficient of Uniformity, Cu: 342.9
Effective size, D10 (mm): 0.070

Validated:

Date: 3/13/2026

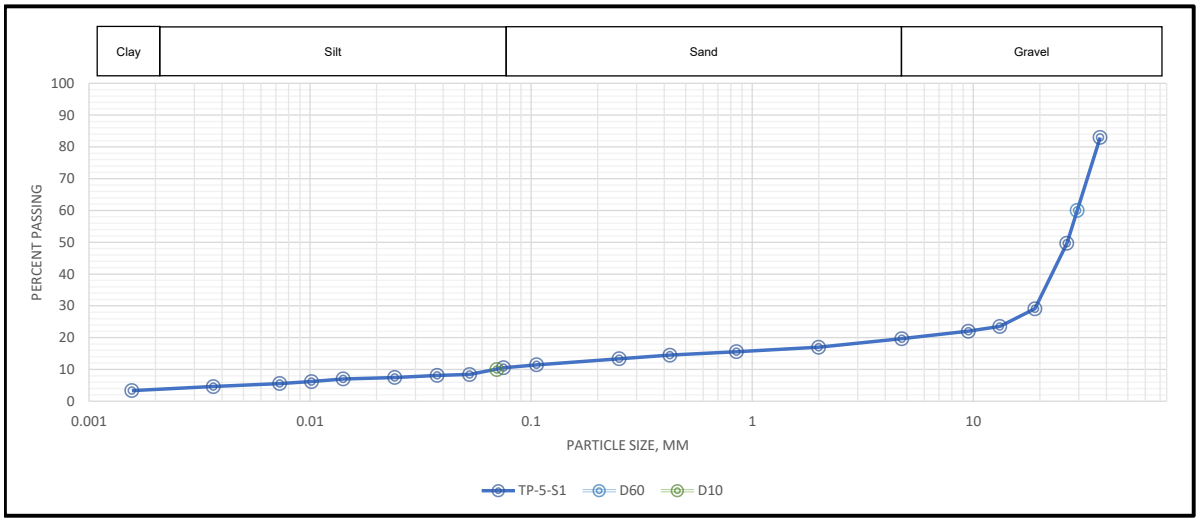
Notes: Estimated 'T' time: 4 - 12 mins/cm
T-time is estimated from grain size data only, in comparison to OBC 2024 SB-6, and based solely on the sample as received.

Supplementary Data:

Volume of bulb, V_B (cm^3)	57	Specific Gravity, GS (assumed):	2.7
Length of Bulb, L_2 (cm)	13.60	Dispersing Agent (g/L):	40
Scale Dimension, h_s (cm/Div.)	0.18	Area of Cylinder, A (cm^2)	28.3
Maximum Particle Size (mm):	19	0' to Top of Bulb, L_1 (cm)	11.0

Malroz Engineering Inc. Laboratory
614 Norris Court, Unit 5
Kingston, ON, K7P 2R9

Particle Size Analysis (LS-702)



Clay (%)	Silt (%)	Sand (%)	Gravel (%)
4	7	9	80
GRAVEL, trace sand, trace silt, trace clay			

Lab #: SA26-006C
Client: Pinchin Ltd.
Client Ref #: 366864
Location: -
Sample ID: TP-5-S1

Tested: TB
Date: 2026-03-09

Coefficient of Uniformity, Cu: 421.4
Effective size, D10 (mm): 0.070

Validated:

Date: 3/13/2026

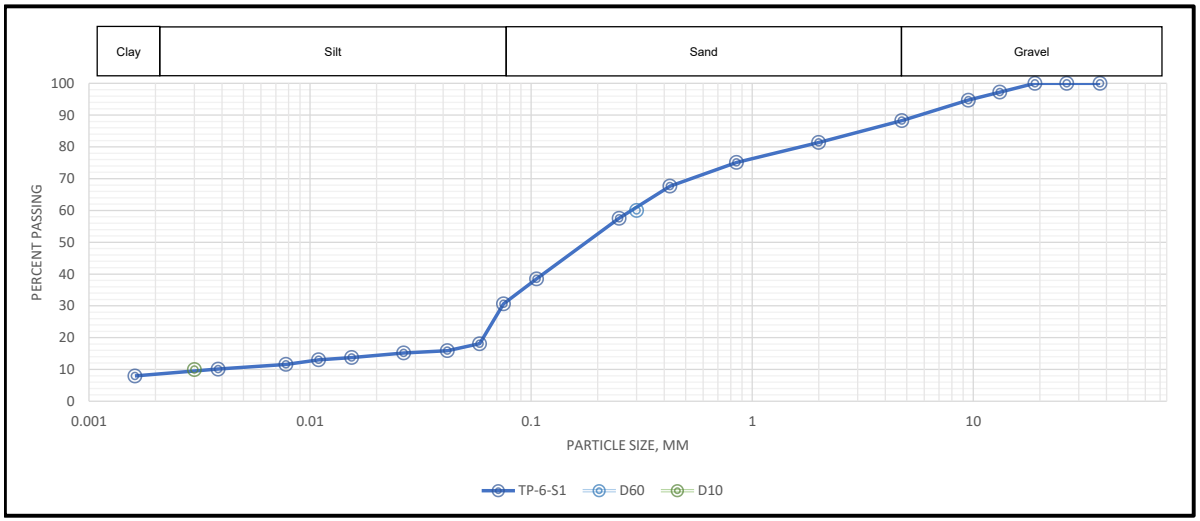
Notes: Estimated 'T' time: 4 - 12 mins/cm
T-time is estimated from grain size data only, in comparison to OBC 2024 SB-6, and based solely on the sample as received.

Supplementary Data:

Volume of bulb, V_B (cm^3)	57	Specific Gravity, GS (assumed):	2.7
Length of Bulb, L_2 (cm)	13.60	Dispersing Agent (g/L):	40
Scale Dimension, h_s (cm/Div.)	0.18	Area of Cylinder, A (cm^2)	28.3
Maximum Particle Size (mm):	19	0' to Top of Bulb, L_1 (cm)	11.0

Malroz Engineering Inc. Laboratory
614 Norris Court, Unit 5
Kingston, ON, K7P 2R9

Particle Size Analysis (LS-702)



Clay (%)	Silt (%)	Sand (%)	Gravel (%)
8	22	58	12
silty SAND, some gravel, trace clay			

Lab #: SA26-006D
Client: Pinchin Ltd.
Client Ref #: 366864
Location: -
Sample ID: TP-6-S1

Tested: TB
Date: 2026-03-09

Coefficient of Uniformity, Cu: 100.0
Effective size, D10 (mm): 0.003

Validated:
Date: 3/13/2026

Notes: Estimated 'T' time: 8 - 20 mins/cm
T-time is estimated from grain size data only, in comparison to OBC 2024 SB-6, and based solely on the sample as received.

Supplementary Data:

Volume of bulb, V_B (cm^3)	57	Specific Gravity, GS (assumed):	2.7
Length of Bulb, L_2 (cm)	13.60	Dispersing Agent (g/L):	40
Scale Dimension, h_s (cm/Div.)	0.18	Area of Cylinder, A (cm^2)	28.3
Maximum Particle Size (mm):	19	0' to Top of Bulb, L_1 (cm)	11.0

CERTIFIED BY CCIL Canadian Council of Independent Laboratories For specific tests as listed on www.ccil.com

APPENDIX III

MECP Well Records

UTM 18 Z 3400317 E
5 R 4877731? N
Elev 5? R 0366
Basin 24

31C 2D

The Ontario Water Resources Commission Act

WATER WELL RECORD

GROUND WATER BRANCH
53 No. 1534

County or District PRINCE ED. Township, Village, Town or City N. MARYSBURGH
Con. BAYSIDE Lot 61 Date completed 14 (day) AUG (month) 62 (year)
[redacted]ess BONGARD

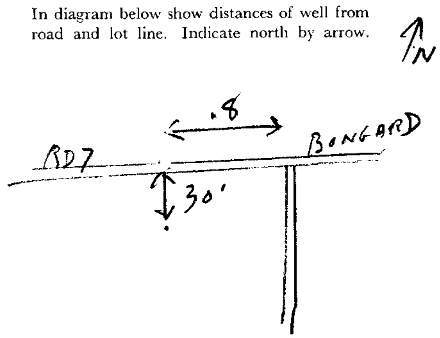
Casing and Screen Record		Pumping Test	
Inside diameter of casing	6 1/4	Static level	4
Total length of casing	5	Test-pumping rate	30 G.P.M.
Type of screen	—	Pumping level	DRY
Length of screen		Duration of test pumping	1/2 HR
Depth to top of screen		Water clear or cloudy at end of test	CLEAR
Diameter of finished hole	6	Recommended pumping rate	5 G.P.M.
		with pump setting of	30 feet below ground surface

Well Log: Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
GRAVEL	0	5		
			18	FRESH
LIMESTONE	5	35		

For what purpose(s) is the water to be used? FARM
Is well on upland, in valley, or on hillside? ✓ (upland)
Drilling or Boring Firm H & G RALSTON
Address BLOOMFIELD
Licence Number 470
Name of Driller or Borer SAME
Address
Date OCT/6/62
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Form 7 10M-62-1152

OWRC COPY

UTM 18 Z 3396533 E
9 R 4877723 N
Elev. 94 R 0323
Basin 24

31C 3A

ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

53 No 1535

RECEIVED
SEP 29 1956
GEOLOGICAL BRANCH
DEPARTMENT of MINES

Water-Well Record

~~County or Territorial District~~ Prince Edward Township, ~~Village, Town or City~~ North Marysburgh
[redacted]h Village, Town or City)
Address RR#5 Picton Ont.
Date completed (day) (month) (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	6 1/4"	Static level	
Length(s)	6'	Pumping rate	well
Type of screen		Pumping level	dry
Length of screen		Duration of test	

Well Log: Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
gravelly loam	0	5			
limestone	5	60			

For what purpose(s) is the water to be used?
Is water clear or cloudy?
Is well on upland, in valley, or on hillside?
Drilling firm Leonard McClennon
Address Wellington Ont.
Name of Driller Leonard McClennon
Address Wellington Ont.
Licence Number 545

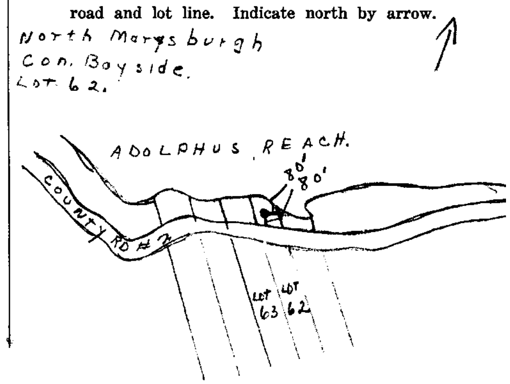
I certify that the foregoing statements of fact are true.

Date ______ Leonard McClennon
Signature of Licensee

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.

North Marysburgh
Con. Bayside
Lot 62.



