

Report on Short Term Domestic Well Test – Page 1 of 5

Well ID Plate Number: _____ BC MoE Well Tag Number: _____

Owner name: _____
Mailing address: _____ Town: _____ Prov: _____ Postal code: _____
Well Location: Address: Street no. _____ Street name _____ Town _____
PID (parcel identification number): _____
Describe the location of the well on the property: _____
GPS location (NAD 83 datum): _____
Ground elevation: _____ (feet asl)
Class of well: Water supply. Sub-class of well: Domestic

Pumping Test Summary Information

NOTE: This is a modified test following BC's *Information on Short-term Well Tests*.

<p>Details from Driller's Well Log:</p> <p>Depth of well screen: _____ ft</p> <p>Depth of water-bearing fracture: _____ ft</p> <p>Type of well pump:</p> <p><input type="checkbox"/> Submersible <input type="checkbox"/> Jet (end-suction)</p> <p><input type="checkbox"/> Vertical turbine <input type="checkbox"/> Other (specify) _____</p> <p>Depth of pump setting: _____ ft (btoc)</p> <p>Type of Pumping Test:</p> <p>Short-term Well Test (BC Environment protocol)</p> <p>Method of water level measurement:</p> <p><input type="checkbox"/> Water level sounder <input type="checkbox"/> Datalogger <input type="checkbox"/> Air line</p> <p><input type="checkbox"/> Wetted tape <input type="checkbox"/> Other (specify) _____</p> <p>Reference datum for water level measurements:</p> <p><input type="checkbox"/> Top of casing <input type="checkbox"/> Ground level</p> <p><input type="checkbox"/> Other (specify) _____</p> <p>Final stick-up: _____ inches</p> <p>Method of flow measurement:</p> <p><input type="checkbox"/> Flow meter <input type="checkbox"/> Orifice <input type="checkbox"/> 45-gallon drum <input type="checkbox"/> 5-gallon pail</p> <p><input type="checkbox"/> Other (specify) _____</p> <p>Start date of pumping test: _____ (YYYY/MM/DD)</p> <p>Static water level: _____ feet</p> <p>Duration of pumping: _____ hours (maximum 8 hrs)</p> <p>Duration of recovery: _____ hours (maximum 24 hrs)</p>	<p>Pumping test data sheets attached.</p> <p>Person conducting the pumping test (please print):</p> <p>Name: _____</p> <p>Company name: _____</p> <p>Registration # of person responsible*: _____</p> <p>Consultant (if any): _____</p> <p>* Fill in the registration of the Qualified Well Driller/Pump Installer. If the test was conducted by a driller/pump installer who is not registered, the Qualified Well Driller/Pump Installer who is directly supervising the work should fill in their registration number.</p> <p>PLEASE NOTE: The data recorded in this pumping test report reflect conditions at the time of the test. Water levels, well performance, estimated long-term well yield and water quality are not guaranteed as they are influenced by a number of factors, including natural variability, human activities, and condition of the works, which may change over time.</p> <p>Signature of Person Responsible:</p> <p>X _____</p>
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DRAWDOWN TEST – Page 2 of 5

Pumping test drawdown data sheet for: _____ (include well name)

Well ID plate number: _____

Type of pumping test: SHORT TERM WELL TEST (BC Environment protocol)

Date and time at start of pumping (YYYY/MM/DD; hh:mm): _____ Static water level prior to pumping: _____ ft

Time since pumping started (min)	Measured water level (m or ft)	Drawdown (m or ft) **	Measured pumping rate	Volume of water pumped	Remarks (e.g., pumping rate adjusted, water sample collected)
			<i>Gpm or Lpm</i>	<i>gals or litres</i>	** Drawdown is the Measured Water Level minus Static Water Level
0		0.00		0	Start of pumping – Static Water Level
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
12					
14					
16					
18					
20					
25					
30					
35					
40					
45					
50					
60					
70					
80					
90					
100					
120					

DRAWDOWN TEST CONTINUED - Page 3 of 5

Pumping test drawdown data sheet for: _____ (include well name)

Well ID plate number: _____

Time since pumping started (min)	Measured water level (m or ft)	Drawdown (m or ft) **	Measured pumping rate	Volume of water pumped	Remarks (e.g., pumping rate adjusted, water sample collected)
140					
160					
180					
200					
250					
300					
350					
400					
450					
480					Maximum duration of pumping is 480 minutes (8 hours)

INFORMATION AT THE END OF PUMPING:

Date and time at end of pumping (YYYY/MM/DD; hh:mm): _____ [A] Static water level prior to pumping: _____ ft

[B] Water level at end of pumping: _____ ft [C] Total Drawdown at end of pumping = [B] minus [A] = _____ ft

NOTES:

RECOVERY TEST – Page 4 of 5

Pumping test recovery data sheet for Well ID plate number: _____

Time since pumping started (min)	Time since pumping stopped (min)	Measured water level (m or ft)	Calculate Residual Drawdown	Calculate Recovery	Calculate % Recovery	NOTES: Residual Drawdown = Measured Water Level minus Static [A] Recovery = Total Drawdown [C] minus measured water level
	0			0.00	0%	% Recovery = Recovery divided by Total Drawdown times 100
	2					
	4					
	6					
	8					
	10					
	12					
	14					
	16					
	18					
	20					
	25					
	30					
	35					
	40					
	45					
	50					
	60					
	70					
	80					
	90					
	100					
	120					
24 hours						Added measurement 24 hours after the START of pumping.

CALCULATIONS - Page 5 of 5

Calculations for Well ID number: _____ (identification plate)

Following the BC Ministry of Environment protocol.

Estimated daily water use for this property: _____ US gallons (from numbers below)

1. Wet or cold climate: Use 250 US gallons per day (gpd)
2. Average BC climate: Use 600 US gpd.
3. Dry climate: Use 1,300 US gpd.
4. Super dry climate: Use 1,800 gpd.

Volume of water pumped during the test: _____ US gallons

Time taken to pump out that volume: _____ minutes

Average pumping rate = **Volume** divided by **Time** = _____ US gallons per minute

Recovery time for 90% recovery: _____ (from page 4)

Percentage recovery after 120 minutes (if measured): _____ (from page 4)

Percentage recovery after 24 hours (if measured): _____ (from page 4)

EVALUATION OF THE WELL:

1. Can the Estimated Daily Water Use be pumped from the well in less than 8 hours (480 minutes)? _____
2. Did the drawdown recover at least 90% within 24 hours from the start of the test? _____

If both answers are YES, then the well passes the test. The well is likely capable of providing the tested volume on a daily basis.