

153

Well ID: 2050300209  
 To be assigned by Dept. Of Environment

105E03

### 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: First Name Collin Last Name Remillard Company / Department / Organization

A3 Street Address of Well Location: Quad 105E 3 Lot PCL (AS#274)  
Lot #1086

A4 Town / Village / Area / Lot #: Kim 236 north Klondike  
Fox Lake

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

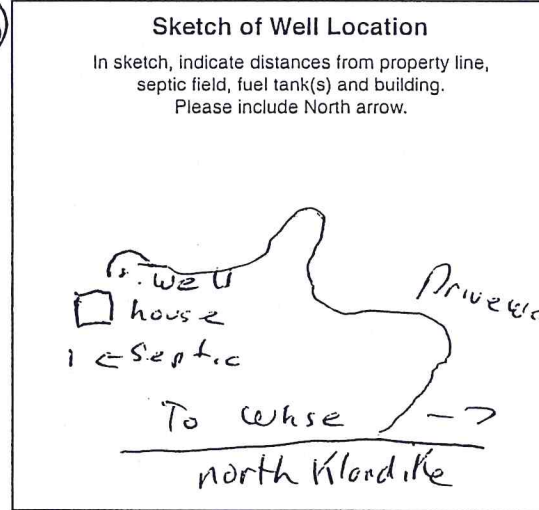
Easting       Northing

A6 Elevation of Top of Casing:  m / ft ASL

A7 Accuracy of GPS:  +/- m / ft

### A8 Purpose of Wells

- |                                     |                                       |                                                    |                                                      |
|-------------------------------------|---------------------------------------|----------------------------------------------------|------------------------------------------------------|
| <input type="checkbox"/> Domestic   | <input type="checkbox"/> Test Well    | <input type="checkbox"/> Irrigation                | <input type="checkbox"/> Environmental (Quality)     |
| <input type="checkbox"/> Commercial | <input type="checkbox"/> Municipal    | <input type="checkbox"/> Observation - Water Level | <input type="checkbox"/> Other (please identify use) |
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Agricultural | <input type="checkbox"/> Public/Recreational       | <input type="text"/>                                 |



### 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" <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)		B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
B2 From	B3 To				
0	4	brown	gravel		
4	70	brown	sand	clay layers	soft
70	80	grey	clay		dry hard
80	90		gravel	sand	coarse
90	97		gravel		coarse
97	340	black	bedrock		Fractured hard layers

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

### WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed 20110110  
 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 678 (cm / in)  
 C4 Casing Material  Steel  Plastic  Other   
 C5 Casing Wall Thickness 219 (cm / in)  
 C6 Casing Depth to: 115 (m / ft)

C7 Other Comments Regarding Casing  
320 PVC 4.5 well casing installed

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

C8 Seal Material Type: 15 Bentonite (i.e. Bentonite)
C9 Diameter of Seal: 10 (cm / in)
C10 Seal Depth from: 6 (m / ft)
C11 Seal Depth to: 15 (m / ft)
C12 Volume Placed: (m³ / ft³)

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

C13 Gravel Pack: [X] NO 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: [X] Stainless Steel, [X] Steel, [X] Plastic, [X] N/A, [X] Other
C16 Screen Type: [X] Continuous Wire Wrap, [X] Louver Screen, [X] Perforated, [X] Slotted, [X] 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: [X] Surge Block, [X] Water Jetting, [X] Air Jetting / Air Lifting, [X] Bailing, [X] Pumping, [X] Other
D2 Well Head Completion: [X] Well House, [X] Pitless Adaptor, [X] Well Pit, [X] None
D3 Well Head Stick-up (above ground surface): 18 (m / ft)
D4 Static Water Level (below top of casing): 20 (m / ft)
D5 Well Yield Estimate: 21 (Lps / gpm)
D6 Final Well Status: [X] Water Supply (in use), [X] Stand by (Back-up), [X] Observation, [X] Not in use, [X] Deepened, [X] Other
D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? [X] YES, [X] NO
D8 Method Used to Estimate Well Yield: [X] Air Lifting, [X] Bailing, [X] Pumping Test

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 4 columns: Time (min), Water Level (m / ft) for Drawdown and Recovery. Rows include 0 (SWL), 0 (FWL), 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, 40, 50, 60.

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

[X] Clear, [X] Slightly turbid/cloudy, [X] Moderately turbid/cloudy, [X] Turbid/cloudy, [X] Trace sand present, [X] No sand present

Groundwater Type

[X] Salty, [X] Sulphur / Egg Odour, [X] Organic Taste / Odour, [X] Metallic Taste, [X] Other:

Well Disinfection

Was the well disinfected upon completion of the pump installation? [X] YES [X] NO

Briefly describe method of well disinfection.

Bacteria Testing

Was a sample taken? [X] YES [X] NO If yes, indicate the name of the laboratory

Date Sample Taken: Y Y Y Y M M D D

Chemical Analysis of Water

Was a sample taken? [X] YES [X] NO If yes, indicate the name of the laboratory

Date Sample Taken: Y Y Y Y M M D D

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: Rampack Well Drilling

H2 Name of Driller(s): Brian Mac Rannall

H3 Address of Driller: 1504 20254 whse

Signature of Primary Driller: [Signature] 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

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. For further information contact the Manager of Hydrology, Water Resources at (867) 667-3223, toll free within Yukon 1-800-661-0408 Ext 3223.

I have read the above clause and understand the purpose for collection of personal information. Signature of Well Owner