

Company:

Certificate of Potability

Norwest Labs #104, 19575-55 A Ave. Surrey, BC. V3S 8P8 Phone: (604) 514-3322 Fax: (604) 514-3323

Bill to: Discovery Islands Water Quality Services	ID: Lot #6 - Well # 11317	Lat #6 \\\\alpha\1 # 11217	NWL Lot ID:	406992
Report to: Discovery Islands Water Quality		Lot #0 - Well # 11517	Control Number:	
Services			Date Received:	Sep 08, 2005
Box 180	Location:		Date Reported:	Sep 14, 2005
Quathiaski Cove, BC, Canada	LSD:		Report Number:	744265
VOP 1N0	P.O.:			
Attn: Paul Flemming Sampled By:	Acct. Code:			

Page: 1 of 1

Sample Description: Well Head / Sisken Lane, Cortex Island / Lot #6 - Well #11317

The above mentioned water sample number **406992** - 1 supplied by **Discovery Islands Water Quality Services** meets the chemical and bacteriological requirements specified by the Oct. 19th 2004 Guidelines for Canadian Drinking Water Quality for the constituents tested.

Comments:

Approved by:

C William Warning

Bill Warning, B.Sc. Lab Operations Manager

Note:

All reports are the confidential property of our clients. Publication of statements, conclusions or extracts from or regarding our report is not permitted without our written approval. Any liability attached thereto is limited to the fee charged.



Report Transmission Cover Page

Norwest Labs #104, 19575-55 A Ave. Surrey, BC. V3S 8P8 Phone: (604) 514-3322 Fax: (604) 514-3323

Bill to: Discovery Islands Water Quality	Project		NWL Lot ID:	406992	
Services II Report to: Discovery Islands Water Quality N Services L Box 180	ID: L Name: Location: LSD:	ot #6 - Well # 11317	Control Number: Date Received: Date Reported:	Sep 14, 2005	
V0P 1N0	P.O.:		Report Number:	744203	
Attn: Paul Flemming Sampled By: Company:	Acct. Code:				

Contact	Company	Address	
Paul Flemming	Cash Account	Box 180	
Web		Quathiaski Cove, BC V0P 1N0	
Email Notification		Phone: (250) 830-3744 Fax:	
Copies Delivery Str	ategy <u>Format</u>	Email: thewaterguy@uniserve.com	
1 Post			
1 Email - Sing	le Report PDF		

NOTE: **P** indicates a preliminary report is required

NOTE: A indicates report is delivered using automated delivery

OF PAGES IN THIS TRANSMISSION

Report Transmission Notes

Agreement Notes Lot Notes Sample Notes:

Notes to Clients	
Lot Notes:	
Sample Notes:	
Batch Notes:	
Method Notes:	
Method Result Notes:	

Reports associated with this Lot

Id/Format/Reported Date 744265 Env Guide No Disp Id/Format/Reported Date

Id/Format/Reported Date

Comment:

See Methodology and Notes page of Analytical Report for all comments pertaining to this report.

If this report transmission is not satisfactory, please send report requirements to the address at the top of this page.



Analytical Report

Norwest Labs #104, 19575-55 A Ave. Surrey, BC. V3S 8P8 Phone: (604) 514-3322 Fax: (604) 514-3323

Page: 1 of 3

Bill to: Discovery Islands Water Quality	Project		NWL Lot ID:	406992
Services Report to: Discovery Islands Water Quality Services Box 180 Quathiaski Cove, BC, Canada	ID: Name: Location: LSD:	Lot #6 - Well # 11317	7 Control Number: Date Received: Date Reported: Report Number:	
V0P 1N0 P.O.:				
Attn: Paul Flemming Sampled By: Company:	Acct. Code	:		

		lumber	406992-1			
	Sample Date Sample Description Sample Matrix		Sep 07, 2005	7, 2005 5:00:00PM Head / Sisken Lane, Cortex Island / Lot #6 - ¢11317		
nalyte Ur	nits	Result	Detection Limit	Guideline Limit	Guideline Comments	
letals Extractable						
	g/L	0.028	0.005	0.1	Acceptable	
	g/L	<0.0002	0.0002	0.006	Pass	
-	g/L	0.0005	0.0002	0.025	Pass	
arium Extractable me	g/L	0.005	0.001	1	Pass	
oron Extractable m	g/L	0.004	0.002	5	Pass	
admium Extractable m	g/L	<0.00001	0.00001	0.005	Pass	
hromium Extractable m	g/L	0.0011	0.0005	0.05	Pass	
opper Extractable m	g/L	0.002	0.001	1	Acceptable	
ead Extractable m	g/L	0.001	0.0001	0.01	Pass	
	g/L	<0.0005	0.0005	0.02	Pass	
inc Extractable m	g/L	0.003	0.001	5	Acceptable	
licrobiological Analysis						
otal Coliforms Enzyme Substrate TestMPN/*	100 mL	<1.0	1	<1	Pass	
scherichia coli Enzyme Substrate TestMPN/*	100 mL	<1	1	<1	Pass	
eterotrophic Count - SimPlate MPt erobic	N/mL	<2	2	500	Acceptable	
hysical and Aggregate Properties						
	r units	16	5	15	Above Aesthetic	
urbidity N ⁻		6.2	0.1	5	Above Asethetic	
emperature As Received °	С	6.0	_		n/a	
outine Water						
Н		7.50	-	6.5 - 8.5	Acceptable	
	g/L	10.7	0.4	200	Acceptable	
	g/L	0.66	0.03	0.3	Above Aesthetic	
-	g/L	0.024	0.005	0.05	Acceptable	
	g/L	9.2	0.4	250	Acceptable	
luoride me	g/L	0.06	0.05	1.5	Pass	
	g/L	0.04	0.01	10	Pass	
	g/L	<0.005	0.005	1	Pass	
ulfate (SO4) ma	g/L	2	0.9	500	Acceptable	

Please Note: Related regulatory criteria are provided as a service to clients. Norwest Labs' responsibility is limited to analytical data. We are not responsible for ensuring that listed criteria are current, scientifically valid, appropriate and sufficient for the user of the data.



Analytical Report

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Bill to: Discovery Islands Water Quality	Project	NWL Lot ID: 406992
Services Report to: Discovery Islands Water Quality Services Box 180 Quathiaski Cove, BC, Canada V0P 1N0 Attn: Paul Flemming Sampled By:	ID: Lot #6 - Well # 113 Name: Location: LSD: P.O.: Acct. Code:	Control Number: Date Received: Sep 08, 2005 Date Reported: Sep 14, 2005 Report Number: 744265
Company:		Page: 2 of 3
	NWL Number Sample Date Sample Description	406992-1 Sep 07, 2005 5:00:00PM Well Head / Sisken Lane, Cortex Island / Lot #6 -

		Sample Matrix		Well #11317 Water - Gene			
Analyte		Units	Result	Detection Limit	Guideline Limit	Guideline Comments	
Routine Water -	Continued						
T-Alkalinity	as CaCO3	mg/L	48	5	250-650	Low	
Total Dissolved So	olids	mg/L	66	1	500	Acceptable	
Hardness	as CaCO3	mg/L	40	-		Soft	

Approved by:

William Warning

Bill Warning, B.Sc. Lab Operations Manager

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Methodology and Notes

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Bill to: Discovery Islands Water Quality Services
Report to: Discovery Islands Water Quality
Services
Box 180
Quathiaski Cove, BC, Canada
VOP 1N0
Attn: Paul Flemming
Sampled By:
Company:

Project ID: Lot #6 - Well # 11317 Name: Location: LSD: P.O.: Acct. Code:

NWL Lot ID:406992Control Number:Date Received:Sep 08, 2005Date Reported:Sep 14, 2005Report Number:744265

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Method of Analysis:					
MethodName	Reference		Method	Date Analysis Started	Location
Alkalinity, pH, and EC in water	APHA	*	Electrometric Method, 4500-H+ B	12-Sep-05	Norwest Labs Edmonton
Alkalinity, pH, and EC in water	APHA	*	Titration Method, 2320 B	12-Sep-05	Norwest Labs Edmonton
Anions (Routine) by Ion Chromatography	APHA	*	Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B	13-Sep-05	Norwest Labs Edmonton
Chloride in Water	АРНА	*	Automated Ferricyanide Method, 4500-Cl- E	13-Sep-05	Norwest Labs Edmonton
Colour (Apparent) in water	APHA	*	Visual Comparison Method, 2120 B	13-Sep-05	Norwest Labs Edmonton
E. coli - Colilert	APHA		Enzyme Substrate Test, 9223 B	8-Sep-05	Norwest Labs Surrey
Heterotrophic (Standard) Plate Count (Aerobic SP) - Surrey	APHA		Heterotrophic Plate Count - Pour Plate Method, 9215 B	8-Sep-05	Norwest Labs Surrey
Metals ICP-MS (Extractable) in water	US EPA	*	Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8	13-Sep-05	Norwest Labs Edmonton
Metals Trace (Extractable) in water	АРНА	*	Inductively Coupled Plasma (ICP) Method, 3120 B	13-Sep-05	Norwest Labs Edmonton
Total Coliforms- Colilert	APHA		Enzyme Substrate Test, 9223 B	8-Sep-05	Norwest Labs Surrey
Turbidity in Water	APHA	*	Nephelometric Method, 2130 B	13-Sep-05	Norwest Labs Edmonton
	* Norwe	st metho	d(s) is based on reference method		

