Land Use Compatibility Study (Hydrogeological)- Melody Bay Trailer Park

Cambium Reference No.: 6225-001

2017-08-28

Prepared for: Parkbridge Lifestyle Communities
c/o EcoVue Consulting Services Inc.

Cambium Inc.

P.O. Box 325
52 Hunter Street East, Peterborough
Ontario, K9H 1G5

Telephone: (866) 217.7900
Facsimile: (705) 742.7907

cambium-inc.com

Executive Summary

The Melody Bay trailer park is located at 33 Melody Bay Road, Buckhorn, Ontario and is proposing to add 11 more trailers to the Site in the northwestern portion of the property. This expansion will be within the 150 m setback from the Buckhorn Sand and Gravel pit. As such, a compatibility study was required from the Municipality of Trent Lakes that determined if the proposed trailer park expansion would be impacted by the gravel pit from a hydrogeological perspective.

Cambium visited the Melody Bar Trailer Park of July 4, 2017 to collect groundwater samples from two on-Site wells. The samples were collected from the Park Well and the House Well. The Park Well supplies potable water to the current extent of the trailer park and will supply potable water to the proposed expansion. The House Well only supplies water to the permanent dwelling found in the northern portion of the Site.

A desktop review of available information (i.e. Water Well Information System, the EBR database and Access Ontario) was completed. Additionally Buckhorn Sand and Gravel was contacted to gain information pertaining to the sewage lagoons.

The conclusions drawn from the study indicate that the operations of the Buckhorn Sand and Gravel pit will not significant impact the proposed expansion for the following reasons:

- The House Well is located within the 150 m setback from the gravel pit. However this well will not provide potable water to the proposed expansion of 11 trailers. The Park Well will provide the potable water for the development.
- The sewage lagoons which are in operation in the gravel pit are located at such a distance from the House Well and Park Well that any risk due to potential bacteriological contamination is considered to be low. Samples collected from both the House Well and the Park Well indicate that there was no presence of bacteriological contamination is either sample.
- There are no contaminants associated with below water extraction of aggregate materials. The only source of contamination would be either spills of fuel or other

materials required for gravel pit operation. Cambium has assumed that proper spills and mitigation plans have been prepared by Buckhorn Sand and Gravel with their approval, therefore the risk of contamination from the gravel pit operations is considered to be low.

- The below water excavation of aggregate materials will induce a minor degree of levelling in those wells up-gradient and down-gradient of the ponds. Since the House Well and Park Well are down-gradient of the pond, the levelling affect will likely result in water levels potentially rising in these wells.
- No Permit To Take Water was noted to exist at the Site, therefore Cambium has presumed that no water is withdrawn at the aggregate pit.

As such the proposed expansion of the Melody Bay Trailer Park is considered compatible with the Buckhorn Sand and Gravel operations.

Cambium Inc.

PROFESSIONAL GEOSCIENTIST
08/28/17
LIMITED MEMBER
KEVIN D. WARNER
1456
ONTARIO

PROFESSIONAL GEOSCIENTIST
08/28/17 C.J.
CAMERON J. MacDOUGALL
PRACTISING MEMBER
2676
ONTARIO

Kevin Warner, M.Sc., P.Geo (Ltd).
Senior Project Manager

Cameron MacDougall, P.Geo.
Environmental Specialist

KDW/cjm

P:\6200 to 6299\6225-001 Parkbridge Lifestyle Communities Inc - Land Use Compatibility Study - Melody Bay Trailer Park\Deliverables\REPORT - Compatibility Study (HydroG)\Final\2017-08-28 Hydro G Report FINAL.docx

Table of Contents

1.0 INTRODUCTION 1
1.1 SITE DESCRIPTION 1
1.1.1 BUCKHORN SAND AND GRAVEL PIT 2
1.1.2 OTHER SURROUNDING LAND USE 3
2.0 METHODOLOGY 4
3.0 GEOLOGICAL AND HYDROGEOLOGICAL CONTEXT 5
3.1 GEOLOGICAL CONDITIONS 5
3.2 HYDROGEOLOGICAL CONDITIONS 5
4.0 RESULTS AND DISCUSSION 7
4.1 GROUNDWATER RESULTS 7
4.2 HYDROGEOLOGICAL IMPACT OF BUCKHORN SAND AND GRAVEL 7
4.2.1 SEWAGE LAGOONS 7
4.2.2 BELOW WATER EXTRACTION 8
5.0 CONCLUSIONS 9
References

List of Appended Tables

Table 1 Groundwater Analytical Parameters

List of Appended Figures

Figure 1 Regional Location Plan
Figure 2 Land Use Plan

List of Appendices

Appendix A Proposed Site Development (Provided by EcoVue)
Appendix B Certificates of Analysis B17-18519
Appendix C Water Well Information System Records

1.0 INTRODUCTION

Cambium Inc. (Cambium) was retained by EcoVue Consulting Services Inc. (EcoVue) to complete a compatibility study at the Melody Bay Trailer Park (referred to herein as the Site), located at 33 Melody Bay Road, Buckhorn, Ontario on behalf of Parkbridge Lifestyle Communities Inc. (the owner of the Melody Bay Trailer Park). Parkbridge Lifestyle Communities Inc. is proposing to add eleven new trailers to the park. The eleven trailers will be placed in the northwestern corner of the Site. An aggregate pit, owned by Buckhorn Sand and Gravel, is located adjacent to the Site to the north. The proposed location of the 11 trailers is within the 150 m buffer of the aggregate pit. As such the Municipality of Trent Lakes requires a compatibility study to ensure that the operations of the aggregate pit will not impact the proposed expansion.

To address this issue, Cambium has prepared a hydrogeological assessment based on the Ministry of the Environment and Climate Change (MOECC's) procedures D-1 and D-6, with respect to the trailer park expansion in proximity to the existing gravel pit. Procedure D-1, section 2.4 (5) specifies that adverse effects may be other contaminates. Furthermore, Procedure D-6 is to be implemented for pits and quarries, in the absence of Site specific studies, when sensitive land use encroaches on an existing pit and/or quarry.

1.1 SITE DESCRIPTION

The Site is approximately 13.8 hectares (ha) in size and is located on the shores of Buckhorn Lake. See Figure 1 for the regional location plan. There are currently 124 trailers on-Site. The proposed addition of 11 trailers will increase the number of trailers to 135. Each of the 11 proposed trailers are within the 150 m buffer zone. See Appendix A for the proposed development plan provided by EcoVue.

In addition to the trailers found on-Site there is an administration building, two pools, a comfort station (which includes washrooms, the drinking water treatment system for the entire park and laundry facilities) and a sports pad. A maintenance shed is found in the northern portion of the Site near the main entrance.

The entire trailer park is serviced from one supply well referred to hereafter as the Park Well. The Park Well is located adjacent to the comfort station. According to information provided by the Site owner during the visit by Cambium staff, the proposed expansion will be serviced solely by the Park Well.

Wastewater generated on-Site is directed to a series of collection tanks that are distributed throughout the Site. The effluent in the collection tanks is pumped to the treatment system which is located in the northern portion of the Site, adjacent to the maintenance shed.

There is a dwelling located in the northern portion of the Site, just southwest of the maintenance shed. The dwelling is a permanent structure and is provided drinking water by an adjacent drilled well (hereafter referred to as the House Well). The dwelling is also serviced by a dedicated wastewater system. The well and wastewater treatment system do not service any structures other than the dwelling. The proposed expansion of the trailer park will occur between the western property boundary and the dwelling.

1.1.1 BUCKHORN SAND AND GRAVEL PIT

The aggregate pit located adjacent to the Site to the north is owned by numbered company 1106488 Ontario Limited. Local signage indicates that Buckhorn Sand and Gravel operates out of the pit. The pit is licenced under Aggregate Resource Act Licence Number 3286 and, according to Buckhorn Sand and Gravel, has been approved to extract aggregate materials from below the water table. Below water extraction occurs in the two ponds found in the eastern portion of the pit (see Figure 2).

A wastewater lagoon is also operated at the pit. The lagoon(s) are found in the northwestern corner of the pit and is located approximately 240 m from the southern property boundary of the pit. The nearest well to the lagoons is the House Well at a distance of approximately 340 m. A copy of the Certificate of Approval (C of A) that governs the operation of the wastewater lagoon could not be acquired by Cambium. However the following information was acquired from the Environmental Registry (Government of Ontario, 2017):

- C of A number: A710161.

- Approved to use and operate a waste disposal site, winter storage lagoon with a total area of 4,000 m².
- Household and commercial sewage is approved for transfer at the Site at a maximum rate of 16,500 Litres/day and at a maximum total storage volume of 3,800 m³.
- Sewage generated from Counties of Peterborough, Victoria and Northumberland can be deposited in the lagoon.

In addition to the above, Cambium contacted Buckhorn Sand and Gravel to acquire more information pertaining to the lagoons. The lagoons are primarily used as storage for wastes during the winter months. In the summer, wastes are not generally stored in the lagoons but disposed of elsewhere.

1.1.2 OTHER SURROUNDING LAND USE

All other surrounding land use is either residential or rural. These types of land use are considered to be compatible with the proposed expansion at the Site.

2.0 METHODOLOGY

A Cambium Specialist was on-Site on July 4, 2017 to collect groundwater samples and to complete a visual inspection of the Site

Groundwater samples were collected from the Park Well and the House Well. Both of these wells consisted of 0.15 m diameter steel casing drilled wells and were plumbed into the distribution system which they served. As such the samples were collected at the first tap available prior to a water quality treatment system. In the case of the Park Well, this sample tap was located in the water treatment room. In the case of the House Well, the sample tap was an exterior tap which a garden hose was connected to (it is noted that the hose was disconnected and the sample collected directly from the tap). Prior to sample collection approximately 80 L of water was purged from each tap. Each sample was analyzed for those parameters outlined in Table 1. In both cases the tap was flared and disinfected prior to sample collection.

The samples were stored in coolers with freezer packs and maintained at less than 10°C after collection and during transport to Caduceon Environmental Laboratories in Kingston, Ontario (Caduceon). Caduceon is accredited by the Canadian Associations for Laboratory Accreditation Inc. (CALA) for specific environmental tests listed in the scope of accreditation approved by the CALA.

The results of the groundwater sampling have been attached as Appendix B.

3.0 GEOLOGICAL AND HYDROGEOLOGICAL CONTEXT

3.1 GEOLOGICAL CONDITIONS

The Site is located just outside the extent of the sedimentary bedrock that is found across most of southern Ontario. According to available mapping Precambrian bedrock is found on-Site that consists of early felsic plutonic rock, granodiorite, tonalite, monzogranite, syenogranite; derived gneisess and migmatites. Limestones associated with the Simcoe Group (specifically the Gull River and Bobcaygeon formations) are found immediately to the east, west and south of the Site (Ontario Geological Survey, 1991).

According to Map 2556 of the Ontario Geological Survey (Barnett, P.J., Cowan. W.R. and Henry, A.P., 1991) the Site is located in an area where the following surficial conditions are present:

- Till: Undifferentiated, predominantly sand matrix, extremely stony, boulder and high in total matrix carbonate, often associated with stratified sediments

3.2 HYDROGEOLOGICAL CONDITIONS

Using the MOECC's Water Well Information System (WWIS) it was determined that there are 37 water wells found within approximately 500 m of the Site. Of the 37 records, 32 indicate that supply wells were installed in bedrock, 1 indicates that a supply well was installed in the overburden, 3 records documented the decommissioning of wells and 1 record was for the installation of a monitoring well (in overburden). These records have been attached as Appendix C.

Of the 32 bedrock well records, 27 indicate that the wells were installed in granite. The remaining 5 records indicate that the wells were installed in limestone. The depth of the bedrock wells ranged between 5.79 m below ground surface (mBGS) to 79.88 mBGS. The bedrock wells typically encountered water between 5 mBGS and 20 mBGS; the static water levels of the bedrock wells were typically reported to be between 1.5 mBGS and 3 mBGS.

During the July 4, 2017 Site visit no well identification tags were observed on the Park Well or the House Well. The depths of the Park Well and House Well were measured to be 6.43 mBGS and 9.82 mBGS, respectively. As such these wells are both presumed to have been installed in granitic bedrock, as per the information outlined above.

The primary source of groundwater in the area appears to be from a shallow fracture group that exists in the granitic bedrock. Deeper water bearing fractures were encountered by wells installed in the area and the connectivity to the shallow bedrock aquifer is not known.

Shallow groundwater flow through the bedrock aquifer on-Site (and in the surrounding areas) is inferred to be southeastwards, towards Buckhorn Lake.

4.0 RESULTS AND DISCUSSION

4.1 GROUNDWATER RESULTS

Analytical results of the sampling at the Park Well and House Well were compared to the Ontario Drinking Water Quality Standards (ODWQS) (Ministry of the Environment, June 2006). The results indicate that the water quality of each of these locations was considered to be good. The concentration of hardness in both samples was greater than the ODWQS criteria. No other parameters were reported at concentrations greater than the ODWQS criteria from the Park Well. The concentrations of iron and manganese were reported at concentrations greater than ODWQS criteria from the sample collected from the House Well.

The concentrations of E.Coli and Total Coliform were both reported as 0 cfu/100 ml from both wells.

4.2 HYDROGEOLOGICAL IMPACT OF BUCKHORN SAND AND GRAVEL

The Buckhorn Sand and Gravel pit located adjacent the Site to the north is considered to be compatible, from a hydrogeological perspective, with the proposed development of the 11 new trailers at the Site.

4.2.1 SEWAGE LAGOONS

As discussed previously, there are two sewage lagoons located in the Buckhorn Sand and Gravel pit. These lagoons are un-lined and are found in the northwestern corner of the gravel pit. The House Well is the nearest well on-Site to the lagoons at a distance of approximately 340 m. The risk of bacterial contamination of the House Well at this distance is considered to be low. Additionally the analytical results from this well indicate that there is no bacterial contamination currently present at this location. By extension, the Park Well (which will service the proposed expansion) is not considered to be at risk of bacterial contamination either since it is located approximately 560 m from the sewage lagoons.

4.2.2 BELOW WATER EXTRACTION

Buckhorn Sand and Gravel is licenced to extract aggregate material from below the water table. There are no contaminants associated with this process. The only source of contamination could be if fuel or other materials accidentally spill into the excavation ponds. Cambium has assumed that Buckhorn Sand and Gravel has spill response procedures to mitigate and clean up such spills. As such the risk of the House Well or Park Well becoming contaminated by the below water extraction operations is considered to be low.

As per Appendix A, the House Well is located within the 150 m setback from the pit. According to information provided to Cambium by on-Site staff at Melody Bay the House Well will not be utilized as a water supply for the proposed expansion. The proposed expansion will receive potable water from the Park Well.

Regardless, there will likely be no significantly impacts on the House Well from the below water extraction that occurs at the Buckhorn Sand and Gravel pit (also none have been recorded to date). The excavation of a pond in the water table aquifer may minimally impact the water table by lowering the water table marginally in the areas hydraulically up-gradient of the pond and raising the water levels of the water table in those areas hydraulically down-gradient of the pond. This effect is called levelling. Since groundwater flow in the shallow aquifer is considered to be southwards, the water level reported from the House Well (and Park Well) will likely not decrease (if it fluctuates at all).

The online Permit To Take Water locator provided by the MOECC indicated that there were no permits presently active at the Buckhorn Sand and Gravel Pit.

5.0 CONCLUSIONS

The Melody Bay trailer park is proposing to add 11 more trailers to the Site in the northwestern portion of the property. This expansion will be within the 150 m setback from the Buckhorn Sand and Gravel pit. As such, a compatibility study was required which determined if the proposed trailer park expansion would be impacted by the gravel pit, from a hydrogeological perspective.

The conclusion drawn from the study indicate that the proposed expansion is compatible with the gravel pit currently in operation adjacent to the Site to the north since there will not be any significant impacts resulting from the development. The development is considered compatible with the adjacent gravel pit operations for the following reasons:

- The House Well is located within the 150 m setback from the gravel pit. However this well will not provide potable water to the proposed expansion of 11 trailers. The Park Well will provide the potable water for the development.
- The sewage lagoons that operate out of the gravel pit are located at such a distance from the House Well and Park Well that any risk due to potential bacteriological contamination is considered to be low. Samples collected from both the House Well and the Park Well indicate that there was no presence of bacteriological contamination is either sample.
- There are no contaminants associated with below water extraction of aggregate materials. The only source of contamination would be either spills of fuel or other materials required for gravel pit operation. Cambium has assumed that proper spills and mitigation plans have been prepared by Buckhorn Sand and Gravel, therefore the risk of contamination from the gravel pit operations is considered to be low.
- The below water excavations for aggregate materials will induce a minor degree of levelling in those wells up-gradient and down-gradient of the ponds. Since the House Well and Park Well are down-gradient of the pond the levelling may make water levels rise in these wells.

- No Permit To Take Water was noted to exists at the Site, therefore Cambium has presumed that no water is withdrawn at the aggregate pit.

References

Barnett, P.J., Cowan. W.R. and Henry, A.P. (1991). Quaternary Geology of Ontario, southern sheet: Ontario Geological Survey. Map 2556, scale 1:1 000 000.

Government of Ontario. (2017). *Environmental Registry*. Retrieved 07 7, 2017, from file:///P:/6200%20to%206299/6225-001%20Parkbridge%20Lifestyle%20Communities%20Inc.%20-%20Land%20Use%20Compatibility%20Study%20-%20Melody%20Bay%20Trailer%20Park/Background/Environmental%20Registry.html

Ministry of the Environment. (June 2006). *Technical Support Document for Ontario Drinking Water Standards, Objectives and Guidelines.*

Ontario Geological Survey. (1991). Bedrock Geology of Ontario, southern sheet; Ontario Geological Survey, Map 2544, scale 1:100 000.

Appended Tables

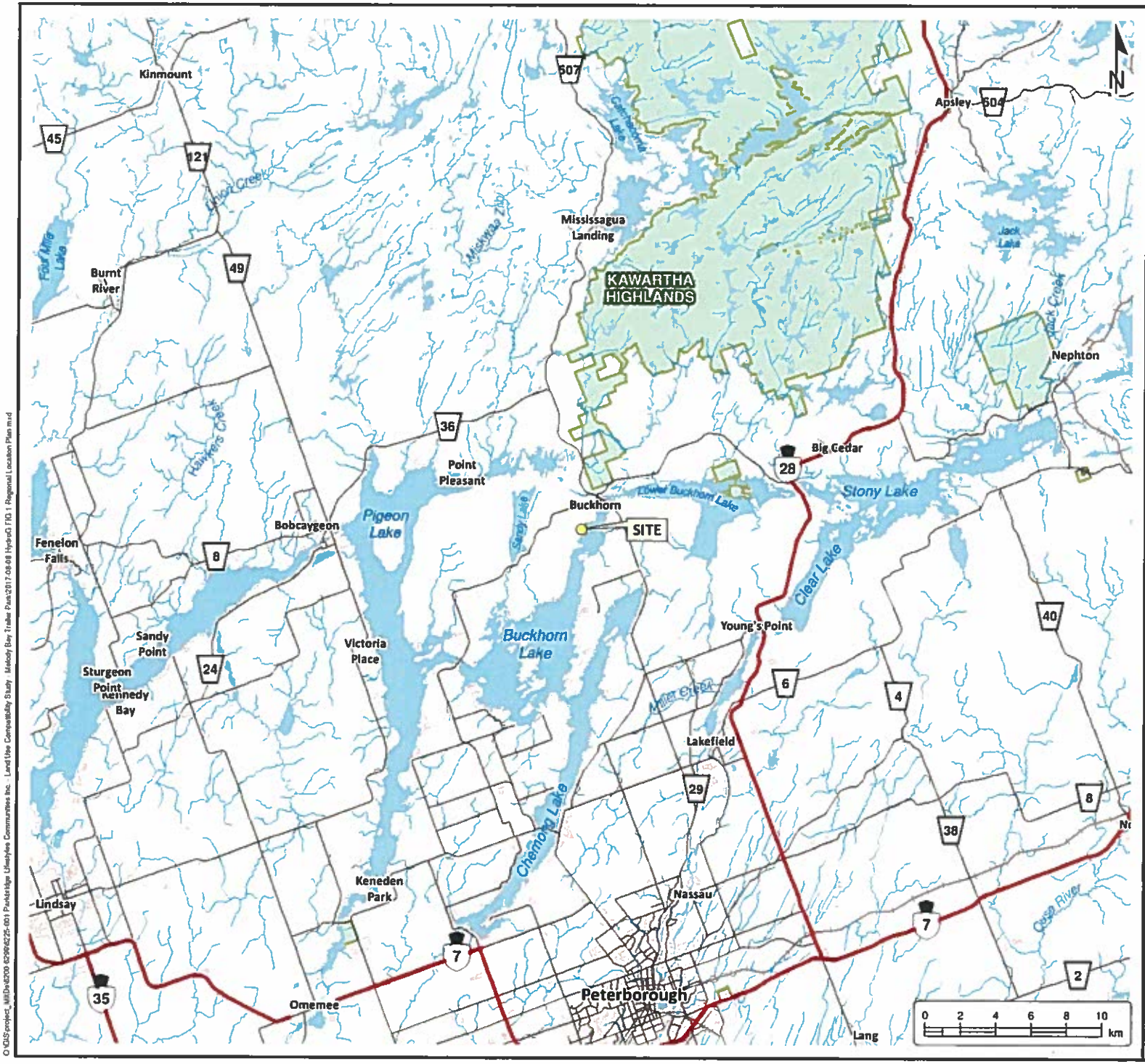
Table 1

Compatibility Study – Melody Bay Trailer Park

Groundwater Analytical Parameters

Location	Parameters
<u>Groundwater</u> House Well, Park Well	Total Coliform, E coli, Heterotrophic Plate Count Alkalinity, pH, Conductivity, Colour, Turbidity, Fluoride, Chloride, Nitrite (N), Nitrate (N), Sulphate Total Suspended Solids, Phosphorus-Total, Total Kjeldahl Nitrogen, Ammonia + Ammonium (N), Organic Nitrogen, Dissolved Organic Carbon, Sulphide, Tannins and Lignins, Phenolics, Hardness (as CaCO3), Aluminum, Antimony, Arsenic, Barium, Beryllium, Bismuth, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Molybdenum, Nickel, Potassium, Selenium, Silicon, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Uranium, Vanadium, Zinc Anion Sum, Cation Sum, % Difference, Ion Ratio, Conductivity (calc.), TDS(ion sum calc.), Langelier Index(25°C), Saturation pH (25°C)

Appended Figures



COMPATIBILITY STUDY (HYDROGEOLOGICAL ASSESSMENT)

PARKBRIDGE LIFESTYLE COMMUNITIES INC.

33 Melody Bay Road, Buckhorn, Ontario

LEGEND

- Highway
- Major Road
- Railroad
- Watercourse
- Water Area
- Provincial Park
- Built-Up Area
- Wooded Area

Notes:

Base mapping features are © Queen's Printer of Ontario, 2017 (this does not constitute an endorsement by the Ministry of Natural Resources or the Ontario Government)

Distances on the plan are in metres and can be converted to feet by dividing by 0.3048

Cambium Inc. makes every effort to ensure this map is free from errors but cannot be held responsible for any damages due to error or omissions. This map should not be used for navigation or legal purposes. It is intended for general reference use only

CAMBIUM

P.O. Box 325, 52 Hunter Street East
Peterborough, Ontario, K9H 1G5
Tel: (705) 742.7900 Fax: (705) 742.7907
www.cambium-inc.com

REGIONAL LOCATION PLAN

Project No.: 6225-001		Date: August 2017	
Scale: 1:300,000		Projection: NAD 1983 UTM Zone 17N	
Created by: GJM	Checked by: KDW	Figure: 1	

O:\GIS\project_MXDs\6200-6299\6225-001 ParkBridge Lifestyles Communities Inc. - Land Use Compatibility Study - Melody Bay Trailer Park\2017-08-08 HydroG FIG 1 Regional Location Plan.mxd

COMPATIBILITY STUDY (HYDROGEOLOGICAL ASSESSMENT)

PARKBRIDGE LIFESTYLE COMMUNITIES INC.

33 Melody Bay Road, Buckhorn, Ontario

LEGEND

- Well
- Contour 5m Interval (Major)
- Contour 5m Interval (Minor)
- Lot / Concession
- Subject Property (Approximate)

Notes:
1. 2016 aerial imagery accessed August, 2017 from ArcGIS Online Source Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
2. Base mapping features are © Queen's Printer of Ontario, 2017 (this does not constitute an endorsement by the Ministry of Natural Resources or the Ontario Government)
3. Distances on this plan are in metres and can be converted to feet by dividing by 0.3048
4. Cambium Inc. makes every effort to ensure this map is free from errors but cannot be held responsible for any damages due to error or omissions. This map should not be used for navigation or legal purposes. It is intended for general reference use only

CAMBIUM
P.O. Box 325, 52 Hunter Street East
Peterborough, Ontario, K9H 1G5
Tel: (705) 742.7900 Fax: (705) 742.7907
www.cambium-inc.com

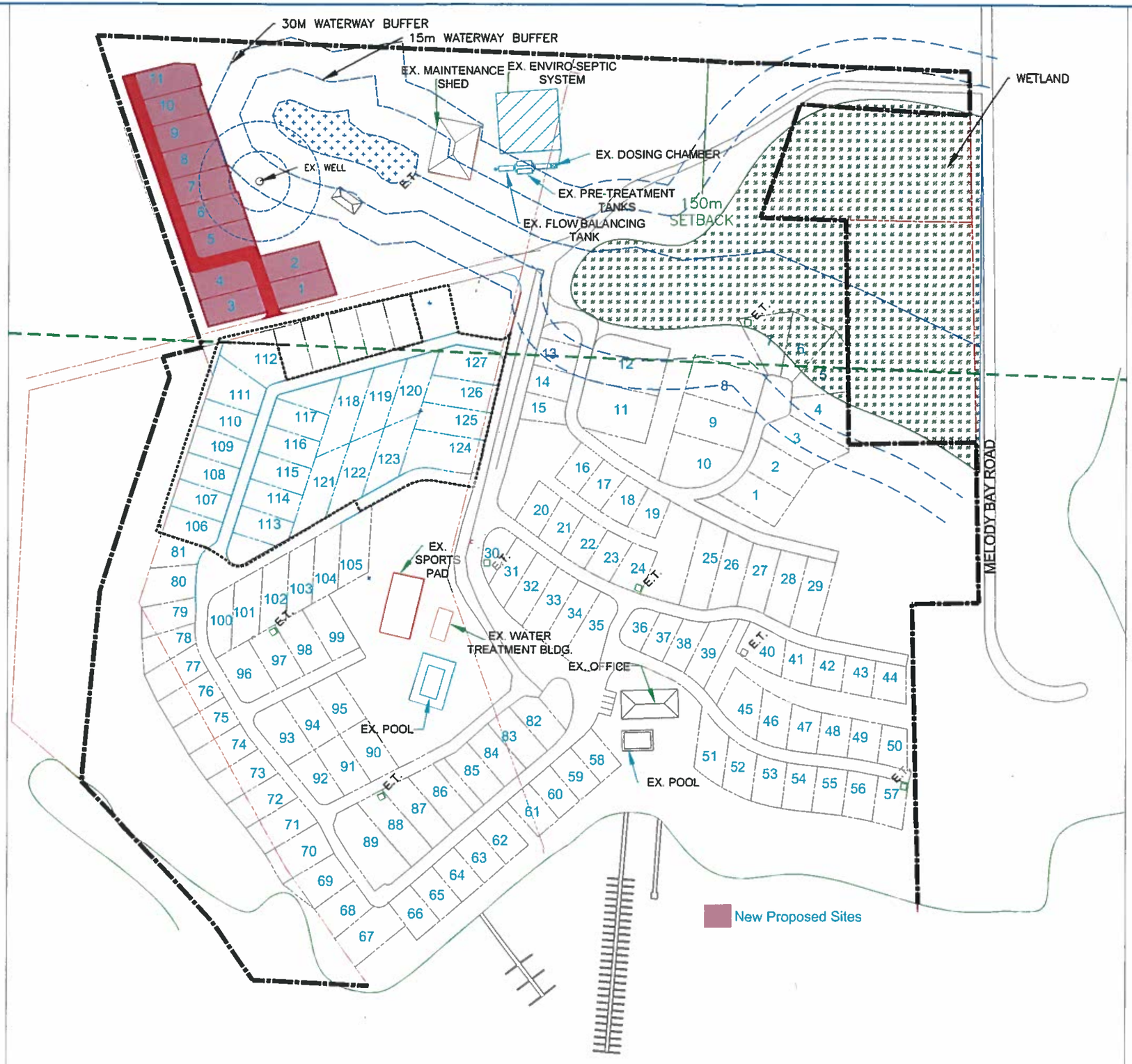
SITE PLAN

Project No.:	6225-001	Date:	August 2017
Scale:	1:5,000	Rev.:	
Created by:	GJM	Projection:	NAD 1983 UTM Zone 17N
Checked by:	KDW	Figure:	2

O:\GIS\project_MAPS\6200-6299\6225-001 Parkbridge Lifestyle Communities Inc. - Land Use Compatibility Study\Melody Bay Trailer Park\2017-09-08 HydroQ FIG 2 Site Plan.mxd

Appendix A

Proposed Site Development (Provided by EcoVue)



PROPERTY AREA	13.8 Hectares	
TOTAL SITES	EXISTING 105 PROPOSED 127	
SITE AREA (MIN)	279 m2	385 m2
LOT COVERAGE (MAX)	20%	13%
SITE COVERAGE (MIN)	24%	32%
Description	ZONING	PROPOSED

E.T. – EX. TRANSFORMER (8 TOTAL)

No	Date	Description	By
3			
2			
1	APR 13 2018	Revised for 2018 Lots	ML

REVISIONS

Do not scale drawings.

Contractor is to check all dimensions and report any omissions or discrepancies to the Architect before proceeding with construction.

Parkbridge LIFESTYLE COMMUNITIES INC.

Date	JULY 2015
Drawn	BB
Checked	RW
Approved	
CAD Version	AUTOCAD 2013

MELODY BAY

33 Melody Bay Rd ·
LAKEFIELD ONTARIO

DRAFT
SITE
PLAN

Scale 1:2000	Revision No 3
Project No MEL2014DS01	Drawing No SP-1

Appendix B
Certificates of Analysis B17-18519

CADUCEON™
ENVIRONMENTAL LABORATORIES
Client committed. Quality assured.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G39850

REPORT No. B17-18519

Report To:

Cambium Environmental
PO Box 325, 52 Hunter Street East
Peterborough ON K9H 1G5 Canada
Attention: Cameron MacDougall

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 05-Jul-17
DATE REPORTED: 13-Jul-17
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 6225-001
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		Park Well	House Well		
			Sample I.D.		B17-18519-1	B17-18519-2		
			Date Collected		04-Jul-17	04-Jul-17		
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Total Coliform	cfu/100mL	1	MOE E3407	05-Jul-17/K	0	0		
E coli	cfu/100mL	1	MOE E3407	05-Jul-17/K	0	0		
Heterotrophic Plate Count	cfu/mL	10	SM9215D	05-Jul-17/K	30	670		
Alkalinity(CaCO3) to pH4.5	mg/L	3	SM 2320	06-Jul-17/K	188	223		
pH @25°C	pH Units		SM4500H+	06-Jul-17/K	7.74	7.77		
Conductivity @25°C	µmho/cm	1	SM2510B	06-Jul-17/K	442	465		
Colour	TCU	2	SM2120C	05-Jul-17/K	3	3		
Turbidity	NTU	0.2	SM2130B	06-Jul-17/K	0.6	5.0		
Fluoride	mg/L	0.1	SM4110C	06-Jul-17/O	0.6	0.6		
Chloride	mg/L	0.5	SM4110C	06-Jul-17/O	6.7	3.3		
Nitrite (N)	mg/L	0.1	SM4110C	06-Jul-17/O	< 0.1	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	06-Jul-17/O	2.1	< 0.1		
Sulphate	mg/L	1	SM4110C	06-Jul-17/O	12	8		
Total Suspended Solids	mg/L	3	SM2540D	07-Jul-17/K	3	4		
Phosphorus-Total	mg/L	0.01	E3199A.1	12-Jul-17/K	< 0.01	< 0.01		
Total Kjeldahl Nitrogen	mg/L	0.1	E3199A.1	06-Jul-17/K	< 0.1	< 0.1		
Ammonia + Ammonium (N)	mg/L	0.05	SM4500-NH3-H	07-Jul-17/K	< 0.05	< 0.05		
Organic Nitrogen	mg/L	0.10	MOEE 3367	07-Jul-17/O	< 0.10	< 0.10		
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	07-Jul-17/O	1.1	0.8		
Sulphide	mg/L	0.01	SM4500-S2	07-Jul-17/K	< 0.01	< 0.01		
Tannins and Lignins	mg/L	0.10	SM5500B	06-Jul-17/K	0.12	0.14		
Phenolics	mg/L	0.001	MOEE 3179	10-Jul-17/O	< 0.001	< 0.001		
Hardness (as CaCO3)	mg/L	1	SM 3120	07-Jul-17/O	231	256		
Aluminum	mg/L	0.01	SM 3120	07-Jul-17/O	0.03	0.05		
Antimony	mg/L	0.0001	EPA 200.8	07-Jul-17/O	< 0.0001	< 0.0001		
Arsenic	mg/L	0.0001	EPA 200.8	07-Jul-17/O	< 0.0001	< 0.0001		
Barium	mg/L	0.001	SM 3120	07-Jul-17/O	0.083	0.072		

R.L. = Reporting Limit
Test methods may be modified from specified reference method unless indicated by an *
Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill

Michelle Dubien
Lab Manager

CADUCEON ENVIRONMENTAL LABORATORIES
Client committed. Quality assured.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G39850

REPORT No. B17-18519

Report To:
Cambium Environmental
PO Box 325, 52 Hunter Street East
Peterborough ON K9H 1G5 Canada
Attention: Cameron MacDougall

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 05-Jul-17
DATE REPORTED: 13-Jul-17
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 6225-001
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		Park Well	House Well		
			Sample I.D.		B17-18519-1	B17-18519-2		
			Date Collected		04-Jul-17	04-Jul-17		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed				
Beryllium	mg/L	0.002	SM 3120	07-Jul-17/O	< 0.002	< 0.002		
Bismuth	mg/L	0.02	SM 3120	07-Jul-17/O	< 0.02	< 0.02		
Boron	mg/L	0.005	SM 3120	07-Jul-17/O	0.007	< 0.005		
Cadmium	mg/L	0.000014	EPA 200.8	07-Jul-17/O	< 0.000014	< 0.000014		
Calcium	mg/L	0.02	SM 3120	07-Jul-17/O	85.9	95.0		
Chromium	mg/L	0.002	SM 3120	07-Jul-17/O	< 0.002	< 0.002		
Cobalt	mg/L	0.005	SM 3120	07-Jul-17/O	< 0.005	< 0.005		
Copper	mg/L	0.002	SM 3120	07-Jul-17/O	0.008	0.026		
Iron	mg/L	0.005	SM 3120	07-Jul-17/O	0.016	0.490		
Lead	mg/L	0.00002	EPA 200.8	07-Jul-17/O	0.00022	0.00120		
Magnesium	mg/L	0.01	SM 3120	07-Jul-17/O	3.90	4.41		
Manganese	mg/L	0.001	SM 3120	07-Jul-17/O	< 0.001	0.055		
Molybdenum	mg/L	0.01	SM 3120	07-Jul-17/O	< 0.01	< 0.01		
Nickel	mg/L	0.01	SM 3120	07-Jul-17/O	< 0.01	< 0.01		
Potassium	mg/L	0.1	SM 3120	07-Jul-17/O	0.7	0.5		
Selenium	mg/L	0.001	EPA 200.8	07-Jul-17/O	< 0.001	< 0.001		
Silicon	mg/L	0.01	SM 3120	07-Jul-17/O	4.23	4.20		
Silver	mg/L	0.00002	EPA 200.8	07-Jul-17/O	< 0.00002	< 0.00002		
Sodium	mg/L	0.2	SM 3120	07-Jul-17/O	4.9	2.1		
Strontium	mg/L	0.001	SM 3120	07-Jul-17/O	0.286	0.400		
Thallium	mg/L	0.00005	EPA 200.8	07-Jul-17/O	< 0.00005	< 0.00005		
Tin	mg/L	0.05	SM 3120	07-Jul-17/O	< 0.05	< 0.05		
Titanium	mg/L	0.005	SM 3120	07-Jul-17/O	< 0.005	< 0.005		
Uranium	mg/L	0.00005	EPA 200.8	07-Jul-17/O	0.00703	0.0103		
Vanadium	mg/L	0.005	SM 3120	07-Jul-17/O	< 0.005	< 0.005		
Zinc	mg/L	0.005	SM 3120	07-Jul-17/O	0.009	0.005		
Anion Sum	meq/L		Calc.	07-Jul-17/O	4.38	4.76		

Michelle Dubien
Lab Manager

R.L. = Reporting Limit
Test methods may be modified from specified reference method unless indicated by an *
Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill

CADUCEON™ ENVIRONMENTAL LABORATORIES
Client committed. Quality assured.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G39850 **REPORT No. B17-18519**

Report To:
Cambium Environmental
PO Box 325, 52 Hunter Street East
Peterborough ON K9H 1G5 Canada
Attention: Cameron MacDougall

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 05-Jul-17
DATE REPORTED: 13-Jul-17
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 6225-001
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		Park Well	House Well		
			Sample I.D.		B17-18519-1	B17-18519-2		
			Date Collected		04-Jul-17	04-Jul-17		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed				
Cation Sum	meq/L		Calc.	07-Jul-17/O	4.84	5.23		
% Difference	%		Calc.	07-Jul-17/O	5.05	4.71		
Ion Ratio	AS/CS		Calc.	07-Jul-17/O	0.904	0.910		
Conductivity (calc.)	µmho/cm		Calc.	07-Jul-17/O	441	465		
TDS(ion sum calc.)	mg/L		Calc.	07-Jul-17/O	237	249		
Langelier Index(25°C)	S.I.		Calc.	07-Jul-17/O	0.516	0.664		
Saturation pH (25°C)	-		Calc.	07-Jul-17/O	7.22	7.11		

R.L. = Reporting Limit
Test methods may be modified from specified reference method unless indicated by an *
Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill

Michelle Dubien
Lab Manager

Appendix C

Water Well Information System Records

31D9W

UTM: 17 709640E
18 4934952N

Elev. 16 10820

Basin 24

51 No 1654

The Ontario Water Resources Commission Act

WATER WELL RECORD

County or District Peterboro

Township, Village, Town or City Harvey

Con. 10 Lot 7

Date completed 13th (day) Aug. (month) 1965 (year)

[redacted] dress 8 Kim Crt. Scarboro

Casing and Screen Record

Inside diameter of casing 6¼"

Total length of casing 15'

Type of screen

Length of screen

Depth to top of screen

Diameter of finished hole 6"

Pumping Test

Static level 2'

Test-pumping rate 14 G.P.M.

Pumping level 4'

Duration of test pumping 1 hr.

Water clear or cloudy at end of test clear

Recommended pumping rate 7 G.P.M.

with pump setting of 10' feet below ground surface

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Water Record: Kind of water (fresh, salty, sulphur)
Sandy loom	0'	10'		
Sandy gravel	10'	15'		
red granite	15'	21'	16'-21'	fresh

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

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

Drilling or Boring Firm Stuart Stockdale Well Drilling

Address R. R. #2, Peterboro

Licence Number 1788

Name of Driller or Borer Stuart Stockdale

Address R. R. #2, Peterboro

Date Aug. 14th/65

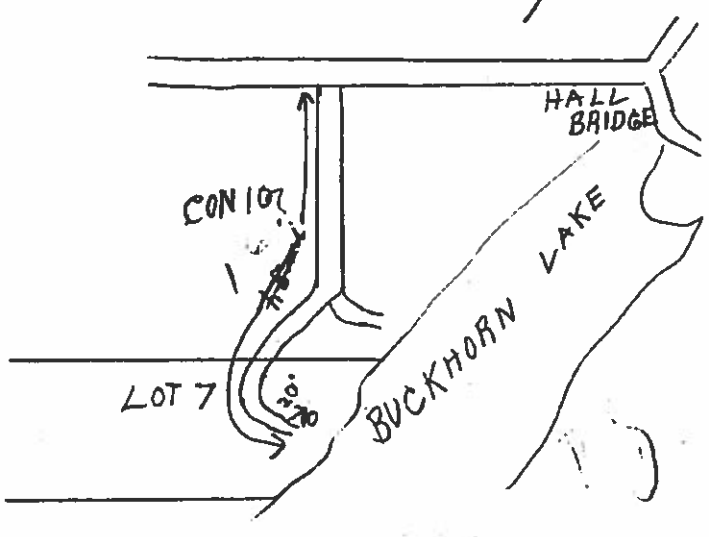
Stuart Stockdale
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M Sets 60-5930

OWRC COPY

Location of Well

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



3109W

UTM 17 709620 E
17R 4943511 2 N

Elev. 16R 1078.30

The Ontario Water Resources Commission Act

WATER WELL RECORD

51 No. 1655

County or District Peterboro

Township, Village, Town or City Harvey

Con. 10 Lot 7

Date completed 25th (day) April (month) 1966 (year)

[redacted] Address R.R. #1, Lakefield

Casing and Screen Record

Inside diameter of casing 6"

Total length of casing 10'

Type of screen

Length of screen

Depth to top of screen

Diameter of finished hole 6"

Pumping Test

Static level 3'

Test-pumping rate 10 G.P.M.

