

Appendix E
Water Well Record for MW06-7

Instructions for Completing Form

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

Ministry Use Only

Well Owner's Information and Location of Well Information

First Name: Owen
 Last Name: Owen
 Mailing Address (Street Number/Name, RR, Lot, Concession): 211 Woodman Rd, City of Waterloo
 County/District/Municipality: Waterloo
 Township: Waterloo
 Province: Ontario
 Postal Code: N2L 2L4
 Telephone Number (include area code):
 Address of Well Location (County/District/Municipality): Waterloo
 Township: Waterloo
 Lot: 160
 Concession:
 RR/Street Number/Name: 211 Woodman Rd
 City/Town/Village: City of Waterloo
 Site/Compartment/Block/Tract etc.:
 GPS Reading: NAD 83, Zone 18, Easting 537237, Northing 4611499, Unit Make/Model: Garmin, Mode of Operation: Averaged

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth Metres	
				From	To
Light brown	Sand	Clay	Loose	0	0.45
Dark brown	Sand	Silt	Loose	0.45	3.0
Dark grey	Sand	g. sand	Loose	3.0	22.10
Black	Silt	CLAY	Loose	22.10	22.86

Hole Diameter

Depth From	Metres To	Diameter Centimetres
0	22.86	70

Construction Record

Inside diam centimetres	Material	Wall thickness centimetres	Depth Metres	
			From	To
70	Steel	4.0	0	22.86

Test of Well Yield

Pumping test method	Draw Down		Recovery	
	Time min	Water Level Metres	Time min	Water Level Metres
Pump intake set at (metres)	1	1		
Pumping rate (litres/min)	2	2		
Duration of pumping (hrs + min)	3	3		
Final water level end of pumping (metres)	4	4		
Recommended pump type	5	5		
Recommended pump depth (metres)	10	10		
Recommended pump rate (litres/min)	15	15		
If flowing give rate (litres/min)	20	20		
If pumping discontinued, give reason	25	25		
	30	30		
	40	40		
	50	50		
	60	60		

Water Record

Water found at: 1 m, Kind of Water: Fresh, Sulphur, Gas, Salty, Minerals, Other.

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

Chlorinated: Yes, No

Plugging and Sealing Record

Depth set at - Metres	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
10.20	Bentonite Slurry	0.70
18.20	Bentonite Slurry	1.52
1.52	Bentonite Slurry	0.3
0.25	Cement	0.2

Method of Construction

Cable Tool, Rotary (air), Diamond, Digging
 Rotary (conventional), Air percussion, Jetting, Other
 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), Recharge well

Well Contractor/Technician Information

Name of Well Contractor: MCEC Drilling
 Business Address (street name, number, city etc.): 2160 Wynona Cres
 Name of Well Technician (last name, first name): MCEC Drilling
 Signature of Technician/Contractor: [Signature]
 Date Submitted: 2006 10 10

Location of Well

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

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Well Record Number: 05110
 Date Received: 2006 10 10
 Date of Inspection: 2006 10 10