

Reporting Period	Jan 1, 2017 to Dec 31, 2017		
Water System Name	Blackcomb – Jersey Cream, Glacier Creek, Horstman Horstman Patrol Hut Whistler - CLC, Chic Pea, Roundhouse, Ravens		
Water System Owner	Vail Resorts, Whistler Blackcomb		
Primary Contact Name (Operator or Manager)	NaTai Perdue		
Phone Number (Operator or Manager)	604-905-8409		
Email (Operator or Manager)	nperdue@vailresorts.com		

Describe Your Water Supply System
What is the source(s) of Raw Water?
Deep Well Shallow Well Surface Water Other (specify):
Does The Drinking Water System Have Primary Disinfection? Yes No
Chlorination Ultraviolet light Ozonation Other (specify):
Does The Drinking Water System Have Secondary Disinfection? Yes No
Chlorination; All systems except the Roundhouse system
Ultraviolet light; Only at Horstman Hut and Horstman Patrol Hut
Does The Drinking Water System Have Filtration? ☐ Yes ☒ No Filter Type (check boxes that apply):
Public Reporting
Public Reporting Emergency Response & Contingency Plan (ERCP)
Emergency Response & Contingency Plan (ERCP)
Emergency Response & Contingency Plan (ERCP) Is your ERCP up to date? Yes No
Emergency Response & Contingency Plan (ERCP) Is your ERCP up to date? Yes No How do you inform the users of the ERCP?
Emergency Response & Contingency Plan (ERCP) Is your ERCP up to date? Yes No How do you inform the users of the ERCP? Hand Delivered Bulletin Board Website;
Emergency Response & Contingency Plan (ERCP) Is your ERCP up to date? Yes No How do you inform the users of the ERCP? Hand Delivered Bulletin Board Website; Other; WB Internal Shared File
Emergency Response & Contingency Plan (ERCP) Is your ERCP up to date? Yes No How do you inform the users of the ERCP? Hand Delivered Bulletin Board Website; Other; WB Internal Shared File Drinking Water System Annual Report
Emergency Response & Contingency Plan (ERCP) Is your ERCP up to date? Yes No How do you inform the users of the ERCP? Hand Delivered Bulletin Board Website; Other; WB Internal Shared File Drinking Water System Annual Report How do you inform system users of the Annual Report?



Drinking Water System Annual Report

Compliance with Operating Permit

List the conditions of your Operating Permit (Contact the DWO for a copy if needed):

- Horstman Water Hauling Unit must only be filled from Approved Potable Source(s)
- Review and update the Emergency Response Plan annually
- Monitor for E. Coli and Total Coliform semi-monthly and in accordance with the monitoring plan
- Provide a Well Protection Plan for each source
- Water Hauling limited to Horstman Hut and Patrol Hut on Blackcomb Mountain
- Monitor Cross Connection Control Program for Potable and Non-Potable Water
- Maintain a Free Chlorine Residual throughout the Distribution System

 Maintain a Free Chlorine Residual throughout the Distribution System Provide a Certified Operator; Level I Water Treatment & Level II Water Distribution 						
Are you in compliance with the Operating Permit? X Yes No						
Bacteriolo	Bacteriological Testing Completed During This Reporting Period					
How many b	oacteriologica	samples did y	ou collect? 241			
Bacteriologi	cal summary	ttached to thi	s report. 🛛 Yes 🗌 No			
	-	-	d no more than 10% of san how the presence of E coli.	nples can show the presence of total		
Did your wa	ter system m	et this standa	rd? 🛚 Yes 🗌 No			
If No, compl	lete the table	pelow; Attach	additional sheets if necess	ary.		
Date	T. Coliform	E. Coli #	Reason	Corrective Action		
Ch a i a a l	C		This Demonstrat Deviced			
Chemical	Sampling Cor	pleted During	This Reporting Period			
		npleted During				
Did you con	duct any cher	nical sampling:	⊠ Yes □ No?	inking Water Quality? 🛛 Yes 🗌 No		
Did you con	duct any cher ed water sam	nical sampling: ples meet the	⊠ Yes □ No?	· — —		
Did you con	duct any cher ed water sam I the paramet	nical sampling: ples meet the	∑ Yes	· — —		
Did you con Did all treat	duct any cher ed water sam I the paramet	nical sampling: ples meet the e ers in the table	∑ Yes	al sheets if necessary.		
Did you con Did all treat	duct any cher ed water sam I the paramet ter R	nical sampling: ples meet the e ers in the table	∑ Yes	al sheets if necessary.		
Did you con Did all treate If no, record Parame Additional	duct any cher ed water sam I the paramet ter Ro	nical sampling: ples meet the e ers in the table sult	∑ Yes	al sheets if necessary. ve Action/Treatment		
Did you con Did all treate If no, record Parame Additional Did you com	duct any cher ed water sam I the paramet ter Ro Testing	nical sampling: ples meet the cers in the table sult itional water t	Yes No? Guidelines for Canadian Drebelow: Complete addition Correcti	al sheets if necessary. ve Action/Treatment iod? Yes No		