Pumping level 12'

Duration of test pumping 2 hrs

Water clear or cloudy at end of test clear

Recommended pumping rate 5 G.P.M.

with pump setting of 19' feet below ground surface

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Water Record: Kind of water (fresh, salty, sulphur)
Sandy loom	0'	7'		
red granite	7'	22'	18'-22	fresh

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

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

Drilling or Boring Firm Stuart Stockdale Well Drilling

Address R. R. #2, Peterboro

Licence Number 2233

Name of Driller or Borer Same

Address Same

Date May 5th/66

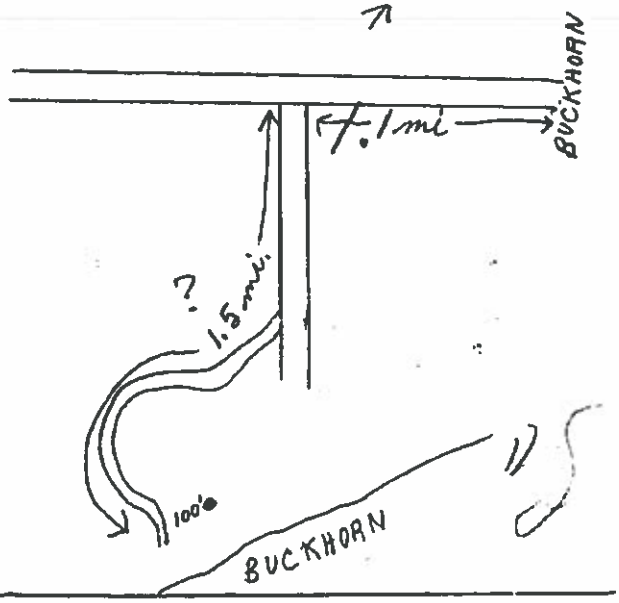
Stuart Stockdale
(Signature of Licensed Drilling or Boring Contractor)

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.



31D9W

UTM: 18 709704 E
15 4919341 9848 N

Elev. 18 1018201

Basin 2A

WATER WELL RECORD

The Ontario Water Resources Commission Act

51 No 1656

County or District Peterboro

Township, Village, Town or City Harvey

Con. 10 Lot 7

Date completed 5th (day) May (month) 1966 (year)

[redacted]

Address R.R. #1, Lakefield

Casing and Screen Record

Inside diameter of casing 6¼"

Total length of casing 20'

Type of screen

Length of screen

Depth to top of screen

Diameter of finished hole 6"

Pumping Test

Static level 2'

Test-pumping rate 7 G.P.M.

Pumping level 10'

Duration of test pumping 2 hrs.

Water clear or cloudy at end of test clear

Recommended pumping rate 5 G.P.M.

with pump setting of 16' feet below ground surface

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Water Record: Kind of water (fresh, salty, sulphur)
sandy loam	0'	12'		
sand & gravel	12'	17'		
red granite	17'	19'	18'-19'	fresh

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

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

Drilling or Boring Firm Stuart Stockdale Well Drilling

Address R.R. # 2, Peterboro

Licence Number 2233

Name of Driller or Borer Same

Address Same

Date May 5th/66

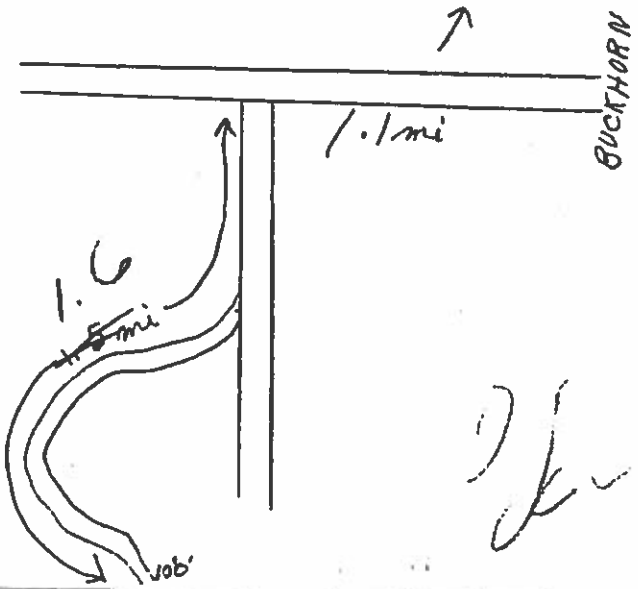
Stuart Stockdale
(Signature of Licensed Drilling or Boring Contractor)

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.



MINISTRY OF THE ENVIRONMENT

The Ontario Water Resources Act

WATER WELL RECORD

Ontario

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

11 | 5108403 | 5101 | CON | 10

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON	BLOCK	TRACT	SURVEY ETC	LOT
Peterboro	Harvey	Con. 10 AR				008 AR

[redacted] 6 Bellevue Rd.

DATE COMPLETED: DAY 25 MO [illegible] YR 92

UTM: 735550 | ELEVATION: 0860 | DEPTH FROM: 24

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
BROWN	SAND			0	32
GREY	LIMESTONE			32	36

SAND

31 | 0032628 | 0036215

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0010	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
10-37	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	DEPTH - FEET TO
06	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	0	032
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			
	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	PUMPING RATE	DURATION OF PUMPING
1 ☐ PUMP 2 ☒ BAILER	0020 GPM	01 HOURS 40 MINUTES

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
003 FEET	003 FEET	1 ☐ PUMPING 2 ☒ RECOVERY	003 FEET	003 FEET	003 FEET	003 FEET

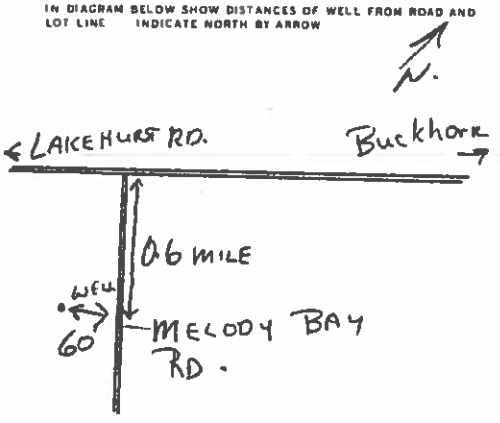
IF PUMPING GIVE RATE ____ GPM | PUMP INTAKE SET AT 25 FEET | WATER AT END OF TEST: 1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☒ SHALLOW ☐ DEEP | RECOMMENDED PUMP SETTING 025 FEET | RECOMMENDED PUMP RATE 0004 GPM

____ GPM / FT. SPECIFIC CAPACITY

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

WATER USE 01
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
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: Anton Urban | LICENCE NUMBER: 5102
ADDRESS: RR#10 Peterboro
NAME OF DRILLER OR BORER: John Cook | LICENCE NUMBER: —
SIGNATURE OF CONTRACTOR: Anton Urban | SUBMISSION DATE: DAY 25 MO MAY YR 92

OFFICE USE ONLY

DATA SOURCE 1 | CONTRACTOR 5102 | DATE RECEIVED 920527
DATE OF INSPECTION | INSPECTOR
REMARKS
P
WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 MOE 07-091

MINISTRY OF THE ENVIRONMENT

The Ontario Water Resources Act

WATER WELL RECORD

3109W

Ontario

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

(11) 5108436 Stoll Con 109

COUNTY OR DISTRICT	TOWNSHIP BOROUGH CITY TOWN VILLAGE	CON BLOCK TRACT SURVEY ETC	LOT
Peterboro	HARVEY? Ennismore	Con. #9 GR	007 GR

[redacted] JANEST ST Peterboro — DATE COMPLETED DAY 26 MO 05 YR 97

935200 S 0815 E 24

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
BROWN	SAND			0	29
GREY	LIMESTONE			29	32

(31) 0029628 0032215

(32)

(41) WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0010	1 ☒ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
10-29	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL

(51) CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
06	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	0	0029
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			
	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	PUMPING RATE GPM	DURATION OF PUMPING HOURS	MINS
1 ☐ PUMP 2 ☒ BAILER	0005	01	40

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☒ RECOVERY	10 MINUTES	20 MINUTES	30 MINUTES	40 MINUTES	60 MINUTES
003 FEET	026 FEET		003 FEET	003 FEET	003 FEET	003 FEET	003 FEET

IF FLOWING GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST	RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
GPM	28 FEET	1 ☒ CLEAR 2 ☐ CLOUDY	☑ SHALLOW ☐ DEEP	028 FEET	0005 GPM

GPM / FT SPECIFIC CAPACITY

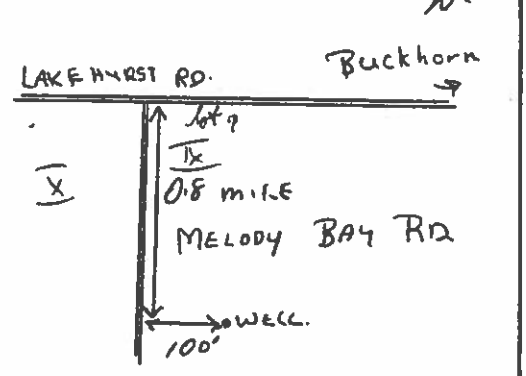
FINAL STATUS OF WELL 1
1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED POOR QUALITY 7 ☐ UNFINISHED

WATER USE 01
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
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: Aaron Urban — LICENCE NUMBER: 5102
ADDRESS: R#10 Peterboro
NAME OF DRILLER OR BORER: John Cook — LICENCE NUMBER: —
SIGNATURE OF CONTRACTOR: Aaron Urban — SUBMISSION DATE: DAY 26 MO May YR 97

OFFICE USE ONLY

DATA SOURCE 1 — CONTRACTOR 5102 — DATE RECEIVED 900677
DATE OF INSPECTION — INSPECTOR
REMARKS
P July 6/98 gs
WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 07 091

MINISTRY OF THE ENVIRONMENT

The Ontario Water Resources Act

WATER WELL RECORD

S1D9W

ONTARIO

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

(11) 5108519 | 6 | 10 | CON | 10

COUNTY OR DISTRICT: SMITH | TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: HARVEY | CON | BLOCK | TRACT, SURVEY, ETC.: .10 NS (BLOCK 8) | 007

[redacted] HAZEL ST. BURLINGTON | DATE COMPLETED: DAY 22 MO 04 YR 75

34700 | 08.15 | 24

COG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	TO
BROWN	SAND			0	18
GRANITE	SHALE			18	24
"	GRAVEL			24	26
RED	GRANITE			26	35

(31) 0018 628 | 0024 2117 | 0026 2111A | 0035 721

(32)

(41) WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0026	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
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL

(51) CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	TO
6	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	1.55	0	0026
06	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE 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: 0004 GPM | DURATION OF PUMPING: 04 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING
001	030 FEET

IF FLOWING GIVE RATE: GPM

PUMP INTAKE SET AT: 35 FEET

WATER LEVELS during: 1 ☐ TEST 2 ☐ RECOVERY

15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
FEET	FEET	FEET	FEET

WATER AT END OF TEST: 1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☐ SHALLOW ☒ DEEP

RECOMMENDED PUMP SETTING: 034 FEET

RECOMMENDED PUMPING RATE: 0004 GPM

GPM / FT. SPECIFIC CAPACITY

LOCATION OF WELL

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

N

303 084-00

X | TX

.65 mi

Middle Bay

Resort

50'

120'

BUCKHORN L...

DRILLERS REMARKS: MELODY BAY PAST SMITHS — BUCKHORN

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

WATER USE 01: 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: 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: P.E. ELDRIDGE WELL DRILLING | LICENCE NUMBER: 1904

ADDRESS: P.O. Box 93 PTBO

NAME OF DRILLER OR BORER: MIKE CLARK | LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: P.E. Eldridge | SUBMISSION DATE: DAY ___ MO ___ YR ___

OFFICE USE ONLY

DATA SOURCE: 1 | CONTRACTOR: 1904 | DATE RECEIVED: 310877

DATE OF INSPECTION | INSPECTOR

REMARKS

P July 9/79 ac

WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 07-081

MINISTRY OF THE ENVIRONMENT

The Ontario Water Resources Act

WATER WELL RECORD

Ontario

3 ID 9N

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

(11) 5108542 MUNICIP 5101 CON CON 09

COUNTY OR DISTRICT: PETERBOROUGH
TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: HARVEY
CON BLOCK, TRACT, SURVEY, ETC: TWP
LOT: 008
[redacted] HOMESTEAD RD WEST HILL
DATE COMPLETED: DAY 26 MO 03 YR 26
735450 (5) ELEVATION 0815 (6) 24

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	TO
				0	7
SAND	FILL			7	29
BROWN	SAND			29	32
GREY	"			32	47
	ALLEGED GRANITE				

(31) 0007 0187 0029528 0032428 0047 121

(32)

(41) WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0046	1 ☒ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL

(51) CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	TO
GIV	1 ☒ STEEL; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE	1.88	0	0032
06			32	47
06				0047

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: 0030 GPM
DURATION OF PUMPING: 03 HOURS 00 MINS
WATER LEVELS DURING: 1 ☐ PUMPING 2 ☐ RECOVERY

STATIC LEVEL	WATER LEVEL END OF PUMPING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
003 FEET	010 FEET	FEET	FEET	FEET	FEET

IF FLOWING GIVE RATE: GPM
PUMP INTAKE SET AT: 25 FEET
WATER AT END OF TEST: 1 ☒ CLEAR 2 ☐ CLOUDY
RECOMMENDED PUMP TYPE: ☒ SHALLOW ☐ DEEP
RECOMMENDED PUMP SETTING: 025 FEET
RECOMMENDED PUMP RATE: 0005 GPM
GPM./FT. SPECIFIC CAPACITY

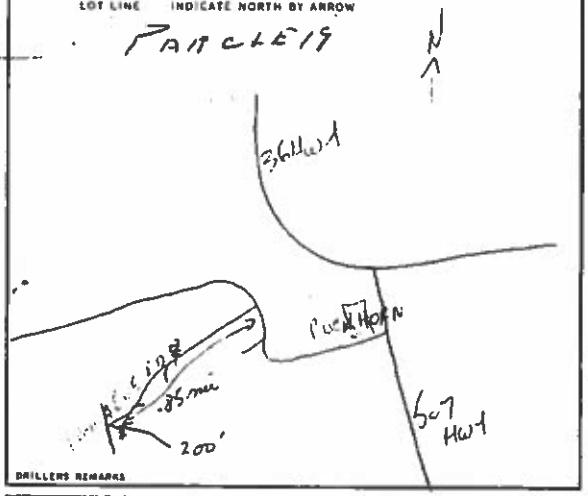
FINAL STATUS OF WELL 1
1 ☒ WATER SUPPLY; 2 ☐ OBSERVATION WELL; 3 ☐ TEST HOLE; 4 ☐ RECHARGE WELL; 5 ☐ ABANDONED, INSUFFICIENT SUPPLY; 6 ☐ ABANDONED, POOR QUALITY; 7 ☐ UNFINISHED

WATER USE 01
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
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: M.F. LEDGE WELL DRILLING 904
LICENCE NUMBER
ADDRESS: P.O. Box 93 PTBO
NAME OF DRILLER OR BORER: MIKE CLARKE
LICENCE NUMBER
SIGNATURE OF CONTRACTOR: Russell Eldridge
SUBMISSION DATE: DAY ____ MO ____ YR ____

OFFICE USE ONLY

DATA SOURCE: 1
CONTRACTOR: 1904
DATE RECEIVED: 810877
DATE OF INSPECTION
INSPECTOR
REMARKS
WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 MOE 07/09

MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

WATER WELL RECORD

Ontario

31D9W

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

(11) 5108542 MUNICIP SIOUX CON CAN LOT 009

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON	BLOCK	TRACT	SURVEY	ETC	LOT
PETERBOROUGH	HARVEY						008

[redacted] HONEYSTEAD RD WEST HILL — DATE COMPLETED DAY 26 MO 03 YR 26

(12) 735450 (13) 5 (14) 0815 (15) 6 (16) 24 — ELEVATION — BASIN CODE

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	TO
				0	7
SAND	FILL			7	29
BROWN	SAND			29	32
GREY	"			32	47
ALLEGED GRANITE					

(37) 0007 0187 0029628 0033128 0047 21

(32)

(41) WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0046	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
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL

(51) CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS (INCHES)	DEPTH - FEET FROM	TO
06	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	1.88	0	0033
			29	47
06	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			0047
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE 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: 0030 GPM — DURATION OF PUMPING: 03 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING
003 FEET	010 FEET

WATER LEVELS DURING: 1 ☒ PUMPING 2 ☐ RECOVERY

10 MINUTES	20 MINUTES	30 MINUTES	60 MINUTES
FEET	FEET	FEET	FEET

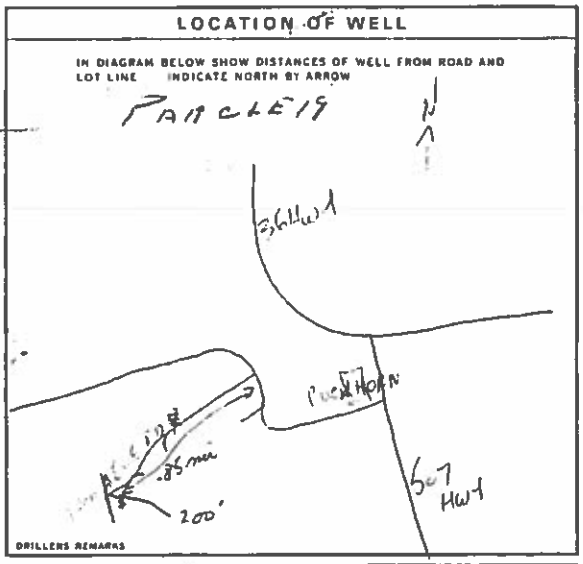
IF FLOWING GIVE RATE — GPM — PUMP INTAKE SET AT 25 FEET — WATER AT END OF TEST 1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☒ SHALLOW ☐ DEEP — RECOMMENDED PUMP SETTING 025 FEET — RECOMMENDED PUMP RATE 0005 GPM

GPM / FT SPECIFIC CAPACITY

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 (55): 1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED INSUFFICIENT SUPPLY 6 ☐ ABANDONED POOR QUALITY 7 ☐ UNFINISHED — 1

WATER USE (56): 1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED ☐ OTHER — 01

METHOD OF DRILLING (57): 1 ☒ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION 6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING — 1

CONTRACTOR

NAME OF WELL CONTRACTOR: MIKE CLARKE WELL DRILLING 1904 — LICENCE NUMBER

ADDRESS: PO Box 93 PTBO

NAME OF DRILLER OR BORER: MIKE CLARKE — LICENCE NUMBER

SIGNATURE OF CONTRACTOR — SUBMISSION DATE: DAY ____ MO ____ YR ____

OFFICE USE ONLY

DATA SOURCE 1 — CONTRACTOR 1904 — DATE RECEIVED 3 10877

DATE OF INSPECTION — INSPECTOR

REMARKS: PW 7th Rec

WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 MOE 87/09

MINISTRY OF THE ENVIRONMENT

The Ontario Water Resources Act

WATER WELL RECORD

Ontario

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

(11) 5108553 | MUNICIP. 51091 | CON. CON | 09

5109W

COUNTY OR DISTRICT: PETERBOROUGH | TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: HARVEY | CON. BLOCK, TRACT, SURVEY, ETC.: 9 GR | LOT: 008 E OR

[redacted] ANNLAND ST PETERBORO | DATE COMPLETED: DAY 12 MO 05 YR 74

ELEVATION: 2.3.5.5.0.0 | 5 | 0.8.4.0 | 6 | BASIN CODE: 24

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
	SANDFILL			0	3
	DARK SOIL			3	8
	ALTERED GRANITE			8	28

(31) 0003 | 28 | D | 11 | 0008 | 28165 | 0028 | 21

(32)

(41) WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0026	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
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL

(51) CASING & OPEN HOLE RECORD

INSIDE DIAM. - INCHES	MATERIAL	WALL THICKNESS - INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
06	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	1.88	0	0007
			8	28
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE		8	0028
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE/SLOT NO. OF OPENING	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: 0001 40 GPM | DURATION OF PUMPING: 01 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 15 MINUTES	20 MINUTES	45 MINUTES	60 MINUTES
DB FEET	020 FEET	FEET	FEET	FEET	FEET

IF FLOWING, GIVE RATE: 0003 GPM | PUMP INTAKE SET AT: 25 FEET | WATER AT END OF TEST: 1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☒ SHALLOW ☐ DEEP | RECOMMENDED PUMP SETTING: 025 FEET | RECOMMENDED PUMPING RATE: 0005 5+ GPM

GPM / FT. SPECIFIC CAPACITY

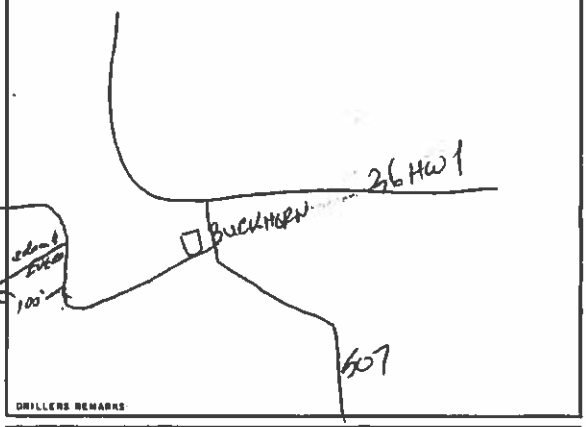
FINAL STATUS OF WELL 1: 1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED

WATER USE 01: 1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED ☐ OTHER

METHOD OF DRILLING 1: 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: REESWIDGE WELL DRILLING | LICENCE NUMBER: 1904

BUSINESS ADDRESS: P.O. BOX 93 PTBO

NAME OF DRILLER OR BORER: MIKE CLARKE | LICENCE NUMBER

SIGNATURE OF CONTRACTOR: Russell Elwidge | SUBMISSION DATE: DAY ____ MO ____ YR ____

OFFICE USE ONLY

DATA SOURCE: 1 | CONTRACTOR: 1904 | DATE RECEIVED: 3 10877

DATE OF INSPECTION | INSPECTOR

REMARKS: Wdconf 10/9/90. | P | WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 MOE 07-091

Ministry of the Environment

Ontario

The Ontario Water Resources Act

WATER WELL RECORD

310/gw

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

11 5109343 MUNICIPALITY 511011 CON. CON. 10

COUNTY OR DISTRICT: Peterborough
TOWNSHIP: Harvey 6
CON. BLOCK, TRACT, SURVEY, ETC.: 10
LOT: 007
DATE COMPLETED: DAY 02 MO 02 YR 79
[redacted] Buckhorn Post Office, Buckhorn, Ont
UTM ZONE 17 NORTHING 4934900 EASTING 5 0850 6 DATUM CODE 24

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	TO
		DUG WELL		0	8
Brown	sand	wood	loose	8	35
Red/grey	granite		layered	35	87

31 0008 23 0035628 3597 0087 72174

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0060	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
0075-87	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
06	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	.188	4	0036
06	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE			0087
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE-SLOT OF OPENING | 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, CLAY PACKER, ETC.)

