

W93

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:

A3 Street Address of Well Location: 4 Roderick Place

A4 Town / Village / Area / Lot #: Hidden Valley

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 /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)
 brown SAND trace gravel some silt soft and saturated
 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

Depth m (ft)	B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
0 - 40	Yellow	Sand		
40 - 280	Grey	Clay		
280 - 300	Grey	Sand		
300 - 306		Gravel	Sand	

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

WELL CONSTRUCTION (Continues on Page 2) Date Well Completed: 2021 10 06

C1 Drilling Method: Air Rotary (Conventional) Dug Reverse Air Rotary Cable Tool Mud Rotary Auger (Hollow / Solid Stem) Other (please specify)

C2 Well Type: In what geological material is the water producing zone located? OVERBURDEN BEDROCK

C3 Outside Diameter: (cm) C4 Casing Material: Steel Plastic Other C5 Casing Wall Thickness: 219 (cm) C6 Casing Depth to: (m/ft)

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: NO
Indicated depth (m):
Material type: (mm/inches)
(i.e. silica)

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

C14 Outside Diameter: 6 (cm)
C15 Screen Material: Stainless Steel
C16 Screen Type: Slotted
C17 Depth from: 300 (m)
C18 Depth to: 305 (m)
Slot Size / Perforation Dia: (mm/inches)
C19 Screen Comments:

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Air Jetting / Air Lifting
D2 Well Head Completion: Well House
D3 Well Head Stick-up: 2 (m)
D4 Static Water Level: 151 (m)
D5 Well Yield Estimate: 15 (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

(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 columns: 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:
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:
Name of the laboratory:

Chemical Analysis of Water: Was a sample taken? YES NO
Date Sample Taken: 2021 10 06
Name of the laboratory: ALS

WELL CONTRACTOR

H1 Name of Contractor:
H2 Name of Contractor:
H3 Address of Contractor:
Signature of Primary Driller:
Date Submitted to Dept. of Environment: Y Y Y Y M M D D

CONSULTANT (If applicable)

I1 Company Name:
I2 Company Address:
I3 Report Reference:
I4 Report Date: Y Y Y Y M M D D

ADDITIONAL INSTRUCTIONS

Upon completing this form, please mail or fax it to: Water Resources Section (V-310), Department of Environment, Government of Yukon Box 2763, 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 (ATIP/PI) 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) 567-3223. 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