



Government  
Department of Environment  
Water Resources Section V-310  
Yukon Water Well Registry  
Box 2703 Whitehorse, Yukon Y1A 2C6

Well ID:

To be assigned by Dept. Of Environment

# 4274

# WATER WELL DRILLERS FORM

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)

First Name

Last Name

Company / Department / Organization

A2 Drilled For:

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.

105 E03  
SV  
48 7699  
6764219  
± 100-300m

### 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, 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 (well) HARDNESS: soft / hard / very hard

Depth (m / ft)		B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
B2 From	B3 To				
0	56	brown/gray	Sand	and gravel	dry
56	66	brown/gray	Sand	and gravel	saturated

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

WELL CONSTRUCTION (Continues on Page 2) Date Well Completed  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  **219**  
C5 Casing Wall Thickness:  (cm / in)  
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: Bentonite (i.e. Bentonite)
C9 Diameter of Seal: 10 cm/in
C10 Seal Depth from: 16 m/ft
C11 Seal Depth to: 11 m/ft
C12 Volume Placed: 200 lbs

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

C13 Gravel Pack: 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: 4.5 cm/in
C15 Screen Material: Stainless Steel
C16 Screen Type: Slotted
C17 Depth from: 65-6 m/ft
C18 Depth to: 20 m/ft
Slot Size / Perforation Dia: 20 Thou. / mm / inches

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: 2.9 m/ft
D4 Static Water Level: 3.8 m/ft
D5 Well Yield Estimate: 5 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

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
RECOMMENDATIONS: Recomm. Pump Depth, Recomm. Pumping Rate, If flowing, provide rate

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, Electrical Conductivity, pH, Temperature, Groundwater Type
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

Bacteria Testing: Was a sample taken? YES NO. Date Sample Taken:
Chemical Analysis of Water: Was a sample taken? YES NO. Date Sample Taken:

Clear Form Print Form

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company:
H2 Name of Driller(s):
H3 Address of Driller:
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:

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 (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