71 PUMPING TEST

METHOD: 1 ☐ PUMP 2 ☒ BAILER | PUMPING RATE 0025 GPM | DURATION OF PUMPING 15 HOURS 00 MINS

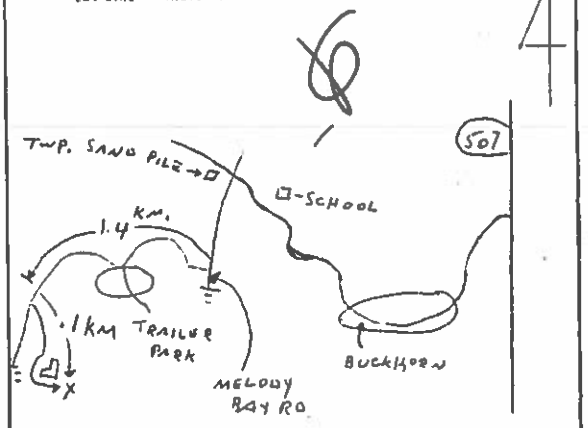
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES	1 ☒ PUMPING 2 ☐ RECOVERY
005 FEET	015 FEET	015 FEET	015 FEET	015 FEET	015 FEET	

IF FLOWING, GIVE RATE: -- GPM | PUMP INTAKE SET AT 74 FEET | WATER AT END OF TEST: 1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☐ SHALLOW ☒ DEEP | RECOMMENDED PUMP SETTING 074 FEET | RECOMMENDED PUMPING RATE 0025 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	1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED
WATER USE 01	1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED ☐ OTHER
METHOD OF DRILLING 1	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: Faulkner Well Drilling Co. Ltd | LICENCE NUMBER: 2104
ADDRESS: 789 Erskine Ave., Peterborough, Ont.
NAME OF DRILLER OR BORER: Jack Miller | LICENCE NUMBER
SIGNATURE OF CONTRACTOR: [signature] | SUBMISSION DATE: DAY 7 MO 2 YR 79

OFFICE USE ONLY

DATA SOURCE 1 | CONTRACTOR 2104 | DATE RECEIVED 160279
DATE OF INSPECTION | INSPECTOR
REMARKS: PLOTTED JOJOE 1/26/79

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0536-4-77

Ministry of the Environment

Ontario

The Ontario Water Resources Act

WATER WELL RECORD

310/9 W

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

(11) 5109343 MUNICIP 5101 CON CON LOT 10

COUNTY OR DISTRICT	TOWNSHIP	CON	BLOCK/TRACT, SURVEY, ETC.	LOT
Peterborough	Harvey 6	10		007

[redacted] Buckhorn Post Office, Buckhorn, Ont. DATE COMPLETED DAY 02 MO 02 YR 79

UTM 34900 5 0850 6 24

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
		DUG WELL		0	8
Brown	sand	wood	loose	8	35
Red/grey	granite		layered	35	87

(31) 0008 23 0035628 3997 0087 72174

(32)

(41) WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0060	1 ☐ FRESH 3 ☐ SULPHUR 5 ☒ MINERAL
0075-87	1 ☒ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL

(51) CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH FEET FROM	DEPTH FEET TO
06	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	.188	4	0036
06	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE			0087
	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

METHOD	PUMPING RATE GPM	DURATION OF PUMPING HOURS	MINS
1 ☐ 2 ☒ TRAILER	0025	15	00

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
005 FEET	015 FEET	1 ☒ PUMPING 2 ☐ RECOVERY	015 FEET	015 FEET	015 FEET	015 FEET

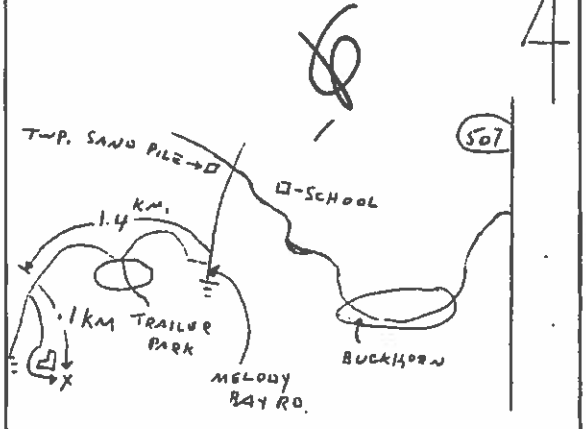
IF FLOWING GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
-- GPM	74 FEET	1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☐ SHALLOW ☒ DEEP	074 FEET	0025 GPM

(66) FINAL STATUS OF WELL 1	1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED
(68) WATER USE 01	1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING ☐ OTHER 9 ☐ NOT USED
(67) METHOD OF DRILLING 1	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	LICENCE NUMBER
Faulkner Well Drilling Co. Ltd	2104
ADDRESS: 789 Erskine Ave., Peterborough, Ont.	
NAME OF DRILLER OR BORER: Jack Miller	LICENCE NUMBER
SIGNATURE OF CONTRACTOR	SUBMISSION DATE: DAY 7 MO 2 YR 79

OFFICE USE ONLY

DATA SOURCE	CONTRACTOR	DATE RECEIVED
1	2104	160279
DATE OF INSPECTION	INSPECTOR	
REMARKS: PLOTTED JOHE 1/28/79		

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0536-4-77

3109

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 5110111

COUNTY OR DISTRICT: [redacted]
TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: [illegible] BUCKHORN P.O.
CON: C10 BLOCK, TRACT, SURVEY, ETC.: PART
LOT: 007
DATE COMPLETED: DAY 18 MO 12 YR 80

UTM: 34599 | 0850 | RH

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH FEET FROM	DEPTH FEET TO
	DUG			0	9
	GRAVEL	SAND - SILT - RED CLAY		9	27
GREY	GRANITE			27	45
DARK RED	"			45	50
" BROWN	"			50	66

31 0009 23 | 0037 | 01 | 2806 | 0045 | 22 | 1 | 0058 | 7 | 7 | 165 | 0066 | 6 | 6 | 165

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0060	1 ☒ FRESH 3 ☐ SULPHUR / 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR / 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☒ SULPHUR / 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR / 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR / 2 ☐ SALTY 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH FEET FROM	DEPTH FEET TO
~~6~~ 06	1 ☒ STEEL / 2 ☐ GALVANIZED / 3 ☐ CONCRETE / ~~4 ☐ PLASTICS~~	11.55	0	0027
			27	66
	1 ☐ STEEL / 2 ☐ GALVANIZED / 3 ☐ CONCRETE / 4 ☐ OPEN HOLE			0066
	1 ☐ STEEL / 2 ☐ GALVANIZED / 3 ☐ CONCRETE / 4 ☐ OPEN HOLE			

SCREEN

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

71 PUMPING TEST

METHOD: 1 ☐ PUMP 2 ☒ BAILER
PUMPING RATE: 0030 GPM
DURATION OF PUMPING: 04 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☐ RECOVERY	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
009 FEET	035 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: 0010 GPM

LOCATION OF WELL

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

303 0851
DRILLERS REMARKS

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

WATER USE 01
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
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: P.E. FRIDGE WELL DRILLING | LICENCE NUMBER: 1904
ADDRESS: P.O. BOX 43 PETROPIAS
NAME OF DRILLER OR BORER: JOHN PETROPIAS | LICENCE NUMBER:
SIGNATURE OF CONTRACTOR: [signature] | SUBMISSION DATE: DAY ___ MO ___ YR ___

OFFICE USE ONLY

DATA SOURCE: 1 | CONTRACTOR: 1904 | DATE RECEIVED: 090281
DATE OF INSPECTION | INSPECTION
REMARKS: OPP

CSS.ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO 0506—4—77 FORM 7

Ministry of the Environment
Ontario

MOE KP-18

3109

The Ontario Water Resources Act

WATER WELL RECORD

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

(11) 5110390 MUNICIP 5101 LOT CON 10

COUNTY OR DISTRICT	TOWNSHIP	CON BLOCK TRACT SURVEY ETC	LOT
Peterborough	Harvey	10	006

[redacted] ral Delivery, Buckhorn, Ont. K0L1J0 DATE COMPLETED DAY 12 MO 03 YR 82

(12) 34499 (15) 0850 (16) (24)

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH FEET FROM	DEPTH FEET TO
		DUG WELL		0	8
Red	granite		hard	8	25
Black	granite		hard	25	30
Red	granite		hard	30	40

(31) 0008 23 | 0025 72 73 | 0030 82 73 | 0040 72 73

(32)

(41) WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0034	2 SALTY
0036	1 FRESH
untested	

(51) CASING & OPEN HOLE RECORD

INSIDE DIAM (INCHES)	MATERIAL	WALL THICKNESS (INCHES)	DEPTH FEET FROM	DEPTH FEET TO
6	1 STEEL	.250	0	0020
06	6 OPEN HOLE			
06	1 STEEL	.250	20	0035
05	1 STEEL	.250	35	0040

SCREEN

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: 2 BAILER | PUMPING RATE: 0020 GPM | DURATION OF PUMPING: 01 HOURS 30 MINUTES

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
010 FEET	015 FEET	015 FEET	015 FEET	015 FEET	015 FEET

1 PUMPING 2 RECOVERY

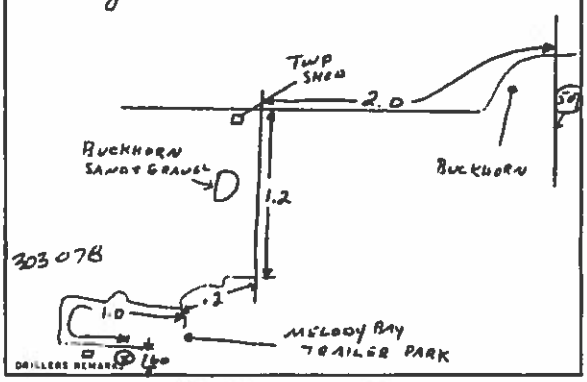
IF FLOWING GIVE RATE: — GPM | PUMP INTAKE SET AT: 30 FEET | WATER AT END OF TEST: 1 CLEAR 2 CLOUDY

RECOMMENDED PUMP TYPE: 2 DEEP | RECOMMENDED PUMP SETTING: 030 FEET | RECOMMENDED PUMPING RATE: 0010 GPM

FINAL STATUS OF WELL 1	1 WATER SUPPLY; 2 OBSERVATION WELL; 3 TEST HOLE; 4 RECHARGE WELL; 5 ABANDONED INSUFFICIENT SUPPLY; 6 ABANDONED POOR QUALITY; 7 UNFINISHED
WATER USE 01	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	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: @ 40

CONTRACTOR

NAME OF WELL CONTRACTOR: Faulkner Well Drilling Co. Ltd | LICENCE NUMBER: 2104
ADDRESS: 789 Erskine Ave., Peterborough, Ont.
NAME OF DRILLER OR BORER: Donald Miller | LICENCE NUMBER:
SIGNATURE OF CONTRACTOR: A. Faulkner | SUBMISSION DATE: DAY 15 MO 3 YR 82

OFFICE USE ONLY

DATA SOURCE 1 | CONTRACTOR 2104 | DATE RECEIVED 08 03 82
DATE OF INSPECTION | INSPECTOR
REMARKS: opp

CSS.ES

FORM NO 0506-4-77 FORM 7

MINISTRY OF THE ENVIRONMENT COPY

Ministry of the Environment

Ontario

The Ontario Water Resources Act

WATER WELL RECORD

3109

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

11 5110492 51011 GPN 10

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON.	BLOCK	TRACT	SURVEY	ETC.	LOT
Peterborough	Harvey	10					007

[redacted] R.R.#1, Lakefield

DATE COMPLETED: DAY 28 MO Sept YR 81

UTM 34899 E 5 N 0850 6 ZN

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH FEET FROM	TO
brown	top soil			0'	1'
brown	sandy clay			1'	4'
brown	clay & granite ledges			4'	7'
pink	granite			7'	32'
pink & black	granite			32	58'
black & green	granite			58'	61'
black	granite			61'	63'

(31) 0001802 0004605821 0001605721 0032 21 0053821 0061821

(32) 0063821

(41) WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0022'	1 ☒ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
0057'~~60~~	1 ☒ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL

(51) CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH FEET FROM	TO
~~4~~ 6	1 ☒ STEEL; 2 ☐ GALVAN./G; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE	188	0'	(20)17'
	1 ☐ STEEL; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE			
	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: ~~002~~ 1/2 GPM — DURATION OF PUMPING: 02 HOURS 00 MINUTES

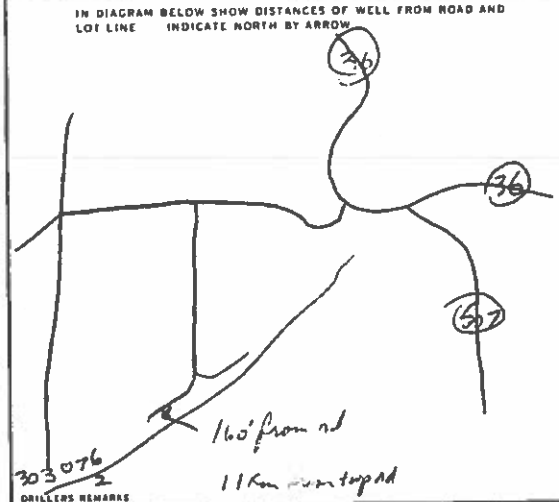
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☒ RECOVERY			
		15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
015 FEET	059' FEET	046 FEET	034 FEET	026 FEET	020 FEET

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: 060 FEET — RECOMMENDED PUMPING RATE: 0001 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	1 ☒ WATER SUPPLY; 2 ☐ OBSERVATION WELL; 3 ☐ TEST HOLE; 4 ☐ RECHARGE WELL; 5 ☐ ABANDONED INSUFFICIENT SUPPLY; 6 ☐ ABANDONED POOR QUALITY; 7 ☐ UNFINISHED
WATER USE 01	1 ☒ DOMESTIC; 2 ☐ STOCK; 3 ☐ IRRIGATION; 4 ☐ INDUSTRIAL; 5 ☐ COMMERCIAL; 6 ☐ MUNICIPAL; 7 ☐ PUBLIC SUPPLY; 8 ☐ COOLING OR AIR CONDITIONING; 9 ☐ NOT USED; ☐ OTHER
METHOD OF DRILLING 1	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: Stuart Stockdale & Son Well Drilling — LICENCE NUMBER: 4814

ADDRESS: R.R.#2, Peterborough

NAME OF DRILLER OR BORER: Ralph Stockdale — LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: Stuart Stockdale — SUBMISSION DATE: DAY ____ MO ____ YR ____

OFFICE USE ONLY

DATA SOURCE 1 — CONTRACTOR 4814 — DATE RECEIVED 18 06 82

DATE OF INSPECTION — INSPECTOR

REMARKS: GPM

CSS.ES

FORM NO. 0506-4 77

MINISTRY OF THE ENVIRONMENT COPY

Ministry of the Environment
Ontario

MOE KP-18

3109

The Ontario Water Resources Act

WATER WELL RECORD

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

(11) 5110390 MUNICIP 5101 CON CON 10

COUNTY OR DISTRICT	TOWNSHIP	CON BLOCK TRACT SURVEY ETC	LOT
Peterborough	Harwer	10	006

[redacted] eral Delivery, Buckhorn, Ont. KOL1J0 DATE COMPLETED DAY 12 MO 03 YR 82

WELL NO. 34499 PC 15 ELEVATION 0830 DC 6 BASIN CODE 24

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH FEET FROM	DEPTH FEET TO
		DUG WELL		0	8
Red	granite		hard	8	25
Black	granite		hard	25	30
Red	granite		hard	30	40

(31) 0008 23 | 0025 12 1 73 | 0030 12 1 73 | 0040 12 1 73

(32)

(41) WATER RECORD

WATER FOUND AT FEET	KIND OF WATER
0034	2 SALTY
0036	1 FRESH
untested	

(51) CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH FEET FROM	DEPTH FEET TO
6 4 06	1 STEEL	.250	0	0020
06	1 STEEL	.250	20	0035
05	1 STEEL	.250	35	0040

SCREEN

(61) PLUGGING & SEALING RECORD

(71) PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
2 BAILER	0020 GPM	04 HOURS 30 MINUTES

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 PUMPING 2 RECOVERY	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
010 FEET	015 FEET		015 FEET	015 FEET	015 FEET	015 FEET

IF FLOWING GIVE RATE: — GPM

PUMP INTAKE SET AT: 30 FEET

WATER AT END OF TEST: 1 CLEAR 2 CLOUDY

RECOMMENDED PUMP TYPE: 1 SHALLOW 2 DEEP

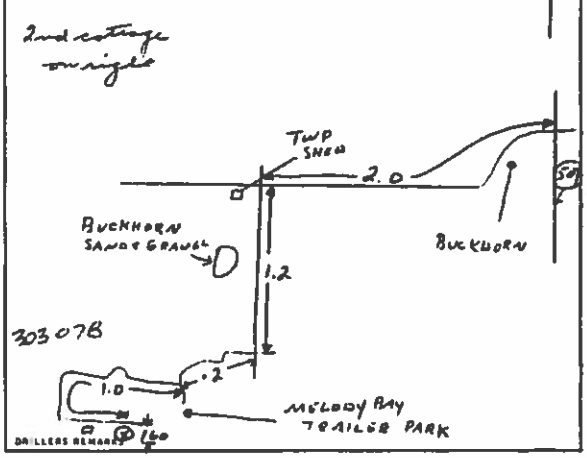
RECOMMENDED PUMP SETTING: 030 FEET

RECOMMENDED PUMPING RATE: 0010 GPM

FINAL STATUS OF WELL 1	1 WATER SUPPLY; 2 OBSERVATION WELL; 3 TEST HOLE; 4 RECHARGE WELL; 5 ABANDONED, INSUFFICIENT SUPPLY; 6 ABANDONED, POOR QUALITY; 7 UNFINISHED
WATER USE 01	1 DOMESTIC; 2 STOCK; 3 IRRIGATION; 4 INDUSTRIAL; 5 COMMERCIAL; 6 MUNICIPAL; 7 PUBLIC SUPPLY; 8 COOLING OR AIR CONDITIONING; 9 NOT USED; OTHER
METHOD OF DRILLING 1	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: @ 140

CONTRACTOR

NAME OF WELL CONTRACTOR: Faulkner Well Drilling Co. Ltd — LICENCE NUMBER: 2104

ADDRESS: 789 Erskine Ave., Peterborough, Ont.

