



Government
Department of Environment
Water Resources Section V-310
Yukon Water Well Registry
Box 2703 Whitehorse, Yukon Y1A 2C6

Well ID: **204140312**
To be assigned by Dept. Of Environment

WATER WELL DRILLERS FORM

105014

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)

A2 Drilled For: First Name Last Name Company / Department / Organization

A3 Street Address of Well Location: **Lot 1137 Hot Springs Rd**

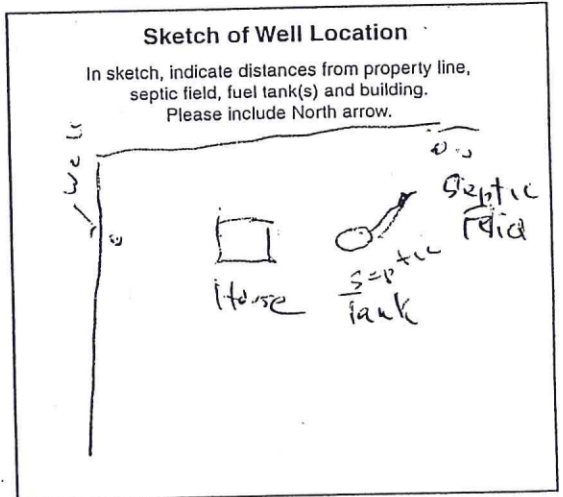
A4 Town / Village / Area / Lot #:

A5 UTM Coordinates (using handheld GPS): NAD 8 | 3 Zone 018

4 | 8 | 1 | 4 | 4 | 5 Easting 6 | 9 | 4 | 9 | 0 | 3 | 3 Northing

A6 Elevation of Top of Casing: 756 (m) / ft ASL

A7 Accuracy of GPS: 7 meters +/- 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	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' <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 30	brown	SAND			soft and saturated
	30 35	grey-brown	silt			sand
	35 40	brown	sand			fine
	40 45	grey	shattered rock			medium hard
	45 50	grey black	bed rock			

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed **20090514**
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

C3 Outside Diameter 6.75 (cm / in)

C4 Casing Material Steel Plastic Other

C5 Casing Wall Thickness 2.50 (cm / in)

C6 Casing Depth to: 50 (m / ft)

C7 Other Comments Regarding Casing

P.O.C 4.5 o.d 35-315 - perforated

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: 3 (m/ft)
C11 Seal Depth to: 15 (m/ft)
C12 Volume Placed: 4 bags (m³)

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

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

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

C14 Outside Diameter:
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:
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 (NOT PERMITTED), None
D3 Well Head Stick-up (above ground surface): 2.4 (m/ft)
D4 Static Water Level (below top of casing):
D5 Well Yield Estimate: 3 (Lps/gpr)
D6 Final Well Status: Water Supply (in use), Stand by (Back-up), Observation, Not in use, Deepened, Abandoned, Dry, Poor Quality, Insufficient Yield, Artesian conditions
D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? YES/NO
D8 Method Used to Estimate Well Yield: Air Lifting, Bailing, Pumping Test, etc.

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)

G1 GROUNDWATER QUALITY

Field Data

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

Electrical Conductivity: uS

pH:

Temperature: °C

Groundwater Type

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

Turbidity/Sand Content

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

Well Disinfection

Was the well disinfected upon completion of the pump installation? YES/NO

Briefly describe method of well disinfection.

F1 Well Water Level Drawdown/Recovery DATA

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

Bacteria Testing

Was a sample taken? YES/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? YES/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: Impact Well Drilling

H2 Name of Driller(s):

H3 Address of Drilling Company:

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:

Signature of Well Owner

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 collected under the authority of the Access to Information and Protection of Privacy (ATIP) Act, Section 29 (c) and will be used to compile a public database of well and ground water information.

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