



Siskin Lane

Lot 3
Water Testing Results
And
Well Log

Certificate of Potability and Water Report

As outlined in the *Canadian Safe Drinking Water Guidelines*

April 2006



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 Services
Report to: Discovery Islands Water Quality Services
Box 180
Quathiaski Cove, BC, Canada
V0P 1N0
Attn: Paul Flemming
Sampled By:
Company:

Project ID: Lot# 3 - Well Head
Name:
Location: Well # 11345 Siskinlane, Cortez Island
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 406646
Control Number:
Date Received: Sep 07, 2005
Date Reported: Sep 12, 2005
Report Number: 743570

Contact	Company	Address									
Paul Flemming Web Email Notification	Cash Account	Box 180 Quathiaski Cove, BC V0P 1N0 Phone: (250) 830-3744 Email: thewaterguy@uniserve.com									
<table border="1"> <thead> <tr> <th>Copies</th> <th>Delivery Strategy</th> <th>Format</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Post</td> <td></td> </tr> <tr> <td>1</td> <td>Email - Single Report</td> <td>PDF</td> </tr> </tbody> </table>		Copies	Delivery Strategy	Format	1	Post		1	Email - Single Report	PDF	Fax:
Copies	Delivery Strategy	Format									
1	Post										
1	Email - Single Report	PDF									

NOTE: **P** indicates a preliminary report is required
NOTE: **A** indicates report is delivered using automated delivery

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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

Id/Format/Reported Date

Id/Format/Reported Date

743570 Env Guide No Disp

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.

9/13/05 743570 13-Sep-2005



Analytical Report

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NWL Number: 406646-1
 Sample Date: Sep 06, 2005 4:30:00PM
 Sample Description: Well # 11345 Siskinlane, Cortez Island / Lot# 3 - Well Head
 Sample Matrix: Water - General

Analyte	Units	Result	Detection Limit	Guideline Limit	Guideline Comments
Metals Extractable					
Aluminum	Extractable mg/L	0.010	0.005	0.1	Acceptable
Antimony	Extractable mg/L	<0.0002	0.0002	0.006	Pass
Arsenic	Extractable mg/L	0.0006	0.0002	0.025	Pass
Barium	Extractable mg/L	0.004	0.001	1	Pass
Boron	Extractable mg/L	0.006	0.002	5	Pass
Cadmium	Extractable mg/L	<0.00001	0.00001	0.005	Pass
Chromium	Extractable mg/L	0.0007	0.0005	0.05	Pass
Copper	Extractable mg/L	0.002	0.001	1	Acceptable
Lead	Extractable mg/L	0.0003	0.0001	0.01	Pass
Uranium	Extractable mg/L	<0.0005	0.0005	0.02	Pass
Zinc	Extractable mg/L	0.005	0.001	5	Acceptable
Microbiological Analysis					
Total Coliforms	Enzyme Substrate TestMPN/100 mL	<1.0	1	<1	Pass
Escherichia coli	Enzyme Substrate TestMPN/100 mL	<1	1	<1	Pass
Heterotrophic Count - Aerobic	SimPlate MPN/mL	<2	2	500	Acceptable
Physical and Aggregate Properties					
Colour	Apparent, Potable Colour units	5	5	15	Acceptable
Turbidity	NTU	3.0	0.1	5	Acceptable
Temperature	As Received °C	11	-		n/a
Routine Water					
pH		7.89	-	6.5 - 8.5	Acceptable
Sodium	Extractable mg/L	11.7	0.4	200	Acceptable
Iron	Extractable mg/L	0.26	0.03	0.3	Acceptable
Manganese	Extractable mg/L	0.013	0.005	0.05	Acceptable
Chloride	Dissolved mg/L	11.5	0.4	250	Acceptable
Fluoride	mg/L	<0.05	0.05	1.5	Pass
Nitrate - N	mg/L	0.06	0.01	10	Pass
Nitrite - N	mg/L	<0.005	0.005	1	Pass
Sulfate (SO4)	mg/L	1	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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NWL Number 406646-1
Sample Date Sep 06, 2005 4:30:00PM
Sample Description Well # 11345 Siskinlane, Cortez Island / Lot# 3 - Well Head
Sample Matrix Water - General

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 Solids	mg/L	68	1	500	Acceptable
Hardness	as CaCO3	mg/L 37	-		Soft

Approved by: *Bill Warning*
Bill Warning, B.Sc.
Lab Operations Manager



Methodology and Notes

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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	8-Sep-05	Norwest Labs Edmonton
Alkalinity, pH, and EC in water	APHA	* Titration Method, 2320 B	8-Sep-05	Norwest Labs Edmonton
Anions (Routine) by Ion Chromatography	APHA	* Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B	9-Sep-05	Norwest Labs Edmonton
Chloride in Water	APHA	* Automated Ferricyanide Method, 4500-Cl- E	9-Sep-05	Norwest Labs Edmonton
Colour (Apparent) in water	APHA	* Visual Comparison Method, 2120 B	9-Sep-05	Norwest Labs Edmonton
E. coli - Colilert	APHA	Enzyme Substrate Test, 9223 B	7-Sep-05	Norwest Labs Surrey
Heterotrophic (Standard) Plate Count (Aerobic SP) - Surrey	APHA	Heterotrophic Plate Count - Pour Plate Method, 9215 B	7-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	9-Sep-05	Norwest Labs Edmonton
Metals Trace (Extractable) in water	APHA	* Inductively Coupled Plasma (ICP) Method, 3120 B	8-Sep-05	Norwest Labs Edmonton
Total Coliforms- Colilert	APHA	Enzyme Substrate Test, 9223 B	7-Sep-05	Norwest Labs Surrey
Turbidity in Water	APHA	* Nephelometric Method, 2130 B	9-Sep-05	Norwest Labs Edmonton

* Norwest method(s) is based on reference method

References:

APHA Standard Methods for the Examination of Water and Wastewater
 US EPA 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



Certificate of Potability

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Sample Description: Well # 11345 Siskinlane, Cortez Island / Lot# 3 - Well Head

The above mentioned water sample number **406646 - 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:

Bill Warning, B.Sc.
Lab Operations Manager

Note:

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