

204140324

Well ID: Well 2
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.
- 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)

Garry Umblich
First Name Last Name

Company / Department / Organization

A2 Drilled For: Christian Berneche Takhini Hot Springs Ltd
Marc Goudreau

A3 Street Address of Well Location: Takhini Hot Springs

A4 Town / Village / Area / Lot #: Lot 1095

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

Easting Northing

A6 Elevation of Top of Casing: 2 m / ft 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	Depth (m / ft)	B4 General Colour	B5 Most Common Material	B6 Secondary Materials		B7 General Description
				trace gravel	some silt	
	0 - 20	Brown	Clay/clay	30% gravel		Hard
	20 - 40	Grey	Clay			Soft
	40 - 55	Grey	Clay gravel	30% gravel		Soft medium
	55 - 60	black	Bed rock			Hard
	60 - 80	black	Bed rock			Hard
	80 - 100	black	Bed rock			Hard
	100 - 100	black	Bed rock			Hard
	100 - 100	brown/red	Bed rock/clay			Soft, wet
	120 - 140	Black/Grey	Bed rock			Hard
	140 - 160	Black/Grey	Bed rock			Hard
	160 - 170	Black/red	Red rock			Hard
	170 - 180	purple red	Bedrock/lite clay			Soft / wet 10 gal
	180 - 200	Black	Bed rock			Hard
	200 - 210	Black/Grey	Bed rock			Hard
	210 - 210	Red/Black	Bed rock			Soft lots water 8 gal

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed: 2014/06/04
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: 100 (cm / in)
C4 Casing Material: Steel Plastic Other
C5 Casing Wall Thickness: 3.05 (cm / in)
C6 Casing Depth to: 57 (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:
C10 Seal Depth from:
C11 Seal Depth to:
C12 Volume Placed:

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

C13 Gravel Pack: NO YES
Indicate diameter of material:
Material type:

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

C14 Outside Diameter:
C15 Screen Material:
C16 Screen Type:
C17 Depth from:
C18 Depth to:
Slot Size / Perforation Dia:
C19 Screen Comments:

WELL DEVELOPMENT AND STATUS

D1 Well Developed by:
D2 Well Head Completion:
D3 Well Head Stick-up:
D4 Static Water Level:
D5 Well Yield Estimate:
D6 Final Well Status:
D7 Well Abandonment Status:
D8 Method Used to Estimate Well Yield:

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:
pH:
Temperature:

Groundwater Type

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

RECOMMENDATIONS

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

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?

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) and 0 (FWL) at various time intervals.

Bacteria Testing

Was a sample taken? YES NO
Date Sample Taken:

Chemical Analysis of Water

Was a sample taken? YES NO
Date Sample Taken:

Clear Form Print Form

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company:
H2 Name of Driller(s):
H3 Address of Driller:
Signature of Primary Driller:
Date Submitted to Dept. Of Environment:

CONSULTANT (If applicable)

I 1 Company Name:
I 2 Company Address:
I 3 Report Reference:
I 4 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 2C6

Personal information contained on this form is 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