

#251

Well ID: **204100523**  
To be assigned by Dept. Of Environment

## WATER WELL DRILLERS FORM

105D10

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: First Name  Last Name  Company / Department / Organization

A3 Street Address of Well Location:

A4 Town / Village / Area / Lot #:

A5 UTM Coordinates (using handheld GPS): NAD   Zone

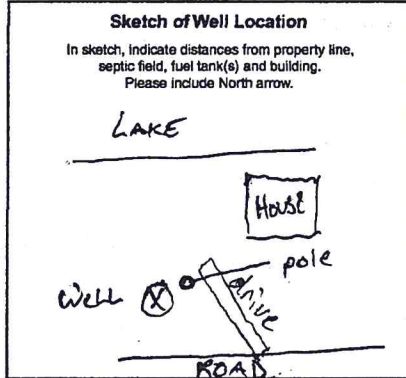
Easting  Northing

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



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

EXAMPLE ONLY	Depth (m/ft) B2 From B3 To	B4 General Colour <small>(brown, grey, green, black, redish, beige, olive, yellowish)</small>	B5 Most Common Material <small>CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS, BEDROCK</small>	B6 Secondary Materials <small>'trace' &lt;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%</small>		B7 General Description <small>MOISTURE: dry / moist / saturated (wet) HARDNESS: soft / hard / very hard</small>
				trace gravel	some silt	
	0 43	Brown	SAND GRAVEL			dry soft
	43 47	Grey	Clay	some SAND		saturated soft
	47 51	Grey	cobbles	some SAND		saturated soft
	51 56	Grey	SAND	some Gravel		saturated soft

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

### WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed **2014 07 08**  
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)  
 C4 Casing Material  Steel  Plastic  Other   
 C5 Casing Wall Thickness  (cm/in)  
 C6 Casing Depth to:  (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: 6 Bags (m³ / ft³)

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

C13 Gravel Pack: NO
If yes, indicated depth (m / ft): N/A
Material type: (mm / inches)

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

C14 Outside Diameter: 5 1/2 (cm / in)
C15 Screen Material: Stainless Steel
C16 Screen Type: Slotted
C17 Depth from: 56 (m / ft)
C18 Depth to: 53 (m / ft)
Slot Size / Perforation Dia: 15 (Thou. / mm / inches)

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Water Jetting
D2 Well Head Completion: Pitless Adaptor
D3 Well Head Stick-up: 2 (m / ft)
D4 Static Water Level: 13 (m / ft)
D5 Well Yield Estimate: 4 (Lps / gpm)
D6 Final Well Status: Water Supply (in use)
D7 Well Abandonment Status: YES
D8 Method Used to Estimate Well Yield: Air Lifting

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, Time (min), Water Level (m / ft) for Recovery. Rows 0-60.

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

Chemical Analysis of Water
Was a sample taken? YES NO
Date Sample Taken:
Y Y Y Y M M D D

Clear Form Print Form

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: Cathway Water
H2 Name of Driller(s): Grant Booth
H3 Address of Driller: 1213 Copper Rd
Signature of Primary Driller
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 (ATIP/PA) 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