

## WATER WELL DRILLERS FORM

Well ID: 204140299  
 To be assigned by Dept. Of Environment

### INSTRUCTIONS FOR COMPLETING THE FORM

- Additional information is provided at the bottom of this form on page 2.
- Question can be directed to Water Resources at 867 667-3171.
- All well construction measurements shall be reported to 0.1 m or 0.3 ft.
- Please print clearly in blue or black ink.
- Completion and submission of this form is the responsibility of the drilling contractor.
- 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:   Company / Department / Organization

A3 Street Address of Well Location: Mile 935 Alaska Highway

A4 Town / Village / Area / Lot #: lot # 1453

A5 UTM Coordinates (using handheld GPS): NAD 8 3 Zone 18

139° 26 653 W 60° 51 156 N  
 Easting: 475863 Northing: 6746451

A6 Elevation of Top of Casing: 2285 m/ft ASL

A7 Accuracy of GPS:                    +/- m / ft

### A8 Purpose of Wells

- |  |                                       |  |  |
|--|---------------------------------------|--|--|
| <input checked="" type="checkbox"/> Domestic | <input type="checkbox"/> Test Well    | <input type="checkbox"/> Irrigation                | <input type="checkbox"/> Environmental (Quality)   |
| <input type="checkbox"/> Commercial          | <input type="checkbox"/> Municipal    | <input type="checkbox"/> Observation - Water Level | <input type="checkbox"/> Other (please identify use)   |
| <input type="checkbox"/> Industrial          | <input type="checkbox"/> Agricultural | <input type="checkbox"/> Public/Recreational       | <span style="border: 1px solid black; display: inline-block; width: 80px; height: 15px;"></span> |

**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** →

Depth (m/ft)		(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
B2 From	B3 To	brown	SAND	trace gravel    some silt	soft and saturated
0	18'6"	grey	clay	rocks	
18'6"	400'		bedrock		

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

### WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed 20061019 Example: 2005 01 31  
 Y Y Y Y M M D D

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

C3 Outside Diameter 6 (cm/in)    C4 Casing Material  Steel     Plastic     Other   
 C5 Casing Wall Thickness 2.17 (cm / in)    C6 Casing Depth to: 18.6 (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: 8" (cm / in)
C10 Seal Depth from: 8 (m / ft)
C11 Seal Depth to: 18' 6" (m / ft)
C12 Volume Placed: (m³ / ft³)

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

C13 Gravel Pack: [X] 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, C15 Screen Material, C16 Screen Type, C17 Depth from, C18 Depth to, Slot Size / Perforation Dia, C19 Screen Comments

WELL DEVELOPMENT AND STATUS

D1 Well Developed by, D2 Well Head Completion, D3 Well Head Stick-up, D4 Static Water Level, D5 Well Yield Estimate, D6 Final Well Status, D7 Well Abandonment Status, D8 Method Used to Estimate Well Yield

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: 365' (m / ft), Recomm. Pumping Rate: (Lps / gpm), If flowing, provide rate: (Lps / gpm)

F1 Well Water Level Drawdown/Recovery DATA

Table with columns for Drawdown and Recovery, and rows for Time (min) and Water Level (m / ft) at 0 (SWL) and 0 (FWL).

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

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.

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: Pathway Water Resources, H2 Name of Driller(s), H3 Address of Driller, 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

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.

I have read the above clause and understand the purpose for collection of personal information.

Signature of Well Owner