NAME OF DRILLER OR BORER: Donald Miller — LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: A. Faulkner

SUBMISSION DATE: DAY 15 MO 3 YR 82

OFFICE USE ONLY

DATA SOURCE 1 | CONTRACTOR 2104 | DATE RECEIVED 08 03 82

DATE OF INSPECTION | INSPECTOR

REMARKS: opp

CSS.ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO 0506—4—77 FORM 7

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 5112712

COUNTY OR DISTRICT: PETERBOROUGH ONT. | TOWNSHIP BOROUGH CITY TOWN VILLAGE: HARVEY. | CON: 9 | LOT: 7

[redacted] 2 CLEARBROOKE CIRCLE REXDALE ONTARIO M9W 2Z2 | DATE COMPLETED: DAY 24 MO 9 YR 87

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH FEET FROM	DEPTH FEET TO
BLACK	MUCK	TOPSOIL	SWAMPY	0	6'
BROWN	SAND			6'	39'
WHITE Blk	STONES	GRANITE	GRAVEL - SOLID ROCK.	39'	42'

31
32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
41'	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH FEET FROM	DEPTH FEET TO
6 1/4	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC		0	39'
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			

SCREEN

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.)
0	10'	BENSEAL

71 PUMPING TEST

PUMPING METHOD: JET | 1 ☐ PUMP 2 ☐ BAILER | PUMPING RATE GPM: 1 | DURATION OF PUMPING HOURS: 0 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☒ RECOVERY			
16' FEET	30 FEET	10 MINUTES 16' FEET	30 MINUTES 16' FEET	45 MINUTES 16' FEET	60 MINUTES 16' FEET

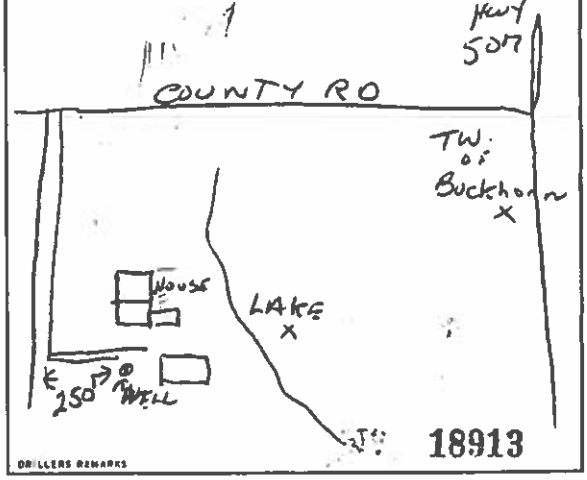
IF FLOWING, GIVE RATE: GPM | PUMP INTAKE SET AT: 25 FEET | WATER AT END OF TEST: 1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☒ SHALLOW ☐ DEEP | RECOMMENDED PUMP SETTING: 25 FEET | RECOMMENDED PUMPING RATE: 5 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 ☐ UNFINISHED 8 ☐ DEWATERING
WATER USE	1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED ☐ 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 ☐ DIGGING ☐ OTHER

LOCATION OF WELL

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



DRILLERS REMARKS: 18913

CONTRACTOR

NAME OF WELL CONTRACTOR: TITUS DRILLING | WELL CONTRACTOR'S LICENCE NUMBER: 5020
ADDRESS: BOWMANVILLE, ONT
NAME OF WELL TECHNICIAN: CARMON TITUS | WELL TECHNICIAN'S LICENCE NUMBER: 1012
SIGNATURE OF TECHNICIAN/CONTRACTOR: [signature] | SUBMISSION DATE: DAY 30 MO 9 YR 87

OFFICE USE ONLY

DATE RECEIVED: NOV 02 1987
DATE OF INSPECTION | INSPECTOR
REMARKS: CSS.ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/88) FORM 9

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 5113641 MUNICIP 5101 CON CON 09

COUNTY OR DISTRICT [redacted] | TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE HUSKEY / LAKEFIELD | CON 9 | BLOCK | TRACT | SURVEY ETC | LOT 9

DATE COMPLETED DAY 7 MO 12 YR 88

c/o MELODY BAY RESORT

ELEVATION | DRILLING METHOD AIR ROTARY

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH FEET FROM	DEPTH FEET TO
GREY	ROCKS	BUSH DIRT	SOFT	0'	9'
GREY	LIMESTONE		MEDIUM	9'	60'
GREEN	LIMESTONE		MEDIUM	60'	90'
BLACK & WHITE	GRANITE		MEDIUM	90'	100'

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
90	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH FEET FROM	DEPTH FEET TO
6 1/4	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	.188	0'	22'
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			

SCREEN

SIZE 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.)
0	20	BENSEAL

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☐ PUMP 2 ☐ BAILER — AIR

PUMPING RATE: 20 GPM | DURATION OF PUMPING: 1 HOURS 0 MINUTES

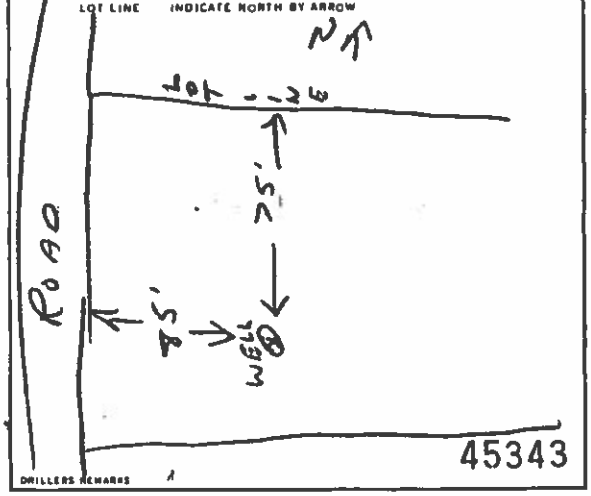
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☒ RECOVERY	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
25 FEET	90 FEET		35 FEET	30 FEET	25 FEET	25 FEET

IF FLOWING GIVE RATE GPM | PUMP INTAKE SET AT 80 FEET | WATER AT END OF TEST 1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☐ SHALLOW ☒ DEEP | RECOMMENDED PUMP SETTING 80 FEET | RECOMMENDED PUMPING RATE 10 GPM

LOCATION OF WELL

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



45343

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 8 ☐ DEWATERING

WATER USE

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

CONTRACTOR

NAME OF WELL CONTRACTOR: TITUS WELL DRILLING | WELL CONTRACTOR'S LICENCE NUMBER 5000

ADDRESS: Cambridge

NAME OF WELL TECHNICIAN: CARMEN TITUS | WELL TECHNICIAN'S LICENCE NUMBER 7041

SIGNATURE OF TECHNICIAN/CONTRACTOR | SUBMISSION DATE DAY 30 MO 12 YR 88

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR 5020 | DATE RECEIVED JAN 03 1989

DATE OF INSPECTION | INSPECTOR

REMARKS

WDE

CSS.ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO 0506 (11/88) FORM 9

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 5113641 MUNICIP 5101 CON. CON 09

COUNTY OR DISTRICT [redacted] | TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE HUSEY / LAKEFIELD | CON. BLOCK, TRACT, SURVEY, ETC. 9 | LOT 9

c/o MELODY BAY RESORT

DATE COMPLETED DAY 7 MO 12 YR 88

ELEVATION HOLE DEPTH 100 BASIN CODE 2149

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH FEET FROM	DEPTH FEET TO
GREY	ROCKS	BUSH DIRT	SOFT	0'	9'
GREY	LIMESTONE		MEDIUM	9'	60'
GREEN	LIMESTONE		MEDIUM	60'	90'
BLACK & WHITE	GRANITE		MEDIUM	90'	100'

31 32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
90	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH FEET FROM	DEPTH FEET TO
6 1/4	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	180	0'	22'
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			

SCREEN

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.)
0	20	BENSEAL

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☐ PUMP 2 ☐ BAILER — AIR

PUMPING RATE: 20 GPM | DURATION OF PUMPING: 1 HOURS 0 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☒ RECOVERY			
		15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
25 FEET	90 FEET	35 FEET	30 FEET	25 FEET	25 FEET

IF FLOWING GIVE RATE: GPM | PUMP INTAKE SET AT: 80 FEET | WATER AT END OF TEST: 1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☐ SHALLOW ☒ DEEP | RECOMMENDED PUMP SETTING: 80 FEET | RECOMMENDED PUMPING RATE: 10 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 ☐ UNFINISHED 8 ☐ DEWATERING

WATER USE

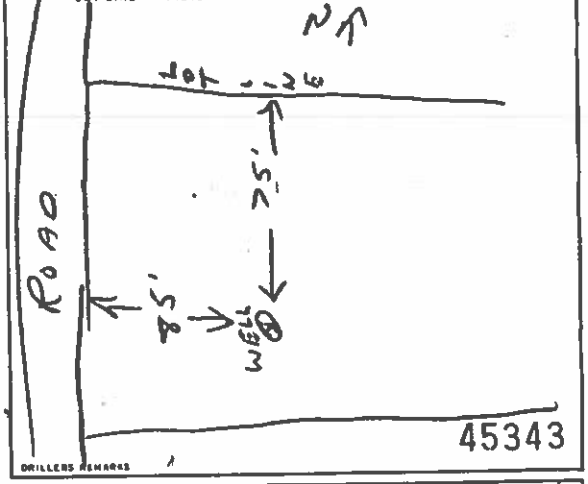
1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED ☐ OTHER

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 ☐ DIGGING ☐ OTHER

LOCATION OF WELL

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



45343

DRILLERS REMARKS

CONTRACTOR

NAME OF WELL CONTRACTOR: TITUS WELL DRILLING | WELL CONTRACTOR'S LICENCE NUMBER: 5000

ADDRESS: GOODERHAM

NAME OF WELL TECHNICIAN: CARMON TITUS | WELL TECHNICIAN'S LICENCE NUMBER: 7041

SIGNATURE OF TECHNICIAN/CONTRACTOR | SUBMISSION DATE: DAY 30 MO 12 YR 88

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR 5020 | DATE RECEIVED JAN 03 1989

DATE OF INSPECTION | INSPECTOR

REMARKS

WDE

CSS.ES

FORM NO. 0506 (11/86) FORM 9

MINISTRY OF THE ENVIRONMENT COPY

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 5113853 MUNICIP 5101 CON CON 10

COUNTY OR DISTRICT: PETERBOROUGH | TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: HARLEY | CON | BLOCK | TRACT | SURVEY | ETC: 10 | LOT: 7

[redacted] Buckhorn Ont

DATE COMPLETED: DAY 8 MO 3 YR 89

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	DEPTH FEET TO
	SAND			0	17
RED	GRANITE			17	39

31

32

41 WATER RECORD

WATER FOUND AT FEET	KIND OF WATER
37	1 ☑ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH FEET FROM	DEPTH FEET TO
6¼	1 ☑ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	.188	0	22
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			

SCREEN

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: 25+ GPM | DURATION OF PUMPING: 1 HOURS 0 MINUTES

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☐ RECOVERY	10 MINUTES	20 MINUTES	30 MINUTES	40 MINUTES	50 MINUTES
2 FEET	FEET		2 FEET	2 FEET	2 FEET	2 FEET	2 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: 30 FEET | RECOMMENDED PUMPING RATE: 6 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 ☐ UNFINISHED 8 ☐ DEWATERING

WATER USE

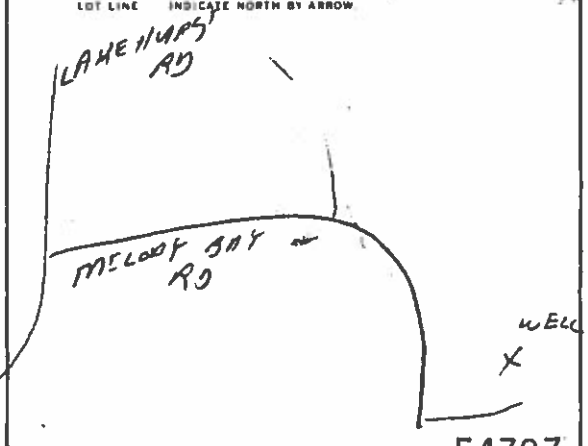
1 ☑ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED ☐ OTHER

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 ☐ DIGGING ☐ OTHER

LOCATION OF WELL

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



54727

DRILLERS REMARKS

CONTRACTOR

NAME OF WELL CONTRACTOR: DENNIS DEELER DRILLING | WELL CONTRACTOR'S LICENCE NUMBER: 1748

ADDRESS: RR#2 HALIBURTON, ONT

NAME OF WELL TECHNICIAN: BOB KIELY | WELL TECHNICIAN'S LICENCE NUMBER: 70436

SIGNATURE OF TECHNICIAN/CONTRACTOR: [signature] | SUBMISSION DATE: DAY ____ MO ____ YR ____

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR 1748 | DATE RECEIVED: MAY 04 1989

DATE OF INSPECTION | INSPECTOR

REMARKS

CSS.ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO 0506 (11/86) FORM 9

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 5114809 MUNICIP 5101 CON CON 110

COUNTY OR DISTRICT: Peterborough | TOWNSHIP BOROUGH CITY TOWN VILLAGE: Galway | LOT: 7

[redacted] Buckham

DATE COMPLETED: DAY 21 MO 07 YR 90

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH FEET FROM	DEPTH FEET TO
Grey	Clay			0	5
Red/Blk	Granite			5	120

41 WATER RECORD

WATER FOUND AT FEET	KIND OF WATER
60	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH FEET FROM	DEPTH FEET TO
6¼	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	188	0	20
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			

SCREEN

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 — AIR
PUMPING RATE: 3 GPM
DURATION OF PUMPING: HOURS 1 MINUTES
WATER LEVELS DURING: 1 ☐ PUMPING 2 ☒ RECOVERY

STATIC LEVEL	WATER LEVEL END OF PUMPING	10 MINUTES	20 MINUTES	45 MINUTES	60 MINUTES
40 FEET	120 FEET	80 FEET	40 FEET	40 FEET	40 FEET

IF FLOWING GIVE RATE: GPM
PUMP INTAKE SET AT: 120 FEET
WATER AT END OF TEST: 1 ☐ CLEAR 2 ☒ CLOUDY
RECOMMENDED PUMP TYPE: ☐ SHALLOW ☐ DEEP
RECOMMENDED PUMP SETTING: 10 FEET
RECOMMENDED PUMPING RATE: 3 GPM

FINAL STATUS OF WELL

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

WATER USE

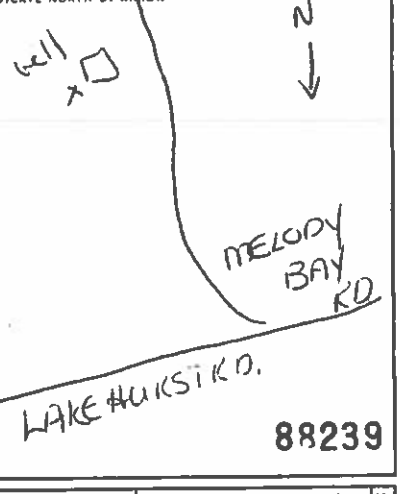
1 ☒ DOMESTIC 5 ☐ COMMERCIAL
2 ☐ STOCK 6 ☐ MUNICIPAL
3 ☐ IRRIGATION 7 ☐ PUBLIC SUPPLY
4 ☐ INDUSTRIAL 8 ☐ COOLING OR AIR CONDITIONING
☐ OTHER 9 ☐ NOT USED

METHOD OF CONSTRUCTION

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

LOCATION OF WELL

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



88239

DRILLERS REMARKS

CONTRACTOR

NAME OF WELL CONTRACTOR: [illegible] | WELL CONTRACTOR'S LICENCE NUMBER: 1148
ADDRESS: RR #2 [illegible]
NAME OF WELL TECHNICIAN: [illegible] | WELL TECHNICIAN'S LICENCE NUMBER: T-1485
SIGNATURE OF TECHNICIAN/CONTRACTOR: [signature] | SUBMISSION DATE: DAY ____ MO ____ YR ____

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR 1748 | DATE RECEIVED AUG 08 1990
DATE OF INSPECTION | INSPECTOR
REMARKS

CSS.ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO 0506 (11/88) FORM 9

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 5116599 MUNICIP 5181 CON. CON 09

COUNTY OR DISTRICT: Peterborough | TOWNSHIP BOROUGH CITY TOWN VILLAGE: Dummer HARVEY | CON BLOCK TRACT SURVEY ETC: 9 PT LT | LOT: 7

[redacted] Falstaff Whithyont LR 1W3

DATE COMPLETED: DAY 27 MO 05 YR 94

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH FEET FROM	DEPTH FEET TO
Black	Topsoil		Loose	0'	2'
Red	Clay	stones	Loose	2"	8'
Blk&Red	Granite		Medium	8'	22'
Blk.	Granite	Quartz	Medium	22'	120'
Red	Granite		Medium	120'	141'

31
32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
130'	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☒ SULPHUR 4 ☐ MINERALS 5 ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH FEET FROM	DEPTH FEET TO
6 1/4	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	.188	8'	20'
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC		20'	141
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			

SCREEN

SIZE 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.)
0	20	Reused Grout.

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☐ PUMP 2 ☐ BAILER | PUMPING RATE: 10 GPM | DURATION OF PUMPING: 1 HOURS 0 MINUTES

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
8 FEET	140 FEET	90 FEET	30 FEET	10 FEET	8 FEET

1 ☐ PUMPING 2 ☒ RECOVERY

IF FLOWING GIVE RATE: GPM | PUMP INTAKE SET AT: 125' FEET | WATER AT END OF TEST: 1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☐ SHALLOW ☒ DEEP | RECOMMENDED PUMP SETTING: 125' FEET | RECOMMENDED PUMPING RATE: 10 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 ☐ UNFINISHED 8 ☐ DEWATERING

WATER USE

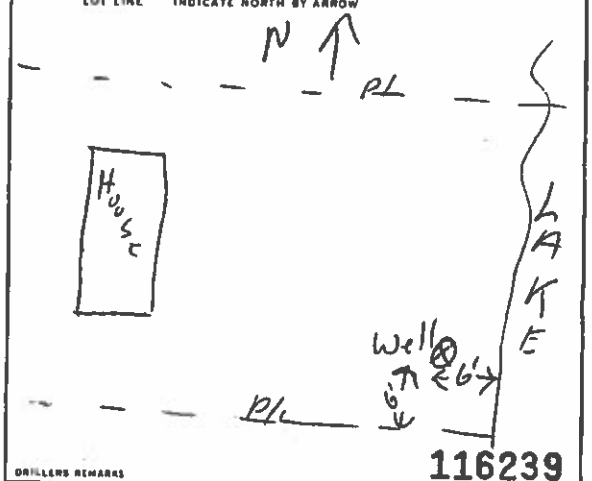
1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED ☐ OTHER

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 ☐ DIGGING ☐ OTHER

LOCATION OF WELL

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



DRILLERS REMARKS: 116239

CONTRACTOR

NAME OF WELL CONTRACTOR: Titus Well Drilling | WELL CONTRACTOR'S LICENCE NUMBER: 5020
ADDRESS: Goodenham
NAME OF WELL TECHNICIAN: Carmen Titus | WELL TECHNICIAN'S LICENCE NUMBER: TD412
SIGNATURE OF TECHNICIAN / CONTRACTOR | SUBMISSION DATE: DAY 30 MO 05 YR 94

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR 5020 | DATE RECEIVED JUN 16 1994
DATE OF INSPECTION | INSPECTOR
REMARKS

CSS.ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

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 5116600 MUNICIP 5040 CON CON 99

COUNTY OR DISTRICT: Pt 1
TOWNSHIP BOROUGH CITY TOWN VILLAGE: Buckhorn HARVI
CON BLOCK TRACT SURVEY ETC: 9
LOT: 7
DATE COMPLETED: DAY 19 MO 05 YR 94
[redacted] x 114 Buckhorn Rob LTO
ELEVATION DC: BASIN CODE:

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	TO
Brown	Sand	Stones	Loose	0'	4'
Black	Gravel	Stones	Loose	4'	14'
Blk-Whtish	Granet		Medium	14'	160'
Blk	Granet	mica	Medium	160'	180'
Red-Blk	Granet		Medium	180'	220'
Red	Granet		Medium	220'	240'
Blk-Wht	Granet		Medium	240'	262'

31
32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
180'	1 (X) FRESH 2 ( ) SALTY 3 ( ) SULPHUR 4 ( ) MINERALS 5 ( ) GAS
	1 ( ) FRESH 2 ( ) SALTY 3 ( ) SULPHUR 4 ( ) MINERALS 5 ( ) GAS
	1 ( ) FRESH 2 ( ) SALTY 3 ( ) SULPHUR 4 ( ) MINERALS 5 ( ) GAS
	1 ( ) FRESH 2 ( ) SALTY 3 ( ) SULPHUR 4 ( ) MINERALS 5 ( ) GAS
	1 ( ) FRESH 2 ( ) SALTY 3 ( ) SULPHUR 4 ( ) MINERALS 5 ( ) GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH FEET FROM	TO
6 1/4	1 (X) STEEL 2 ( ) GALVANIZED 3 ( ) CONCRETE 4 ( ) OPEN HOLE 5 ( ) PLASTIC	.188	0'	20'
	1 ( ) STEEL 2 ( ) GALVANIZED 3 ( ) CONCRETE 4 (X) OPEN HOLE 5 ( ) PLASTIC		20'	262'
	1 ( ) STEEL 2 (X) GALVANIZED 3 ( ) CONCRETE 4 ( ) OPEN HOLE 5 ( ) PLASTIC			