Promoting welln	eess. Ditsui ing cure.				
Water Quality Complaints					
Did you receive ar	ny water qualit	y complaints in thi	s reporting peri	od? 🗌 Yes 🔀 No	
If yes, complete th	he table below	. Attach additional	sheets if necess	sary.	
Date	Water Qualit (i.e. taste, odo			Corrective Action Taken	
Operational Pro	oblems				
Did you experienc	ce operational	problems during th	nis reporting per	riod? 🗌 Yes 🔀 No	
, ,	•			of disinfection equipment, line breaks,	
elevated turbidity, e	etc,).				
If yes, complete the table below. Attach additional sheets if necessary.					
				saly.	
Incident Date	Туре	of Operational Pr		Corrective Action Taken	
Incident Date	Туре	of Operational Pr			
Incident Date	Туре	of Operational Pr			
Incident Date	Туре	of Operational Pr			
Incident Date Major Upgrades					
Major Upgrades	s/Repairs & Ex	penses	oblem		
Major Upgrades Did you complete	s/Repairs & Ex	penses	najor expenses	in this reporting period? Yes No	
Major Upgrades Did you complete If yes, complete th Major Upgrade	s/Repairs & Ex any upgrades/ he table below es/Expenses	penses repairs and incur i	najor expenses	in this reporting period? Yes No	
Major Upgrades Did you complete If yes, complete th	any upgrades/he table belowes/Expenses required by	penses repairs and incur i	najor expenses	in this reporting period? Yes No	
Major Upgrades Did you complete If yes, complete th Major Upgrade Improvements	any upgrades/he table belowes/Expenses required by	penses /repairs and incur i . Attach additional	major expenses sheets if necess	in this reporting period? Yes No	
Major Upgrades Did you complete If yes, complete th Major Upgrade Improvements DWC	any upgrades/he table below es/Expenses required by Description of new	penses /repairs and incur i . Attach additional	major expenses sheets if necess	in this reporting period? Yes No Sary. Details n/a ntment system c/w 1um filtration for JC Well	
Major Upgrades Did you complete If yes, complete th Major Upgrade Improvements DWC Additions/chang	any upgrades/ he table below es/Expenses required by D ges to system llation of new hent repair or	penses /repairs and incur i . Attach additional	major expenses sheets if necess	in this reporting period? Yes No Sary. Details n/a ntment system c/w 1um filtration for JC Well	



Drinking Water System Annual Report

Specialist report	n/a

Future Improvements

Do you have plans for any future improvements? X Yes No

If yes, complete the table below. Attach additional sheets if necessary.

Future Upgrades or Improvements	Est. date of completion
Add a non-potable supply to the Roundhouse Water system. Potentially add water to Crabapple Snowmaking Pumphouse	Winter 2019, Winter 2018

Date Completed; June 27, 2018

Completed by; NaTai Perdue



WATER FACILITY EVALUATION REPORT Health Protection

Premises Name	Tel: (604) 938-7661	
Blackcomb - Jersey Cream	Fax: (604) 938-7532	
Premises Address	Inspection Date Time Spent	
4545 Blackcomb Way	April 24, 2018 1 hour	
Whistler, BC V0N 1B4		
Operator (Person in Charge)		
Na Tai Perdue		
Inspection Type		
Evaluation		

Observed Violations
There are no observed violations.

