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

Well ID: 204140384
To be assigned by Dept. Of Environment

Well Record Page 1 of 2
WATER WELL
DRILLERS FORM

Metric Imperial (checked)

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: Grizzly Valley Optional (i.e. City Well No. 2)

A2 Drilled For: [Redacted] Company / Department / Organization: YIG

A3 Street Address of Well Location: GRIZZLY VALLEY

A4 Town / Village / Area / Lot #: [Redacted]

A5 UTM Coordinates (using handheld GPS): NAD 83 Zone N
0487803 Easting 6768194 Northing

A6 Elevation of Top of Casing: 741 m (m) ft ASL

A7 Accuracy of GPS: 10 m +/- (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)

Table with columns: Depth (m), B2 From, B3 To, B4 General Colour, B5 Most Common Material, B6 Secondary Materials, B7 General Description. Includes handwritten data for soil layers.

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed: 2012 08 31

C1 Drilling Method: Air Rotary (Conventional) Dug Other Reverse Air Rotary Cable Tool Mud Rotary Auger (Hollow / Solid Stem) C2 Well Type: OVERBURDEN BEDROCK

C3 Outside Diameter: 62.5 (cm) C4 Casing Material: Steel Plastic Other C5 Casing Wall Thickness: 2.50 (cm/in) C6 Casing Depth to: 41 (m) C7 Other Comments Regarding Casing:

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

C8 Seal Material Type: 310 BENTONITE (i.e. Bentonite)
C9 Diameter of Seal: 4 (cm / in)
C10 Seal Depth from: 0 (m / ft)
C11 Seal Depth to: 20 (m / ft)
C12 Volume Placed: (m³ / ft³)

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

C13 Gravel Pack: NO (checked) If yes, Indicated depth (m / ft):
Material type: (i.e. silica)

Well Screen Information (depth below ground surface, please circle appropriate units)

C14 Outside Diameter: 4.94 (cm / in)
C15 Screen Material: Stainless Steel (checked)
C16 Screen Type: Perforated (checked)
C17 Depth from: 1.35 (m / ft)
C18 Depth to: 3.35 (m / ft)
Slot Size / Perforation Dia: 0.20 (mm / inches)
C19 Screen Comments: 6" THREADED CAP BOTTOM

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Air Jetting / Air Lifting (checked)
D2 Well Head Completion: Well Pit (NOT PERMITTED) (checked)
D3 Well Head Stick-up: 2 (m / ft)
D4 Static Water Level: 24.24 (m / ft)
D5 Well Yield Estimate: 20 (Lps / gpm)
D6 Well Status: Not in use (checked)
D7 Well Abandonment Status: YES (checked)
D8 Method Used to Estimate Well Yield: Pumping Test (checked)

PUMPING TEST RECORD AND GROUNDWATER QUALITY

(All depths below ground, circle appropriate units)

E1 Pumping Test Information

Pumping Test Start Date: 2012 09 04
Static Water Level (SWL): 24 (m / ft)
Pump Intake Set at: 29.4 (m / ft)
Duration of pumping: 48 hrs 240 min STEP TEST

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 4 columns: Time (min), Water Level (m/ft) Drawdown, Time (min), Water Level (m/ft) Recovery. Data points from 0 to 60 minutes.

Final Water Level (FWL) at end of Pumping Test: 29.30 (m / ft)

G1 GROUNDWATER QUALITY

Field Data: Date Measurements Taken: 2012/09/10
Electrical Conductivity: 1803 uS
pH: 7.80
Temperature: 3.0 °C

Turbidity/Sand Content

Clear (checked)
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 (checked) NO

Briefly describe method of well disinfection.

Bacteria Testing

Was a sample taken? YES (checked) NO
Date Sample Taken: 2012/09/06 Env. Health

Chemical Analysis of Water

Was a sample taken? YES (checked) NO
Date Sample Taken: 2012/09/06 EXOVA

Clear Form

Print Form

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: [Signature]
H2 Name of Driller(s): [Signature]
H3 Address of Driller: [Address]
Signature of Primary Driller

CONSULTANT (If applicable)

1 Company Name: EPA ENGINEERING
2 Company Address:
3 Report Reference:
4 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 2C6

Please feel free to contact us at: Phone: (867) 667-3171, Toll free (in Yukon): (1-800) 661-0408, local 3171

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