SCREEN

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.)
0	20'	Bensecal Grout

71 PUMPING TEST

PUMPING TEST METHOD: AIR (1 PUMP 2 BAILER)
PUMPING RATE: 2 GPM
DURATION OF PUMPING: 1 HOURS 0 MINUTES

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING (1 PUMPING 2 (X) RECOVERY) 15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
5 FEET	260 FEET	250 FEET	240 FEET	230 FEET	220 FEET

IF FLOWING, GIVE RATE GPM
PUMP INTAKE SET AT: 250 FEET
WATER AT END OF TEST: 1 (X) CLEAR 2 ( ) CLOUDY
RECOMMENDED PUMP TYPE: ( ) SHALLOW (X) DEEP
RECOMMENDED PUMP SETTING: 250 FEET
RECOMMENDED PUMPING RATE: 3 GPM

FINAL STATUS OF WELL

1 (X) WATER SUPPLY 2 ( ) OBSERVATION WELL 3 ( ) TEST HOLE 4 ( ) RECHARGE WELL 5 ( ) ABANDONED, INSUFFICIENT SUPPLY 6 ( ) ABANDONED, POOR QUALITY 7 ( ) UNFINISHED ( ) DEWATERING

WATER USE

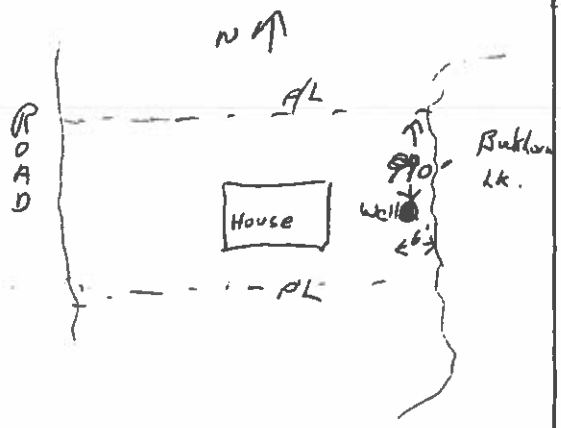
1 (X) DOMESTIC 2 ( ) STOCK 3 ( ) IRRIGATION 4 ( ) INDUSTRIAL ( ) OTHER 5 ( ) COMMERCIAL 6 ( ) MUNICIPAL 7 ( ) PUBLIC SUPPLY 8 ( ) COOLING OR AIR CONDITIONING 9 ( ) NOT USED

METHOD OF CONSTRUCTION

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

LOCATION OF WELL

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



DRILLERS REMARKS: 116231

CONTRACTOR

NAME OF WELL CONTRACTOR: Titus Well Drilling
WELL CONTRACTOR'S LICENCE NUMBER: 5020
ADDRESS: Gooderham Ont
NAME OF WELL TECHNICIAN: Carmen Titus
WELL TECHNICIAN'S LICENCE NUMBER: T0412
SIGNATURE OF TECHNICIAN/CONTRACTOR:
SUBMISSION DATE: DAY 30 MO 05 YR 94

OFFICE USE ONLY

DATA SOURCE
CONTRACTOR: 5020
DATE RECEIVED: JUN 16 1994
DATE OF INSPECTION
INSPECTOR
REMARKS: CSS.ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/88) FORM 9

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 5116600 MUNICIP 5101 CON. CON. 109

COUNTY OR DISTRICT: Pt L
TOWNSHIP BOROUGH CITY TOWN VILLAGE: Buckhorn HARVEY
CON BLOCK TRACT SURVEY ETC: 9
LOT: 7
[redacted] x 114 Buckhorn Rd LTO
DATE COMPLETED: DAY 19 MO 05 YR 94

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	TO
Brown	Sand	Stones	Loose	0'	4'
Black	Gravel	Stones	Loose	4'	14'
Blk-Wht-Rd	Granet		Medium	14'	160'
Blk	Granet	mica	Medium	160'	180'
Red-Blk	Granet		Medium	180'	220'
Red	Granet		Medium	220'	240'
Blk-Wht	Granet		Medium	240'	262'

31
32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
180'	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	TO
6 1/4	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	.188	0'	20'
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE 5 ☐ PLASTIC		20'	262'
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			

SCREEN

SLOT NO.	DIAMETER INCHES	LENGTH FEET
MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN FEET	

61 PLUGGING & SEALING RECORD

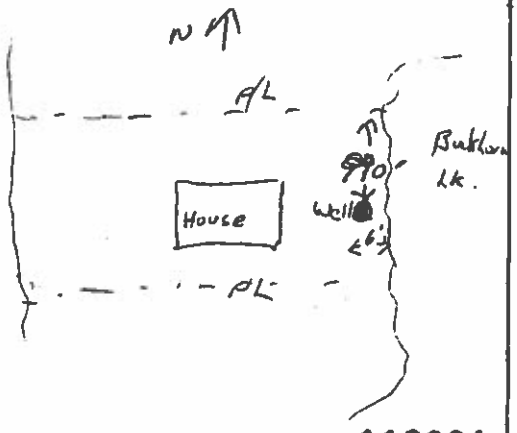
DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, CLAY PACKER ETC.)
0	20'	Bentseal Grout

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☐ PUMP 2 ☐ BAILER — AIR
PUMPING RATE: 2 GPM
DURATION OF PUMPING: 1 HOURS 0 MINUTES
STATIC LEVEL: 5 FEET
WATER LEVEL END OF PUMPING: 260 FEET
WATER LEVELS DURING: 1 ☐ PUMPING 2 ☒ RECOVERY
10 MINUTES: 250 FEET
20 MINUTES: 240 FEET
30 MINUTES: 230 FEET
40 MINUTES: 220 FEET
IF FLOWING, GIVE RATE: GPM
PUMP INTAKE SET AT: 250 FEET
WATER AT END OF TEST: 1 ☒ CLEAR 2 ☐ CLOUDY
RECOMMENDED PUMP TYPE: ☐ SHALLOW ☒ DEEP
RECOMMENDED PUMP SETTING: 250 FEET
RECOMMENDED PUMPING RATE: 3 GPM

LOCATION OF WELL

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



DRILLERS REMARKS: 116231

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 ☐ DEWATERING

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 CONSTRUCTION

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

CONTRACTOR

NAME OF WELL CONTRACTOR: Titus Well Drilling
WELL CONTRACTOR'S LICENCE NUMBER: 5020
ADDRESS: Goodeham Ont
NAME OF WELL TECHNICIAN: Carmen Titus
WELL TECHNICIAN'S LICENCE NUMBER: TO412
SIGNATURE OF TECHNICIAN/CONTRACTOR
SUBMISSION DATE: DAY 30 MO 05 YR 94

OFFICE USE ONLY

DATA SOURCE
CONTRACTOR: 5020
DATE RECEIVED: JUN 16 1994
DATE OF INSPECTION
INSPECTOR
REMARKS: CSS.ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 5116601 MUNICIP S.I.O.I.I CON. CON 09

COUNTY OR DISTRICT	TOWNSHIP BOROUGH CITY TOWN VILLAGE	CON	BLOCK	TRACT	SURVEY ETC	LOT
Peterborough	~~Asphodel~~ HARVEY	9				7

[redacted] Hillier St. Bowmanville LIC 3S4

DATE COMPLETED DAY 24 MO 05 YR 94

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH FEET FROM	DEPTH FEET TO
Brown	Sand	Stones	Loose	0'	6'
Blk-White	Gravel		Loose	6'	12'
Blk	Gran-Te		Medium	14'	155'
Pink-Red	Gran-Te		Medium	155'	185'
Blk-white	Gran-Te	Quartz	Medium	185'	220'
Red-white	Gran-Te		Medium	220'	240'
Black	Gran-Te		Medium	240'	262'

31
32

41 WATER RECORD

WATER FOUND AT FEET	KIND OF WATER
50	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
220	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH FEET FROM	DEPTH FEET TO
6¼	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	.188	0'	20'
[redacted]	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE 5 ☐ PLASTIC		20'	262'
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			

SCREEN

SIZE 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.)
0	20'	Benseal Grout

71 PUMPING TEST

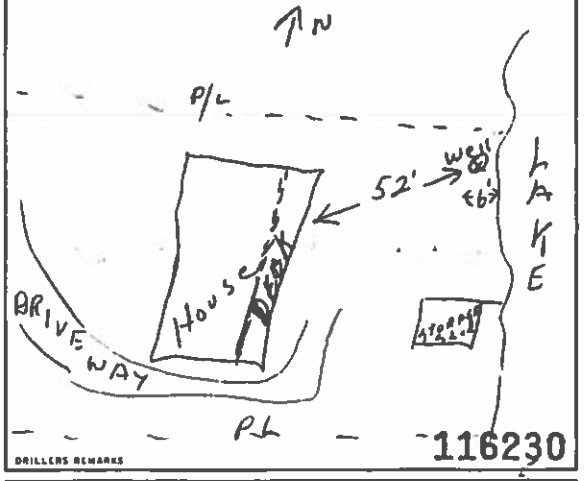
PUMPING TEST METHOD: 1 ☐ PUMP 2 ☐ BAILER — AIR
PUMPING RATE: 3 GPM — DURATION OF PUMPING: 1 HOURS 0 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING (1 ☐ PUMPING 2 ☒ RECOVERY)	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
3 FEET	262 FEET		220 FEET	185 FEET	165 FEET	140 FEET

IF FLOWING GIVE RATE: GPM
PUMP INTAKE SET AT: 250 FEET
WATER AT END OF TEST: 1 ☒ CLEAR 2 ☐ CLOUDY
RECOMMENDED PUMP TYPE: ☐ SHALLOW ☒ DEEP
RECOMMENDED PUMP SETTING: 250 FEET
RECOMMENDED PUMPING RATE: 3 GPM

LOCATION OF WELL

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



DRILLERS REMARKS: 116230

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 8 ☐ DEWATERING

WATER USE

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

CONTRACTOR

NAME OF WELL CONTRACTOR: Titus Well Drilling
WELL CONTRACTOR'S LICENCE NUMBER: 5020
ADDRESS: Goodenham
NAME OF WELL TECHNICIAN: Carmen Titus
WELL TECHNICIAN'S LICENCE NUMBER: T0412
SIGNATURE OF TECHNICIAN/CONTRACTOR:
SUBMISSION DATE: DAY 30 MO 05 YR 94

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR 5020 | DATE RECEIVED JUN 16 1994
DATE OF INSPECTION | INSPECTOR
REMARKS: CSS.ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 5116659 MUNICIP 5101 CON CON. 09

COUNTY OR DISTRICT	TOWNSHIP BOROUGH CITY TOWN VILLAGE	CON BLOCK TRACT SURVEY ETC	LOT
PETERBOROUGH	SCARBORO	CONC. 09	07

[redacted] 50 SANDCREST DR. SCARBOROUGH M1P 4A5 — DATE COMPLETED DAY 01 MO 09 YR 94

RECORDING # | LOC | ELEVATION | LOC | BASIN CODE

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	TO
BLACK	LOAM			0	3
GREY	SAND	CLAY		3	15
BROWN	SAND	GRAVEL		15	23

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
23	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS — UNTESTED

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	TO
6 1/4"	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	.188	0	23

SCREEN — SIZE - 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	PUMPING RATE	DURATION OF PUMPING
1 ☒ PUMP 2 ☐ BAILER	50 GPM	1 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
03 FEET	10 FEET	1 ☒ PUMPING 2 ☐ RECOVERY	10 FEET	10 FEET	10 FEET	10 FEET

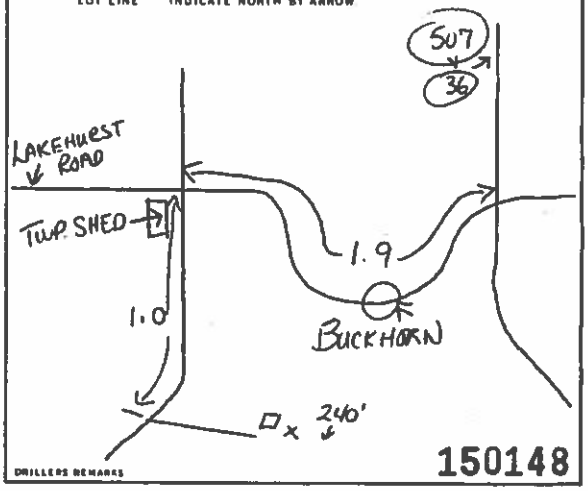
IF FLOWING, GIVE RATE: — GPM | PUMP INTAKE SET AT: 18 FEET | WATER AT END OF TEST: 1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☒ SHALLOW ☐ DEEP | RECOMMENDED PUMP SETTING: 18 FEET | RECOMMENDED PUMPING RATE: 30 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 ☐ UNFINISHED 8 ☐ DEWATERING
WATER USE	1 ☐ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING ☒ OTHER cottage 9 ☐ NOT USED
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 ☐ DIGGING ☐ OTHER

LOCATION OF WELL

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



DRILLERS REMARKS: 150148

CONTRACTOR

NAME OF WELL CONTRACTOR: FAULKNER WELL DRILLING CO. LTD. | WELL CONTRACTOR'S LICENCE NUMBER: 2104

ADDRESS: 789 ERSKINE AVENUE, PETERBOROUGH K9J 5V1

NAME OF WELL TECHNICIAN: BRIAN MCMURRAY | WELL TECHNICIAN'S LICENCE NUMBER: T-1867

SIGNATURE OF TECHNICIAN/CONTRACTOR: Lori Faulkner | SUBMISSION DATE: DAY 06 MO 09 YR 94

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR 2104 | DATE RECEIVED SEP 12 1994

DATE OF INSPECTION | INSPECTION

REMARKS: CSS.ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 — 5116659 — MUNICIP 5104 — CON CON. 09

COUNTY OR DISTRICT	TOWNSHIP BOROUGH CITY TOWN VILLAGE	CON BLOCK TRACT SURVEY ETC	LOT
[redacted]	[redacted]	CONC. 09	07

[redacted] 50 SANDCREST DR. SCARBOROUGH M1P 4A5

DATE COMPLETED: DAY 01 MO 09 YR 94

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	TO
BLACK	LOAM			0	3
GREY	SAND	CLAY		3	15
BROWN	SAND	GRAVEL		15	23

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
23	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS — UNTESTED
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 5 ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM (INCHES)	MATERIAL	WALL THICKNESS (INCHES)	DEPTH - FEET FROM	TO
6¼"	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	.188	0	23
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			

SCREEN

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	PUMPING RATE	DURATION OF PUMPING
1 ☒ PUMP 2 ☐ BAILER — AIR	50 GPM	1 HOURS 00 MINS

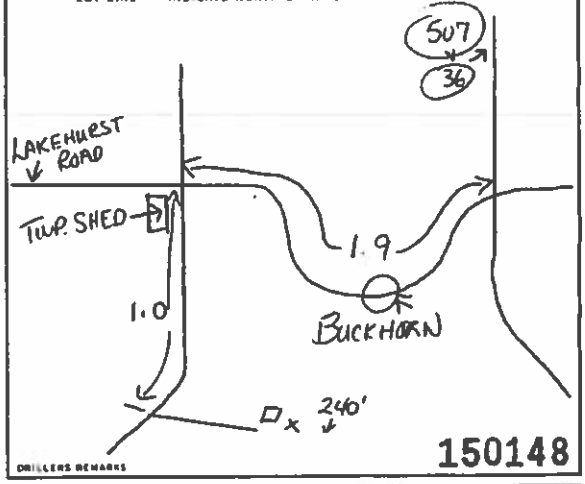
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☒ PUMPING 2 ☐ RECOVERY	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
03 FEET	10 FEET		10 FEET	10 FEET	10 FEET	10 FEET

IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM	18 FEET	1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
1 ☒ SHALLOW 2 ☐ DEEP	18 FEET	30 GPM

LOCATION OF WELL

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



DRILLERS REMARKS: 150148

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

CONTRACTOR

NAME OF WELL CONTRACTOR: FAULKNER WELL DRILLING CO. LTD. — WELL CONTRACTOR'S LICENCE NUMBER: 2104

ADDRESS: 789 ERSKINE AVENUE, PETERBOROUGH K9J 5V1

NAME OF WELL TECHNICIAN: BRIAN MCMURRAY — WELL TECHNICIAN'S LICENCE NUMBER: T-1867

SIGNATURE OF TECHNICIAN/CONTRACTOR: Tim Faulkner — SUBMISSION DATE: DAY 06 MO 09 YR 94

OFFICE USE ONLY

DATA SOURCE — CONTRACTOR 2104 — DATE RECEIVED: SEP 12 1994

DATE OF INSPECTION — INSPECTOR

REMARKS: CSS.ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

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 5117369 Municipality 5101 Con CON 19

County or District [redacted]

Township/Borough/City/Town/Village: HARVEY

Con block tract survey, etc.: 10

Lot: 7

Address: Box 8320 RR 1 PETERBOROUGH

Date completed: 7 day 11 month 96 year

Northing Elevation K9J6H2 Basin Code

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

General colour	Most common material	Other materials	General description	Depth – feet From	Depth – feet To
DR	TOPSOIL			0	1
LGR	LIMESTONE	1	BROKEN	1	10
GR	LIMESTONE			10	120

WATER RECORD

Water found at – feet	Kind of water
115	Fresh, Sulphur, Salty, Minerals, Gas

CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth – feet From	Depth – feet To
6 5/8	Steel, Galvanized, Concrete, Open hole, Plastic	188	0	20
6	Open hole		20	120

SCREEN

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

PLUGGING & SEALING RECORD

Annular space ☐ Abandonment

Depth set at – feet From	Depth set at – feet To	Material and type (Cement grout, bentonite, etc.)
0	20	CEMENT

PUMPING TEST

Pump ☐ Bailer | Pumping rate 10 GPM | Duration of pumping 2 Hours Mins

Static level 31 feet | Water level end of pumping 120 feet | Water levels during ☐ Pumping ☐ Recovery

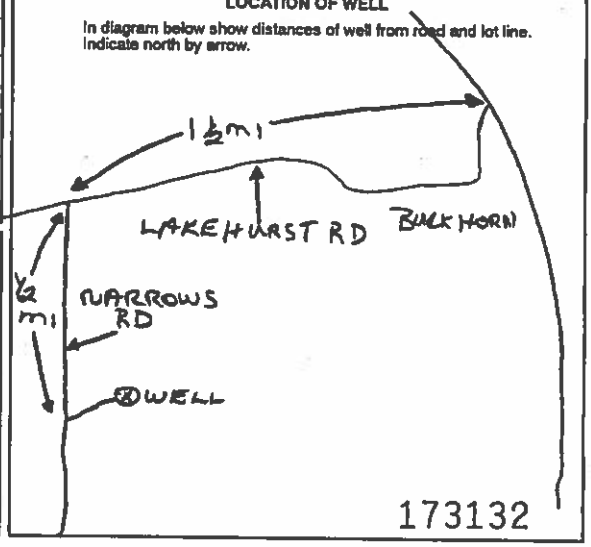
15 minutes	30 minutes	45 minutes	60 minutes
37 feet	32 feet	31 feet	31 feet

If flowing give rate GPM | Pump intake set at 110 feet | Water at end of test ☐ Clear ☐ Cloudy

Recommended pump type ☐ Shallow ☐ Deep | Recommended pump setting 110 feet | Recommended pump rate 5-10 GPM

LOCATION OF WELL

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



173132

FINAL STATUS OF WELL

Water supply ☐ Abandoned, insufficient supply ☐ Unfinished
☐ Observation well ☐ Abandoned, poor quality ☐ Replacement well
☐ Test hole ☐ Abandoned (Other)
☐ Recharge well ☐ Dewatering

WATER USE

Domestic ☐ Commercial ☐ Not used
☐ Stock ☐ Municipal ☐ Other
☐ Irrigation ☐ Public supply
☐ Industrial ☐ Cooling & air conditioning

METHOD OF CONSTRUCTION

☐ Cable tool ☐ Air percussion ☐ Driving
☐ Rotary (conventional) ☐ Boring ☐ Digging
☐ Rotary (reverse) ☐ Diamond ☐ Other
☐ Rotary (air) ☐ Jetting

Name of Well Contractor: [illegible] ARTESIAN WELL DRILLERS | Well Contractor's Licence No. 6016

Address: Box 423 Haliburton Kom 1S0

Name of Well Technician: RICK RUTTLE | Well Technician's Licence No. T0112

Signature of Technician/Contractor | Submission date 1 day 12 mo 96 yr

MINISTRY USE ONLY

Data source | Contractor 6016 | Date received DEC 04 1996

Date of inspection | Inspector

Remarks CSS. S

2 - MINISTRY OF ENVIRONMENT & ENERGY COPY

0506 (07/94) Front Form 8

Ontario Ministry of the Environment

The Ontario Water Resources Act

WATER WELL RECORD

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

11 — 5118220 — Municipality 5101 — Con CON 09

County or District: Peterborough — Township/Borough/City/Town/Village: Harvey — Con — block, tract, survey, etc. — Lot 7

[redacted]
Address: o/c RR#1 Lakefield K0L 2H0

Date completed: 1 day Sept month 99 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	Depth - feet To
Brown	Soil	Stones		0	5
Red	Granite			5	44

41 WATER RECORD

Water found at - feet	Kind of water
38	2 Salty
42	1 Fresh

51 CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth - feet From	Depth - feet To
6 1/2	1 Steel	.188	0	20
6	5 Open hole		20	44

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	Depth set at - feet To	Material and type (Cement grout, bentonite, etc.)
0	20	Cement

71 PUMPING TEST

Pumping test method: 1 Pump ☐ — Pumping rate: 15.0+ GPM — Duration of pumping: 1 Hours — Mins

Water levels during: 1 Pumping ☐ — 2 Recovery ☑

Static level	Water level end of pumping	15 minutes	30 minutes	45 minutes	60 minutes
6 feet	44 feet	12 feet	10 feet	9 feet	8 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: 35 feet — Recommended pump rate: 10.0 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

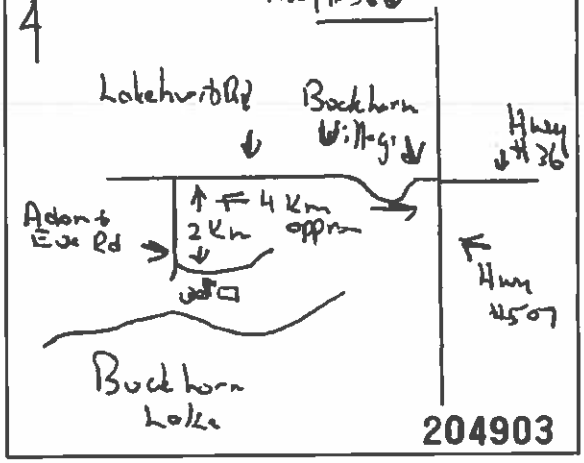
1 Domestic ☑ — 2 Stock ☐ — 3 Irrigation ☐ — 4 Industrial ☐ — 5 Commercial ☐ — 6 Municipal ☐ — 7 Public supply ☐ — 8 Cooling & air conditioning ☐ — 9 Not use ☐ — 10 Other ☐

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.



