

Date: Aug 17/06

Well Owner: [Redacted]
Address: Lot 1210, Burma Road
Phone: _____ Fax: _____
Driller: [Redacted]

Contractor: Pathway Water Resources
Address: _____
Phone: _____ Fax: _____
Driller: [Redacted]

General Information

Well Location: At owners address Other
Water Quality: Good Poor, why _____
Water Analysis: chemical Biological none
Comments: _____
Taste: _____
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 _____ minutes Rate: _____
Water level at start: 33 ft
Drawdown at end: _____
Estimated well capacity: 5 gpm
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	18	sand	
18	134	clay + silt layers	
134	135	thin gravel layer w/ silt + a little water	
135	245	bedrock	
245		water in bedrock	

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

Well Construction

Surface Casing: Diameter 8"
Length 15' Stick up _____
 removed Left in place
Well Casing: Diameter 6"
Length 136' Stick up 18"
Wall thickness: .250
Casing shoe yes no
Completion: well screen slotted pipe
 open end other
Well screen: stainless galvanized steel
 plastic
from _____ to _____ slot width _____
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: 33 ft
 flowing Rate: _____



COPY

Well Record Page 1 of 2
WATER WELL DRILLERS FORM

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

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: Lot 1210

A4 Town / Village / Area / Lot #: Burma Road

A5 UTM Coordinates (using handheld GPS): NAD 8 3 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 [x] 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

Table with 5 columns: Depth (m/ft), B4 General Colour, B5 Most Common Material, B6 Secondary Materials, B7 General Description. Includes handwritten entries for brown, grey, sand, gravel, bedrock, silt layers, and sand + silt.

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed 2010 06 08 17
Y Y Y Y M M D D

Example: 2005 01 31

31 Drilling Method [x] Air Rotary (Conventional) [] Dug [] Other (please specify) []
[] Reverse Air Rotary [] Cable Tool []
[] Mud Rotary [] Auger (Hollow / Solid Stem)

32 Well Type: In what geological material is the water producing zone located?
[] OVERBURDEN [] BEDROCK

Casing (depth below ground surface, please circle appropriate units)

33 Outside Diameter 6 (cm/in)
C4 Casing Material [x] Steel [] Plastic [] Other []
C5 Casing Wall Thickness 2.50 (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: 0 (m / ft)
C11 Seal Depth to: 18 (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):
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: (cm / in)
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: (m / ft)
C18 Depth to: (m / ft)
Slot Size / Perforation Dia: (Thou. / mm / inch)
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, Pileless Adaptor, Well Pit, None
D3 Well Head Stick-up: (above ground surface) 18"
D4 Static Water Level: (below top of casing) 33.4
D5 Well Yield Estimate: 5 (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: (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: Time (min), Water Level (m / ft), Recovery Time (min), Water Level (m / ft). Rows from 0 (SWL) to 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: Cathway Water Resources

H2 Name of Driller(s):

Signature of Primary Driller

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: (Y Y Y Y M M D D)

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 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