Section Details				
	_	_	_	•

Comments

This is a 2017 year end summary inspection report for the Jersey Cream water system on Blackcomb Mountain. This water system services The Rendezvous Restaurant, the Alpine Shop, and is transported to Horstman and Patrol Huts in a permitted water hauling unit. A non-potable water system supplies the toilets in Rendezvous.

The Operating Permit for this Drinking Water system contains the following conditions:

Review and update the Emergency Response Plan annually

Prepare a Cross Connection Control Plan

Provide a free chlorine residual throughout distribution system

Monitor for E. Coli and Total Coliform semi monthly and in accordance with the monitoring plan.

A complete analysis of the well source water was conducted in December 2017. All chemical result are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. The JC well #1 sample from December was positive for low level total coliforms (2 per 100mL).

A 2017 water monitoring plan schedule has been provided. A total of 48 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation.

Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018.

Please update your Emergency Response plan to include the current list of VCH contacts provided with this report.

Our records show that a repair was conducted on the main line from Jersey Cream Well #2 in the fall of 2017.

A construction permit was also issued on Feb 6th 2018 to this water system for the following works, which are scheduled to be completed later this year.

"The addition of water treatment when the backup well JC #1 is used, treatment includes 1 um filtration

Report No. Page 1 of 2

	I SPV-20 UV unit c/w 13.5 gpm flow res anks; peak daily flow is estimated to be		nation and retention in two
Action Taken			
Information Exch	hanged		
	Hazard Rating For Your Facility:	☐ High ☐ Moderate	⊠ Low
DWO			
DWO Printed Name James Whalen			

Report No. Page 2 of 2

Sample Range Report

Vancouver Coastal Health

Facility Name: Blackcomb - Jersey Cream **Date Range:** Jan 1 2017 to Dec 31 2017

Operator Na Tai Perdue

4545 Blackcomb Way Whistler, BC V0N 1B4

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
Blackcomb Alpine Shop, Blackcomb				
<u>Mountain</u>	1 10 100 17			
	1/3/2017	L1	L1	
	1/17/2017	L1	L1	
	1/31/2017	L1	L1	
	2/14/2017	L1	L1	
	2/28/2017	L1	L1	
	3/15/2017	L1	L1	
	3/28/2017	L1	L1	
	4/11/2017	L1	L1	
	4/25/2017	L1	L1	
	5/9/2017	L1 L1	L1 L1	
	5/23/2017	L1 L1	L1 L1	
	6/6/2017 7/5/2017	L1 L1	L1 L1	
	7/3/2017	L1 L1	L1 L1	
	7/18/2017	L1 L1	L1 L1	
	8/15/2017	L1 L1	L1 L1	
	8/29/2017	L1 L1	L1	
	9/12/2017	L1 L1	L1	
	9/25/2017	L1	L1	
	10/11/2017	L1	L1	
	11/20/2017	T	LI	
	12/4/2017	L L 1	L1	
	12/18/2017	<u>L1</u>	<u>L1</u>	
	Total Positive :	0	0	
Rendevous				
Restaurant,				
Blackcomb Mountain				
	1/3/2017	L1	L1	
	1/17/2017	L1	L1	
	1/31/2017	L1	L1	
	2/14/2017	L1	 L1	
	2/28/2017	L1	L1	
	3/15/2017	L1	L1	
	3/28/2017	L1	L1	
	4/11/2017	L1	L1	
	4/25/2017	L1	L1	

5/9/2017	L1	L1
6/6/2017	L1	L1
6/20/2017	L1	L1
6/20/2017	L1	L1
7/5/2017	L1	L1
7/18/2017	L1	L1
7/31/2017	L1	L1
8/15/2017	L1	L1
8/29/2017	L1	L1
9/12/2017	L1	L1
9/25/2017	L1	L1
10/11/2017	L1	L1
10/25/2017	L1	L1
11/20/2017	T	
12/4/2017	L1	L1
12/18/2017	<u>L1</u>	<u>L1</u>
Total Positive:	0	0

Result Values:	E - estimated	l	L - less than	G - greater than	
Samples that contain Samples that contain	n e. coli:	0		0.00% of total 0.00% of total	
Samples that contain Number of consecution contain total coliform	ve samples that	0		0.00% of total	
Number of samples to coliform in last 30 da		0/0			
Total number of sam	ples:	48			