Form 5

UTM 1 8 Z 3 3 9 2 9 0 E
B 9 R 4 8 7 7 4 4 9 N
Elev. 9 R 0 4 0 0
Basin 2 9

31C3A

ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

Water-Well Record

County ~~or Territorial District~~ Prince Edward Township, ~~Village, Town or City~~ North Marysburgh
[redacted] n Village, Town or City) ....
Address R.R. 5 Picton Ont
(day) (month) (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	6 1/2"	Static level	10'
Length(s)	4 1/2'	Pumping rate	10 G.P.H.
Type of screen		Pumping level	dry
Length of screen		Duration of test	

Well Log **Water Record**

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
clay	0	4	30'	20	fresh
limestone	4	52			

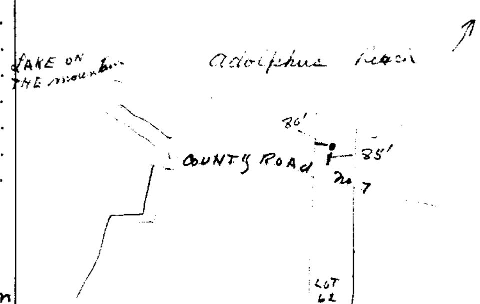
For what purpose(s) is the water to be used? drinking
Is water clear or cloudy? Clear
Is well on upland, in valley, or on hillside? upland
Drilling firm ~~Leonard~~ McClennon
Address Wellington Ont
Name of Driller Kenneth McClennon
Address Wellington Ont
Licence Number 1061

I certify that the foregoing statements of fact are true.

Date July 17/57 Kenneth McClennon
Signature of Licensee

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



North Marysburgh Township
Con 1 Bayside Lot 62

Form 5

UTM 1 8 Z 3 3 9 5 2 5 E
Bayside 5 R 4 8 7 7 6 9 0 N
Elev. 5 R 0 3 8 1
Basin 2 9

31C3A

The Ontario Water Resources Commission Act

WATER WELL RECORD

County or District PRINCE EDWARD Township, Village, ~~Town or City~~ NORTH MARYSBURGH
Con. BAYSIDE Lot 62 Date completed 18 OCT 1962
(day) month year)
[redacted] dress RR PICTON

Casing and Screen Record		Pumping Test	
Inside diameter of casing	6 1/4"	Static level	38
Total length of casing	6'	Test-pumping rate	3 G.P.M.
Type of screen		Pumping level	dry
Length of screen		Duration of test pumping	1 HR
Depth to top of screen		Water clear or cloudy at end of test	clear
Diameter of finished hole	6"	Recommended pumping rate	hand pump G.P.M.
		with pump setting of	feet below ground surface

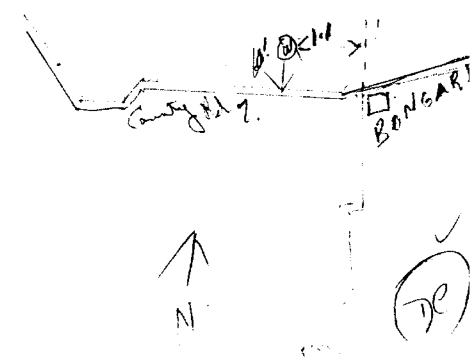
Well Log **Water Record**

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
limestone & Gravel	0	5	50	fresh
Grey limestone	5	55		

For what purpose(s) is the water to be used? house
Is well on upland, in valley, or on hillside? upland
Drilling or Boring Firm H & R Ralston
Address Bloomfield
Licence Number 288
Name of Driller or Borer Ralph Ralston
Address Bloomfield Ont
Date 7/1/63
Ralph Ralston
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Form 7 15M Sets 60-5930

OWRC COPY

UTM 18 Z 3 3 9 3 6 0 E

Bays 4 8 7 7 6 5 0 N

Elev R 0 3 9 7

Basin 29

31C 3A

WATER RESOURCES DIVISION 53 SEP 2 1967 No 1538 ONTARIO WATER RESOURCES COMMISSION

The Ontario Water Resources Commission Act

WATER WELL RECORD

County or District Pr. Edward Township, Village, Town or City North Marysburgh

Con. Bayside Lot 62 Date completed 24 (day) Aug. (month) 1967 (year)

[redacted] ress R.R.4 Picton, Ont.

Casing and Screen Record

Inside diameter of casing 6 1/4"

Total length of casing 4 ft.

Type of screen

Length of screen

Depth to top of screen

Diameter of finished hole 6 1/4"

Pumping Test

Static level

Test-pumping rate G.P.M.

Pumping level DRY WELL

Duration of test pumping

Water clear or cloudy at end of test

Recommended pumping rate G.P.M.

with pump setting of feet below ground surface

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Clay gravel	0	4		
Hard grey Limestone	4	60		

For what purpose(s) is the water to be used? DRY HOUSE

Is well on upland, in valley, or on hillside? High

Drilling or Boring Firm L.H.McClennon & Son

Address Wellington, Ont.

Licence Number 2499

Name of Driller or Borer L.H.McClennon

Address Wellington, Ont.

Date August 31, 1967

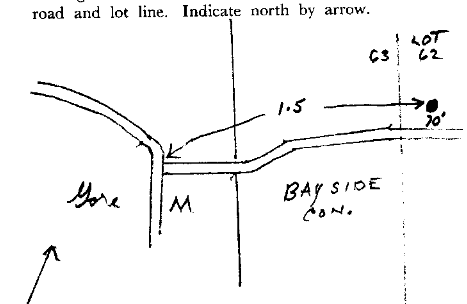
L.H. McClennon
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M-60-4138

OWRC COPY

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



31C/3A

The Ontario Water Resources Commission Act

WATER WELL RECORD

Water management in Ontario

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 | 5302262 | MUNICIP. 53005 | CON. BS C

COUNTY ~~OR DISTRICT~~ PRINCE EDWARD | TOWNSHIP, ~~BOROUGH, CITY, TOWN, VILLAGE~~ NORTH MARYSBURGH | CON., ~~BLOCK, TRACT, SURVEY, ETC.~~ BAYSIDE | LOT 62 061

DATE COMPLETED DAY 16 MO. 12 YR. 70

[redacted] PICTON R.R.4.

NG 878740 | RC 4 | ELEVATION 0372 | RC 5 | BASIN CODE 24

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH – FEET FROM	TO
BROWN	CLAY	GRAVEL	LOOSE	0	4
GREY	LIMESTONE		POROUS	4	37

31 | 0004005111 | 0037215

32

41 WATER RECORD

WATER FOUND AT – FEET	KIND OF WATER
0020	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
0034	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH – FEET FROM	TO
08	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	0	4 0004
08	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE		4	37 0037
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.) | DIAMETER INCHES | LENGTH FEET

MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT – FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

PUMPING TEST METHOD 1 ☐ PUMP 2 ☒ BAILER | PUMPING RATE 0020 GPM | DURATION OF PUMPING 00 HOURS 15 MINS.

STATIC LEVEL 005 | WATER LEVEL END OF PUMPING 037 | WATER LEVELS DURING 1 ☐ PUMPING 2 ☒ RECOVERY: 15 MINUTES 017, 30 MINUTES 005, 45 MINUTES 005, 60 MINUTES 005

IF FLOWING, GIVE RATE GPM. | PUMP INTAKE SET AT FEET | WATER AT END OF TEST 1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE ☐ SHALLOW ☒ DEEP | RECOMMENDED PUMP SETTING 034 FEET | RECOMMENDED PUMPING RATE 0006 GPM.

000.6 GPM./FT. SPECIFIC CAPACITY

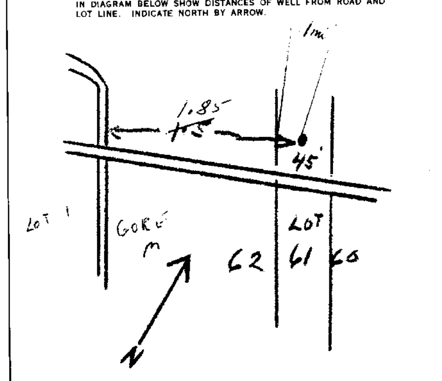
FINAL STATUS OF WELL: 1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED

WATER USE 12: 1 ☒ DOMESTIC 2 ☒ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED

METHOD OF DRILLING: 1 ☒ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION 6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS:

CONTRACTOR

NAME OF WELL CONTRACTOR L.H. McClennon & Son | LICENCE NUMBER 3516

ADDRESS Wellington Ont

NAME OF DRILLER OR BORER Ken McClennon | LICENCE NUMBER

SIGNATURE OF CONTRACTOR L.H. McClennon | SUBMISSION DATE DAY MO. YR.

OFFICE USE ONLY

DATA SOURCE 1 | CONTRACTOR 3516 | DATE RECEIVED 160271

DATE OF INSPECTION | INSPECTOR Km

REMARKS: | P Km | WI

OWRC COPY

31 c/3a

The Ontario Water Resources Commission Act

WATER WELL RECORD

Water management in Ontario

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 | 5302262 | MUNICIP. 53005 | CON. BS | C

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
PRINCE EDWARD	NORTH MARYSBURGH	BAYSIDE	061

OWNER: [redacted] ADDRESS: PICTON R.R.4.
DATE COMPLETED: DAY 16 MO. 12 YR. 70

[redacted] 78740 | RC. 4 | ELEVATION 0372 | RC. 5 | BASIN CODE 24

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH – FEET FROM	TO
BROWN	CLAY	GRAVEL	LOOSE	0	4
GREY	LIMESTONE		POROUS	4	37

31 | 0004 4005 1/1 | 0037 2/15T
32 |

41 WATER RECORD

WATER FOUND AT – FEET	KIND OF WATER
0020	☒ FRESH
0034	☒ FRESH

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH – FEET FROM	TO
08	☒ STEEL	188	0	4 (0004)
08	☒ OPEN HOLE		4	37 (0037)

SCREEN: SIZE(S) OF OPENING (SLOT NO.) / DIAMETER / LENGTH / MATERIAL AND TYPE / DEPTH TO TOP OF SCREEN

61 PLUGGING & SEALING RECORD

DEPTH SET AT – FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
☒ BAILER	0020 GPM	00 HOURS 15 MINS.

STATIC LEVEL	WATER LEVEL END OF PUMPING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
005 FEET	037 FEET	017 FEET	005 FEET	005 FEET	005 FEET

WATER LEVELS DURING: ☒ RECOVERY
WATER AT END OF TEST: ☒ CLEAR
RECOMMENDED PUMP TYPE: ☒ DEEP
RECOMMENDED PUMP SETTING: 034 FEET
RECOMMENDED PUMPING RATE: 0006 GPM.
000.6 GPM./FT. SPECIFIC CAPACITY

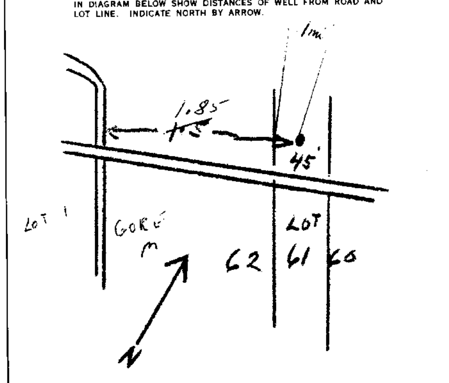
FINAL STATUS OF WELL: ☒ WATER SUPPLY

WATER USE 12: ☒ DOMESTIC, ☒ STOCK

METHOD OF DRILLING: ☒ CABLE TOOL

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS:

CONTRACTOR
NAME OF WELL CONTRACTOR: L.H. McClennon & Son — LICENCE NUMBER 3516
ADDRESS: Wellington Ont
NAME OF DRILLER OR BORER: Ken McClennon
SIGNATURE OF CONTRACTOR: L.H. McClennon
SUBMISSION DATE: DAY MO. YR.

