

Y 340

Well Record Page 1 of 2  
**WATER WELL  
DRILLERS FORM**

Well ID:   
To be assigned by Dept. Of Environment

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 867-667-3171.
- 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: [REDACTED]

A3 Street Address of Well Location: Lot 1067 Mardel creek Subd.

A4 Town / Village / Area / Lot #: Haines Junction

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

Easting:  Northing:

A6 Elevation of Top of Casing:  m / ft ASL

A7 Accuracy of GPS:  +/- m / ft

**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 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: 60px; height: 15px;"></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, red, 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 (well) HARDNESS: soft / hard / very hard
		<span style="border: 1px solid black; padding: 2px;">brown</span>	<span style="border: 1px solid black; padding: 2px;">SAND</span>	<span style="border: 1px solid black; padding: 2px;">trace gravel</span> <span style="border: 1px solid black; padding: 2px;">some silt</span>	<span style="border: 1px solid black; padding: 2px;">soft and saturated</span>
Depth (m / ft)		B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
B2 From	B3 To				
0	20		gravel		
20	60		clay		
60	80		gravel		

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

**WELL CONSTRUCTION** (Continues on Page 2)

Date Well Completed 20170724 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

Casing (depth below ground surface, please circle appropriate units)

C3 Outside Diameter 6 (cm / ft)  cm  ft

C4 Casing Material  Steel  Plastic  Other

C5 Casing Wall Thickness 3/16 (cm / ft)  cm  ft

C6 Casing Depth to: 30 (m / ft)  m  ft

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: 5 (m)
C12 Volume Placed: (m^2 ft^3)

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

C13 Gravel Pack: NO
If yes, indicated depth (m / ft):
Material type: (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: Open Hole
C17 Depth from: 7.5 (m)
C18 Depth to: 8.0 (m)
Slot Size / Perforation Dia: 30 (mm) / inches

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: 46 (m)
D5 Well Yield Estimate: 307 (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:
Y Y Y Y M M D D

Static Water Level (SWL): (m / ft)

Pump Intake Set at: (m / ft)

Duration of pumping: hrs min

Final Water Level (FWL) at end of Pumping Test: (m / ft)

G1 GROUNDWATER QUALITY

Field Data:
Date Measurements Taken:
Y Y Y Y M M D D

Electrical Conductivity: uS
pH:
Temperature: C

Groundwater Type

- Salty
Sulphur / Egg Odour
Organic Taste / Odour
Metallic Taste
Other:

RECOMMENDATIONS

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

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.

F1 Well Water Level Drawdown/Recovery DATA

Table with 4 columns: Time (min), Water Level (m / ft), Time (min), Water Level (m / ft). Rows include 0 (SWL), 0 (FWL), 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, 40, 50, 60.

Bacteria Testing

Was a sample taken? YES NO
Date Sample Taken:
Y Y Y Y M M D D

Chemical Analysis of Water

Was a sample taken? YES NO
Date Sample Taken:
Y Y Y Y M M D D

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: Callaway Water
H2 Name of Driller(s):
H3 Address of Driller: 10113 Cooper Rd.
Signature of Primary Driller:
Date Submitted to Dept. Of Environment: Y Y Y Y M M D D

CONSULTANT (If applicable)

I 1 Company Name:
I 2 Company Address:
I 3 Report Reference:
I 4 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 2703, Whitehorse, Yukon, Canada Y1A 2C8
Phone: (867) 667-3171, Toll free (in Yukon): (1-800) 661-0408, local 3171
Fax: (867) 667-3195 E-mail: Water.Resources@gov.yk.ca

Personal information collected under the authority of the Access to Information and Protection of Privacy (ATIP) 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