

Well ID:
To be assigned by Dept. Of Environment

WATER WELL DRILLERS FORM

Metric Imperial

- INSTRUCTIONS FOR COMPLETING THE FORM**
1. Additional information is provided at the bottom of this form on page 2.
 2. Question can be directed to Water Resources at 867 667-3171.
 3. All well construction measurements shall be reported to 0.1 m or 0.3 ft.
 4. Please print clearly in blue or black ink.
 5. Completion and submission of this form is the responsibility of the drilling contractor.
 6. 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

- A8 Purpose of Wells**
- Domestic Test Well Irrigation Environmental (Quality)
 Commercial Municipal Observation - Water Level Other (please identify use)
 Industrial Agricultural Public/Recreational

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

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

EXAMPLE ONLY		brown	SAND	trace* <10% (i.e. SILT trace gravel)	some silt	MOISTURE: dry / moist / saturated (wet)
				"some" 10-20% (i.e. SAND some gravel)		
		CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS, BEDROCK				HARDNESS: soft / hard / very hard
				trace gravel		soft and saturated
Depth (m)		B4 General Colour	B5 Most Common Material	B6 Secondary Materials		B7 General Description
B2 From	B3 To					
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 Example: 2005 01 31
Y Y Y Y M M D D

- 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
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: 2.98 (m/ft)
C18 Depth to: 2.62 (m/ft)
Slot Size / Perforation Dia: 8 (Thou./mm/inches)
Screen 2: 2.98 (m/ft) 2.70 (m/ft) 3 (Thou./mm/inches)
Screen 3: (m/ft) (m/ft) (Thou./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, Well Pit (NOT PERMITTED), None
D3 Well Head Stick-up (above ground surface): 2 (m/ft)
D4 Static Water Level (below top of casing): 7.0 (m/ft)
D5 Well Yield Estimate: 12.5 (Lps/gpm)
D6 Final Well Status: Water Supply (in use), Stand by (Back-up), Observation, Not in use, Deepened, Other, Abandoned, Dry, Poor Quality, Insufficient Yield, Artesian conditions
D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? YES/NO
D8 Method Used to Estimate Well Yield: Air Lifting, Bailing, Pumping Test

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

Table with 4 columns: Drawdown Time (min), Drawdown Water Level (m/ft), Recovery Time (min), Recovery Water Level (m/ft). Rows 0-60.

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: Cathlamet Water Res.
H2 Name of Driller(s):
H3 Address of Driller:
Date Submitted to Dept. Of Environment

CONSULTANT (if applicable)

I1 Company Name:
I2 Company Address:
I3 Report Reference:
I4 Report Date:

ADDITIONAL COMMENTS

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