

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 867 667-3171.
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:

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

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

- | | | | |
|-------------------------------------|--|---|---|
| <input type="checkbox"/> Domestic | <input checked="" type="checkbox"/> Test Well | <input type="checkbox"/> Irrigation | <input checked="" type="checkbox"/> Environmental (Quality) |
| <input type="checkbox"/> Commercial | <input type="checkbox"/> Municipal | <input checked="" type="checkbox"/> Observation - Water Level | <input type="checkbox"/> Other (please identify use) |
| <input type="checkbox"/> Industrial | <input checked="" type="checkbox"/> Agricultural | <input type="checkbox"/> Public/Recreational | <input type="text"/> |

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) "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	B3 To	B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
	0	30	brown	Clay	Silt	hard clay
	30	63	Grey	Clay	Silt	SOFT MOIST
	63	134	Grey	Silt	Clay lenses	SOFT WET SILT
	134	157	Grey	Sand	Silt	Fine SOFT SILTY
	157	193	Grey	Silt	Sand	SOFT SILTY SAND
	193	205	Grey	Sand		clean sand
	205	223	Grey	Silt	Sand	SOFT SILTY SAND
	223	234	Grey	Gravel	Sand	Hard Sand Gravel
	234	238	Grey	Gravel	Silt-clay	Silty Hard Till

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

WELL CONSTRUCTION (Continues on Page 2)

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

C7 Other Comments Regarding Casing:

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

C8 Seal Material Type: (i.e. Bentonite) C9 Diameter of Seal: 10" x 6.375 (cm/in) C10 Seal Depth from: 0 (m/ft) C11 Seal Depth to: 20 (m/ft) C12 Volume Placed: 98 gal (m³/ft³)

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

C13 Gravel Pack: [X] 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: 5.5 (cm/in) C15 Screen Material: [X] Stainless Steel [] Steel [] Plastic [] N/A [] Other C16 Screen Type: [X] Continuous Wire Wrap [] Louver Screen [] Perforated [] Slotted [] Open Hole C17 Depth from: 235 (m/ft) C18 Depth to: 231 (m/ft) Slot Size / Perforation Dia: 0.20 (Thou./mm/inches) C19 Screen Comments:

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: [X] Air Jetting / Air Lifting [] Surge Block [] Water Jetting [] Bailing [] Pumping [] Other D2 Well Head Completion: [] Well House [] Pitless Adaptor [] Well Pit [X] None D3 Well Head Stick-up: 3 (m/ft) D4 Static Water Level: 119 (m/ft) D5 Well Yield Estimate: 100 (Lps/gpm) D6 Final Well Status: [X] Observation [] Water Supply [] Stand by [] Abandoned [] Dry [] Poor Quality [] Insufficient Yield [] Artesian conditions D7 Well Abandonment Status: [] YES [X] NO D8 Method Used to Estimate Well Yield: [X] Air Lifting [] Bailing [] Pumping Test

PUMPING TEST RECORD AND GROUNDWATER QUALITY

E1 Pumping Test Information: Pumping Test Start Date: Static Water Level (SWL): Pump Intake Set at: Duration of pumping: Final Water Level (FWL) at end of Pumping Test: G1 GROUNDWATER QUALITY: Field Data: Date Measurements Taken: Electrical Conductivity: pH: Temperature: Groundwater Type: [] Salty [] Sulphur / Egg Odour [] Organic Taste / Odour [] Metallic Taste [] Other

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) and 0 (FWL) at various time intervals from 1 to 60 minutes.

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.

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: H2 Name of Driller(s): H3 Address of Driller: Date Submitted to Dept. Of Environment: 20150319

CONSULTANT (If applicable)

I1 Company Name: I2 Company Address: I3 Report Reference: I4 Report Date:

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) 661-0408, 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 (ATIPPA) 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