Comments:

Environmental Health Officer Apr 24 2018

FOR FURTHER INFORMATION PLEASE CALL: James Whalen (604) 932-3202

Exova #104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Report Transmission Cover Page

Bill To: Whistler Blackcomb Holdings Inc. Project ID: Lot ID: 1242570

4545 Blackcomb Way Project Name: JC Well # 1 Control Number:

Whistler, BC, CanadaProject Location:Date Received:Dec 1, 2017V0N 1B4LSD:Date Reported:Dec 6, 2017Accounts PayableP.O.:683957Report Number:2248022

Sampled By: Proj. Acct. code:

Company:

Attn:

Contact	Company	Address
Accounts Payable	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way
	Whistler & Blackcomb Mountain Resort Ltd.	Will de Boyon (B)
		Whistler, BC V0N 1B4
		Phone: (604) 932-3141 Fax: (604) 932-0416
		Email: apinvoice@vailresorts.com
Delivery	<u>Format</u>	<u>Deliverables</u>
Email - Single Report	PDF	Invoice
NaTai Perdue	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way
	Whistler & Blackcomb Mountain Resort Ltd.	
		Whistler, BC V0N 1B4
		Phone: (604) 938-7593 Fax: (604) 938-7532
		Email: nperdue@vailresorts.com
Delivery	<u>Format</u>	<u>Deliverables</u>
Email - Single Report	PDF	COA
Email - Single Report	PDF	Invoice
Email - Single Report	PDF	Test Report

Notes To Clients:

• Dec 06, 2017 - The Total Coliforms result in sample 1242570-1 exceeded the maximum acceptable concentration (MAC) as specified by the February 2017 Guidelines for Canadian Drinking Water Quality.

The information contained on this and all other pages transmitted, is intended for the addressee only and is considered confidential.

If the reader is not the intended recipient, you are hereby notified that any use, dissemination, distribution or copy of this transmission is strictly prohibited.

If you receive this transmission by error, or if this transmission is not satisfactory, please notify us by telephone.

Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

4545 Blackcomb Way Project Name:

Whistler, BC, Canada Project Location:

V0N 1B4 LSD:

Attn: Accounts Payable P.O.:

Sampled By: Proj. Acct. code:

Company:

Lot ID: 1242570 JC Well #1

Control Number:

Dec 1, 2017 Date Received: Date Reported: Dec 6, 2017

Report Number: 2248022

Reference Number 1242570-1

Sample Date November 30, 2017

683957

Sample Time 17:00

Sample Location

Sample Description JC Well # 1 / 5.0 °C Sample Matrix **Drinking Water**

		Sample Matrix	Dilliking water			
Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Metals Extractable						
Aluminum	Extractable	mg/L	0.003	0.001	0.1	Below OG
Antimony	Extractable	mg/L	< 0.00002	0.00002	0.006	Below MAC
Arsenic	Extractable	mg/L	< 0.0001	0.0001	0.010	Below MAC
Barium	Extractable	mg/L	0.0016	0.0001	1	Below MAC
Boron	Extractable	mg/L	< 0.002	0.002	5	Below MAC
Cadmium	Extractable	mg/L	<0.0001	0.00001	0.005	Below MAC
Chromium	Extractable	mg/L	0.00007	0.00005	0.05	Below MAC
Copper	Extractable	mg/L	< 0.0005	0.0005	1.0	Below AO
Lead	Extractable	mg/L	<0.00001	0.00001	0.01	Below MAC
Selenium	Extractable	mg/L	< 0.0002	0.0002	0.05	Below MAC
Uranium	Extractable	mg/L	<0.00001	0.00001	0.02	Below MAC
Vanadium	Extractable	mg/L	0.00007	0.00005		
Zinc	Extractable	mg/L	0.0694	0.0005	5.0	Below AO
Microbiological Analysi	S	· ·				
Total Coliforms	Enzyme Substrate Test	MPN/100 mL	2.0	1.0	0 per 100 mL	Above MAC
Escherichia coli	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Physical and Aggregate	Properties					
Colour	True	Colour units	<5	5		
Turbidity		NTU	0.20	0.05		
Routine Water						
pH - Holding Time			Exceeded			
рН	at 25 °C		7.25		7.0-10.5	Within Range
Electrical Conductivity		μS/cm at 25 °C	29	1		
Calcium	Extractable	mg/L	4.7	0.01		
Iron	Extractable	mg/L	0.009	0.004	0.3	Below AO
Magnesium	Extractable	mg/L	0.13	0.02		
Manganese	Extractable	mg/L	0.002	0.001	0.05	Below AO
Potassium	Extractable	mg/L	0.11	0.04		
Silicon	Extractable	mg/L	1.7	0.005		
Sodium	Extractable	mg/L	0.7	0.1	200	Below AO
T-Alkalinity	as CaCO3	mg/L	13	5		
Chloride	Dissolved	mg/L	0.22	0.05	250	Below AO
Fluoride	Dissolved	mg/L	<0.01	0.01	1.5	Below MAC
Nitrate - N	Dissolved	mg/L	0.11	0.01	10	Below MAC
Nitrite - N	Dissolved	mg/L	<0.01	0.01	1	Below MAC
Sulfate (SO4)	Dissolved	mg/L	0.6	0.1	500	Below AO
Hardness	as CaCO3 (extractable)	mg/L	12	1		

