



WATER WELL DRILLERS FORM

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

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: Takhini River Road

A4 Town / Village / Area / Lot #:

A5 UTM Coordinates (using handheld GPS): NAD 8 3 Zone

136° 25-009W 60° 52-388N
Easting Northing

A6 Elevation of Top of Casing: 2662 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

Sketch of Well Location

In sketch, indicate distances from property line, septic field, fuel tank(s) and building. Please include North arrow.

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

Depth (m / ft)		B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
B2 From	B3 To				
0	10	brown	sand		dry
10	25	grey	clay		
25	200	grey	clay	some sand	moisture/dry layers
200	212	grey	sand	silty sand	dry & hard
212	218	grey	sand		well

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed 20102005
D: D M: M Y: Y Y: Y

Example: 31-01-2005

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 6 (cm / in.)
C4 Casing Material Steel Plastic Other S
C5 Casing Wall Thickness 219 (cm / in.)
C6 Casing Depth to: 214 (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: 8 (cm / in)
C10 Seal Depth from: 5 (m / ft)
C11 Seal Depth to: 16 (m / ft)
C12 Volume Placed: (m³ / ft³)

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

Gravel Pack: NO If yes, indicated depth (m / ft):
YES 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 (cm / in)
C15 Screen Material: Stainless Steel
C16 Screen Type: Perforated
C17 Depth from: 214 (m / ft)
C18 Depth to: 218 (m / ft)
Slot Size / Perforation Dia: .008 Thou. / mm / inches
C19 Screen Comments:

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Bailing, Pumping
D2 Well Head Completion: Well House, Well Pit (NOT PERMITTED)
D3 Well Head Stick-up: 2 (m / ft)
D4 Static Water Level: 7 (m / ft)
D5 Well Yield Estimate: 2 (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:
Static Water Level (SWL): 7 (m / ft)
Pump Intake Set at: 135 (m / ft)
Duration of pumping: 12 hrs
Final Water Level (FWL) at end of Pumping Test: 115 (m / ft)

RECOMMENDATIONS

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

F1 Well Water Level Drawdown/Recovery DATA

Table with columns for Time (min), Water Level (m / ft) for Drawdown and Recovery. Rows include 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

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:

Chemical Analysis of Water

Was a sample taken? YES NO
Date Sample Taken:

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: Pathway Water Resources
H2 Name of Driller(s):
Signature of Primary Driller:
Date Submitted to Dept. Of Environment:

CONSULTANT (If applicable)

1 Company Name:
2 Company Address:
3 Report Reference:
4 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