OFFICE USE ONLY
DATA SOURCE 1 | CONTRACTOR 3516 | DATE RECEIVED 160271
INSPECTOR Km
P Km
WI

OWRC COPY

31c2d

The Ontario Water Resources Commission Act

WATER WELL RECORD

Water management in Ontario

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 | 5302451 | MUNICIP. 53005 | CON. BS | C

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
PRINCE EDWARD	NORTH MARYSBURGH	BAYSIDE ~~Concession~~	060

OWNER: [redacted] ADDRESS: PICTON R.R.4.
DATE COMPLETED: DAY 04 MO. 05 YR. 72

[redacted] 77750 | RC. 4 | ELEVATION 0370 | RC. 5 | BASIN CODE 24

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH – FEET FROM	TO
BROWN	CLAY GRAVEL			0	6
GREY	LIMESTONE			6	35

31 | 0006 4005 1/1 | 0035 2/15T
32 |

41 WATER RECORD

WATER FOUND AT – FEET	KIND OF WATER
0032	☒ FRESH

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH – FEET FROM	TO
10	☒ STEEL	3/8	0	9 (0009)
10	☒ OPEN HOLE		9	35 (0035)

SCREEN: SIZE(S) OF OPENING (SLOT NO.) / DIAMETER / LENGTH / MATERIAL AND TYPE / DEPTH TO TOP OF SCREEN

61 PLUGGING & SEALING RECORD

DEPTH SET AT – FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
☒ BAILER	0010 GPM	01 HOURS 00 MINS.

STATIC LEVEL	WATER LEVEL END OF PUMPING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
002 FEET	030 FEET	008 FEET	003 FEET	002 FEET	002 FEET

WATER LEVELS DURING: ☒ RECOVERY
WATER AT END OF TEST: ☒ CLEAR
RECOMMENDED PUMP TYPE: ☒ SHALLOW
RECOMMENDED PUMP SETTING: 032 FEET
RECOMMENDED PUMPING RATE: 0006 GPM.
0004 GPM./FT. SPECIFIC CAPACITY

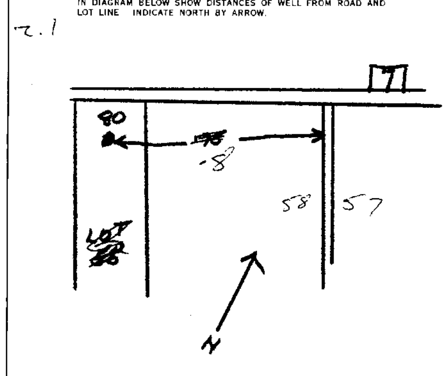
FINAL STATUS OF WELL: ☒ WATER SUPPLY

WATER USE 12: ☒ DOMESTIC, ☒ STOCK

METHOD OF DRILLING: ☒ CABLE TOOL

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS:

CONTRACTOR
NAME OF WELL CONTRACTOR: L H McClennon & Son — LICENCE NUMBER 3516
ADDRESS: Wellington Ont
NAME OF DRILLER OR BORER: Ken McClennon
SIGNATURE OF CONTRACTOR: L.H. McClennon
SUBMISSION DATE: DAY MO. YR.

OFFICE USE ONLY
DATA SOURCE 1 | CONTRACTOR 3516 | DATE RECEIVED 110972
INSPECTOR K
P
WI

OWRC COPY

The Ontario Water Resources Commission Act

WATER WELL RECORD

31 C 2d

Water management in Ontario
1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 | 5302465 | MUNICIP. 53005 | CON. BS C

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
PRINCE EDWARD	NORTH MARYSBURGH	BAYSIDE	060

[redacted] AKLEY BLVD SCARBOURGH ONT — DATE COMPLETED: DAY 20 MO 06 YR 72

[redacted] 77800 | RC 4 | ELEVATION 0352 | RC 5 | BASIN CODE R4

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH – FEET FROM	TO
BROWN	TOPSOIL			0	5
GREY	LIMESTONE			5	75'

31 | 0005002 | 0075215

32

41 WATER RECORD

WATER FOUND AT – FEET	KIND OF WATER
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH – FEET FROM	TO
08	1 ☒ STEEL	188	0	10
8	4 ☒ OPEN HOLE		10	75

SCREEN: SIZE(S) OF OPENING (SLOT NO.) | DIAMETER | LENGTH | MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN

61 PLUGGING & SEALING RECORD

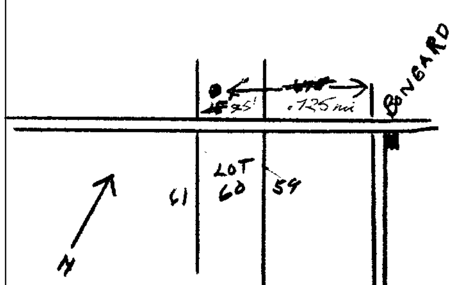
DEPTH SET AT – FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☐ PUMP 2 ☐ BAILER — DRY WELL

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS:

FINAL STATUS OF WELL: 1 ☐ WATER SUPPLY; 2 ☐ OBSERVATION WELL; 3 ☐ TEST HOLE; 4 ☐ RECHARGE WELL; 5 ☒ ABANDONED, INSUFFICIENT SUPPLY; 6 ☐ ABANDONED, POOR QUALITY; 7 ☐ UNFINISHED

WATER USE: 1 ☐ DOMESTIC; 2 ☐ STOCK; 3 ☐ IRRIGATION; 4 ☐ INDUSTRIAL; ☐ OTHER; 5 ☐ COMMERCIAL; 6 ☐ MUNICIPAL; 7 ☐ PUBLIC SUPPLY; 8 ☐ COOLING OR AIR CONDITIONING; 9 ☐ NOT USED

METHOD OF DRILLING: 1 ☐ CABLE TOOL; 2 ☐ ROTARY (CONVENTIONAL); 3 ☐ ROTARY (REVERSE); 4 ☒ ROTARY (AIR); 5 ☐ AIR PERCUSSION; 6 ☐ BORING; 7 ☐ DIAMOND; 8 ☐ JETTING; 9 ☐ DRIVING

CONTRACTOR — NAME OF WELL CONTRACTOR: LH McClennon & Son — LICENCE NUMBER: 3516
ADDRESS: Wellington ont
NAME OF DRILLER OR BORER: Ken McClennon
SIGNATURE OF CONTRACTOR: L H McClennon — SUBMISSION DATE: DAY MO YR

OFFICE USE ONLY — DATA SOURCE 1 | CONTRACTOR 3516 | DATE RECEIVED 130972 — DATE OF INSPECTION — INSPECTOR — REMARKS — P K — WI

OWRC COPY

The Ontario Water Resources Commission Act

WATER WELL RECORD

BA 9523 31C3G

Water management in Ontario
1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 | 5302525 | MUNICIP. 53005 | CON. BS

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
PRINCE Edward	NORTH MARYSBURG	BAY SIDE	062

[redacted] PICTON. — DATE COMPLETED: DAY 20 MO 05 YR 72

[redacted] 8 77660 | RC 4 | ELEVATION 0398 | RC 4 | BASIN CODE 24

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH – FEET FROM	TO
	LIMESTONE GRAVEL			0	5
		LIMESTONE		5	93

31 | 0005 1st | 0093 1st

32

41 WATER RECORD

WATER FOUND AT – FEET	KIND OF WATER
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL

DRY WELL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH – FEET FROM	TO
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN: SIZE(S) OF OPENING (SLOT NO.) | DIAMETER | LENGTH | MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN

61 PLUGGING & SEALING RECORD

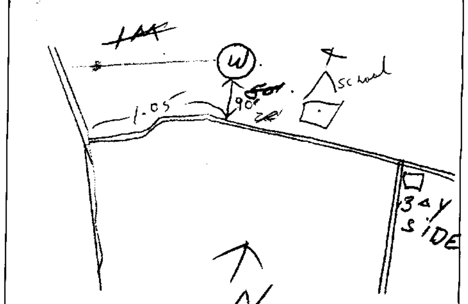
DEPTH SET AT – FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☐ PUMP 2 ☐ BAILER

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS:

FINAL STATUS OF WELL: 1 ☐ WATER SUPPLY; 2 ☐ OBSERVATION WELL; 3 ☐ TEST HOLE; 4 ☐ RECHARGE WELL; 5 ☒ ABANDONED, INSUFFICIENT SUPPLY; 6 ☐ ABANDONED, POOR QUALITY; 7 ☐ UNFINISHED

WATER USE: 1 ☐ DOMESTIC; 2 ☐ STOCK; 3 ☐ IRRIGATION; 4 ☐ INDUSTRIAL; ☐ OTHER; 5 ☐ COMMERCIAL; 6 ☐ MUNICIPAL; 7 ☐ PUBLIC SUPPLY; 8 ☐ COOLING OR AIR CONDITIONING; 9 ☐ NOT USED

METHOD OF DRILLING: 1 ☒ CABLE TOOL; 2 ☐ ROTARY (CONVENTIONAL); 3 ☐ ROTARY (REVERSE); 4 ☐ ROTARY (AIR); 5 ☐ AIR PERCUSSION; 6 ☐ BORING; 7 ☐ DIAMOND; 8 ☐ JETTING; 9 ☐ DRIVING

CONTRACTOR — NAME OF WELL CONTRACTOR: RALPH ROLSTON — LICENCE NUMBER: 3640
ADDRESS: BLOOMFIELD
NAME OF DRILLER OR BORER: SAME
SIGNATURE OF CONTRACTOR: Ralph Rolston — SUBMISSION DATE: DAY 15 MO 8 YR 72

OFFICE USE ONLY — DATA SOURCE 1 | CONTRACTOR 4630 | DATE RECEIVED 281172 — DATE OF INSPECTION — INSPECTOR — REMARKS — P K — WI

OWRC COPY

MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

WATER WELL RECORD

ONTARIO

31C3c

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 | 5302566 | MUNICIP. 53005 | CON. BS

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
PRINCE EDWARD	NORTH MARYSBURGH	BAYSIDE	062

[redacted] RR#4 PICTON, Ont. — DATE COMPLETED: DAY 27 MO. 10 YR. 72

[redacted] 877650 | RC 4 | ELEVATION 0396 | RC 4 | BASIN CODE 24

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	TO
BROWN	CLAY GRAVEL			0	9
GREY	LIMESTONE			9	219

31 | 0009005711 | 0219215 |

32 |

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0208	☒ FRESH

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	TO
08	☒ STEEL	188	0	0010
	☒ OPEN HOLE		10	0219

SCREEN: SIZE(S) OF OPENING (SLOT NO.) / DIAMETER / LENGTH / MATERIAL AND TYPE / DEPTH TO TOP OF SCREEN

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

Item	Value
PUMPING TEST METHOD	1 ☒ PUMP AIR / 2 BAILER
PUMPING RATE	0020 GPM
DURATION OF PUMPING	01 HOURS 00 MINS
STATIC LEVEL	099 FEET
WATER LEVEL END OF PUMPING	219 FEET
WATER LEVELS DURING	2 ☒ RECOVERY
15 MINUTES	179
30 MINUTES	144
45 MINUTES	109
60 MINUTES	099
IF FLOWING GIVE RATE	
PUMP INTAKE SET AT	
WATER AT END OF TEST	1 ☒ CLEAR
RECOMMENDED PUMP TYPE	☒ DEEP
RECOMMENDED PUMP SETTING	215 FEET
RECOMMENDED PUMPING RATE	0005 GPM
GPM/FT. SPECIFIC CAPACITY	000.2

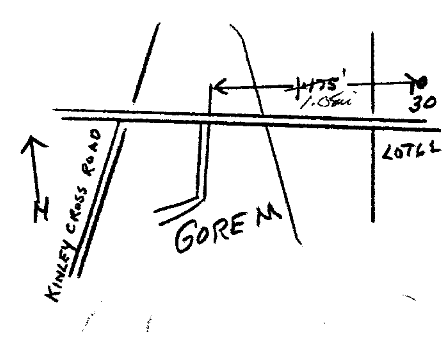
FINAL STATUS OF WELL: 1 ☒ WATER SUPPLY

WATER USE 01: 1 ☒ DOMESTIC

METHOD OF DRILLING: 4 ☒ ROTARY (AIR)

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS:

CONTRACTOR

NAME OF WELL CONTRACTOR	LICENCE NUMBER
L.H. McCLENNON + SON	3516

ADDRESS: WELLINGTON Ont.

NAME OF DRILLER OR BORER: Ken McClennon

SIGNATURE OF CONTRACTOR: L.H. McClennon

SUBMISSION DATE: DAY ___ MO. ___ YR. ___

OFFICE USE ONLY — DATA SOURCE 1 | CONTRACTOR 3516 | DATE RECEIVED 240173 | P | WI

MINISTRY OF THE ENVIRONMENT COPY — FORM 7 07-091

MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

WATER WELL RECORD

ONTARIO

31C3d

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 | 5302567 | MUNICIP. 53005 | CON. BS

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
PRINCE EDWARD	NORTH MARYSBURGH	BAYSIDE	060

[redacted] AKLEY BLVD SCARBOROUGH ONT — DATE COMPLETED: DAY 16 MO. 09 YR. 72

[redacted] 777901 | RC 4 | ELEVATION 0360 | RC 6 | BASIN CODE 24

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	TO
BROWN	CLAY GRAVEL			0	6
GREY	LIMESTONE			6	130

31 | 0006005711 | 0130215 |

32 |

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0121	☒ FRESH

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	TO
08	☒ STEEL	188	0	0010
08	☒ OPEN HOLE		10	0130

SCREEN: SIZE(S) OF OPENING (SLOT NO.) / DIAMETER / LENGTH / MATERIAL AND TYPE / DEPTH TO TOP OF SCREEN

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

Item	Value
PUMPING TEST METHOD	1 AIR / 2 BAILER
PUMPING RATE	0030 GPM
DURATION OF PUMPING	01 HOURS 00 MINS
STATIC LEVEL	026 FEET
WATER LEVEL END OF PUMPING	130 FEET
WATER LEVELS DURING	☒ RECOVERY
15 MINUTES	080
30 MINUTES	035
45 MINUTES	026
60 MINUTES	026
IF FLOWING GIVE RATE	
PUMP INTAKE SET AT	
WATER AT END OF TEST	1 ☒ CLEAR
RECOMMENDED PUMP TYPE	☒ DEEP
RECOMMENDED PUMP SETTING	125 FEET
RECOMMENDED PUMPING RATE	0005 GPM
GPM/FT. SPECIFIC CAPACITY	000.3

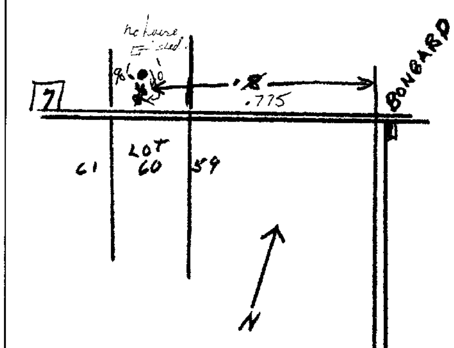
FINAL STATUS OF WELL: 1 ☒ WATER SUPPLY

WATER USE 01: 1 ☒ DOMESTIC

METHOD OF DRILLING: 4 ☒ ROTARY (AIR)

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS:

CONTRACTOR

NAME OF WELL CONTRACTOR	LICENCE NUMBER
L H McClennon + son	3516

ADDRESS: Wellington Ont

NAME OF DRILLER OR BORER: Ken McClennon

SIGNATURE OF CONTRACTOR: L H McClennon

SUBMISSION DATE: DAY ___ MO. ___ YR. ___

OFFICE USE ONLY — DATA SOURCE 1 | CONTRACTOR 3516 | DATE RECEIVED 230173 | P | WI

MINISTRY OF THE ENVIRONMENT COPY — FORM 7 07-091

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

1 PRINT ONLY IN SPACES PROVIDED
2 CHECK [X] CORRECT BOX WHERE APPLICABLE

11 5304129 Municipality 53005 Con. BS

County or District: [redacted]
Township/Borough/City/Town/Village: North Marysburgh
Con block tract survey, etc.: B.S.
Lot: 62
Address: R.R.#4 Picton
Date completed: day 8 mo 10 yr 81

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	TO
brown	topsoil		loose	0	1
brown	hardpan	small stone	hard packed	1	5
grey	limestone		hard	5	100

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
dry	1 FRESH 3 SULPHUR; 2 SALTY 4 MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	TO
6¼	1 STEEL	.188	0	11
6¼	4 OPEN HOLE		11	100

SCREEN: SIZE(S) OF OPENING (SLOT NO.) | DIAMETER | LENGTH | MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD, PACKER, ETC.)

PUMPING TEST

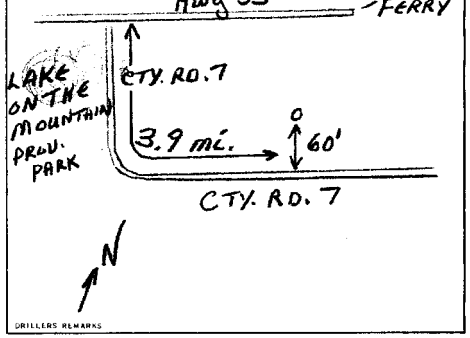
PUMPING TEST METHOD: 1 PUMP 2 BAILER
PUMPING RATE: GPM
DURATION OF PUMPING: HOURS MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 PUMPING 2 RECOVERY 15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
FEET	FEET	FEET	FEET	FEET	FEET

IF FLOWING GIVE RATE: GPM
PUMP INTAKE SET AT: FEET
WATER AT END OF TEST: 1 CLEAR 2 CLOUDY
RECOMMENDED PUMP TYPE: SHALLOW DEEP
RECOMMENDED PUMP SETTING: FEET
RECOMMENDED PUMPING RATE: GPM

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW



DRILLERS REMARKS

FINAL STATUS OF WELL

1 WATER SUPPLY; 2 OBSERVATION WELL; 3 TEST HOLE; 4 RECHARGE WELL; 5 ABANDONED INSUFFICIENT SUPPLY; 6 ABANDONED POOR QUALITY; 7 UNFINISHED

WATER USE

1 DOMESTIC; 2 STOCK; 3 IRRIGATION; 4 INDUSTRIAL; 5 COMMERCIAL; 6 MUNICIPAL; 7 PUBLIC SUPPLY; 8 COOLING OR AIR CONDITIONING; OTHER; 9 NOT USED

METHOD OF DRILLING

1 CABLE TOOL; 2 ROTARY (CONVENTIONAL); 3 ROTARY (REVERSE); 4 ROTARY (AIR); 5 AIR PERCUSSION; 6 BORING; 7 DIAMOND; 8 JETTING; 9 DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: CHALK WELL DRILLING LTD. — LICENCE NUMBER: 1507
ADDRESS: R.R.#6 Napanee
NAME OF DRILLER OR BORER: B. Ian Chalk — LICENCE NUMBER: 1576
SIGNATURE OF CONTRACTOR: CHALK WELL DRILLING LTD. — SUBMISSION DATE: day 9 mo 10 yr 81

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR 1507 | DATE RECEIVED 11 01 82
DATE OF INSPECTION | INSPECTOR
REMARKS: WDE
CSS.ES

FORM NO. 0506—4—77 FORM 7

MINISTRY OF THE ENVIRONMENT COPY

Ministry of Environment and Energy
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

11 5306372 Municipality 53005 Con. BS

County or District: [redacted]
Township/Borough/City/Town/Village: NORTH MARYSBURG
Con block tract survey, etc.: CON I BAYSIDE
Lot: 61
Address: RR4 PICTON KOK 2T0
Date completed: 30 day 06 month 93 year
Northing | RC | Elevation | RC | Basin Code

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

General colour	Most common material	Other materials	General description	Depth - feet From	To
BROWN	TOP SOIL	STONES	DENSE	0	3
GREY	LIMESTONE		HARD	3	30

41 WATER RECORD

Water found at - feet	Kind of water
11	1 Fresh 3 Sulphur; 2 Salty 4 Minerals 5 Gas

51 CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth - feet From	To
8	4 Steel; 3 Open hole		0	10
6¼	1 Steel	.188	0	10
6⅝	1 Steel		10	30

SCREEN: Sizes of opening (Slot No.) | Diameter inches | Length feet | Material and type | Depth at top of screen feet

61 PLUGGING & SEALING RECORD

Annular space | Abandonment

Depth set at - feet From	To	Material and type (Cement grout, bentonite, etc.)
10	0	CEMENT GROUT

PUMPING TEST

Pumping test method: 1 Pump 2 Bailer
Pumping rate: 1/2 GPM
Duration of pumping: 2 0 Hours Mins

Static level	Water level end of pumping	Water levels during: 1 Pumping 2 Recovery 15 minutes	30 minutes	45 minutes	60 minutes
4 feet	18 feet	4 feet	8 feet	12' 3½ feet	18 feet

If flowing give rate: GPM
Pump intake set at: feet
Water at end of test: Clear Cloudy
Recommended pump type: Shallow Deep
Recommended pump setting: feet
Recommended pump rate: BAIL SYSTEM GPM

FINAL STATUS OF WELL

1 Water supply; 2 Observation well; 3 Test hole; 4 Recharge well; 5 Abandoned, insufficient supply; 6 Abandoned, poor quality; 7 Abandoned (Other); 8 Dewatering; 9 Unfinished; 10 Replacement well

WATER USE

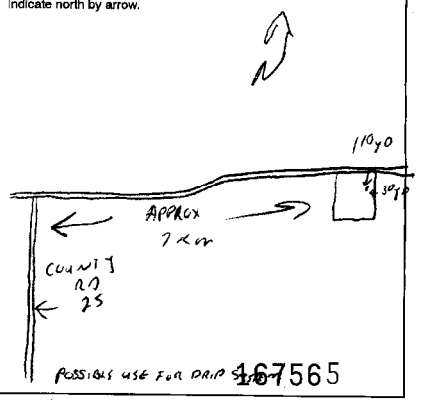
1 Domestic; 2 Stock; 3 Irrigation; 4 Industrial; 5 Commercial; 6 Municipal; 7 Public supply; 8 Cooling & air conditioning; 9 Not used; 10 Other

METHOD OF CONSTRUCTION

1 Cable tool; 2 Rotary (conventional); 3 Rotary (reverse); 4 Rotary (air); 5 Air percussion; 6 Boring; 7 Diamond; 8 Jetting; 9 Driving; 10 Digging; 11 Other

LOCATION OF WELL

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Name of Well Contractor: PRINCE EDWARD WELL DRILLERS — Well Contractor's Licence No.: 6005
Address: RR3 PICTON KOK 2T0
Name of Well Technician: Ron Brisson — Well Technician's Licence No.: 621
Signature of Technician/Contractor: Ron Brisson — Submission date: day 4 mo 07 yr 97

MINISTRY USE ONLY

Data source | Contractor 6005 | Date received JUL 24 1997
Date of inspection | Inspector
Remarks

2 - MINISTRY OF ENVIRONMENT & ENERGY COPY

0506 (07/84) Front Form 9

Ontario Ministry of the Environment

Well Tag Number A 001088

A001088

Well Record

Regulation 903 Ontario Water Resources Act

Instructions for Completing Form

- For use in the Province of Ontario only. This document is a permanent legal document. Please retain for future reference.
- All Sections must be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.
- Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.
- **All metre measurements shall be reported to 1/10th of a metre.**
- Please print clearly in blue or black ink only.

