

SCHEDULE "H"
REGIONAL DISTRICT OF EAST KOOTENAY
PUMPING TEST & RECOVERY INFORMATION

Owner: Ken & Catherine Fryatt Flow Test: Columbia Valley H₂O Well & Pump Service Ltd.
 Legal Descriptor: Lot A ID-26213 Well Driller: Owen's Drilling

Pumping Rate: 5 **US** / Imp. Gal (circle one) Date: 26-Nov-08

Well No. 56.39 Static Water Level: 48.43 meters Length of Pipe Above Ground: 18"
 Meters

CLOCK TIME	ELAPSED TIME (MIN)	DEPTH TO WATER BELOW PIPE (meters)	DRAWDOWN BELOW WATER LEVEL (meters)	STATIC LEVEL	REMARKS PROBLEMS DATES, ETC.
8:20:00 AM	0	48.430	0		Start
8:20:30 AM	30 sec	48.732	0.30		
8:21:00 AM	1 min	48.689	0.26		
8:22:00 AM	2 min	48.635	0.20		
8:23:00 AM	3 min	48.628	0.20		
8:24:00 AM	4 min	48.619	0.19		
8:25:00 AM	5 min	48.619	0.19		
8:30:00 AM	10 min	48.613	0.18		
8:35:00 AM	15 min	48.616	0.19		
8:40:00 AM	20 min	48.616	0.19		
8:50:00 AM	30 min	48.610	0.18		
9:05:00 AM	45 min	48.616	0.19		
9:20:00 AM	60 min	48.619	0.19		
9:50:00 AM	90 min	48.622	0.19		
10:20:00 AM	120 min	48.625	0.20		
RECOVERY					
10:20:00 AM	Shut Pump Off	48.625	0.20		Pump Off
10:20:30 AM	30 sec	48.449	0.02		
10:21:00 AM	1 min	48.443	0.01		
10:22:00 AM	2 min	48.433	0.00		
10:23:00 AM	3 min	48.430	0.00		
10:24:00 AM	4 min	48.430	0.00		
10:25:00 AM	5 min	48.427	0.00		

* Must monitor well until level has recovered to at least 95%



3851B - 21 Street N.E.
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Columbia Valley H₂O Well & Pump

Box 895
 Invermere, BC V0A 1K0

Phone: (250) 342-9466

Fax: (250) 342-9466

Email:

Lab Number: 61977

PO Number:

Attention: Don Stober
 Client ID: Fryatt
 Location: ID 26213
 Legal:

Sampled By:
 Date Sampled:
 Date Received: 11/27/2008
 Date Reported: 12/2/2008

Analyte	Units	Result	Canadian Drinking Water Guideline Maximum
Calcium	mg/L	72.5	No Guideline
Iron	mg/L	< 0.03	0.3
Magnesium	mg/L	25.0	No Guideline
Manganese	mg/L	< 0.01	0.05
Potassium	mg/L	1.1	No Guideline
Sodium	mg/L	4	200
Bicarbonates	mg/L	247	No Guideline
Bromides	mg/L	< 0.1	No Guideline
Carbonates	mg/L	0	No Guideline
Chlorides	mg/L	1.6	250
Fluorides	mg/L	0.14	1.5
Nitrates as N	mg/L	0.1	10
Nitrites as N	mg/L	< 0.02	1
NO ₃ + NO ₂ as N	mg/L	0.1	No Guideline
Sulfates	mg/L	99	500

Parameter	Units	Result	Canadian Drinking Water Guideline Maximum
Electrical Conductivity	µS/cm	561	No Guideline
pH	pH	8.10	6.5 - 8.5
Hardness (as CaCO ₃)	mg/L	284	No Guideline
Total Alkalinity (as CaCO ₃)	mg/L	203	No Guideline
P-Alkalinity (as CaCO ₃)	mg/L	0	No Guideline
Hydroxide (as CaCO ₃)	mg/L	0	No Guideline
Total Dissolved Solids	mg/L	325	500
Color	TCU	< 5	15
Turbidity	NTU	4.1	1

Microbiology	Units	Result	Canadian Drinking Water Guideline Maximum
Total Coliform	CFU/100 mL	0	Zero
Escherichia Coliform	CFU/100 mL	0	Zero

Sum of Cations	5.88	TDS / EC Ratio	0.58
Sum of Anions	6.19	SAR	0.10
Ion Balance	0.95	Saturation Index	0.8



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Trace Metals	Units	Result	Canadian Drinking Water Guideline Maximum
Boron	µg/L	11.0	5000
Aluminum	µg/L	665	100
Chromium	µg/L	1.3	50
Copper	µg/L	1.5	1000
Zinc	µg/L	36.5	5000
Arsenic	µg/L	0.1	10
Selenium	µg/L	0.1	10
Cadmium	µg/L	< 0.05	5
Antimony	µg/L	< 0.3	6
Barium	µg/L	41.1	1000
Mercury	µg/L	< 0.05	1
Lead	µg/L	0.1	10
Uranium	µg/L	0.9	20

Certified By: 

Accredited by CALA to ISO/IEC 17025 for specific tests.

SAR = Sodium Adsorption Ratio, TNTC = Too Numerous To Count (>200 colonies), < denotes less than detection limit

The results above are related only to the items analyzed. Total Dissolved Solids is determined by calculation.