

138

Well ID: 204100514
To be assigned by Dept. Of Environment

105D10

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: Lot 136 Plan 68723

A4 Town / Village / Area / Lot #: Golden Horn Subd Whse

A5 UTM Coordinates (using handheld GPS): NAD 83 Zone 08
508305 6718717
Easting Northing

A6 Elevation of Top of Casing: 744 (m) ft ASL

A7 Accuracy of GPS: 15 (+/- 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.

Artic Drive
Golden Horn Subd

LOG OF OVERBURDEN AND BEDROCK MATERIALS (All depths are below ground surface, circle appropriate units, use descriptors provided)

EXAMPLE ONLY	(brown, grey, 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
			trace gravel	some silt	
	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 20	grey	gravel			Coarse course
20 45	grey	gravel			Coarse
45 65	grey	clay		sand layers	clump
60 80	rust	sand		gravel	moist
80 110	grey	silt		clay	wet course
110 120	grey	gravel			

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed 20110721
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 Dual Rotary
 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 6.57 (cm / in)
C4 Casing Material Steel Plastic Other
C5 Casing Wall Thickness 2.19 (cm / in)
C6 Casing Depth to: 115 (m / ft)

C7 Other Comments Regarding Casing:

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

C8 Seal Material Type: 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 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: C15 Screen Material: C16 Screen Type: C17 Depth from: C18 Depth to: Slot Size / Perforation: 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)

RECOMMENDATIONS

Recomm. Pump Depth: (m / ft) Recomm. Pumping Rate: (Lps / gpm) If flowing, provide rate: (Lps / gpm)

F1 Well Water Level Drawdown/Recovery DATA

Table with columns for Time (min), Water Level (m / ft) for Drawdown and Recovery, ranging from 0 to 60 minutes.

G1 GROUNDWATER QUALITY

Field Data

Date Measurements Taken: Y Y Y Y M M D D

Electrical Conductivity: uS pH: Temperature: °C

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 If yes, indicate name of the labor Date Sample Taken: Y Y Y Y M M D D

Chemical Analysis of Water

Was a sample taken? YES NO If yes, indicate name of the labor Date Sample Taken: Y Y Y Y M M D D

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: Impact Well Drilling 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: Y Y Y Y M M D D

ADDITIONAL INSTRUCTIONS

Upon completing this form, please mail or fax it to:

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

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 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