

Well ID:

To be assigned by Dept. Of Environment

WATER WELL DRILLERS FORM

Metric Imperial

INSTRUCTIONS FOR COMPLETING THE FORM

- Additional information is provided at the bottom of this form on page 2.
- Question can be directed to Water Resources at 867 667-3171.
- All well construction measurements shall be reported to 0.1 m or 0.3 ft.
- Please print clearly in blue or black ink.
- Completion and submission of this form is the responsibility of the drilling contractor.
- Please specify metric or imperial units for all measurements.

WELL LOCATION AND OWNER'S INFORMATION

A1 Well Name: Optional (i.e. City Well No. 2)

A2 Drilled For:

A3 Street Address of Well Location: SHARON'S WAY

A4 Town / Village / Area / Lot #: LOT 1241-3

A5 UTM Coordinates (using handheld GPS): NAD 8 | 3 Zone

Easting Northing

A6 Elevation of Top of Casing: 2 m / ft ASL

A7 Accuracy of GPS: +/- m / ft

Sketch of Well Location

In sketch, indicate distances from property line, septic field, fuel tank(s) and building. Please include North arrow.

A8 Purpose of Wells

- | | | | |
|--|---------------------------------------|--|--|
| <input checked="" type="checkbox"/> Domestic | <input type="checkbox"/> Test Well | <input type="checkbox"/> Irrigation | <input type="checkbox"/> Environmental (Quality) |
| <input type="checkbox"/> Commercial | <input type="checkbox"/> Municipal | <input type="checkbox"/> Observation - Water Level | <input type="checkbox"/> Other (please identify use) |
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Agricultural | <input type="checkbox"/> Public/Recreational | |

LOG OF OVERBURDEN AND BEDROCK MATERIALS (All depths are below ground surface, circle appropriate units, use descriptors provided)

Depth (m)	B4 General Colour	B5 Most Common Material	B6 Secondary Materials		B7 General Description
			trace gravel	some silt	
1 - 20	Brown	Sand			
20 - 40	"	"			
40 - 60	"	"			wet at 55'
60 - 80	"	"			Fine wet.
80 - 100	"	"			"
100 - 260	grey	Clay			
260 - 296	grey	Gravel	Sand		

B8 Permafrost Encountered: NO YES If yes, indicated depth (m / ft): from: to:

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed 20160514
Y Y Y Y M M D D

Example:
2005 01 31

C1 Drilling Method Air Rotary (Conventional) Dug Other (please specify)
 Reverse Air Rotary Cable Tool
 Mud Rotary Auger (Hollow / Solid Stem)

C2 Well Type: In what geological material is the water producing zone located?
 OVERBURDEN BEDROCK

Casing (depth below ground surface, please circle appropriate units)

C3 Outside Diameter 678 (cm / in)
C4 Casing Material Steel Plastic Other
C5 Casing Wall Thickness 219 (cm / in)
C6 Casing Depth to: 286 (m / ft)

C7 Other Comments Regarding Casing:

Surface / Environmental Seal (depth below ground surface, please circle appropriate units)

C8 Seal Material Type: Bentonite (i.e. Bentonite)
 C9 Diameter of Seal: 10 (cm/in)
 C10 Seal Depth from: 0 (m/ft)
 C11 Seal Depth to: 15 (m/ft)
 C12 Volume Placed: _____ (m³/ft³)

Gravel Pack (depth below ground surface, please circle appropriate units)

C13 Gravel Pack: NO YES If yes, indicated depth (m/ft): from: _____ to: _____ Indicate diameter of material: _____ (mm/inches) Material type: _____ (i.e. silica)

Well Screen Information (depth below ground surface, please circle appropriate units)

C14 Outside Diameter (cm/in): _____
 C15 Screen Material: Stainless Steel Steel Plastic N/A Other: _____
 C16 Screen Type: Continuous Wire Wrap Louver Screen Perforated Slotted Open Hole
 C17 Depth from: _____ (m/ft)
 C18 Depth to: _____ (m/ft)
 Slot Size / Perforation Dia: _____ (mm/inches)
 Screen 1: 2.98 (m/ft) 2.50 (m/ft) 8 (mm/inches)
 Screen 2: 2.98 (m/ft) 2.70 (m/ft) 3 (mm/inches)
 Screen 3: _____ (m/ft) _____ (m/ft) _____ (mm/inches)
 C19 Screen Comments: _____

