

## WATER WELL DRILLERS FORM

Well ID:   
To be assigned by Dept. Of Environment

Metric  Imperial

### 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: 198 War Eagle Way

A4 Town / Village / Area / Lot #: Whitehorse

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

Easting Northing

A6 Elevation of Top of Casing:  m  ASL

A7 Accuracy of GPS:  +/- m

**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       | <div style="border: 1px solid black; width: 100px; height: 15px;"></div> |

### LOG OF OVERBURDEN AND BEDROCK MATERIALS (All depths are below ground surface, circle appropriate units, use descriptors provided)

EXAMPLE ONLY	<small>(brown, grey, green, black, red, beige, olive, yellowish)</small> brown	<small>CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS, BEDROCK</small> SAND	<small>trace &lt; 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%</small> trace gravel some silt	<small>MOISTURE: dry / moist / saturated (wet) HARDNESS: soft / hard / very hard</small> soft and saturated
Depth (m) <input checked="" type="radio"/> B2 From B3 To	B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
0 100 100 140		Gravel Sand	Sand Gravel	Water

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

WELL CONSTRUCTION (Continues on Page 2) Date Well Completed 2022 08 08  
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: 10 cm   
 C4 Casing Material:  Steel  Plastic  Other:   
 C5 Casing Wall Thickness: 1.9 cm   
 C6 Casing Depth to: 140 m   
 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: 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 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: 0 (cm)
C15 Screen Material: Stainless Steel
C16 Screen Type: Slotted
C17 Depth from: 12.7 (m)
C18 Depth to: 13.1 (m)
Slot Size / Perforation Dia: 15 Thou. / mm / inches
C19 Screen Comments:

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Air Jetting / Air Lifting
D2 Well Head Completion: Well Pit (NOT PERMITTED)
D3 Well Head Stick-up: 2 (m)
D4 Static Water Level: 11 (m)
D5 Well Yield Estimate: 1.5 (Lps)
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): (m)
Pump Intake Set at: (m)
Duration of pumping: hrs min
Final Water Level (FWL) at end of Pumping Test: (m)

RECOMMENDATIONS

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

F1 Well Water Level Drawdown/Recovery DATA

Table with 4 columns: Time (min), Water Level (m / ft), Time (min), Water Level (m / ft). Rows for drawdown and recovery at 0, 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, 40, 50, 60 minutes.

G1 GROUNDWATER QUALITY

Field Data
Date Measurements Taken:
Electrical Conductivity: (uS)
pH:
Temperature: (°C)
Groundwater Type: Sully, 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:
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
Phone: (867) 667-3171, Fax: (867) 667-3172, Toll free in Yukon: 1-800-661-0408, local: (867) 667-3145, Email: Water.Resources@gov.yk.ca

Personal information collected under the Access to Information and Protection of Privacy (ATIP) Act, Section 99 (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: