

W-1

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:

Company / Department / Organization

A3 Street Address of Well Location: **23 COUCH ROAD**

A4 Town / Village / Area / Lot #: **HIDDEN VALLEY**

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

Easting Northing

A6 Elevation of Top of Casing: m / r 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		(brown, grey, green, black, redish, beige, olive, yellowish)	CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS, BEDROCK	trace gravel <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	
Depth (m / ft)	B2 From	B3 To	B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
0	9	9	brown	SAND	trace gravel	soft and saturated
9	15	15	brown	clay	trace sand	-
15	102	102	grey	clay	-	-
102	103	103	grey	silt	Sandy	saturated
103	104	104	grey	fine gravel	silty	saturated
104	119.5	119.5	grey	clay	silty	moist
119.5	130	130	grey/bleached	fractured	and sand	saturated
			* Heaving Sand 120-130			

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed **2015 06 22**
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 (cm / in)
6.5

C4 Casing Material Steel Plastic Other
0.0219

C5 Casing Wall Thickness (cm / in)

C6 Casing Depth to: (m / ft)
130

C7 Other Comments Regarding Casing:

19' diameter cut
46" pullback exposure

NTS 105D14
28
488954
6744107
I 100-300

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

C8 Seal Material Type: Bentonite
C9 Diameter of Seal: 10 (cm/in)
C10 Seal Depth from: 10 (m/ft)
C11 Seal Depth to: 17 (m/ft)
C12 Volume Placed: 200 lbs

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

C13 Gravel Pack: YES
Indicated depth (m/ft):
Material type: (i.e. silica)

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

C14 Outside Diameter: 4.5 (cm/in)
C15 Screen Material: Stainless Steel
C16 Screen Type: Slotted
C17 Depth from:
C18 Depth to: 130 (m/ft)
Slot Size / Perforation Dia: 30 Thou. / mm / inches
C19 Screen Comments: 40" Exposure Perforated

WELL DEVELOPMENT AND STATUS

D1 Well Developed by:
D2 Well Head Completion:
D3 Well Head Stick-up: 2.2 (m/ft)
D4 Static Water Level: 12.2 M (m/ft)
D5 Well Yield Estimate: 45+ (Lps / gpm)
D6 Final Well Status:
D7 Well Abandonment Status:
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:

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.

G1 GROUNDWATER QUALITY

Field Data: Date Measurements Taken, Electrical Conductivity, pH, Temperature, Groundwater Type, Turbidity/Sand Content, Well Disinfection.

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: ARTHUR WATER
H2 Name of Driller(s):
H3 Address of Driller: Whitehorse, YT

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 2C6

Personal information contained on this form is collected under the authority of the Access to Information and Protection of Privacy (ATIPPA) 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