Ministry Use Only

[redacted]

Address of Well Location (County/District/Municipality): 51 MALLOY LANE RR#4. | Township: N. MARYSBURGH. | Lot: PT. LOT 59760 | Concession: BAYSIDE.

RR#/Street Number/Name: COUNTY OF PRINCE EDWARD | City/Town/Village | Site/Compartment/Block/Tract etc.: PLAN #47R 3930.

GPS Reading: NAD 83 | Zone | Easting W076°59.566 | Northing N44°02.407 | Unit Make/Model: GARMIN ETREX HANDHELD | Mode of Operation: ☐ Undifferentiated ☑ Averaged ☐ Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth Metres From	Depth Metres To
BROWN	TOPSOIL.		LOOSE, POROUS.	0	1
BROWN	CLAY	SAND + LOAM	DENSE	1	6

Hole Diameter

Depth Metres From	Depth Metres To	Diameter Centimetres
0	6	100

Water Record

Water found at 3 Metres — Kind of Water: ☑ Fresh

After test of well yield, water was: ☑ Clear and sediment free ☐ Other, specify

Chlorinated ☐ Yes ☑ No

Construction Record

Inside diam centimetres	Material	Wall thickness centimetres	Depth Metres From	Depth Metres To
82	Casing: ☑ Concrete	5cm	0	6

Screen: — | No Casing or Screen: ☐ Open hole

Test of Well Yield

Pumping test method: Pump Out.
Pump intake set at (metres): .5
Pumping rate (litres/min): 90
Duration of pumping: 1/2 hrs + ____ min
Final water level end of pumping: 3 metres
Recommended pump type: ☐ Shallow ☑ Deep
Recommended pump depth: .5 metres
Recommended pump rate: 12 (litres/min)
If flowing give rate: 30 (litres/min)
If pumping discontinued, give reason.

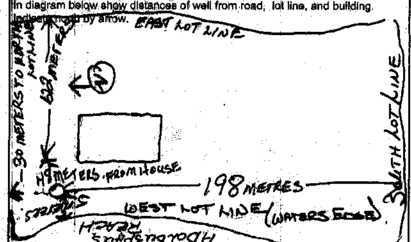
Draw Down Time min	Water Level Metres	Recovery Time min	Water Level Metres
Static Level	4.		
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	4
40		40	
50		50	
60		60	

Plugging and Sealing Record ☐ Annular space ☐ Abandonment

Depth set at - Metres From	To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)

Location of Well

In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.



Method of Construction: ☑ Digging

Water Use: ☑ Domestic

Final Status of Well: ☑ Water Supply

Audit No. Z 01178 | Date Well Completed: 2004 07 23

Was the well owner's information package delivered? ☑ Yes ☐ No | Date Delivered: 2004 08 04

Well Contractor/Technician Information

Name of Well Contractor: DREW HARRISON HAULAGE LTD | Well Contractor's Licence No.: 7188

Business Address: P.O. BOX 1225, PICTON, ONT. K0K-2T0

Name of Well Technician: HARRISON DREW | Well Technician's Licence No.: T 2968

Signature of Technician/Contractor: X [signature] | Date Submitted: 2004 08 04

Ministry Use Only

Data Source | Contractor: 7188

Date Received: AUG 09 2004 | Date of Inspection

Remarks | Well Record Number: 5307301

0506E (09/03) Contractor's Copy ☑ Ministry's Copy ☐ Well Owner's Copy ☐ *Cette formule est disponible en français*

Ontario Ministry of the Environment

Well Tag Number A 008404

A 008404

Well Record

Regulation 903 Ontario Water Resources Act

Instructions for Completing Form

- For use in the Province of Ontario only. This document is a permanent legal document. Please retain for future reference.
- All Sections must be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.
- Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.
- **All metre measurements shall be reported to 1/10th of a metre.**
- Please print clearly in blue or black ink only.

Ministry Use Only

[redacted]

Prince Edward | North Marysburgh | Lot: Pt. 62 | Concession: I

RR#/Street Number/Name: R. R. # 4 | City/Town/Village: Picton | Site/Compartment/Block/Tract etc.

GPS Reading: NAD 83 | Zone 18 | Easting 339439 | Northing 4878983 | Unit Make/Model: Magellan | Mode of Operation: ☐ Undifferentiated ☒ Averaged ☐ Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth Metres From	Depth Metres To
Brown	Clay		Packed	0	.3
Grey	Limestone		Broken	.3	.6
Grey	Limestone		Hard	.6	56.7

Hole Diameter

Depth Metres From	Depth Metres To	Diameter Centimetres
0	6	25.4
6	43	15.5
43	56.7	15.5

Water Record

Water found at 52.7 Metres — Kind of Water: Untested

After test of well yield, water was: ☐ Clear and sediment free ☐ Other, specify

Chlorinated ☒ Yes ☐ No

Construction Record: Casing — | Screen — | No Casing or Screen: ☐ Open hole

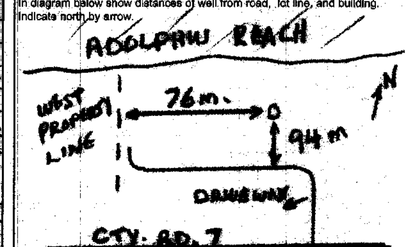
Test of Well Yield: (blank)

Plugging and Sealing Record ☐ Annular space ☒ Abandonment

Depth set at - Metres From	To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
56.7	0	Bentonite	1.38

Location of Well

In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.



Method of Construction: ☒ Cable Tool ☒ Rotary (air)

Water Use: ☒ Not used

Final Status of Well: ☒ Abandoned, poor quality

Audit No. Z 16313 | Date Well Completed: 2004 07 15

Was the well owner's information package delivered? ☐ Yes ☐ No | Date Delivered

Well Contractor/Technician Information

Name of Well Contractor: CHALK WELL DRILLING LTD. | Well Contractor's Licence No.: 1507

Business Address: R. R. # 6, Napanee, Ontario

Name of Well Technician: Kevin Chalk | Well Technician's Licence No.: T-0637

Signature of Technician/Contractor: X CHALK WELL [illegible] LTD. | Date Submitted: 2004 07 13

Ministry Use Only

Data Source | Contractor: 1507

Date Received: OCT 26 2004 | Date of Inspection

Remarks | Well Record Number: 5307323

0506E (09/03) Contractor's Copy ☐ Ministry's Copy ☐ Well Owner's Copy ☐ *Cette formule est disponible en français*

Ontario Ministry of the Environment

Well Tag No. (Place Sticker and/or Print Below) A070832 A 070832

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

[redacted]

142 MALLOY LANE | NORTH MARYSBURG | 59 | BAYSIDE

County/District/Municipality: PRINCE EDWARD | City/Town/Village | Province: Ontario | Postal Code: K0K2T0

UTM Coordinates: NAD 83 | Zone 18 | Easting 340319 | Northing 4878291 | GPS Unit Make: GARMIN | Model: NUVI | Mode of Operation: ☐ Differentiated, specify ☐ Undifferentiated ☑ Averaged

Overburden and Bedrock Materials (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth From (Metres)	Depth To (Metres)
BROWN	TOP SOIL		SOFT	0	1
BROWN	CLAY	GRAVEL	HARD PACKED	1	6
BROWN	SAND		SOFT	6	15.20
GREY	SAND	GRAVEL		15.20	15.89
GREY	LIMESTONE			15.89	25.92

Annular Space/Abandonment Sealing Record

Depth Set at (Metres) From	To	Type of Sealant Used (Material and Type)	Volume Placed (Cubic Metres)
6	0	QUIK GROUT	1m

Method of Construction

☐ Cable Tool ☐ Diamond ☐ Rotary (Conventional) ☐ Jetting ☐ Rotary (Reverse) ☐ Driving ☐ Rotary (Air) ☐ Digging ☐ Air percussion ☐ Boring ☐ Other, specify

Water Use

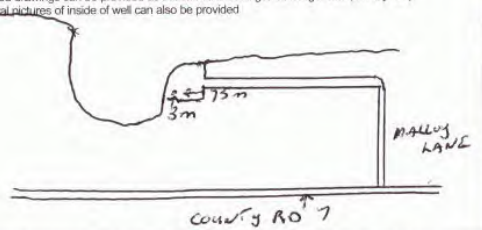
☐ Public ☐ Commercial ☐ Not used ☐ Domestic ☐ Municipal ☐ Dewatering ☐ Livestock ☐ Test Hole ☐ Monitoring ☐ Irrigation ☐ Cooling & Air Conditioning ☐ Industrial ☐ Other, specify

Status of Well

☑ Water Supply ☐ Dewatering Well ☐ Observation and/or Monitoring Hole ☐ Replacement Well ☐ Abandoned, Insufficient Supply ☐ Alteration (Construction) ☐ Test Hole ☐ Abandoned, Poor Water Quality ☐ Other, specify ☐ Recharge Well ☐ Abandoned, other, specify

Location of Well

Please provide a map below showing:
- all property boundaries, and measurements sufficient to locate the well in relation to fixed points,
- an arrow indicating the North direction,
- detailed drawings can be provided as attachments no larger than legal size (8.5" by 14")
- vidigital pictures of inside of well can also be provided



Date Well Completed (yyyy/mm/dd): 2005 05 10 | Was the well owner's information package delivered? ☑ Yes ☐ No | Date the Well Record and Package Delivered to Well Owner (yyyy/mm/dd): 2005 05 17

Well Contractor and Well Technician Information

Business Name of Well Contractor: PRINCE EDWARD WELL DRILLERS | Well Contractor's Licence No.: 6005

Business Address (Street No./Name, number, RR): RR3 PICTON ON. | Municipality

Province: ON | Postal Code: K0K2T0 | Business E-mail Address

Bus. Telephone No. (inc. area code): 6137765457 | Name of Well Technician (Last Name, First Name): MCKEE GLENDON

Well Technician's Licence No.: 2826 | Signature of Technician: Glendon McKee | Date Submitted (yyyy/mm/dd): 2005 05 17

0506E (11/2006) Ministry's Copy © Queen's Printer for Ontario, 2006

Results of Well Yield Testing

Check box if after test of well yield, water was: ☑ Clear and sand free ☐ Cannot develop to sand-free state

If pumping discontinued, give reason:

Pumping test method: PUMP

Pump intake set at (Metres): 25

Pumping rate (Litres/min): 4 LITRES

Duration of pumping: 1 hrs + ____ min

Final water level end of pumping (Metres): 13.6

Recommended pump type: ☐ Shallow ☑ Deep

Recommended pump depth: 25 Metres

Recommended pump rate (Litres/min): 4 LITRES

If flowing give rate (Litres/min):

