

**WATER WELL  
DRILLERS FORM**

Well ID:

204140314

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 #:** Lot 1470

**A5 UTM Coordinates (using handheld GPS):** NAD 8 | 3 Zone \_\_\_\_\_

135° 24' - 42" W      60° 52' - 24" N

Easting                      Northing

**A6 Elevation of Top of Casing:** 2326 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 / gravely" 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      150		clay		
150    176	brown	silt	sand	
176    182	grey	glacial fill		
182    220	brown	silt	sand	
220    223	grey	clay	silt	
223    270	grey	sand		fine clean sand
270    230		sand		wet + coarser

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

**WELL CONSTRUCTION (Continues on Page 2)**

Date Well Completed 20 | 07 | 08 | 07  
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:** 62 (cm) (in)

**C4 Casing Material:**  Steel       Plastic       Other \_\_\_\_\_

**C5 Casing Wall Thickness:** 2.50 (cm) (in)

**C6 Casing Depth to:** 244 (m) (ft)

**C7 Other Comments Regarding Casing:**  
\_\_\_\_\_  
\_\_\_\_\_

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

C8 Seal Material Type: Bentonite chips (i.e. Bentonite)
C9 Diameter of Seal: 5 (cm)
C10 Seal Depth from: 17 (m/ft)
C11 Seal Depth to: 70 (m/ft)
C12 Volume Placed: (m³/ft³)

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

C13 Gravel Pack: 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 (cm/in)
C15 Screen Material: Stainless Steel
C16 Screen Type: Continuous Wire Wrap
C17 Depth from: 241 (m/ft)
C18 Depth to: 246 (m/ft)
Slot Size / Perforation Dia: 10 (Thou./mm/inches)
C19 Screen Comments:

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Bailing, Pumping
D2 Well Head Completion: Pitless Adaptor
D3 Well Head Stick-up: 1815 (m/ft)
D4 Static Water Level: 227 (m/ft)
D5 Well Yield Estimate: 5 (Lps/gpm)
D6 Final Well Status: Stand by (Back-up)
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):
Pump Intake Set at:
Duration of pumping:
Final Water Level (FWL) at end of Pumping Test:

RECOMMENDATIONS

Recomm. Pump Depth: 241 (m/ft)
Recomm. Pumping Rate: 5 (Lps/gpm)
If flowing, provide rate:

F1 Well Water Level Drawdown/Recovery DATA

Table with columns for Time (min) and Water Level (m/ft) for Drawdown and Recovery. Includes rows for 0 (SWL) and 0 (FWL) at various time intervals up to 60 minutes.

G1 GROUNDWATER QUALITY

Field Data

Date Measurements Taken:
Electrical Conductivity:
pH:
Temperature: 35.3 °C

Turbidity/Sand Content

Clear
Slightly turbid/cloudy
Moderately turbid/cloudy
Turbid/cloudy
Trace sand present
No sand present

Groundwater Type

Salty
Sulphur / Egg Odour
Organic Taste / Odour
Metallic Taste
Other:

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: 20070808
Environment Health

Chemical Analysis of Water

Was a sample taken? YES NO
Date Sample Taken: 20070808
ALB Environmental

WELL CONTRACTOR

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

CONSULTANT (If applicable)

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

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