

W-5

Well ID:
To be assigned by Dept. Of Environment

Metric Imperial

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.

105 D10
8V
503573
6717546
± 100-300m

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:

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 Test Well Irrigation Environmental (Quality)
 Commercial Municipal Observation - Water Level Other (please identify use)
 Industrial Agricultural Public/Recreational

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

EXAMPLE ONLY		(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	
		brown	SAND	trace gravel some silt	soft and saturated	
Depth (m / ft)	B2 From	B3 To	B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
0	55	74	brown	brown clay	and sand	dry
55	74	140	brown	clay	and gravel	dry
74	140	147	grey	clay	and brown	dry
140	147		grey	clay	sand trace	dry / saturated
			* Bedrock @ 147			

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed
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

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

C3 Outside Diameter (cm / in)
 C4 Casing Material Steel Plastic Other
 C5 Casing Well Thickness (cm / in)
 C6 Casing Depth to: (m / ft)

C7 Other Comments Regarding Casing:

13" diameter out
24" pull back

Clear Form Print Form

Surface / Environmental Seal (depth below ground surface, please circle appropriate units)

C8 Seal Material Type: Bentonite (L.S. Bentonite)
C9 Diameter of Seal: 10 (cm / in)
C10 Seal Depth from: 10 (m / ft)
C11 Seal Depth to: 10 (m / ft)
C12 Volume Placed: 4 50lbs bags (m³ / ft³)

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

C13 Gravel Pack: YES
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: 4.5 (cm / in)
C15 Screen Material: Stainless Steel
C16 Screen Type: Slotted
C17 Depth from: 147 (m / ft)
C18 Depth to: 147 (m / ft)
Slot Size / Perforation Dia: 40 Thou. / mm / inches
C19 Screen Comments: Bottom of Screen @ 147 42" exposure

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Surge Block, Water Jetting, Air Jetting / Air Lifting, Bailing, Pumping
D2 Well Head Completion: Well House, Pitless Adaptor, Well Pit (NOT PERMITTED), None
D3 Well Head Stick-up: 19" above
D4 Static Water Level: 2.5 (m / ft)
D5 Well Yield Estimate: 10.5 (Lps / gpm)
D6 Final Well Status: Water Supply (In use), Stand by (Back-up), Observation
D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? YES
D8 Method Used to Estimate Well Yield: Air Lifting, Bailing, Pumping Test

PUMPING TEST RECORD AND GROUNDWATER QUALITY

E1 Pumping Test Information
Pumping Test Start Date:
Static Water Level (SWL):
Pump Intake Set at:
Duration of pumping:
Final Water Level (FWL) at end of Pumping Test:

F1 Well Water Level Drawdown/Recovery DATA

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

G1 GROUNDWATER QUALITY

Field Data: Date Measurements Taken, Electrical Conductivity, pH, Temperature
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
Briefly describe method of well disinfection.

Bacteria Testing: Was a sample taken? YES
Date Sample Taken:
Chemical Analysis of Water: Was a sample taken? YES
Date Sample Taken:

Clear Form Print Form

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: Parkway Water
H2 Name of Driller(s):
H3 Address of Driller: Whitehorse, YT

CONSULTANT (If applicable)

I1 Company Name:
I2 Company Address:
I3 Report Reference:
I4 Report Date:

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 2C8

Personal information contained on this form is collected under the authority of the Access to Information and Protection of Privacy (ATIP/PA) 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