

WSS



Government
Department of Environment
Water Resources Section V-316
Yukon Water Well Registry
Box 2703 Whitehorse, Yukon Y1A 2C8

WATER WELL DRILLERS FORM

Well ID:

To be assigned by Dept. Of Environment

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 867 687-3171.
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: 11 HARVEY ROAD

A4 Town / Village / Area / Lot #: PINE RIDGE

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.

A8 Purpose of Wells

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

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

Depth (m/ft)	B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
0	11G	Gravel		hard rock
110	11B	Gravel	Sand	
110	11C	Sand		
110	11D			
170	11E	Bed Rock		

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed: 2016-06-16

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 Casing Material: Steel Plastic Other

C4 Casing Size/Type: 4" (100mm) 6" (150mm) 8" (200mm) 10" (250mm) 12" (300mm) 14" (350mm) 16" (400mm) 18" (450mm) 20" (500mm) 24" (600mm) 30" (750mm) 36" (900mm) 42" (1050mm) 48" (1200mm) 54" (1350mm) 60" (1500mm) 72" (1800mm) 84" (2100mm) 96" (2400mm) 108" (2700mm) 120" (3000mm)

C5 Casing Depth to: 110 (m / ft)

C6 Other Comments Regarding Casing:

Surface / Environmental Seal (depth below ground surface, please circle appropriate units)

C9 Diameter of Seal: C10 Seal Depth from: C11 Seal Depth to: C12 Volume Placed:

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

C13 Gravel Pack: YES/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: C18 Depth to: Slot Size / Perforation Dia: 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, Flange Adapter, Well FH (NOT PERMITTED), None D3 Well Head Stick-up (below ground surface) D4 Static Water Level (below top of casing) D5 Well Yield Estimate (Lps / gpm) D6 Final Well Status: Water Supply (in use), Stand by (Back-up), Observation, Not in use, Abandoned, Dry, Poor Quality, Inadequate Yield, Artesian conditions D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? YES/NO If YES, indicate Date: 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)

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

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:

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: H2 Name of Driller(s): H3 Address of Driller: Signature of Primary Driller: 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: 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/PI) 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. Please read the attached privacy policy to understand the purpose for collection of personal information.

Signature of Well Owner