204903

Name of Well Contractor	Well Contractor's Licence No.
Dennis Dobler Drilling Ltd	1748
Address: RR2 Haliburton Ont. K0M 1S0	
Name of Well Technician: Dennis Dobler	Well Technician's Licence No.: T-0033
Signature of Technician/Contractor: Dennis Dobler	Submission date: 07 09 99 (day mo yr)

MINISTRY USE ONLY — Data source — Contractor 1748 — Date received SEP 21 1999 — Date of inspection — Inspector — Remarks — CSS.ES0

0506 (11/98) Front Form 9

2 - MINISTRY OF THE ENVIRONMENT COPY

Ontario Ministry of the Environment

The Ontario Water Resources Act

WATER WELL RECORD

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

11 — 5118220 — Municipality 5101 — Con CON 09

County or District: Peterborough — Township/Borough/City/Town/Village: Harvey — Con: 9 — block, tract, survey, etc. — Lot: 7

[redacted]

Address: o/c RR#1 Lakefield K0L 2H0

Date completed: 1 day Sept month 99 year 99

21 — 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	Depth - feet To
Brown	Sand	Stones		0	5
Red	Granite			5	44

31

32

41 WATER RECORD

Water found at - feet	Kind of water
38	1 ☑ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
42	1 ☐ Fresh 2 ☑ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas

51 CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth - feet From	Depth - feet To
6½	1 ☑ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic	.188	0	20
6	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☑ Open hole 5 ☐ Plastic		20	44
	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic			

SCREEN

Size 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	Depth set at - feet To	Material and type (Cement grout, bentonite, etc.)
0	20	Cement

PUMPING TEST

71 — Pumping test method: 1 ☐ Pump 2 ☐ Bailer 3 ☑ Air — Pumping rate: 15.0+ GPM — Duration of pumping: 1 Hours 15 Mins

Static level	Water level end of pumping	Water levels during: 1 ☐ Pumping 2 ☑ Recovery			
6 feet	44 feet	15 minutes: 12 feet	30 minutes: 10 feet	45 minutes: 9 feet	60 minutes: 8 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: 35 feet — Recommended pump rate: 10.0 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

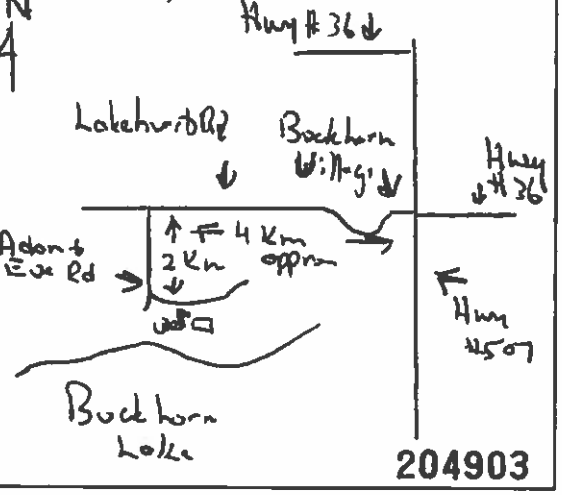
1 ☑ Domestic 2 ☐ Stock 3 ☐ Irrigation 4 ☐ Industrial 5 ☐ Commercial 6 ☑ Municipal 7 ☐ Public supply 8 ☐ Cooling & air conditioning 9 ☐ Not use 10 ☐ Other

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.



204903

Name of Well Contractor: Dennis Dobler Drilling Ltd — Well Contractor's Licence No.: 1748

Address: RR2 Haliburton Ont. K0M 1S0

Name of Well Technician: Dennis Dobler — Well Technician's Licence No.: T-0033

Signature of Technician/Contractor: Dennis Dobler — Submission date: day 07 mo 09 yr 99

MINISTRY USE ONLY — Data source — Contractor: 1748 — Date received: SEP 21 1999

Date of inspection — Inspector

Remarks

CSS.ES0

2 - MINISTRY OF THE ENVIRONMENT COPY

0506 (11/98) Front Form 9

Ontario Ministry of the Environment

The Ontario Water Resources Act
WATER WELL RECORD

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

11 — 5118390 — Municipality 5101W — Con CON — 09

County or District: PETERBOROUGH
Township/Borough/City/Town/Village: HARVEY
Con block tract survey, etc.: 9
Lot: 7
[redacted]
Address: BUCKHORN CRNG
Date completed: 5 / 17 / 99 (day / month / year)

21 — 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	Depth - feet To
BROWN	CLAY, TOPSOIL			0	4
RED	GRANITE BOULDER.			4	7
BROWN	CLAY, GRAVEL.			7	12
RED	GRANITE ROCK			12	20

31
32

41 WATER RECORD

Water found at - feet	Kind of water
65-70'	1 ☑ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas

51 CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth - feet From	Depth - feet To
6 1/4"	1 ☑ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic	(STEEL)	0	20'
	1 ☐ Steel 2 ☑ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic			
	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic			

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	Depth set at - feet To	Material and type (Cement grout, bentonite, etc.)
0	20'	BENTONITE GROUT.

PUMPING TEST

71 — Pumping test method: 1 ☐ Pump 2 ☑ Bailer — Pumping rate: 8 GPM — Duration of pumping: 2 Hours 0 Mins

Static level	Water level end of pumping	Water levels during: 1 ☐ Pumping 2 ☐ Recovery			
7' feet	60' feet	15 minutes 41' feet	30 minutes 21' feet	45 minutes 7' feet	60 minutes feet

If flowing give rate: GPM — Pump intake set at: 65' feet — Water at end of test: ☑ Clear ☐ Cloudy

Recommended pump type: ☐ Shallow ☑ Deep — Recommended pump setting: 65' feet — Recommended pump rate: 8 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

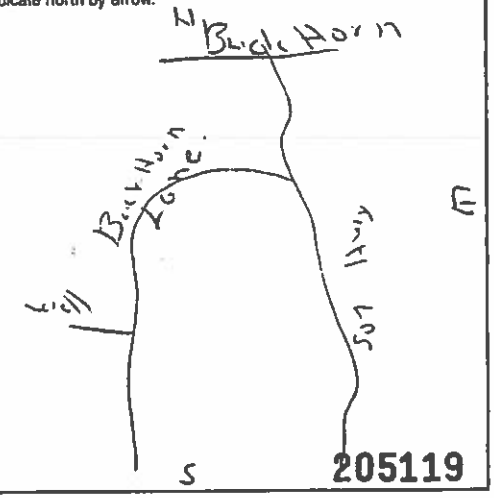
1 ☑ Domestic 2 ☐ Stock 3 ☐ Irrigation 4 ☐ Industrial 5 ☐ Commercial 6 ☐ Municipal 7 ☐ Public supply 8 ☐ Cooling & air conditioning 9 ☐ Not use 10 ☐ Other

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.



205119

Name of Well Contractor: BURGESS WELL DRILLING — Well Contractor's Licence No.: 1455
Address: RR#1 OMEMEE
Name of Well Technician: DAVID CAPLAN, BILL BURGESS. — Well Technician's Licence No.: 1455
Signature of Technician/Contractor — Submission date: 8 / 9 / 99 (day / mo / yr)

MINISTRY USE ONLY
Data source — Contractor: 1455 — Date received: MAR 09 2000
Date of inspection — Inspector
Remarks: CSS.ES0

0506 (11/98) Front Form 9

2 - MINISTRY OF THE ENVIRONMENT COPY

Ontario Ministry of the Environment

The Ontario Water Resources Act

WATER WELL RECORD

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

11 **5118866** Municipality 5101 Con CON 10

County or District	Township/Borough/City/Town/Village	Con	block	tract	survey, etc.	Lot
Peterboro.	HARVEY	CON 10				7

[redacted]

Address RR#1 Lakefield ONT K0L 2H0 — Date completed 1 day 8 month 01 year

21 — 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	Depth - feet To
GREY	LIMESTONE		Medium	0'	70'
Red	Granite		Medium	70'	180'
BLACK	Granite		Medium	180'	220'
Black-Red	Granite		Medium	220	250'
Red	Granite		Medium	950	262'

31

32

41 WATER RECORD

Water found at - feet	Kind of water
200'	1 ☒ Fresh 2 ☐ Salty, 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas

51 CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth - feet From	Depth - feet To
6 1/4	1 ☒ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic	.188	0'	22'
	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☒ Open hole 5 ☐ Plastic		20'	262'
	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic			

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	Depth set at - feet To	Material and type (Cement grout, bentonite, etc.)
0'	20'	Bonseal Grout

71 PUMPING TEST

Pumping test method 1 ☐ Pump 2 ☒ Bailer — Pumping rate 3 GPM — Duration of pumping 1 Hours 0 Mins

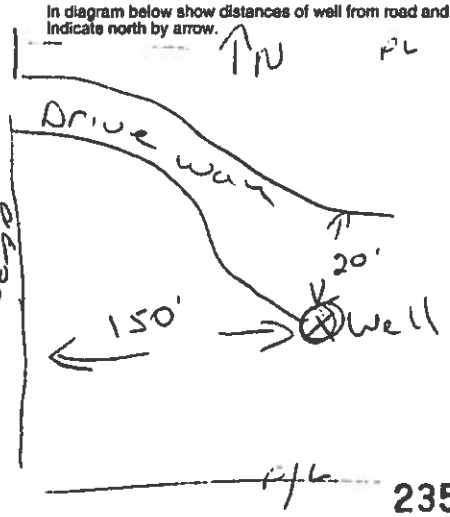
Static level	Water level end of pumping	Water levels during 1 ☐ Pumping 2 ☒ Recovery			
65 feet	260 feet	15 minutes 250 feet	30 minutes 240 feet	45 minutes 230 feet	60 minutes 220 feet

If flowing give rate — GPM — Pump intake set at 255 feet — Water at end of test ☒ Clear ☐ Cloudy

Recommended pump type ☐ Shallow ☒ Deep — Recommended pump setting 255 feet — Recommended pump rate 5 GPM

LOCATION OF WELL

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



235012

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 use 10 ☐ Other

METHOD OF CONSTRUCTION

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

Name of Well Contractor	Well Contractor's Licence No.
Titus Well Drilling	5020
Address: Boocherham	
Name of Well Technician: Perm Titus	Well Technician's Licence No. T0412
Signature of Technician/Contractor	Submission date: day 30 mo 8 yr 01

MINISTRY USE ONLY

Data source	Contractor	Date received
	5020	OCT 09 2001

Date of inspection — Inspector

Remarks

0506 (07/00) Front Form 9

2 - MINISTRY OF THE ENVIRONMENT COPY

Ontario — Ministry of Environment and Energy

The Ontario Water Resources Act
WATER WELL RECORD

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

11 — 5119542 — Municipality 5101 — Con. CON 09

County or District [redacted] — Township/Borough/City/Town/Village HARVEY — Con. 9 — block — tract — survey, etc. — Lot 7

Address of Well Location Big Bold Lake Fire Rd 79 # 1268 — Date completed 11 day 08 month 03 year

21 — Zone — Easting — 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	Depth - feet To
brown	soil			0	2
red, grey	granite			2	220

31

32

41 WATER RECORD

Water found at - feet	Kind of water
210	1 ☑ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas

51 CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth - feet From	Depth - feet To
6 5/8	1 ☑ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic	.188	0	20
6	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☑ Open hole 5 ☐ Plastic		20	220
	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic			

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	Depth set at - feet To	Material and type (Cement grout, bentonite, etc.)
0	2'	cement

PUMPING TEST

71 — Pumping test method 1 ☐ Pump 2 ☑ Bailer — Pumping rate 15 GPM — Duration of pumping 1 hours 0 min

Static level	Water level end of pumping	Water levels during 1 ☐ Pumping 2 ☑ Recovery			
		15 minutes	30 minutes	45 minutes	60 minutes
15 feet	220 feet	75 feet	42 feet	36 feet	31 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 180 feet — Recommended pump rate 5 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

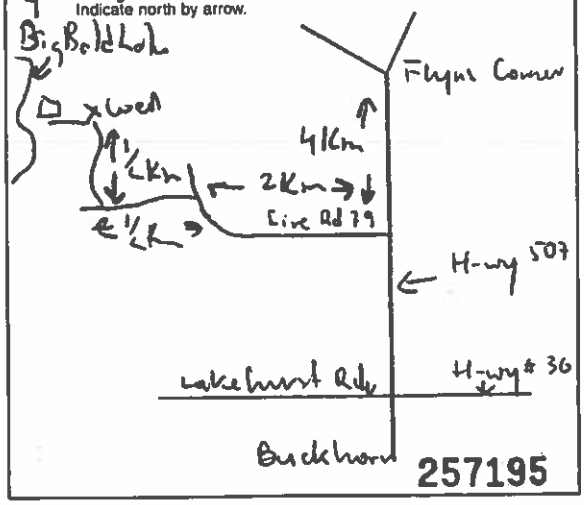
1 ☐ Domestic 2 ☐ Stock 3 ☐ Irrigation 4 ☐ Industrial 5 ☐ Commercial 6 ☐ Municipal 7 ☐ Public supply 8 ☐ Cooling & air conditioning 9 ☐ Not use 10 ☐ Other

METHOD OF CONSTRUCTION

1 ☐ Cable tool 2 ☐ Rotary (conventional) 3 ☐ Rotary (reverse) 4 ☐ Rotary (air) 6 ☑ 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: Dennis Dekler Drilling Ltd — Well Contractor's Licence No. 1748

Address: RR 2 Haliburton Ont. K0M 1S0

Name of Well Technician: Dennis Dekler — Well Technician's Licence No. T-0033

Signature of Technician/Contractor — Submission date 25 day 08 mo 03 yr

MINISTRY USE ONLY

Data source — Contractor 1748 — Date received SEP 11 2003

Date of inspection — Inspector

Remarks: USSES3

0506 (06/02) Front Form 8

2 - MINISTRY OF ENVIRONMENT AND ENERGY COPY

Ontario Ministry of the Environment

Well Tag No. (Sticker below) A 058168

A058168

Well Record

Regulation 903 Ontario Water Resources Act

page ___ of ___

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 Help Desk (Toll Free) at 1-888-396-9355.
- All metre measurements shall be reported to 1/10th of a metre.
- Please print clearly in blue or black ink only.

Ministry Use Only

MUN | CON | LOT

Well Owner's Information and Location of Well Information

[redacted]

PETERBOROUGH | HARVEY | 7 | 10

RR#/Street Number/Name: AM 280 Harvey | City/Town/Village | Site/Compartment/Block/Tract etc.: RP 45R 13319 Part 2

GPS Reading: NAD 83 | Zone 17 | Easting 708384 | Northing 4934955 | Unit Make/Model: Magellan Sportrac | 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 From	Depth To
BROWN	SAND			0-28	0	8.5
GREY	CLAY		FIRM	28-36	8.5	11.0
RED	ROCK		BROKEN	36-55	11.0	16.8
GREY	GRANITE		MEDIUM	55-120	16.8	36.6
RED	"		"	120-130	36.6	39.6
		AIR TEST 50GPM+				

Hole Diameter

Depth From	Depth To	Diameter Centimetres

Water Record

Water found at Metres / Kind of Water

- 36 m ☑ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:
- ___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:
- ___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:

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 From	Depth To
Casing				
16	☑ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	.48	+0.6	18.4
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
Screen				
Outside diam	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	Slot No.		
No Casing or Screen				
15.25	☑ Open hole		18.4	39.6

Test of Well Yield

Pumping test method: pump

	Draw Down Time min	Draw Down Water Level Metres	Recovery Time min	Recovery Water Level Metres
Pump intake set at - (metres) 20	Static Level	0.315		1.29
Pumping rate - (litres/min) 64	1	0.75	1	0.86
Duration of pumping 2 hrs + ___ min	2	0.78	2	0.84
Final water level end of pumping 1.3 metres	3	0.81	3	0.82
Recommended pump type: ☑ Shallow ☐ Deep	4	0.82	4	0.80
Recommended pump depth. 120 metres	5	0.84	5	0.79
Recommended pump rate. 50 (litres/min)	10	0.70	10	0.74
If flowing give rate - (litres/min)	15	0.85	15	0.70
If pumping discontinued, give reason.	20	0.98	20	0.67
	25	1.0	25	0.64
	30	1.1	30	0.62
	40	1.2	40	0.59
	50	1.24	50	0.57
	60	1.25	60	0.56

Plugging and Sealing Record

☑ Annular space ☐ Abandonment

Depth set at - Metres From	Depth set at - Metres To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
0	8	Bentonite Slurry	1/3

Method of Construction

☐ Cable Tool ☐ Rotary (air) ☐ Diamond ☐ Digging
☐ Rotary (conventional) ☑ Air percussion ☐ Jetting ☐ Other
☐ Rotary (reverse) ☐ Boring ☐ Driving X DRILL

Water Use

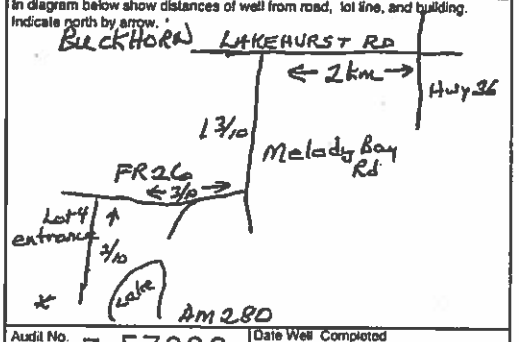
☑ Domestic ☐ Industrial ☐ Public Supply ☐ Other
☐ Stock ☐ Commercial ☐ Not used
☐ Irrigation ☐ Municipal ☐ Cooling & air conditioning

Final Status of Well

☑ Water Supply ☐ Recharge well ☐ Unfinished ☐ Abandoned, (Other)
☐ Observation well ☐ Abandoned, insufficient supply ☐ Dewatering
☐ Test Hole ☐ Abandoned, poor quality ☐ Replacement well

Location of Well

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



Well Contractor/Technician Information

Name of Well Contractor: EARL V. MARQUARDT & SONS INC | Well Contractor's Licence No.: 3611

Business Address (street name, number, city etc.): RR1 6442 Palmer Rd, Palmer Rapids ON K0J 2E0

Name of Well Technician (last name, first name): MARQUARDT TERRY | Well Technician's Licence No.: T62

Signature of Technician/Contractor: X Terry Marquardt | Date Submitted: 07 10 18

Audit No. Z 57939 | Date Well Completed: 07 10 15

Was the well owner's information package delivered? ☑ Yes ☐ No | Date Delivered: 07 10 15

Ministry Use Only

Data Source | Contractor

Date Received: NOV 19 2007 | Date of Inspection | Remarks | Well Record Number

0506E (08/2006) **Ministry's Copy**

Cette formule est disponible en français

Ontario Ministry of the Environment

Well Tag No. (Sticker below) A 058208

A058208

Well Record

Regulation 903 Ontario Water Resources Act

page ___ of ___

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 Help Desk (Toll Free) at 1-888-396-9355.
- All metre measurements shall be reported to 1/10th of a metre.
- Please print clearly in blue or black ink only.

