

W-8

**WATER WELL  
 DRILLERS FORM**

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:  Company / Department / Organization

A3 Street Address of Well Location: 14 TIMOTHY PLACE

A4 Town / Village / Area / Lot #: HIDDEN VALLEY

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

Easting  Northing

A6 Elevation of Top of Casing:  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.

105 D14  
 SV 488794  
 6743730  
 + 300-1000

**A8 Purpose of Wells**

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

**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)	CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS, BEDROCK	trace* < 10% (i.e. SILT trace gravel) some* 10-20% (i.e. SAND some gravel) silty / sandy / gravelly* 20-30% (i.e. silty SAND) sand* or sand and gravel* 35-50%	MOISTURE: dry / moist / saturated (wet) HARDNESS: soft / hard / very hard
B2 From	B3 To	brown	SAND	trace gravel    some silt	soft and saturated
Depth (m / ft)		B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
0	9	brown	sand	-	-
9	22	brown	clay	silty	-
22	126	grey	clay	-	moist
126	130	grey	gravel	+ sand	dry/moist
130	140	grey	braced	+ sand	saturated

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

**WELL CONSTRUCTION** (Continues on Page 2)

Date Well Completed 2015 07 29  
 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 65 (cm / in)  
 C4 Casing Material  Steel     Plastic     Other  
 C5 Casing Wall Thickness .214 (cm / in)  
 C6 Casing Depth to: 140 (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: Dentrite (i.e. Bentonite)
C9 Diameter of Seal: 10 (cm / in)
C10 Seal Depth from: 17 (m / ft)
C11 Seal Depth to: 10 (m / ft)
C12 Volume Placed: 450 (m³) 165 (m³) 200

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

C13 Gravel Pack: NO
If yes, indicated depth (m / ft):
Material type: (i.e. silica)

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

C14 Outside Diameter: 4.75 (cm / in)
C15 Screen Material: Stainless Steel
C16 Screen Type: Perforated
C17 Depth from: 170 (m / ft)
C18 Depth to: 140 (m / ft)
Slot Size / Perforation Dia: 25 Thou. / mm / inches
C19 Screen Comments: 36 screen exposure 12" departure cut.

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: 2.3m (m / ft)
D4 Static Water Level: 17 (m / ft)
D5 Well Yield Estimate: 2.1 (Lps / gpm)
D6 Final Well Status: Water Supply (In use), Stand by (Back-up), Observation, Not in use, Deepened, Other
D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? YES
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: Time (min), Water Level (m / ft), Time (min), Water Level (m / ft). Rows for 0 (SWL), 0 (FWL), 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, 40, 50, 60.

Bacteria Testing

Was a sample taken? YES NO
Date Sample Taken:
If yes, indicate the name of the laboratory.

Chemical Analysis of Water

Was a sample taken? YES NO
Date Sample Taken:
If yes, indicate the name of the laboratory.

Clear Form Print Form

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: Caribway Water
H2 Name of Driller(s): Grant Booth
H3 Address of Driller: Whitehorse, YT
Signature of Primary Driller:
Date Submitted to Dept. Of Environment: Y Y Y Y M M D D

CONSULTANT (if applicable)

11 Company Name:
12 Company Address:
13 Report Reference:
14 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) 661-0406, 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 (ATIP) 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 1-800-661-0406 Ext. 3223.

I have read the above clause and understand the purpose for collection of personal information.
Signature of Well Owner