

1254

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 #)

A2 Drilled For:

A3 Street Address of Well Location: Alaska HWY

A4 Town / Village / Area / Lot #: Whitehorse YT Lot 102-1

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

A8 Purpose of Wells

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

*In clear location
Lot 1021 on Alaska
Hwy near Marsh Lake
105 D09
SU 528161
6714198*

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

EXAMPLE ONLY		(brown, gray, green, black, reddish, 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) "and sand" or "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	B2 To	B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
0	0	20	grey	Clay		
20	20	40	grey	Clay		
40	40	60	grey	Clay		
60	60	80	grey	Clay		
80	80	102	Sand grey	Sand fine		Wet 1. 1/4 gal

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

WELL CONSTRUCTION (Continues on Page 2) Date Well Completed 20140519 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: (cm / in)
 C4 Casing Material: Steel Plastic Other
 C5 Casing Wall Thickness: 2.19 (cm / in)
 C6 Casing Depth to: 102 (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 (C9 Diameter of Seal: 10 cm/in) (C10 Seal Depth from: 0 m/ft) (C11 Seal Depth to: 18 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: 10 m/ft C18 Depth to: 18 m/ft Slot Size / Perforation Dia: 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 Well Adaptor Depth of adaptor: Well Pit (NOT PERMITTED) None (well not completed) D3 Well Head Stick-up (above ground surface) (Use negative if below grade) D4 Static Water Level (below top of casing) (Use negative if below grade) D5 Well Yield Estimate (Lps / gpm) D6 Method Used to Estimate Well Yield: Air Lifting Bailing Pumping Test (if test conducted, complete Pumping Test Record) D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? YES NO If YES, Indicate Date: Y Y Y Y M M D D D6 Final Well Status: Water Supply (in use) Stand by (Back-up) Observation Not in use Deepened Other: Abandoned Dry If well was abandoned, please give reason: Poor Quality Insufficient Yield Artesian conditions

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

Clear Form

Print Form

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: Cretney H2 Name of Driller(s): H3 Address of Driller: Y Y Y Y M M D D 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 (ATIPP) 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