

W-13

Well ID:

To be assigned by Dept. Of Environment

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:

A4 Town / Village / Area / Lot #:

A5 UTM Coordinates (using handheld GPS): NAD Zone:

Easting Northing

A6 Elevation of Top of Casing: m / ft ASL

A7 Accuracy of GPS: +/- m / ft

A8 Purpose of Wells

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

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

105 D14
8V
488806
6744076
± 100-300m

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

EXAMPLE ONLY

(brown, grey, green, black, redish, beige, olive, yellowish) → brown
CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS, BEDROCK → SAND
"trace" < 10% (i.e. SILT trace gravel) → trace gravel
"some" 10-20% (i.e. SAND some gravel) → some silt
"silty / sandy / gravelly" 20-30% (i.e. silty SAND) → silty sand
"and sand" or "and gravel" 35-50% → and sand
MOISTURE: dry / moist / saturated (wet)
HARDNESS: soft / hard / very hard → soft and saturated

Depth (m / ft)		B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
B2 From	B3 To				
0	27	brown	Sand	some gravel - silty	dry
27	30	grey	Gravel	and Sand trace Silt	
					Moist @ 49
					Saturated @ 58

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed 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 (cm / in)
C4 Casing Material Steel Plastic Other
C5 Casing Wall Thickness (cm / in)
C6 Casing Depth to: (m / ft)
C7 Other Comments Regarding Casing:

Clear Form Print Form

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: 15 (m/f)
C11 Seal Depth to: 10 (m/f)
C12 Volume Placed: 200 (lit) (m³)

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

C13 Gravel Pack: YES
If yes, indicated depth (m/f):
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: 4.5 (cm/in)
C15 Screen Material: Stainless Steel
C16 Screen Type: Slotted
C17 Depth from: 19 (m/f)
C18 Depth to: 25 (m/f)
Slot Size / Perforation Dia: 25 Thou./mm/inches
C19 Screen Comments: exposure 39"

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Water Jetting
D2 Well Head Completion: Well House
D3 Well Head Stick-up: 2.28 (m/f)
D4 Static Water Level: 11.7 (m/f)
D5 Well Yield Estimate: 9+ (Lps/gpm)
D6 Final Well Status: Water Supply (in use)
D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? YES
D8 Method Used to Estimate Well Yield: 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/f)

Pump Intake Set at: (m/f)

Duration of pumping: hrs min

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

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/f)
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: Time (min), Water Level (m/f), Time (min), Water Level (m/f). Rows for 0, 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, 40, 50, 60 minutes.

Bacteria Testing

Was a sample taken? YES NO
Date Sample Taken:
Name of the laboratory:

Chemical Analysis of Water

Was a sample taken? YES NO
Date Sample Taken:
Name of the laboratory:

Clear Form Print Form

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: Cathlamet Water
H2 Name of Driller(s):
H3 Address:
Date Submitted to Dept. Of Environment: 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:

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

Water Resources Section (W310), Department of Environment, Government of Yukon Box 2703, Whitehorse, Yukon, Canada Y1A 2C8

Personal information contained on this form is collected under the authority of the Access to Information and Protection of Privacy (ATIPPI) 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: