

Well ID:  

To be assigned by Dept. Of Environment

## WATER WELL DRILLERS FORM

Metric  Imperial

### 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 867 687 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:  

A3 Street Address of Well Location: 16 B Springer Rd

A4 Town / Village / Area / Lot #:  

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

  Easting   Northing

A6 Elevation of Top of Casing:   m  $\oplus$  ASL

A7 Accuracy of GPS:   +/- m  $\oplus$

**Sketch of Well Location**

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

### 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; padding: 2px 20px;"> </span> |

### 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) *sand sand* or *sand gravel* 35-50%	MOISTURE dry / moist / saturated (wet) HARDNESS soft / hard / very hard
	brown	SAND	trace gravel    some silt	soft and saturated
Depth (m) (C) B2 From    B3 To	B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
0    60		Clay		
60    70		Sand		
70    100		Clay		
100    110		gravel	Clay	
110    120		Sand	Gravel / Clay	
120    140		Gravel	Sand	
140    145		Gravel		
140    400		Bedrock		

B8 Permafrost Encountered:  NO  YES    If yes, indicated depth (m)  $\oplus$  from:   to:  

### WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed 2022 07 22

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)  $\oplus$

C4 Casing Material:  Steel  Plastic  Fibreglass  

C5 Casing Wall Thickness: 1.9 (cm)  $\oplus$

C6 Casing Depth to: 160 (m)  $\oplus$

### C7 Other Comments Regarding Casing

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

C8 Seal Material Type: Bentonite
C9 Diameter of Seal: 10 cm
C10 Seal Depth from: 0 m
C11 Seal Depth to: 15 m
C12 Volume Placed: m³

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

C13 Gravel Pack: YES
Indicated depth (m): from 0 to 0
Material type: (i.e. silica)

Well Screen Information (depth below ground surface, please circle appropriate units)

C14 Outside Diameter: 0 cm
C15 Screen Material: Stainless Steel
C16 Screen Type: Slotted
C17-C19 Screen Depth and Slot Size information

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Air Lifting
D2 Well Head Completion: Well House
D3 Well Head Stick-up: 2 m
D4 Static Water Level: 14.0 m
D5 Well Yield Estimate: 3.5 Lps
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

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:

F1 Well Water Level Drawdown/Recovery DATA

Table with 4 columns: Time (min), Water Level (m/ft) for Drawdown, Time (min), Water Level (m/ft) for 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:
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

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:
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

Personal information contained in this form is collected under the authority of the Access to Information and Protection of Privacy (ATIP/PI) Act, Section 28 (c) and will be used to compile a public database of well and groundwater information. For further information, contact the Manager of Hydrology, Water Resources at (867) 667-3223, toll free 1-800-468-3223. I have read the above clause and understand the purpose for collection of personal information.