

Well ID:

To be assigned by Dept. Of Environment

WATER RESOURCES BRANCH
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: 1110 old constabulary

A4 Town / Village / Area / Lot #: Marsh Lake

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

134° 16.790 60° 28.691
Easting West Northing

A6 Elevation of Top of Casing: 2220 m ft ASL

A7 Accuracy of GPS: 20 +/- m



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, gray, green, black, reddish, 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 (wet) HARDNESS: soft / hard / very hard	
		brown	SAND	trace gravel some silt	soft and saturated	
Depth (m / ft)	B2 From	B3 To	B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
0	0	20	Brown	sand silt gravel	trace gravel	hard
20	20	40	Brown Grey	sand silt gravel	clay	hard
40	40	60	Brown Grey	gravel clay	sand	hard
60	60	80	Brown Grey	Sand Clay	trace gravel	hard
80	80	100	Grey	Gravel Clay	gravel course	hard
100	100	120	Grey	Pure Clay	none	hard
120	120	140	Grey	Silt some clay	gravel	hard
140	140	160	Grey	Pure Clay	none	hard
160	160	180	Grey	sand fine	silt	soft
180	180	200	Grey Brown	sand gravel	silty	medium

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed 2019 06 01
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 6 5/8 (cm (in))
C4 Casing Material Steel Plastic Other
C5 Casing Wall Thickness 1/4 (cm (in))
C6 Casing Depth to 198 (m (ft))

C7 Other Comments Regarding Casing:

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

C8 Seal Material Type: GROUT (i.e. Bentonite)
C9 Diameter of Seal: 10 (cm/in)
C10 Seal Depth from: 0 (m/ft)
C11 Seal Depth to: 18 (m/ft)
C12 Volume Placed: 1 m3 (m3/ft3)

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

C13 Gravel Pack: YES
Indicated depth (m/ft): 5
Material type: gravel/sand

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

C14 Outside Diameter: 5 1/2 (cm/in)
C15 Screen Material: Stainless Steel
C16 Screen Type: Continuous Wire Wrap
C17 Depth from: 193 (m/ft)
C18 Depth to: 193 (m/ft)
Slot Size / Perforation Dia: 30 (Thou./mm/inches)
Screen 1: 193 (m/ft)
Screen 2: 193 (m/ft)
Screen 3: 193 (m/ft)
C19 Screen Comments: 13 thou not exposed

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Air Jetting / Air Lifting
D2 Well Head Completion: Well House
D3 Well Head Stick-up: 2.5 (m/ft)
D4 Static Water Level: 15.7 (m/ft)
D5 Well Yield Estimate: 5-7 (Lps/gpm)
D6 Final Well Status: Not in use
D7 Well Abandonment Status: YES
D8 Method Used to Estimate Well Yield: Air Lifting

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 for 0 (SWL), 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

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

Date Submitted to Dept. Of Environment

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

Please feel free to contact us at: 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 contained on this form is collected under the authority of the Access to Information and Protection of Privacy (ATIPP) 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