



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

WATER WELL DRILLERS FORM

Well Record Page 1 of 2

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. Questions can be directed to Water Resources at 867 887-3171.

- 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: MARK Last Name: SHAW Company / Department / Organization: COMMUNITY CENTRE

A3 Street Address of Well Location:

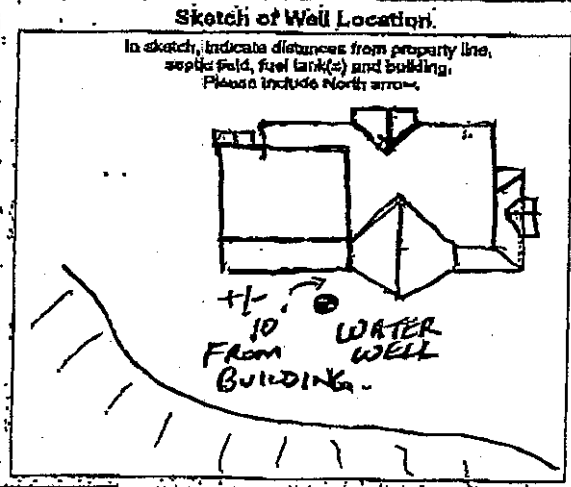
A4 Town/Village/Area/Lot#:

A5 UTM Coordinates (using numerical GPS): NAD Zone:

A6 Elevation of Top of Casing: m / ft ASL

A7 Accuracy of GPS: +/- m / ft

A8 Purpose of Well:
 Domestic Street Water Irrigation Environmental (Quality)
 Commercial Municipal Observation / Water Level Other (please identify well)
 Industrial Agricultural Public/Recreational



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

| EXAMPLE ONLY | | CLAY, SILT, SAND, GRAVEL COBBLES, BOULDERS, BEDROCK | MOISTURE: dry / moist / saturated (wet) HARDNESS: soft / hard / very hard |
|----------------|--------------|--|--|
| Depth (m / ft) | Color | Material | Description |
| 0 - 10 | BROWN | SAND | soft and saturated |
| 10 - 15 | GRAY | GLACIAL FILL | FOZEN |
| 15 - 108 | GRAY & BLACK | SAND | |
| 108 - 108.5 | | COARSE GRAVEL | WATER BEARING |

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

WELL CONSTRUCTION (Continues on Page 2)

C1 Drilling Method: Air Rotary (Conventional) Dug Other (please specify)
 Reverse Air Rotary Cable Tool Mud Rotary Auger (Hollow / Solid Stem)

C2 Well Type: OVERBURDEN BEDROCK In what geological material is the water producing zone located?

C3 Casing Diameter: 6.625 (cm / in) C4 Casing Material: Steel Plastic Other

C5 Casing Well Thickness: 1.98 (cm / in) C6 Casing Depth to: 108.5 (m / ft) C7 Other Comments Regarding Casing: 2' LONG CUT OFF

WELL CONSTRUCTION (Continued from Page 1)

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

C8 Seal Material Type: C9 Diameter of Seat: (cm / in) C10 Seal Depth from: (m / ft) C11 Seal Depth to: (m / ft) C12 Volume Placed: (m³ / ft³)

Travel 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: C15 Screen Type: Continuous Vibs Wrap Ladder Screen Perforated Slotted Open Hole C17 Depth from: (m / ft) C18 Depth to: (m / ft) Slot Size / Perforation Dia: (mm / inches) Screen 1: (m / ft) Screen 2: (m / ft) Screen 3: (m / ft) C19 Screen Comments:

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Surge Block Water Jetted Air Jetting / Air Blowing Bailing Pumping Other: D2 Well Head Completion: Well House Wellhead Adaptor Well Pit (recommended) None (well not completed) D3 Well Head Stick-up: (m / ft) (Use negative if below grade) D4 Static Water Level: (m / ft) (Use negative if below grade) D5 Well Yield Estimate: (liters / gpm) D6 Final Well Status: Water Supply (in use) Not in use Stand by (Back-up) Disposed Abandoned Dry Observation Other: D7 Well Abandonment Status: Was the well properly decommissioned with suitable grout? YES NO D8 Method Used to Estimate Well Yield: Air Lifting Bailing Pumping Test (All test conditions suitable for estimating well capacity)

PUMPING TEST RECORD AND GROUNDWATER QUALITY

(All depths below ground, circle appropriate units)

E4 Pumping Test Information

Pumping Test Start Date: Static Water Level (SWL): (m / ft) Pumping Rate Start: (liters / gpm) 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: (liters / gpm) If flowing, provide rate: (liters / gpm)

0 Draw Down

E5 GROUNDWATER QUALITY

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

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: CHLORINE AND NOTED 95%

E6 Well Water Level Drawdown/Recovery DATA

| Time (min) | Water Level (m / ft) | Time (min) | Water Level (m / ft) |
|------------|----------------------|------------|----------------------|
| 0 (SWL) | 0 (FWL) | 0 (FWL) | 0 (FWL) |
| 1 | 40 | 1 | 40 |
| 2 | | 2 | |
| 3 | | 3 | |
| 4 | | 4 | |
| 5 | | 5 | |
| 10 | | 10 | |
| 15 | | 15 | |
| 20 | | 20 | |
| 25 | | 25 | |
| 30 | | 30 | |
| 40 | | 40 | |
| 50 | | 50 | |
| 60 | | 60 | |

Bacteria Testing

Was a sample taken? YES NO Date Sample Taken: If yes, indicate the name of the laboratory:

Chemical Analysis of Water

Was a sample taken? YES NO Date Sample Taken: If yes, indicate the name of the laboratory:

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: H2 Name of Driller(s): H3 Address of Driller: Signature of Primary Driller: Date Submitted to Dept. Of Environment:

CONSULTANT (if applicable)

H1 Company Name: H2 Company Address: H3 Report Reference: H4 Report Date:

ADDITIONAL INSTRUCTIONS

Upon completing this form, please mail or fax it to:

Water Resources Section (N-310), Department of Environment, Government of Yukon Box 2703, Whitehorse, Yukon, Canada Y1A 2C8

Please feel free to contact us at: Phone: (867) 667-3417; Toll free (in Yukon): (1-800) 661-0408, local 3171 Fax: (867) 667-3195 E-mail: Water.Resources@gov.yk.ca