Draw Down Time (Min)	Draw Down Water Level (Metres)	Recovery Time (Min)	Recovery Water Level (Metres)
Static Level	4.77	Static Level	13.6
1	4.93	1	12.80
2	5.9	2	12.52
3	5.25	3	12.19
4	5.44	4	12.10
5	5.62	5	11.85
10	6.40	10	10.85
15	7.14	15	9.74
20	7.62	20	8.77
25	8.28	25	7.62
30	8.95	30	6.76
40	10.37	40	6.55
50	11.82	50	6.17
60	13.6	60	5.92

Water Details

Water found at Depth	Kind of Water
18 30 Metres ☐ Gas	SULPHUR ☐ Fresh ☐ Salty ☑ Sulphur ☐ Minerals
Metres ☐ Gas	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals
Metres ☐ Gas	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals

Casing Used	Screen Used
☐ Galvanized	☐ Galvanized
☑ Steel	☐ Steel
☐ Fibreglass	☐ Fibreglass
☐ Plastic	☐ Plastic
☐ Concrete	☐ Concrete

No Casing and Screen Used

☐ Open Hole

Disinfected? ☑ Yes ☐ No

Casing and Well Details

Diameter of the Hole (Centimetres): 15 55

Depth of the Hole (Metres): 25 92

Wall Thickness (Metres): 48 m

Inside Diameter of the Casing (Metres): 15.55

Depth of the Casing (Metres): 16

Ministry Use Only

Audit No.: z61529 | Well Contractor No. | Date Received (yyyy/mm/dd): MAY 23 2008 | Date of Inspection (yyyy/mm/dd) | Remarks

Well ID

Well ID Number: 7197700
Well Audit Number: *Z141637*
Well Tag Number: *A125105*

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

Well Location

Address of Well Location	142 MALLOY LANE
Township	NORTH MARYSBURGH TOWNSHIP
Lot	060
Concession	BS
County/District/Municipality	PRINCE EDWARD
City/Town/Village	PICTON
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 340277.00 Northing: 4878276.00
Municipal Plan and Sublot Number	
Other	

Water Details

Water Found at Depth	Kind
5 ft	Fresh
7 ft	Fresh

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	LOAM			0 ft	4 ft
BRWN	CLAY			4 ft	4 ft
GREY	CLAY	STNS		4 ft	14 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	10 ft	NON TOXIC CAULK/ CLAY	

Method of Construction & Well Use

Method of Construction	Well Use
Digging	
	Domestic

Status of Well

Water Supply

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
36 inch	CONCRETE	0 ft	14 ft

Hole Diameter

Depth From	Depth To	Diameter

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL	5.3 ft		
1	5.5 ft	1	10.3 ft
2	5.7 ft	2	10.3 ft
3	5.8 ft	3	10.3 ft
4	5.9 ft	4	10.25 ft
5	6 ft	5	10.25 ft
10	6.4 ft	10	10.25 ft
15	6.7 ft	15	10.225 ft
20	7 ft	20	10.225 ft
25	7.3 ft	25	10.225 ft
30	7.6 ft	30	10.225 ft
40	8.4 ft	40	10.225 ft
45		45	
50	9.4 ft	50	10.225 ft
60	10.3 ft	60	10.2 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7380

Results of Well Yield Testing

After test of well yield, water was	CLEAR
If pumping discontinued, give reason	
Pump intake set at	13 ft
Pumping Rate	16 GPM
Duration of Pumping	1 h:0 m
Final water level	10.3 ft
If flowing give rate	
Recommended pump depth	13 ft
Recommended pump rate	3 GPM
Well Production	
Disinfected?	Y

Audit Number: Z141637

Date Well Completed: February 12, 2013

Date Well Record Received by MOE: February 25, 2013

Well ID

Well ID Number: 7431035
Well Audit Number: *C59275*
Well Tag Number: *A352524*

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

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7529

Hole Diameter

Depth From	Depth To	Diameter

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed

Method of Construction & Well Use

Method of Construction	Well Use

Status of Well

Water Details

Water Found at Depth	Kind

Results of Well Yield Testing

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

Draw Down & Recovery

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

Audit Number: C59275

Date Well Completed: September 16, 2022

Date Well Record Received by MOE: October 12, 2022

Ontario — Ministry of the Environment and Climate Change

Measurements recorded in: ☐ Metric ☐ Imperial

Well Tag No. *(Place Sticker and/or Print Below)* Tag#: A 207360

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

[redacted]

Address of Well Location (Street Number/Name): 1337 County Rd #7 | Township: Marysburgh | Lot: 62 | Concession: Bayside

County/District/Municipality: Prince Edward | City/Town/Village: Picton | Province: Ontario | Postal Code: K0K3T0

UTM Coordinates: NAD 8 3 | Zone | Easting | Northing | Municipal Plan and Sublot Number | Other

Overburden and Bedrock Materials/Abandonment Sealing Record *(see instructions on the back of this form)*

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
Brown	Soil	Gravel		0	1
Grey	Limestone			1	60

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	11	Bentonite Slurry	14.67

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☑ Air percussion
☐ Other, specify

Well Use

☐ Public ☐ Commercial ☐ Not used
☑ Domestic ☐ Municipal ☐ Dewatering
☐ Livestock ☐ Test Hole ☐ Monitoring
☐ Irrigation ☐ Cooling & Air Conditioning
☐ Industrial
☐ Other, specify

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Well Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
6.250	Steel	.188	-2	11
6.125	open hole		11	60

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To

Status of Well

☑ Water Supply
☐ Replacement Well
☐ Test Hole
☐ Recharge Well
☐ Dewatering Well
☐ Observation and/or Monitoring Hole
☐ Alteration (Construction)
☐ Abandoned, Insufficient Supply
☐ Abandoned, Poor Water Quality
☐ Abandoned, other, specify
☐ Other, specify

Water Details

Water found at Depth (m/ft)	Gas	Kind of Water: Fresh / Untested / Other, specify
12	☐	☐ / ☐ / ☐
	☐	☐ / ☐ / ☐
	☐	☐ / ☐ / ☐

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	11	10
11	100	6.125

Results of Well Yield Testing

After test of well yield, water was: ☐ Clear and sand free ☐ Other, specify

If pumping discontinued, give reason: DRY

Pump intake set at (m/ft): 60

Pumping rate (l/min / GPM): 3

Duration of pumping: 0 hrs + 2 min

Final water level end of pumping (m/ft): 59.9

If flowing give rate (l/min / GPM):

Recommended pump depth (m/ft):

Recommended pump rate (l/min / GPM):

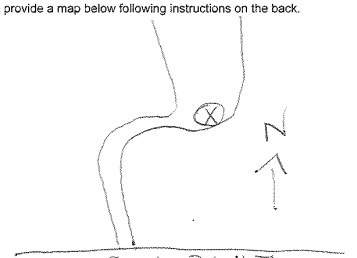
Well production (l/min / GPM): Low Yield

Disinfected? ☐ Yes ☑ No

	Draw Down Time (min)	Draw Down Water Level (m/ft)	Recovery Time (min)	Recovery Water Level (m/ft)
Static Level		52		60
1	1	55	1	
2	2	DRY	2	
3	3		3	
4	4		4	
5	5		5	
10	10		10	
15	15		15	
20	20		20	
25	25		25	
30	30		30	
40	40		40	
50	50		50	
60	60		60	59.9

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor: MPI Drilling | Well Contractor's Licence No.: 6171

Business Address (Street Number/Name): Comp 6007 | Municipality: Picton

Province: ON | Postal Code: K0K3T0 | Business E-mail Address: info@mpidrilling.com

Bus. Telephone No. (inc. area code): 613 885 9521 | Name of Well Technician (Last Name, First Name): [redacted]

Well Technician's Licence No.: 21107 | Signature of Technician and/or Contractor | Date Submitted: 2018/06/13

Well owner's information package delivered: ☐ Yes ☐ No

Date Package Delivered: 2018/06/13

Date Work Completed: 2018/01/27

Ministry Use Only

Audit No. Z251227

Received JUN 25 2018

0506E (2014/11) Ministry's Copy

Ontario — Ministry of the Environment, Conservation and Parks

Measurements recorded in: ☑ Metric ☐ Imperial

Well Tag No. (Place Sticker and/or Print Below): A195994

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

[redacted]

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
1237 CTY RD #7	NORTH MARYSBURGH	PT LOT 62	BAYSIDE

County/District/Municipality	City/Town/Village	Province	Postal Code
PRINCE EDWARD COUNTY	PICTON	Ontario	K0K 2T0

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	339279	4877984	PE162734	

Overburden and Bedrock Materials/Abandonment Sealing Record *(see instructions on the back of this form)*

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
BLACK	TOPSOIL			0	.3
GREY	LIMESTONE			.3	6.55

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	2.5	CLAY	20

Method of Construction

☐ Cable Tool ☐ Diamond ☐ Rotary (Conventional) ☐ Jetting ☐ Rotary (Reverse) ☐ Driving ☐ Boring ☑ Digging ☐ Air percussion ☐ Other, specify

Well Use

☐ Public ☐ Commercial ☐ Not used ☑ Domestic ☐ Municipal ☐ Dewatering ☐ Livestock ☐ Test Hole ☐ Monitoring ☐ Irrigation ☐ Cooling & Air Conditioning ☐ Industrial ☐ Other, specify

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
90	CONCRETE	7.6	0	6.55

Status of Well

☑ Water Supply ☐ Replacement Well ☐ Test Hole ☐ Recharge Well ☐ Dewatering Well ☐ Observation and/or Monitoring Hole ☐ Alteration (Construction) ☐ Abandoned, Insufficient Supply ☐ Abandoned, Poor Water Quality ☐ Abandoned, other, specify ☐ Other, specify

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To

Water Details

Water found at Depth (m/ft)	Kind of Water	Hole Diameter Depth From	Depth To	Diameter (cm/in)
4	☑ Fresh ☐ Untested ☐ Gas ☐ Other, specify			
	Kind of Water: ☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify			
	Kind of Water: ☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify			

Results of Well Yield Testing

After test of well yield, water was: ☑ Clear and sand free ☐ Other, specify

If pumping discontinued, give reason:

Pump intake set at (m/ft): 6.55

Pumping rate (l/min / GPM): 585

Duration of pumping: ____ hrs + 60 min

Final water level end of pumping (m/ft): 5.13

If flowing give rate (l/min / GPM):

Recommended pump depth (m/ft): 6.55

Recommended pump rate (l/min / GPM):

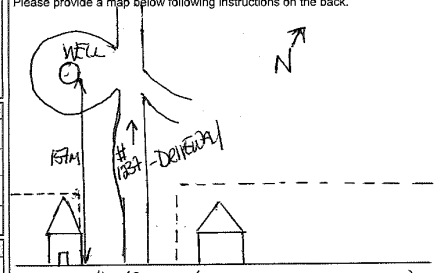
Well production (l/min / GPM): 99

Disinfected? ☑ Yes ☐ No

	Draw Down Time (min)	Draw Down Water Level (m/ft)	Recovery Time (min)	Recovery Water Level (m/ft)
Static Level		2.92		5.13
1			1	
2	DUG WELL		2	
3	RESERVE = 9000 GALS		3	
4	RECOVERY = 22 GPM		4	
5			5	
10			10	
15			15	
20			20	
25			25	
30			30	
40			40	
50			50	
60	5.13		60	4.80