Terms and Conditions: https://www.exova.com/media/1232/exova-canada-inc-standard-conditions-of-contract-short-form.pdf

#104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Lot ID: 1242570

Date Reported:

Dec 1, 2017

Dec 6, 2017

Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

4545 Blackcomb Way Project Name: JC Well #1

Control Number: Project Location: Whistler, BC, Canada Date Received:

V0N 1B4 LSD:

Attn: Accounts Payable P.O.: 683957 Report Number: 2248022

Sampled By: Proj. Acct. code:

Company:

Reference Number 1242570-1

> Sample Date November 30, 2017

Sample Time 17:00

Sample Location

JC Well # 1 / 5.0 °C **Sample Description**

> Sample Matrix **Drinking Water**

Nominal Detection Guideline Guideline Limit Limit Comments **Analyte** Units Result **Routine Water - Continued Total Dissolved Solids** Extractable 19 1 mg/L

Approved by:

Mathieu Simoneau

Mothis

Page 3 of 3 **EXOVA**

1242570

Lot ID:

Methodology and Notes

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

4545 Blackcomb Way Project Name: JC Well # 1 Control Number:

Whistler, BC, CanadaProject Location:Date Received:Dec 1, 2017V0N 1B4LSD:Date Reported:Dec 6, 2017Accounts PayableP.O.:683957Report Number:2248022

Sampled By: Proj. Acct. code:

Company:

Attn:

Method of Analysis				
Method Name	Reference	Method	Date Analysis Started	Location
Alk, pH, EC, Turb in water (Surrey)	APHA	* Alkalinity - Titration Method, 2320 B	Dec 2, 2017	Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* Conductivity, 2510 B	Dec 2, 2017	Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* pH - Electrometric Method, 4500-H+ B	Dec 2, 2017	Exova Surrey
Anions by IEC in water (Surrey)	АРНА	 * Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B 	Dec 1, 2017	Exova Surrey
Metals SemiTrace (Extractable) in water (Surrey)	US EPA	 Metals & Trace Elements by ICP-AES, 6010C 	Dec 1, 2017	Exova Surrey
Total and E-Coli - Colilert - DW (Surrey)	АРНА	Enzyme Substrate Test, APHA 9223 B	Dec 1, 2017	Exova Surrey
Trace Metals (extractable) in Water (Surrey)	US EPA	 Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8 	Dec 1, 2017	Exova Surrey
True Color in water (Surrey)	АРНА	 * Spectrophotometric - Single Wavelength Method, 2120 C 	Dec 2, 2017	Exova Surrey
Turbidity - Water (Surrey)	АРНА	* Turbidity - Nephelometric Method, 2130 E	Dec 1, 2017	Exova Surrey

^{*} Reference Method Modified

References

APHA Standard Methods for the Examination of Water and Wastewater

US EPA US Environmental Protection Agency Test Methods

Guidelines

Guideline Description Health Canada GCDWQ

Guideline Source Guidelines for Canadian Drinking Water Quality, Health Canada, February 2017

Guideline Comments MAC = Maximum Acceptable Concentration

AO = Aesthetic Objective

OG = Operational Guideline for Water Treatment Plants

Refer to Health Canada GCDWQ for complete guidelines and additional drinking water information at www.hc-sc.gc.ca

Comments:

 Dec 06, 2017 - The Total Coliforms result in sample 1242570-1 exceeded the maximum acceptable concentration (MAC) as specified by the February 2017 Guidelines for Canadian Drinking Water Quality.

