

139

Well ID: 20414 0301

To be assigned by Dept. Of Environment

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)

First Name Last Name Company / Department / Organization

A2 Drilled For:

A3 Street Address of Well Location:

A4 Town / Village / Area / Lot #:

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

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, redist, 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 / gravely" 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)		B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
B2 From	B3 To				
0'	10'	TAN	Silt	Silt / sand	Dry, soft
10'	20'	"	"	"	"
20'	25'	"	"	"	"
25'	28'	Grey	Gravel / Boulder	20% silt	"
28'	34'	Black	BED ROCK		Dry / Hard

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed
 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 7/8 (cm / in)
 C4 Casing Material Steel Plastic Other
 C5 Casing Wall Thickness 1.98 (cm / in)
 C6 Casing Depth to: 34 (m / ft)

C7 Other Comments Regarding Casing

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

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

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

C13 Gravel Pack: NO YES If yes, indicated depth (m / ft): from: to: Indicate diameter of material: (mm / inches) Material type:

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

C14 Outside Diameter (cm / in) C15 Screen Material: Stainless Steel, Steel, Plastic, N/A, Other C16 Screen Type: Continuous Wire Wrap, Louver Screen, Perforated, Slotted, Open Hole C17 Depth from: C18 Depth to: Slot Size / Perforation: Screen 1, 2, 3 C19 Screen Comments:

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Surge Block, Water Jetting, Air Jetting / Air Lifting, Bailing, Pumping, Other D2 Well Head Completion: Well House, Pitless Adaptor, Well Pit, None D3 Well Head Stick-up (above ground surface) D4 Static Water Level (below top of casing) D5 Well Yield Estimate (Lps / gpm) D6 Final Well Status: Water Supply, Stand by, Observation, Not in use, Deepened, Other D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? YES NO If YES, Indicate Date: Y Y Y Y M M D D D8 Method Used to Estimate Well Yield: Air Lifting, Bailing, Pumping Test

PUMPING TEST RECORD AND GROUNDWATER QUALITY (All depths below ground, circle appropriate units)

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 columns for Drawdown (Time, Water Level) and Recovery (Time, Water Level)

G1 GROUNDWATER QUALITY

Field Data: Date Measurements Taken: Electrical Conductivity: pH: Temperature: Turbidity/Sand Content: Clear, Slightly turbid/cloudy, Moderately turbid/cloudy, Turbid/cloudy, Trace sand present, No sand present Bacteria Testing: Was a sample taken? YES NO Date Sample Taken: Chemical Analysis of Water: Was a sample taken? YES NO Date Sample Taken:

Groundwater Type

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

Well Disinfection

Was the well disinfected upon completion of the pump installation? YES NO Briefly describe method of well disinfection:

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: GREAT HEAT H2 Name of Driller(s): H3 Signature of Primary Driller: H4 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 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. For further information contact the Manager of Hydrology, Water Resources at (867) 667-3223, toll free within Yukon 1-800-661-0408 Ext 3223. Please feel free to contact us at: Phone: (867) 667-3171 Toll free (in Yukon): (1-800) 661-0408, local 3171 Fax: (867) 667-3171 Email: Water.Resources@gov.yk.ca I have read the above clause and understand the purpose for collection of personal information. Signature of Well Owner