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Surge Block Water Jetting Air Jetting / Air Lifting Bailing Pumping Other: _____
 D2 Well Head Completion: Well House Pitless Adaptor (Depth of adaptor: _____ (m/ft)) Well Pit (NOT PERMITTED) None (well not completed)
 D3 Well Head Stick-up (above ground surface): 2 (m/ft) (Use negative if below grade)
 D4 Static Water Level (below top of casing): 7.0 (m/ft) (Use negative if below grade)
 D5 Well Yield Estimate: 12.5 (Lps/gpm)
 D6 Final Well Status: Water Supply (in use) Not in use Stand by (Back-up) Observation Abandoned (if well was abandoned, please give reason: _____) Dry Poor Quality Insufficient Yield Artesian conditions
 D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? YES NO If YES, Indicate Date: _____
 D8 Method Used to Estimate Well Yield: Air Lifting Bailing Pumping Test (if test conducted, complete Pumping Test Record)
 Y Y Y Y M M D D

PUMPING TEST RECORD AND GROUNDWATER QUALITY

(All depths below ground, circle appropriate units)

E1 Pumping Test Information

Pumping Test Start Date: _____
 Y Y Y Y M M D D

Static Water Level (SWL): _____ (m/ft)

Pump Intake Set at: _____ (m/ft)

Duration of pumping: _____ hrs _____ min

Final Water Level (FWL) at end of Pumping Test: _____ (m/ft)

G1 GROUNDWATER QUALITY

Field Data
 Date Measurements Taken: _____
 Y Y Y Y M M D D

Electrical Conductivity: _____ uS
 pH: _____
 Temperature: _____ °C

Groundwater Type
 Salty
 Sulphur / Egg Odour
 Organic Taste / Odour
 Metallic Taste
 Other: _____

RECOMMENDATIONS

Recomm. Pump Depth: _____ (m/ft)
 Recomm. Pumping Rate: _____ (Lps/gpm)
 If flowing, provide rate: _____ (Lps/gpm)

Turbidity/Sand Content
 Clear
 Slightly turbid/cloudy
 Moderately turbid/cloudy
 Turbid/cloudy
 Trace sand present
 No sand present

Well Disinfection
 Was the well disinfected upon completion of the pump installation? YES NO
 Briefly describe method of well disinfection: _____

F1 Well Water Level Drawdown/Recovery DATA

Drawdown		Recovery	
Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
0 (SWL)		0 (FWL)	
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
50		50	
60		60	

Bacteria Testing
 Was a sample taken? YES NO If yes, indicate the name of the laboratory:
 Date Sample Taken: _____
 Y Y Y Y M M D D

Chemical Analysis of Water
 Was a sample taken? YES NO If yes, indicate the name of the laboratory:
 Date Sample Taken: _____
 Y Y Y Y M M D D

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: Cathway Water Res.
 H2 Name of Driller(s): Sordan Holloway
 H3 Address of Driller: _____
 Signature of Primary Driller: _____
 Date Submitted to Dept. Of Environment: 2016 05 / 17
 Y Y Y Y M M D D

CONSULTANT (if applicable)

I1 Company Name: _____
 I2 Company Address: _____
 I3 Report Reference: _____
 I4 Report Date: _____
 Y Y Y Y M M D D

ADDITIONAL INSTRUCTIONS

Upon completing this form, please mail or fax it to:
 Water Resources Section (V-310), Department of Environment, Government of Yukon Box 2703, Whitehorse, Yukon, Canada Y1A 2C6
 Please feel free to contact us at:
 Phone: (867) 667-3171, Toll free (in Yukon): (1-800) 661-0408, local 3171
 Fax: (867) 667-3195 E-mail: Water.Resources@gov.yk.ca

Personal information contained on this form is collected under the authority of the Access to Information and Protection of Privacy (ATIPPA) Act, Section 29 (c) and will be used to compile a public database of well and ground water information. For further information contact the Manager of Hydrology, Water Resources at (867) 667-3223, toll free within Yukon 1-800-661-0408 Ext 3223.
 I have read the above clause and understand the purpose for collection of personal information.
 Signature of Well Owner: _____