

Date: Aug 17/06
Well Owner: Daryl & Nora Dimens
Address: Lot 1210, Burma Road
Phone: _____ Fax: _____

Contractor: Pathway Water Resources
Address: _____
Phone: _____ Fax: _____
Driller: Tom Jones

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: _____

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:
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 Diameter:
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: 18" (above ground surface)
D4 Static Water Level: 33.4 (below top of casing)
D5 Well Yield Estimate: 5 (Lps / gpm)
D6 Final Well Status: Water Supply, Stand by, Observation, Not in use, Deepened, Other
D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout?
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: Drawdown (Time, Water Level), Recovery (Time, Water Level). Rows for 0, 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, 40, 50, 60 minutes.

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): Ron Toews
H3 Address of Driller:
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 (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