Ministry Use Only

MUN | CON | LOT

Well Owner's Information and Location of Well Information

[redacted]

PETERBOROUGH | HARVEY | 7 | 10

RR#/Street Number/Name: 1674 Melody Bay Rd | City/Town/Village | Site/Compartment/Block/Tract etc.

GPS Reading: NAD 83 | Zone 17 | Easting 709373 | Northing 4931505 | Unit Make/Model: Magellan SporTrac | 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 From	Depth To
BROWN	SAND		FIRM	0-31	0	9.5
GREY	GRANITE		MEDIUM	31-78	9.5	23.8
RED	"		"	78-105	23.8	32.0
GREY	"		"	105-150	32.0	45.7
RED	"		"	150-151	45.7	46.0
LIGHT RED	"		"	151-160	46.0	48.8
		AIR TEST 20 gpm.				

Hole Diameter

Depth From	Depth To	Diameter Centimetres

Water Record

Water found at Metres: 45 m | Kind of Water: ☒ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other

___ m | ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other

___ m | ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other

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 From	Depth To
Casing				
16	☒ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	.48	+0.6	12.3
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
Screen				
Outside diam	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	Slot No.		
No Casing or Screen				
12.25	☒ Open hole		12.3	48.8

Test of Well Yield

Pumping test method: pump

	Draw Down Time min	Draw Down Water Level Metres	Recovery Time min	Recovery Water Level Metres
Pump intake set at (metres) 20	Static Level	0.72		0.97
Pumping rate (litres/min) 35	1	1.41	1	0.86
Duration of pumping 1 hrs + ___ min	2	1.56	2	0.84
Final water level end of pumping 1.36 metres	3	1.61	3	0.82
Recommended pump type: ☐ Shallow ☒ Deep	4	1.64	4	0.82
Recommended pump depth. 40 metres	5	1.66	5	0.81
Recommended pump rate. 35 (litres/min)	10	1.68	10	0.78
If flowing give rate - (litres/min)	15	1.76	15	0.76
	20	1.80	20	0.75
	25	1.84	25	0.74
If pumping discontinued, give reason	30	1.84	30	0.73
	40	1.85	40	0.72
	50	1.86	50	—
	60	1.86	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)
0	8	Bentonite slurry	1/3

Method of Construction

☐ Cable Tool ☐ Rotary (air) ☐ Diamond ☐ Digging
☐ Rotary (conventional) ☒ Air percussion ☐ Jetting ☐ Other X-DRILL
☐ Rotary (reverse) ☐ Boring ☐ Driving

Water Use

☒ Domestic ☐ Industrial ☐ Public Supply ☐ Other
☐ Stock ☐ Commercial ☐ Not used
☐ Irrigation ☐ Municipal ☐ Cooling & air conditioning

Final Status of Well

☒ Water Supply ☐ Recharge well ☐ Unfinished ☐ Abandoned, (Other)
☐ Observation well ☐ Abandoned, insufficient supply ☐ Dewatering
☐ Test Hole ☐ Abandoned, poor quality ☐ Replacement well

Well Contractor/Technician Information

Name of Well Contractor: EARL V. MARQUARDT & SON INC | Well Contractor's Licence No.: 3611

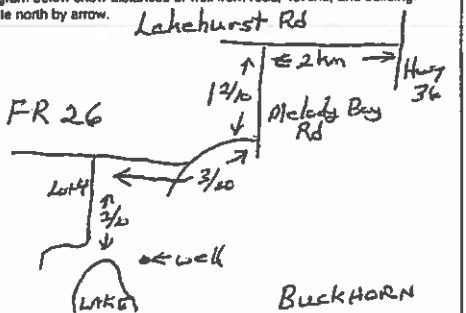
Business Address (street name, number, city etc.): RR1, 6442 Palmer Rd, Palmer Rapids ON K0J-2E0

Name of Well Technician (last name, first name): MARQUARDT TERRY | Well Technician's Licence No.: T62

Signature of Technician/Contractor: x [signature] | Date Submitted YYYY MM DD: 07 10 24

Location of Well

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



Audit No. Z 57941 | Date Well Completed YYYY MM DD: 07 10 15

Was the well owner's information package delivered? ☒ Yes ☐ No | Date Delivered YYYY MM DD: 07 10 15

Ministry Use Only

Data Source | Contractor

Date Received YYYY MM DD: NOV 19 2007 | Date of Inspection YYYY MM DD

Remarks | Well Record Number

0506E (08/2006)

Ministry's Copy

Cette formule est disponible en français

Ontario Ministry of the Environment

Well Tag (or below): A 058177 / A058177

Well Record

Regulation 903 Ontario Water Resources Act

page ___ of ___

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 Help Desk (Toll Free) at 1-888-396-9355.
- **All metre measurements shall be reported to 1/10th of a metre.**
- Please print clearly in blue or black ink only.

Ministry Use Only

MUN | CON | LOT

Well Owner's Information and Location of Well Information

[redacted]

PETERBOROUGH | HARVEY | 7 | 10

RR#/Street Number/Name: 1674 Melody Bay Rd | City/Town/Village | Site/Compartment/Block/Tract etc.

GPS Reading: NAD 83 | Zone 17 | Easting 709357 | Northing 4935007 | Unit Make/Model: Magellan Sportrac | 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 From	Depth To
BROWN	SAND		WET FINE	0-15	0	4.6
GREY	CLAY	GRAVEL	FIRM	15-34	4.6	10.4
RED,WHT,GREY	GRANITE		MEDIUM	34-74	10.4	22.6
BROWN	GRANITE		FRACTURED	74-76	22.6	23.2
GREY	"		MEDIUM	76-80	23.2	24.4
		AIR TEST 50gpm +				

Hole Diameter

Depth From	Depth To	Diameter Centimetres

Water Record

Water found at Metres / Kind of Water

- ☐ m ☒ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:
- ☐ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:
- ☐ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:

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 From	Depth To
Casing				
16	☒ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	.48	+0.6	12.3
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
Screen				
Outside diam	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	Slot No.		
No Casing or Screen				
15,25	☒ Open hole		12.3	24.4

Test of Well Yield

Pumping test method: pump

	Draw Down Time min	Draw Down Water Level Metres	Recovery Time min	Recovery Water Level Metres
Pump intake set at - (metres) 10	Static Level	2.02		2.17
Pumping rate - (litres/min) 35	1	2.14	1	2.05
Duration of pumping 1 hrs + ___ min	2	2.14	2	2.04
Final water level end of pumping 2.14 metres	3	2.15	3	2.03
Recommended pump type ☒ Shallow ☐ Deep	4	2.15	4	2.02
Recommended pump depth 10 metres	5	2.15	5	
Recommended pump rate. 20 (litres/min)	10	2.16	10	
If flowing give rate - (litres/min)	15	2.16	15	
If pumping discontinued, give reason.	20	2.16	20	
	25	2.16	25	
	30	2.17	30	
	40	2.17	40	
	50	2.17	50	
	60	2.17	60	

Plugging and Sealing Record

☒ Annular space ☐ Abandonment

Depth set at - Metres From	Depth set at - Metres To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
0	8	Bentonite Slurry	1/2

Method of Construction

☐ Cable Tool ☐ Rotary (air) ☐ Diamond ☐ Digging
☐ Rotary (conventional) ☒ Air percussion ☐ Jetting ☐ Other
☐ Rotary (reverse) ☐ Boring ☐ Driving X-DRILL

Water Use

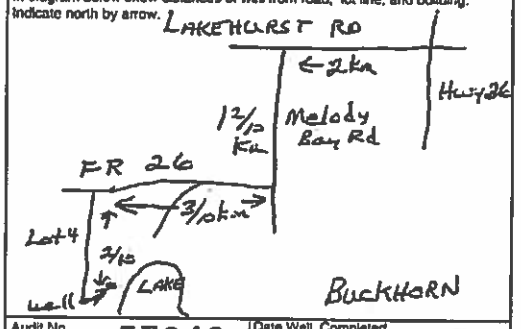
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Other
☐ Stock ☐ Commercial ☐ Not used
☐ Irrigation ☐ Municipal ☐ Cooling & air conditioning

Final Status of Well

☒ Water Supply ☐ Recharge well ☐ Unfinished ☐ Abandoned, (Other)
☐ Observation well ☐ Abandoned, insufficient supply ☐ Dewatering
☐ Test Hole ☐ Abandoned, poor quality ☐ Replacement well

Location of Well

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



Audit No. Z 57940

Date Well Completed: YYYY 07 MM 10 DD 12

Was the well owner's information package delivered? ☒ Yes ☐ No

Date Delivered: YYYY 07 MM 10 DD 12

Well Contractor/Technician Information

Name of Well Contractor: EARL V. MARQUARDT & SON INC | Well Contractor's Licence No.: 3611

Business Address (street name, number, city etc.): RR1, 6442 Palmer Rd, Palmer Rapids ON K0J-2E0

Name of Well Technician (last name, first name): MARQUARDT TERRY | Well Technician's Licence No.: T62

Signature of Technician/Contractor: X Terry Marquardt | Date Submitted: YYYY 07 MM 10 DD 19

Ministry Use Only

Data Source	Contractor
Date Received YYYY NOV 19 2007 MM DD	Date of Inspection YYYY MM DD
Remarks	Well Record Number

0506E (08/2006)

Ministry's Copy

Cette formule est disponible en français

Ontario Ministry of the Environment

Well Tag No. (Place Sticker and/or Print Below)
A 065076
A065076

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

Well Owner's Information

[redacted]

105 MELODY BAY RD. HAILEY

County/District/Municipality: PETERBOUGH. City/Town/Village: BUCKHORN Province: Ontario Postal Code:

UTM Coordinates: NAD 83 Zone 17 Easting 709810 Northing 4935369 GPS Unit Make: GARMIN Model: ETREX Mode of Operation: ☐ Undifferentiated ☐ Differentiated, specify ☑ Averaged 9m

Overburden and Bedrock Materials

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres) From	To
BROWN	TOPSOIL			0	.609
BLACK BROWN	CLAY			.609	6.70
GREY	CLAY, STONE			6.70	10.66
GRAVEL	GRANITE ROCK			10.66	12.19

Annular Space/Abandonment Sealing Record

Depth Set at (Metres) From	To	Type of Sealant Used (Material and Type)	Volume Placed (Cubic Metres)
0	6.09	BENTONITE SLURRY 3/4 hole plug	

Method of Construction

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

Water Use

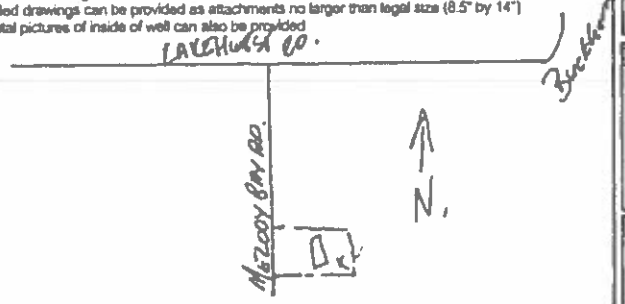
☑ Public ☐ Commercial ☐ Not used
☐ Domestic ☐ Municipal ☐ Dewatering
☐ Livestock ☐ Test Hole ☐ Monitoring
☐ Irrigation ☐ Cooling & Air Conditioning
☐ Industrial
☐ Other, specify

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")
- digital pictures of inside of well can also be provided



Date Well Completed (yyyy/mm/dd): 2007/11/03

Was the well owner's information package delivered? ☑ Yes ☐ No

Date the Well Record and Package Delivered to Well Owner (yyyy/mm/dd): 2007/12/04

Well Contractor and Well Technician Information

Business Name of Well Contractor: BURGESS WELL DRILLING Well Contractor's Licence No.: 1455

Business Address (Street No./Name, number, RR): RR#1 ONEIDA, Municipality: CITY CHANNEL CAN.

Province: ONT Postal Code: K9J2W0 Business E-mail Address:

Bus Telephone No. (inc. area code): 7057995871 Name of Well Technician (Last Name, First Name): WM BURGESS

Well Technician's Licence No.: 0836 Signature of Technician: [signature] Date Submitted (yyyy/mm/dd): 2007/12/04

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): 11.27

Pumping rate (Litres/min): 22.73

Duration of pumping: 1 hrs + 0 min

Final water level end of pumping (Metres): 7.89

Recommended pump type: ☐ Shallow ☑ Deep

Recommended pump depth: 11.27 Metres

Recommended pump rate (Litres/min): 22.73

If flowing give rate (Litres/min):

	Draw Down Time (Min)	Draw Down Water Level (Metres)	Recovery Time (Min)	Recovery Water Level (Metres)
Static Level		1.52	Static Level	
1		2.13	1	6.70
2		2.56	2	6.12
3		2.80	3	5.67
4		3.10	4	5.42
5		3.32	5	4.99
10		3.50	10	3.32
15		3.81	15	1.70
20		4.41	20	1.52
25		5.45	25	
30		7.89	30	
40		"	40	
50		"	50	
60		"	60	

Water Details

Water found at Depth: 12.19 Metres ☐ Gas — Kind of Water: ☑ Fresh ☐ Salty ☐ Sulphur Minerals

Water found at Depth: ____ Metres ☐ Gas — Kind of Water: ☐ Fresh ☐ Salty ☐ Sulphur Minerals

Water found at Depth: ____ Metres ☐ Gas — Kind of Water: ☐ Fresh ☐ Salty ☐ Sulphur Minerals

Casing Used

☐ Galvanized
☑ Steel
☐ Fibreglass
☐ Plastic
☐ Concrete

Screen Used

☐ Galvanized
☐ Steel
☐ Fibreglass
☐ Plastic
☐ Concrete

No Casing and Screen Used

☐ Open Hole

Disinfected? ☑ Yes ☐ No

Casing and Well Details

Diameter of the Hole (Centimetres): 15

Depth of the Hole (Metres): 12.19

Wall Thickness (Metres): .188

Inside Diameter of the Casing (Metres): .157

Depth of the Casing (Metres): 12.19

Ministry Use Only

Audit No.: Z81257 Well Contractor No.:

Date Received (yyyy/mm/dd): APR 11 2008 Date of Inspection (yyyy/mm/dd):

Remarks:

0506E (11/2006) Ministry's Copy

Ontario Ministry of the Environment

Well Tag No. (Place Sticker and/or Print Below) **A 095798**

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

Measurements recorded in: ☐ Metric ☒ Imperial

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
GRANITE RIDGE	ESTATES PHASE II		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
P.O. BOX 100.	BUCKHORN.	ONT.	K0L1J0	7056579311

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
LOT 19. PHASE II	HARVEY.	8	9

County/District/Municipality	City/Town/Village	Province	Postal Code
PETERBOUROUGH	BUCKHORN	Ontario	K0L1J0

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	17	709616	4935734		

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	SAND	GRAVEL-	PACKED	0	19
BROWN	SAND	BOULDERS.	HARD PACKED	19	24.
BLACK	GRANITE	RED GRANITE.	BEDROCK.	24	200.

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	30	BENTONITE SLURRY	7 ft³

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): 150

Pumping rate (l/min / GPM): 15

Duration of pumping: 1 hrs + 0 min

Final water level end of pumping (m/ft): 80.7

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)	Water Level (m/ft)	Recovery Time (min)	Water Level (m/ft)
Static Level	6.4		80.7
1	13.3	1	67.3
2	17.9	2	54.9
3	21.4	3	47.0
4	24.3	4	35.4
5	26.5	5	28.1
10	34.8	10	21.0
15	41.3	15	14.6
20	47.1	20	11.9
25	52.9	25	9.2
30	58.5	30	7.8
40	68.4	40	7.1
50	74.6	50	6.9
60	80.7	60	6.7

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
6 1/4	STEEL.	.188	0	30
6"	OPEN HOLE		30	200

Status of Well

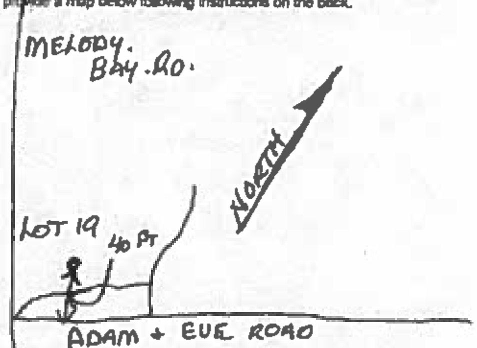
☒ Water Supply ☐ Replacement Well ☐ Test Hole ☐ Recharge Well ☐ Dewatering Well ☐ Observation and/or Monitoring Hole ☐ Alteration (Construction) ☐ Abandoned, Insufficient Supply ☐ Abandoned, Poor Water Quality ☐ Abandoned, other, specify ☐ Other, specify

Construction Record - Screen

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

Map of Well Location

Please provide a map below following instructions on the back.



Water Details

Water found at Depth	Kind of Water
UK (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)
0	27	9"
27	200	6"

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
JOE LEGGE & SONS	7052

Business Address (Street Number/Name)	Municipality
1344 INLET BAY ROAD	BANCROFT

Province	Postal Code	Business E-mail Address
ONT	K0L1C0	

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
6133392025	LEGGE JOE

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
1879	J Legge	Y Y Y Y M M D D

Comments: WELL REQUIRED SURGING

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☒ Yes ☐ No	20100428	20100428

Ministry Use Only

Audit No. Z110511

Received JUN 17 2010

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

Ministry's Copy

Ontario Ministry of the Environment

Measurements recorded in: ☐ Metric ☒ Imperial

Well Tag No. (Place Sticker and/or Print Below): Tag#: A126765

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

[redacted]

Address of Well Location (Street Number/Name): 741 MELODY BAY ROAD

Township: HARVEY

Lot: 8

Concession: 9

County/District/Municipality: PETERBOROUGH

City/Town/Village: BUCKHORN

Province: Ontario

Postal Code:

UTM Coordinates: Zone | Easting | Northing

NAD 8 3 / 1 7 | 7 0 9 7 3 2 | 4 9 3 5 6 5 0

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	SAND	SILT	FINE	0	29
RED	GRANITE		BEDROCK	29	202

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	32	BENTONITE SLURRY	8 FT³

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	0	35
6"	OPEN HOLE		35	202

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 (m/ft)	Gas	Kind of Water	Other, specify
187	☐	☐ Fresh ☒ Untested	
44	☐	☐ Fresh ☒ Untested	
	☐	☐ Fresh ☐ Untested	

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	32	9"
32	202	6"

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)

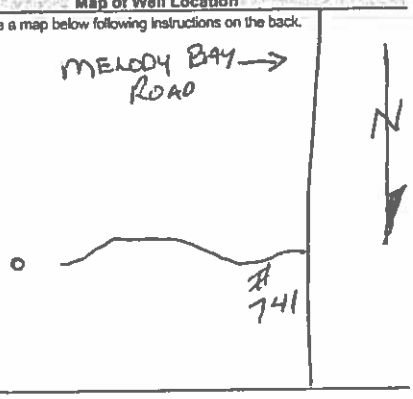
Well production (l/min / GPM)

Disinfected? ☒ Yes ☐ No

	Draw Down Time (min)	Draw Down Water Level (m/ft)	Recovery Time (min)	Recovery Water Level (m/ft)
Static Level		5.1		182.
1	1	14.4	1	170.2
2	2	23.0	2	164.1
3	3	31.2	3	159.5
4	4	39.0	4	155.0
5	5	47.6	5	152.3
10	10	87.9	10	140.0
15	15	125.0	15	128.2
20	20	143	20	119.0
25	25	150	25	107.3
30	30	182	30	98.4
40	40	11	40	81.6
50	50	11	50	64.5
60	60	182	60	48.7

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: JOE LEGGE & SONS

Well Contractor's Licence No.: 7052

Business Address (Street Number/Name): 1344 INLET BAY ROAD

Municipality: BANCROFT

Province: ONT

Postal Code: K0L1C0

Business E-mail Address:

Bus. Telephone No. (inc. area code): 6133392025

Name of Well Technician (Last Name, First Name): LEGGE JOE

Well Technician's Licence No.: 1879

Signature of Technician and/or Contractor: Joe Legge

Date Submitted:

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

Date Package Delivered: 2012 06 21

Date Work Completed: 2012 06 21

Ministry Use Only

Audit No.: Z143568

SEP 20 2012

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

Ministry's Copy