

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: Gary Zgeb.  Company / Department / Organization

A3 Street Address of Well Location: Taqhini 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)		MOISTURE: dry / moist / saturated (wet)
			*some 10-20% (i.e. SAND some gravel)	*silty / sandy / gravelly 20-30% (i.e. silty SAND)	
			trace gravel	some silt	HARDNESS: soft / hard / very hard
Depth (m / ft)	B4 General Colour	B5 Most Common Material	B6 Secondary Materials		B7 General Description
B2 From: 0					
B3 To: 10	brown	SAND			dry
10	grey	clay			moisture/dry layers dry & hard well.
25	grey	clay	some sand		
200	grey	sand	silty sand		
212	grey	sand			

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:  OVERBURDEN  BEDROCK In what geological material is the water-producing zone located?

Casing (depth below ground surface, please circle appropriate units)

C3 Outside Diameter: 6 (cm / ft)

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 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:
D D M M Y Y Y Y

Static Water Level (SWL): 7 (m / ft)

Pump Intake Set at: 135 (m / ft)

Duration of pumping: 12 hrs - min

Final Water Level (FWL) at end of Pumping Test: 115 (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 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:
D D M M Y Y Y Y

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:
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: Pathway Water Resources

H2 Name of Driller(s): Ron Toews

H3 Address of Driller: Box 21048 Whse, Yukon

Signature of Primary Driller:

Date Submitted to Dept. Of Environment:
D D M M Y Y Y Y

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