

Date: Aug 11/2006
 Well Owner: Louise Cashaback
 Address: Lof 133 Judas Creek
 Phone: _____ Fax: _____

Contractor: Pathway Water Resources
 Address: Box 21048 Whitehorse
 Phone: 668-7208 Fax: _____
 Driller: Ron Trews

General Information

Well Location: At owners address Other
 Water Quality: Good Poor, why _____
 Water Analysis: chemical Biological none
 Comments: _____
 Taste: very good
 Water use: domestic Stock Garden
 Irrigation Heat pump Industry
 Community supply; number of connections _____
 Other _____

Aquifer: Rock Sand and gravel
 Well Capacity

Capacity: dry hole Inadequate
 Satisfactory for proposed use

Capacity test: Bail test Air lift Pump test
 Length of test 1 hr minutes Rate: 119pm
 Water level at start: 32'
 Drawdown at end: 32'
 Estimated well capacity: 129pm

Was a water sample taken at end of test? Yes No

Final well completion

Cover on casing Welded plate Pitless adaptor
 Aluminium cover Well seal

Casing: above ground In pit In old dug well

Is casing sealed? Yes No

If Yes, describe: _____

Is site protected from obvious hazards, ie. poor drainage, grazing animals, buried fuel tanks, etc. Yes No

If no, what can be done? _____

If well location cannot be described from a road address, please sketch approximate location on reverse side of file copy of well record or attach separate sheet.

Well Log		Metres <input type="checkbox"/>	Feet <input type="checkbox"/>
From	To	Description	
0	40	sand + grit silty sand	
40	51	wet sand	

* If drilling is in rock, note depth of fractures which make water.

Well Construction

Surface Casing: Diameter 8"
 Length 17' Stick up _____
 removed Left in place

Well Casing: Diameter 6"
 Length 49' Stick up 20"
 Wall thickness: .250

Casing shoe yes no

Completion: well screen slotted pipe
 open end other

Well screen: stainless galvanized steel
 plastic
 from 47' to 51' slot width 25 slot
 from _____ to _____ slot width _____

Design based on: sieve analysis
 estimated slot size

Other screen data: _____

Development method: surge bail air

water jet pump other _____

Static water level below ground: 32'

flowing Rate: _____



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

COPY 54

Well Record Page 1 of 2
**WATER WELL
DRILLERS FORM**

Well ID:

To be assigned by Dept. Of Environment

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:

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

Sketch of Well Location

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

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)		(brown, grey, green, black, reddish, 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
B2 From	B3 To	B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
0	10	brown	SAND	trace gravel some silt	soft and saturated
10	40	brown	sand	gravel.	dry
40	51	grey	sand	silt.	dry
					course + well.

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed

Example: 2005 01 31

1 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)

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 chips (i.e. Bentonite)
C9 Diameter of Seal: 8" + (cm / in)
C10 Seal Depth from: 8 (m / ft)
C11 Seal Depth to: 17 (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):
[] YES 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: 5 (cm / in)
C15 Screen Material: [X] Stainless Steel, [] Steel, [] Plastic, [] N/A, [] Other
C16 Screen Type: [X] Continuous Wire Wrap, [] Louver Screen, [] Perforated, [] Slotted, [] Open Hole
C17 Depth from: 47.6 (m / ft)
C18 Depth to: 51 (m / ft)
Slot Size / Perforation Dia: 25 (Thou. / mm / inches)

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: [X] Bailing, [] Pumping, [] Other
D2 Well Head Completion: [X] Well House, [] Well Pit (NOT PERMITTED), [] None
D3 Well Head Stick-up: 20" (m / ft)
D4 Static Water Level: 32 (m / ft)
D5 Well Yield Estimate: 12 (Lps / gpm)
D6 Final Well Status: [X] Water Supply (in use), [] Stand by (Back-up), [] Observation
D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? [] YES, [X] NO
D8 Method Used to Estimate Well Yield: [X] Bailing, [] Air Lifting, [] Pumping Test

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

G1 GROUNDWATER QUALITY

Field Data: Date Measurements Taken:
Electrical Conductivity: uS
pH:
Temperature: °C

Turbidity/Sand Content

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

Bacteria Testing

Was a sample taken? [X] YES [] NO
Date Sample Taken: 20060813
Yukon Enviro Health Service

Chemical Analysis of Water

Was a sample taken? [X] YES [] NO
Date Sample Taken: 20060813
ALS

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 [X] NO

Briefly describe method of well disinfection.

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: Pathway Water Resources
H2 Name of Driller(s): Ron Toews
H3 Address of Driller: Box 21048, Whitehorse, YT. Y1A 6P6
Signature of Primary Driller: Ron Toews
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

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.

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

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

Signature of Well Owner