

Well ID: **204140332**

To be assigned by Dept. Of Environment

105D14

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 Last Name Company / Department / Organization

A3 Street Address of Well Location: Km 205 N Klondike Hwy

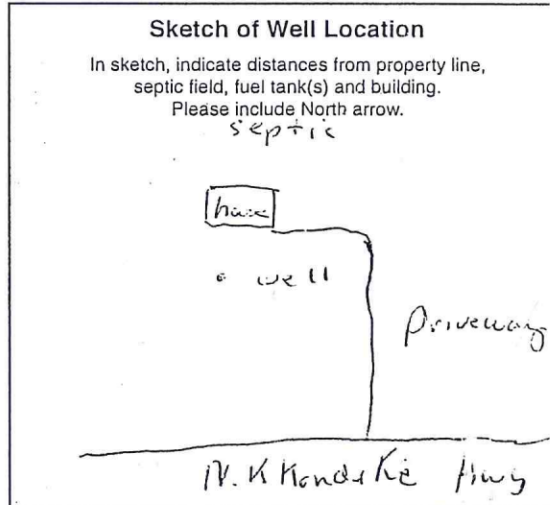
A4 Town / Village / Area / Lot #: Lot 1331-2 Plan 10-81-Whse

A5 UTM Coordinates (using handheld GPS): NAD 8 3 Zone 0 8

4 9 0 5 2 9 Easting 6 7 5 3 9 2 0 Northing

A6 Elevation of Top of Casing: 647 m / ft ASL **105D14**

A7 Accuracy of GPS: 1.5 +/- (m) ft



A8 Purpose of Wells

- Domestic
- Commercial
- Industrial
- Test Well
- Municipal
- Agricultural
- Irrigation
- Observation - Water Level
- Public/Recreational
- Environmental (Quality)
- Other (please identify use)

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) brown
CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS, BEDROCK SAND
"trace" <10% (i.e. SILT trace gravel) trace gravel
"some" 10-20% (i.e. SAND some gravel) some silt
"silty / sandy / gravelly" 20-30% (i.e. silty SAND "and sand" or "and gravel" 35-50%) some silt
MOISTURE: dry / moist / saturated (wet) soft and saturated
HARDNESS: soft / hard / very hard

| Depth (m / ft) | | B4 General Colour | B5 Most Common Material | B6 Secondary Materials | B7 General Description |
|----------------|-------|-------------------|-------------------------|------------------------|------------------------|
| B2 From | B3 To | | | | |
| 0 | 15 | Brown | Silt | Sand | dry |
| 15 | 42 | Blue | clay | | damp |
| 42 | 112 | | gravel | rock sand | |
| 112 | 116 | | sand | | fine wet |
| 117 | | grey | bed rock | | wet fracture |

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed 20 11 0 10 1 1

Example: 2005 01 31

C1 Drilling Method Air Rotary (Conventional) Dug Other (please specify) Dual Rotary
 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 6.75 (cm / in)
C4 Casing Material Steel Plastic Other
C5 Casing Wall Thickness 2.19 (cm / in)
C6 Casing Depth to: 117 (m / ft)

C7 Other Comments Regarding Casing

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

C8 Seal Material Type: 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: NO If yes, indicated depth (m / ft):
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, 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) at various depths (0, 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

Turbidity/Sand Content

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

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.

Bacteria Testing

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

Date Sample Taken: (calendar grid)

Chemical Analysis of Water

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

Date Sample Taken: (calendar grid)

WELL CONTRACTOR

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

CONSULTANT (if applicable)

I1 Company Name:
I2 Company Address:
I3 Report Reference:
I4 Report Date: (calendar grid)

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