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
FRANK'S DRILLING & BLASTING LTD	6181

Business Address (Street Number/Name)	Municipality
P.O. BOX 100	NEWBURGH

Province	Postal Code	Business E-mail Address
ON	K0K 2S0	info@fdb.ca

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
6133482178	FORE, GREG

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
2605	[signature]	2019/12/10

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☑ Yes ☐ No	2019/12/10	2019/12/06

Ministry Use Only

Audit No. Z318637

DEC 13 2019

Received

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Ontario — Ministry of the Environment, Conservation and Parks

Measurements recorded in: ☑ Metric ☐ Imperial

Well Tag No. (Place Sticker and/or Print Below): A207360

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

[redacted]

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
1237 County Rd 7.	Marysburgh	62	Bayside

County/District/Municipality	City/Town/Village	Province	Postal Code
Prince Edward County		Ontario	K0K 2T0

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	339280	4878010		

Overburden and Bedrock Materials/Abandonment Sealing Record *(see instructions on the back of this form)*

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
18m	0m	Bentonite	

Method of Construction

☐ Cable Tool ☐ Diamond ☐ Rotary (Conventional) ☐ Jetting ☐ Rotary (Reverse) ☐ Driving ☐ Boring ☐ Digging ☐ Air percussion ☐ Other, specify

Well Use

☐ Public ☐ Commercial ☐ Not used ☐ Domestic ☐ Municipal ☐ Dewatering ☐ Livestock ☐ Test Hole ☐ Monitoring ☐ Irrigation ☐ Cooling & Air Conditioning ☐ Industrial ☐ Other, specify

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To

Status of Well

☐ Water Supply ☐ Replacement Well ☐ Test Hole ☐ Recharge Well ☐ Dewatering Well ☐ Observation and/or Monitoring Hole ☐ Alteration (Construction) ☑ Abandoned, Insufficient Supply ☐ Abandoned, Poor Water Quality ☐ Abandoned, other, specify ☐ Other, specify

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To

Water Details

Water found at Depth (m/ft)	Kind of Water	Hole Diameter Depth From	Depth To	Diameter (cm/in)
	☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify			
	Kind of Water: ☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify			
	Kind of Water: ☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify			

Results of Well Yield Testing

After test of well yield, water was: ☐ Clear and sand free ☐ Other, specify

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping: ____ hrs + ____ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min/GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min/GPM)

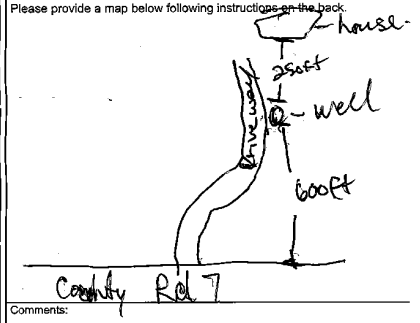
Well production (l/min/GPM)

Disinfected? ☐ Yes ☐ No

	Draw Down Time (min)	Draw Down Water Level (m/ft)	Recovery Time (min)	Recovery Water Level (m/ft)
Static Level				
1			1	
2			2	
3			3	
4			4	
5			5	
10			10	
15			15	
20			20	
25			25	
30			30	
40			40	
50			50	
60			60	

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Mactell on Water	3750

Business Address (Street Number/Name)	Municipality
388 mill haven Rd	Odessa

Province	Postal Code	Business E-mail Address
On	K0H 2H0	info@mwater.ca

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
6133165150	Lucas, Mark

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
3504	[signature]	2021/08/18

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☐ No	2021/08/21	2021/08/18

Ministry Use Only

Audit No. Z355464

AUG 26 2021

Received

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Ontario — Ministry of the Environment, Conservation and Parks

Well Record for Well Cluster – Part 1 of 3

(Only for Multiple Test Holes or Dewatering Wells)

Regulation 903 Ontario Water Resources Act

All measurements recorded in: ☐ Metric ☑ Imperial

Follow instructions on the front and back of this form. Print or Type

Well Tag No. of Deepest Well: *(Print Well Tag No.)* A306142

Well No. on Drawing of Deepest Well:

☐ Dewatering wells ☑ Test holes

No. of wells reported 3

Page 1 of 4

Well Cluster Location Information

Address of Well Location (Street Number(s)/Name(s), RR, if available)	Lot(s)	Concession(s)	Geographic Township	County/District/Upper Tier Municipality
~~1350~~ 1472 County Road 7	—	—	—	Prince Edward

City, Town, Village or Hamlet	Province	GPS Unit Make	Model	Unit Mode of Operation
mun. of Prince Edward County	Ontario	Magellan	xplorist	☐ Undifferentiated ☑ ~~Averaged~~ ☐ Differentiated, specify:

Mandatory Attachments/Additional Information

☒ Land Owner Consent Form must be attached.

☒ Detailed Drawing of All Well Locations must be attached.

I, the person constructing the well, will promptly submit to the Director, on request, any additional information in my custody or control related to any well in the well cluster that I have constructed.

Signature of Technician/Contractor — Date (yyyy/mm/dd): 2021-10-13

Well Details

Well # on Drawing	UTM Coordinates Zone	Easting	Northing	Hole Depth (m/ft)	Hole Diameter (cm/in)	Method of Construction	Casing Material; Diameter (cm/in)	Casing From (m/ft)	Casing To (m/ft)	Screen Interval From (m/ft)	Screen Interval To (m/ft)	Annular Space Material From (m/ft)	Annular Space Material To (m/ft)	Annular Space Material:	Overburden/Bedrock or Abandonment Filing Material Intervals (m/ft)	Static Water Level (m/ft)	Date of Completion (yyyy/mm/dd)
mw1	18	394104	4817791	100'	5"	Air Percussion	5" PVC	+2	10'	open	Hole	0	10'	chipped Bentonite	0-3' Silt/Sand 3'-100' Grey Limestone B/R	± 42'	2021-10-06
mw2	18	394128	4817791	100'	5"	Air Percussion	5" PVC	+2	10'	open	Hole	0	10'	Same	0-4' Sand 4'-100' Grey Limestone B/R	± 78'	2021-10-06
mw3	18	394103	4817801	100'	5"	Air Percussion	5" PVC	+2	10'	open	Hole	0	10'	Same	0-2' Sand, 2'-100' Grey Limestone B/R	± 24'	2021-10-07

Well Contractor and Well Technician Information

Business Name of Well Contractor	Business Address (Street Number/Name, RR)	Municipality	Province
Dedicated Environmental Services Inc	3-50 Grant Timmins Drive	Kingston	ON

Postal Code	Bus. Telephone No.	Well Contractor's Licence No.	Business E-mail Address
K7M 8N2	613-876-0042	7529	dedicatedec@gmail.com

Name of Well Technician (First Name, Last Name)	Well Technician's Licence No.	Signature of Well Technician	Date Submitted (yyyy/mm/dd)
Karl Couture	3057		2021-10-13

Date First Well in Cluster Constructed or Abandoned (yyyy/mm/dd)	Date Last Well in Cluster Completed (yyyy/mm/dd)
2021-10-06	2021-10-07

Well Abandonment

Person Abandoning the Wells:

Name _____ (Print or Type) - See instruction 11 on the back of this form

Ministry Use Only

Date Received (yyyy/mm/dd)	Audit No.
NOV 22 2021	C 54275

Comments:

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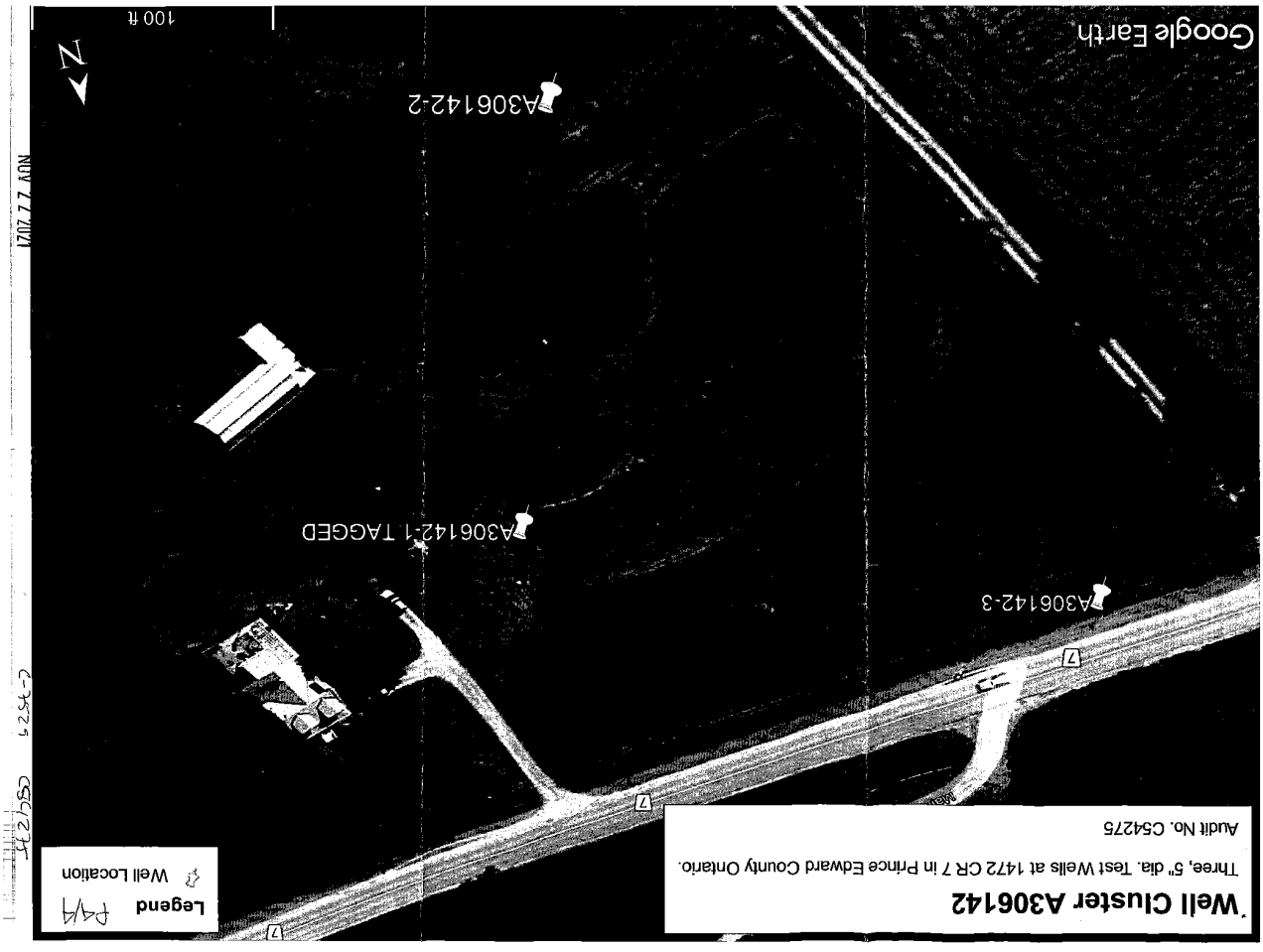


Ontario | Ministry of the Environment, Conservation and Parks

Well Tag No. (Place Sticker and/or Print Below) A000063

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

Measurements recorded in: ☐ Metric ☑ Imperial

[redacted]

