

184



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

Well ID: **205030019**

To be assigned by Dept: Of Environment

Well Record Page 1 of 2

WATER WELL DRILLERS FORM

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: _____

Company / Department / Organization _____

A3 Street Address of Well Location: Lot 2 Grizzly Valley

A4 Town / Village / Area / Lot #: 0 Y1

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

486 492 Easting 6768044 Northing

A6 Elevation of Top of Casing: _____ m / ft ASL

100-300m

A7 Accuracy of GPS: _____ +/- 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) _____

Sketch of Well Location
In sketch, indicate distances from property line, septic field, fuel tank(s) and building. Please include North arrow.

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

Depth (m / ft)	B4 General Colour	B5 Most Common Material	B6 Secondary Materials		B7 General Description
			trace gravel	some silt	
0 - 50	brown	Sand			dry
50 - 155	grey	Bedrock			@ 150 saturated

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed 2014 05 25

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 6.5 (cm/in)
 C4 Casing Material Steel Plastic Other _____
 C5 Casing Wall Thickness 0.219 (cm/in)
 C6 Casing Depth to: 50 (m/ft)

C7 Other Comments Regarding Casing: _____

Clear Form Print Form

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: 10 (m / ft)
C11 Seal Depth to: 18 (m / ft)
C12 Volume Placed: 4 BAGS (m³ / ft³)

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

C12 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: Screen 1, 2, 3
C18 Depth to:
Slot Size / Perforation Dia:
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, None
D3 Well Head Stick-up (above ground surface): 1.5 (m / ft)
D4 Static Water Level (below top of casing): 8.0 (m / ft)
D5 Well Yield Estimate: 3.6 (Lps / gpm)
D6 Final Well Status: Water Supply, Stand by, 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

PUMPING TEST RECORD AND GROUNDWATER QUALITY

(All depths below ground, circle appropriate units)

E1 Pumping Test Information

Pumping Test Start Date: YYYYMMDD

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: YYYYMMDD

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: Time (min), Water Level (m / ft), Time (min), Water Level (m / ft). Rows from 0 to 60 minutes.

Bacteria Testing

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

Date Sample Taken: YYYYMMDD

Chemical Analysis of Water

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

Date Sample Taken: YYYYMMDD

Clear Form

Print Form

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: CATHWAY WATER

H2 Name of Driller(s): CATHWAY WATER

H3 Address of Driller: 1018 COPPER RD. WHITEHORSE

Signature of Primary Driller: 2015 04 20

Date Submitted to Dept. Of Environment: YYYYMMDD

CONSULTANT (If applicable)

I1 Company Name:

I2 Company Address:

I3 Report Reference:

I4 Report Date: YYYYMMDD

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 (ATIPPA) 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.

Signature of Well Owner