References:

APHA US EPA Standard Methods for the Examination of Water and Wastewater US Environmental Protection Agency Test Methods

Comments:

Please direct any inquiries regarding this report to our Client Services group. Results relate only to samples as submitted

The test report shall not be reproduced except in full, without the written approval of the laboratory

COLUMBIA WATER	WELL RECORD Date Date Date
M Z	ELL No ELEV Location Accuracy N Dote 19 Type
Owners Name & Address Renewal Land	Company, Suite 610-220 Caribie
Legal Description & Address	
Descriptive Location Lot #6	Well 157.
I. TYPE 1) New Well 2 Recondition OF WORK 3 Deepened 4 Abandoned	Materials 4 Plastic 5 Concrete
2. WORK METHOD 1 Cable tool 2 Bored 3 Jett METHOD 0 Other	verse Hole in
3. WATER 1 Domestic 2 Municipal 3 Irrig WELL USE4 Comm. & Ind. Other	f_{1}
4. DRILLING ADDITIVES ,	Thickness 219 in
5. MEASUREMENTS from 1 1 ground level 2 1 top of	Weight Ib/
casing height above ground level_	Pitless unit ft 1 Dobve 2 below ground level 1 1 New 2 Cemented 3 Threaded 1 New 2 Usc SWL Perforations: SWL SWL
0 3 Cobbley brown Selly	
Sand.	5/// <u>5/// 5/// 5/// 5/// 5/// 5/// 5//</u>
2 07 Grey Cobbley Sillip 1:11	
To meducin ordered san	
- glailed	Moterial 1 & Stainless Steel 12 Plastic Other
101 112 Prey Silty Sand Ston Mederet Grained	(1) RISER, SCREEN & BLANKS uni
112/17 Crey Silly Sand,	Length + 16" ft Diam. 10 in
117 153 Chey fine grained Sill	Slot Size Ott
Sand'. U	
to coarse ordered	Fittings, top K-packer bottom blank Gravel Pack
157 190 Tan Sand & gravel	II. DEVELOPED BY: 1 🗆 Surging 2 🗆 Jetting 3 🗋 Air 4 🗆 Bailing 5 🗖 Pumping 💭 Other
190 Dio Tan medium grained	I2. TEST 1 [] Pump 2 [] Bail 3 [] Air Date []
\$10 Plu Grey medium channed	Rate USapm Temp OC SWI before test
* Sand, water bedring	I DRAWDOWN in ft I RECOVERY in ft mins WL mins WL mins WL
· · · · · · · · · · · · · · · · · · ·	
WATER QUALITY & QUANTITY	
NOT GUARANTEED BY	RECOMMENDED PUMP TYPE RECOMMENDED PUMP SETTING RECOMMENDED PUMPING F
THE CONTRACTOR	I4.WATER TYPE: 1 X fresh 2 Isalty 3 X clear 4 Iclou
	coloursmell; gas 1 🗆 yes 2 沟 r
7. CONSULTANT	15. WATER ANALYSIS: 1 Hardness mg 2 Iron mg/L 3 Chloride mg/L
Address 8.WELL LOCATION SKETCH	4 pH
	INAL WELL COMPLETION DATA
	INAL WELL COMPLETION DATA
S S	totic Water Level, 208 ft Artesian US and Head
B	ack filled Nature material Beneed Class ell Head Completion Surface Seal and well 1
	Pap.
	RILLER PARKERYANAME ROBERTIII
	Signatur RED WILLIAMS WELL DRILLING LTT ONTRACTOR,
	ddress 980 PRATT ROAD
	QUALICUM BEACH, BC
	Member, BCGWA Qyes Ono ; - V9K-1W5
The Province of British Columb	Ha accepts no responsibility for the contents or accuracy of this record.

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