

H 4

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
- Questions 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:

A3 Street Address of Well Location: 115A13 Willow Ave

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

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

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):

Sketch of Well Location
In sketch, indicate distances from property line, south 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

Depth (m)	Depth (ft)	General Colour	Most Common Material	Secondary Materials	General Description
0	236	Clay grey	Clay		Water - bad chemistry
236	274	tan	Sand		
274	415	gray	Clay		
415	492	clay	gravel		
492	568		sand		

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed: 20180712

- 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

C3 Outside Diameter: 6 (in) 150 (mm)

C4 Casing Material: Steel Plastic Other

C5 Casing Wall Thickness: 0.25 (in) 6.35 (mm)

C6 Casing Depth to: 47.0 (m) 154 (ft)

C7 Other Comments Regarding Casing:

Surface / Environmental Seal

C9 Diameter of Seal: 10 cm
C10 Seal Depth from: 6 cm
C11 Seal Depth to: 1.5 m
C12 Volume Placed: 1 m³

Gravel Pack

C13 Gravel Pack: YES
Indicate diameter of material: 10 cm
Material type: 1.5 m

Well Screen Information

C14 Outside: 10 cm
C15 Screen Material: Stainless Steel
C16 Screen Type: Continuous Wire Wrap
C17 Depth from: 1.5 m
C18 Depth to: 1.5 m
Slot Size: 0.5 mm
Perforation Dia: 0.5 mm

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Water Jetting
D2 Well Head Completion: Well House
D3 Well Head Stick-up: 9 cm
D4 Static Water Level: 7.5 m
D5 Well Yield Estimate: 15 L/min
D6 Final Well Status: Water Supply (in use)
D7 Well Abandonment Status: YES
D8 Method Used to Estimate Well Yield: Air Lifting

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:

RECOMMENDATIONS

Recomm. Pump Depth:
Recomm. Pumping Rate:
If flowing, provide rate:

F1 Well Water Level Drawdown/Recovery DATA

Table with 3 columns: Time (min), Water Level (m), Recovery (min). Rows for 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:
pH:
Temperature:
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

Quality/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:
Name of the laboratory:

WELL CONTRACTOR

H1 Name of Contractor:
H2 Name of Contractor:
H3 Address of Contractor:

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 2C5

Personal information contained on this form is collected under the authority of the Access to Information Act, Section 29(1) 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.