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
Left of 1218 Cty Rd 7			

County/District/Municipality	City/Town/Village	Province	Postal Code
Prince Edward Cty	Picton	Ontario	K0K 2T0

UTM Coordinates Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83 18	339320	4877736		

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	To
Brown	topsoil			0	1
Grey	Shale			1	4
Grey	limestone			4	18.5

measurements taken from top of casing

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	10	Non toxic caulking	

Method of Construction: ☐ Cable Tool ☐ Rotary (Conventional) ☐ Rotary (Reverse) ☐ Boring ☐ Air percussion ☐ Other, specify ☐ Diamond ☐ Jetting ☐ Driving ☑ Digging

Well Use: ☐ Public ☑ Domestic ☐ Livestock ☐ Irrigation ☐ Industrial ☐ Other, specify ☐ Commercial ☐ Municipal ☐ Test Hole ☐ Cooling & Air Conditioning ☐ Not used ☐ Dewatering ☐ Monitoring

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
36	Concrete	4	+1.5	-17

Status of Well: ☑ Water Supply ☐ Replacement Well ☐ Test Hole ☐ Recharge Well ☐ Dewatering Well ☐ Observation and/or Monitoring Hole ☐ Alteration (Construction) ☐ Abandoned, Insufficient Supply ☐ Abandoned, Poor Water Quality ☐ Abandoned, other, specify ☐ Other, specify

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To

Water Details

Water found at Depth	Kind of Water
10 (m/ft) ☐ Gas	☑ Fresh ☑ Untested ☐ Other, specify
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, specify
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, specify

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)

Results of Well Yield Testing

After test of well yield, water was: ☑ Clear and sand free ☐ Other, specify

If pumping discontinued, give reason: test complete

Pump intake set at (m/ft): 18

Pumping rate (l/min / GPM): 50

Duration of pumping: 1 hrs + 0 min

Final water level end of pumping (m/ft):

If flowing give rate (l/min/GPM): 0

Recommended pump depth (m/ft): 18

Recommended pump rate (l/min/GPM): 10 gpm pump

Well production (l/min/GPM): tested at 50gpm

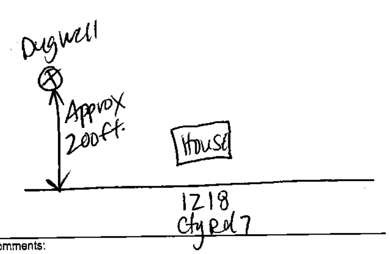
Disinfected? ☑ Yes ☐ No

Draw Down Time (min)	Water Level (m/ft)	Recovery Time (min)	Water Level (m/ft)
Static Level	6'5"		
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
50		50	
60		60	

(Written across table: Dug well flow rate (L) 50gpm Reserve approx 300gal)

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor: Q-Logic Water Ltd. | Well Contractor's Licence No.: 7717

Business Address (Street Number/Name): 352 Marsh Rd | Municipality: Belleville

Province: Ont | Postal Code: K8N 4Z7 | Business E-mail Address: qlogicwater@live.ca

Bus. Telephone No. (inc. area code): (613)8855696 | Name of Well Technician (Last Name, First Name): Quigley Jamie

Well Technician's Licence No.: 3913 | Signature of Technician and/or Contractor | Date Submitted: 20220406

Well owner's information package delivered ☐ Yes ☐ No | Date Package Delivered: YYYYMMDD | Date Work Completed: 20220328

Ministry Use Only Audit No. Z381161 | Received APR 19 2022

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Ontario | Ministry of the Environment, Conservation and Parks

Well Tag No. (Place Sticker and/or Print Below) A334382

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

Measurements recorded in: ☐ Metric ☑ Imperial

[redacted]

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
Right of 1218 Cty Rd 7			

County/District/Municipality	City/Town/Village	Province	Postal Code
Prince Edward County	Picton	Ontario	K0K 2T0

UTM Coordinates Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83 18	339187	4877686		

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	To
Brown	topsoil			0	1
Grey	Shale			4	6
Grey	Limestone			6	18
Brown	Sandy/Clay			1	4

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	10	Non toxic caulking	

Method of Construction: ☐ Cable Tool ☐ Rotary (Conventional) ☐ Rotary (Reverse) ☐ Boring ☐ Air percussion ☐ Other, specify ☐ Diamond ☐ Jetting ☐ Driving ☑ Digging

Well Use: ☐ Public ☑ Domestic ☐ Livestock ☐ Irrigation ☐ Industrial ☐ Other, specify ☐ Commercial ☐ Municipal ☐ Test Hole ☐ Cooling & Air Conditioning ☐ Not used ☐ Dewatering ☐ Monitoring

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
36	Concrete	4	+1.5	-16.5

Status of Well: ☑ Water Supply ☐ Replacement Well ☑ Test Hole ☐ Recharge Well ☐ Dewatering Well ☐ Observation and/or Monitoring Hole ☐ Alteration (Construction) ☐ Abandoned, Insufficient Supply ☐ Abandoned, Poor Water Quality ☐ Abandoned, other, specify ☐ Other, specify

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To

Water Details

Water found at Depth	Kind of Water
10 (m/ft) ☐ Gas	☑ Fresh ☑ Untested ☐ Other, specify
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, specify
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, specify

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)

Results of Well Yield Testing

After test of well yield, water was: ☑ Clear and sand free ☐ Other, specify

If pumping discontinued, give reason: test complete

Pump intake set at (m/ft): 17

Pumping rate (l/min / GPM): 50

Duration of pumping: 1 hrs + 0 min

Final water level end of pumping (m/ft):

If flowing give rate (l/min/GPM): 0

Recommended pump depth (m/ft): 17

Recommended pump rate (l/min/GPM): 10 gpm pump

Well production (l/min/GPM): tested at 50gpm

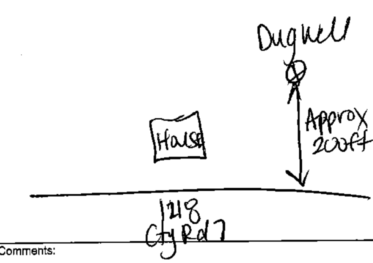
Disinfected? ☑ Yes ☐ No

Draw Down Time (min)	Water Level (m/ft)	Recovery Time (min)	Water Level (m/ft)
Static Level	1'3"		
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
50		50	
60		60	

(Written across table: Dug well with flow rate of (L) 50gpm approx Reserve 250gal)

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor: Q-Logic Water Ltd | Well Contractor's Licence No.: 7717

Business Address (Street Number/Name): 352 Marsh Rd | Municipality: Belleville

Province: Ont | Postal Code: K8N 4Z7 | Business E-mail Address: qlogicwater@live.ca

Bus. Telephone No. (inc. area code): (613)8855696 | Name of Well Technician (Last Name, First Name): Quigley Jamie

Well Technician's Licence No.: 3913 | Signature of Technician and/or Contractor | Date Submitted: 20220406

Well owner's information package delivered ☐ Yes ☐ No | Date Package Delivered: YYYYMMDD | Date Work Completed: 20220329

Ministry Use Only Audit No. Z381160 | Received APR 19 2022

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Ontario — Ministry of the Environment, Conservation and Parks

Measurements recorded in: ☐ Metric ☑ Imperial

Well Tag No. (Place Sticker and/or Print Below): A332210

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

[redacted]

Address of Well Location (Street Number/Name)	Township	Lot	Concession
1456 County Rd 7		59	60 Bayside

County/District/Municipality	City/Town/Village	Province	Postal Code
Prince Edward County	Picton	Ontario	K0K2T0

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 8 3	18	336352	4885585		

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	To
Brown	Clay			0	3
Grey	limestone			3	192

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	20	208 Solids bentonite Slurry	

Method of Construction

☐ Cable Tool ☐ Diamond ☐ Rotary (Conventional) ☐ Jetting ☐ Rotary (Reverse) ☐ Driving ☐ Boring ☐ Digging ☑ Air percussion ☐ Other, specify ____

Well Use

☐ Public ☐ Commercial ☐ Not used ☑ Domestic ☐ Municipal ☐ Dewatering ☐ Livestock ☐ Test Hole ☐ Monitoring ☐ Irrigation ☐ Cooling & Air Conditioning ☐ Industrial ☐ Other, specify ____

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
6 1/4	Steel	.188	+2	20

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To

Status of Well

☑ Water Supply ☐ Replacement Well ☐ Test Hole ☐ Recharge Well ☐ Dewatering Well ☐ Observation and/or Monitoring Hole ☐ Alteration (Construction) ☐ Abandoned, Insufficient Supply ☐ Abandoned, Poor Water Quality ☐ Abandoned, other, specify ____ ☐ Other, specify ____

Water Details

Water found at Depth	Kind of Water	
78 (m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, specify ____	
130 (m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, specify ____	
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, specify ____	

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0		10 1/4
		6 1/8

Well Contractor and Well Technician Information

Business Name of Well Contractor: Holmes Hydrofracking Ltd — Well Contractor's Licence No.: 7453

Business Address (Street Number/Name): 1848 County Rd 9 — Municipality: Napanee

Province: ONT — Postal Code: K7R3K8 — Business E-mail Address: Sean@holmeshydrofracking.com

Bus. Telephone No. (Inc. area code): 6135398991 — Name of Well Technician (Last Name, First Name): Holmes, Sean

Well Technician's Licence No.: 3569 — Signature of Technician and/or Contractor — Date Submitted: 2022 06 20

Results of Well Yield Testing

After test of well yield, water was: ☑ Clear and sand free ☐ Other, specify ____

If pumping discontinued, give reason: ____

Pump intake set at (m/ft): 136

Pumping rate (l/min / GPM): 4

Duration of pumping: 1 hrs + ____ min

Final water level end of pumping (m/ft): 108' 8"

If flowing give rate (l/min/GPM): ____

Recommended pump depth (m/ft): 137'

Recommended pump rate (l/min/GPM): ____

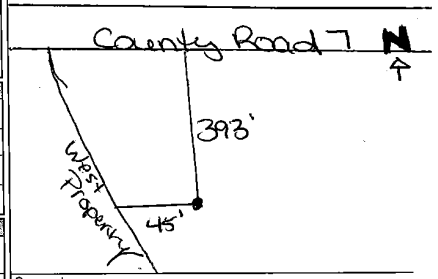
Well production (l/min/GPM): 1

Disinfected? ☑ Yes ☐ No

	Draw Down Time (min)	Draw Down Water Level (m/ft)	Recovery Time (min)	Recovery Water Level (m/ft)
Static Level		21' 8"		
1		22' 3"	1	107' 8"
2		25' 1"	2	106' 8"
3		27' 6"	3	105' 8"
4		29' 9"	4	104' 7"
5		32' 1"	5	103' 6"
10		41' 6"	10	98' 7"
15		49' 6"	15	93' 8"
20		56' 5"	20	88' 9"
25		62' 7"	25	
30		68' 3"	30	79
40		79' 9"	40	69' 1"
50		94' 3"	50	59' 2"
60		108' 8"	60	49' 4"

Map of Well Location

Please provide a map below following instructions on the back.



Comments: ____

Well owner's information package delivered: ☐ Yes ☐ No

Date Package Delivered: 2022 06 20

Date Work Completed: 2022 06 DD

Ministry Use Only

Audit No.: Z378710

Received: JUN 27 2022

JUN 27 2022

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