



Government
Department of Environment
Water Resources Section V-310
Yukon Water Well Registry
Box 2703 Whitehorse, Yukon Y1A 2C6

**WATER WELL
DRILLERS FORM**

Well ID: **204140337**
To be assigned by Dept. Of Environment

105D14

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:

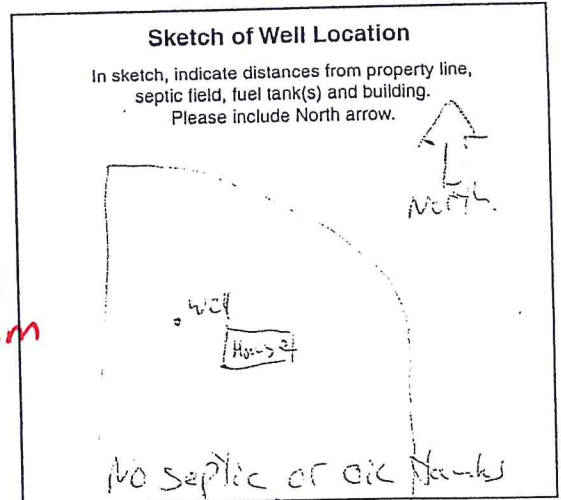
A4 Town / Village / Area / Lot #:

A5 UTM Coordinates (using handheld GPS): NAD Zone

Easting Northing

A6 Elevation of Top of Casing: m / ft ASL

A7 Accuracy of GPS: +/- m / ft



A8 Purpose of Wells

- Domestic
- Commercial
- Industrial
- Test Well
- Municipal
- Agricultural
- Irrigation
- Observation - Water Level
- Public/Recreational
- Environmental (Quality)
- Other (please identify use)

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

CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS, BEDROCK
SAND

"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
soft and saturated

Depth (m / ft)		B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
B2 From	B3 To				
0	4	yellow	Silt		↑ Dry
4	6	yellow	Silt	gravel	
6	8	grey	Clay		↓ Wet
8	110	grey	Silt.		
110	119	grey	Silt.	gravel	
119	126	grey	gravel	Sand	
126	215	Various	Bedrock.	Very hard 15' 10'	

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

C8 Seal Material Type: Clay (i.e. Bentonite) C9 Diameter of Seal: _____ (cm / in) C10 Seal Depth from: 5.5 ft (m / ft) C11 Seal Depth to: 3.0 (m / ft) C12 Volume Placed: _____ (m³ / ft³)

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

C13 Gravel Pack: NO If yes, indicated depth (m / ft): _____
 YES 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 (cm / in): _____ C15 Screen Material: Stainless Steel, Steel, Plastic, N/A, Other: _____
 Continuous Wire Wrap, Louver Screen, Perforated, Slotted, Open Hole
 C16 Screen Type: _____
 C17 Depth from: Screen 1. _____ (m / ft), Screen 2. _____ (m / ft), Screen 3. _____ (m / ft)
 C18 Depth to: _____ (m / ft), _____ (m / ft), _____ (m / ft)
 Slot Size / Perforation Dia: _____ Thou. / mm / inches, _____ Thou. / mm / inches, _____ Thou. / mm / inches
 C19 Screen Comments: _____

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Surge Block, Water Jetting, Air Jetting / Air Lifting, Bailing, Pumping, Other: _____
 D2 Well Head Completion: Well House, Pitless Adaptor (Depth of adaptor: _____ (m / ft)), Well Pit (NOT PERMITTED), None (well not completed)
 D3 Well Head Stick-up (above ground surface): 1.75 (m / ft) (Use negative if below grade)
 D4 Static Water Level (below top of casing): 1.54 (m / ft) (Use negative if below grade)
 D5 Well Yield Estimate: 7.5 (Lps / gpm)
 D6 Final Well Status: Water Supply (in use), Stand by (Back-up), Observation, Not in use, Deepened, Other: _____, Abandoned (If well was abandoned, please give reason: _____), Dry, Poor Quality, Insufficient Yield, Artesian conditions
 D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? YES, NO. If YES, Indicate Date: _____
 D8 Method Used to Estimate Well Yield: Air Lifting, Bailing, Pumping Test (If test conducted, complete Pumping Test Record)

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): 1.54 (m / ft)
 Pump Intake Set at: 2 1/2 (m / ft)
 Duration of pumping: 46 hrs _____ min
 Final Water Level (FWL) at end of Pumping Test: 1.54 (m / ft)

RECOMMENDATIONS

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

F1 Well Water Level Drawdown/Recovery DATA

Drawdown		Recovery	
Time (min)	Water Level (m / ft)	Time (min)	Water Level (m / ft)
0 (SWL)		0 (FWL)	
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
50		50	
60		60	

G1 GROUNDWATER QUALITY

Field Data
 Date Measurements Taken: 2010101909
 Electrical Conductivity: 1730 uS
 pH: 7.07
 Temperature: _____ °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

Well Disinfection

Was the well disinfected upon completion of the pump installation? YES NO

Briefly describe method of well disinfection.

Bleach

Bacteria Testing

Was a sample taken? YES NO If yes, indicate the name of the laboratory.

Date Sample Taken: 2010101909 YTC

Chemical Analysis of Water

Was a sample taken? YES NO If yes, indicate the name of the laboratory.

Date Sample Taken: 2010101909 AIS