

YTG W46

Well ID:
To be assigned by Dept. Of Environment

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: First Name Last Name Company / Department / Organization

A3 Street Address of Well Location: **15 LOGANBERRY LN**

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

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

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
 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 gravel < 10% (i.e. SILT trace gravel) some 10-20% (i.e. SAND some gravel) silty / sandy / gravelly 20-30% (i.e. silty SAND) sand and gravel 35-50%	MOISTURE: dry / moist / saturated (wet) HARDNESS: soft / hard / very hard	
		brown	SAND	trace gravel some silt	soft and saturated	
Depth (m / ft)	B2 From	B3 To	B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
0	0	15	grey	Sand	Clay	
15	15	120	grey	Clay		
120	120	155	grey	silt	Sand	
155	155	158	grey	gravel		

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

WELL CONSTRUCTION (Continues on Page 2) Date Well Completed **20170621** 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) C4 Casing Material Steel Plastic Other
 C5 Casing Wall Thickness (cm) C6 Casing Depth to: (m)

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)
C10 Seal Depth from: 0 (m)
C11 Seal Depth to: 15 (m)
C12 Volume Placed: (m³)

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

C13 Gravel Pack: YES
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: 6 (cm)
C15 Screen Material: Stainless Steel
C16 Screen Type: Open Hole
C17 Depth from: 154.5 (m)
C18 Depth to: 158 (m)
Slot Size / Perforation Dia: 15 (Thou. mm/inches)

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Air Jetting / Air Lifting
D2 Well Head Completion: Well House
D3 Well Head Stick-up: 2 (m)
D4 Static Water Level: 47 (m)
D5 Well Yield Estimate: 30 (Lps/gpm)
D6 Final Well Status: Water Supply (in use)
D7 Well Abandonment Status: 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/ft)

Pump Intake Set at: (m/ft)

Duration of pumping: hrs min

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

RECOMMENDATIONS

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

F1 Well Water Level Drawdown/Recovery DATA

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

G1 GROUNDWATER QUALITY

Field Data
Date Measurements Taken:
Y Y Y Y M M D D
Electrical Conductivity: uS
pH:
Temperature: °C

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

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

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

Bacteria Testing
Was a sample taken? YES NO
Date Sample Taken:
Y Y Y Y M M D D

Chemical Analysis of Water
Was a sample taken? YES NO
Date Sample Taken:
Y Y Y Y M M D D

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: Caribou Water Res.
H2 Name of Driller(s):
H3 Address of Driller: 101 B Copper rd.
Signature of Primary Driller
Date Submitted to Dept. of Environment

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 2C8
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 (ATIP) Act, Section 29 (c) and will be used to compile a public database of well and ground water information...
I have read the above clause and understand the purpose for collection of personal information.
Signature of Well Owner