The comparison of test results to guideline limits is provided for information purposes only. This is not to be taken as a statement of conformance / nonconformance to any guideline, regulation or limit. The data user is responsible for all conclusions drawn with respect to the data and is advised to consult official regulatory references when evaluating compliance.

Please direct any inquiries regarding this report to our Client Services Group or to the Operations Manager at the coordinates indicated at the top left of this page.

Results relate only to samples as submitted.

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

Exova #104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Report Transmission Cover Page

Bill To: Whistler Blackcomb Holdings Inc. Project ID: Lot ID: 1242567

4545 Blackcomb Way Project Name: JC Well # 2 Control Number:

Whistler, BC, Canada Project Location: Date Received: Dec 1, 2017 VON 1B4 LSD: Date Reported: Dec 6, 2017

Attn: Accounts Payable P.O.: 683957 Report Number: 2248020

Sampled By: Proj. Acct. code:

Company:

Contact	Company	Address			
Accounts Payable	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way		_	
	Whistler & Blackcomb Mountain Resort Ltd.	Whistler, BC V0N 1B4	5	(004) 000 0440	
		Phone: (604) 932-3141 Email: apinvoice@vailresorts.com	Fax:	(604) 932-0416	
<u>Delivery</u>	<u>Format</u>	<u>Deliverables</u>			
Email - Single Report	PDF	Invoice			
NaTai Perdue	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way			
	Whistler & Blackcomb Mountain Resort Ltd.	M/highlan DO VON 4D4			
		Whistler, BC V0N 1B4	_		
		Phone: (604) 938-7593	Fax:	(604) 938-7532	
		Email: nperdue@vailresorts.com			
Delivery	<u>Format</u>	<u>Deliverables</u>			
Email - Single Report	PDF	COA			
Email - Single Report	PDF	Invoice			
Email - Single Report	PDF	Test Report			

Notes To Clients:

• Dec 06, 2017 - The analysis of water sample 1242567-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the February 2017 Guidelines for Canadian Drinking Water Quality for the parameters tested.

The information contained on this and all other pages transmitted, is intended for the addressee only and is considered confidential.

If the reader is not the intended recipient, you are hereby notified that any use, dissemination, distribution or copy of this transmission is strictly prohibited.

If you receive this transmission by error, or if this transmission is not satisfactory, please notify us by telephone.



1242567

Dec 1, 2017

Dec 6, 2017

2248020

Lot ID:

Control Number:

Date Received:

Date Reported:

Report Number:

Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

4545 Blackcomb Way Project Name:

Whistler, BC, Canada Project Location:

V0N 1B4 LSD:

Attn: Accounts Payable P.O.:

Sampled By: Proj. Acct. code:

Company:

Reference Number 1242567-1

Sample Date November 30, 2017

683957

JC Well # 2

Sample Time 16:00

Sample Location

Sample Description JC Well # 2 / 5.0 °C Sample Matrix Drinking Water

Nominal Detection Guideline Guideline Limit Limit Comments Analyte Units Result **Metals Extractable** Aluminum Extractable mg/L 0.004 0.001 0.1 Below OG <0.00002 0.00002 0.006 Below MAC Antimony Extractable mg/L Arsenic Extractable < 0.0001 0.0001 0.010 Below MAC mg/L Below MAC Barium Extractable mg/L 0.0015 0.0001 1 Boron Extractable mg/L < 0.002 0.002 5 Below MAC Cadmium Extractable mg/L < 0.00001 0.00001 0.005 Below MAC 0.05 Below MAC Chromium Extractable < 0.00005 0.00005 mg/L Extractable < 0.0005 0.0005 Below AO Copper mg/L 1.0 Extractable 0.01 Below MAC Lead mg/L 0.000097 0.00001 Selenium Extractable mg/L < 0.0002 0.0002 0.05 Below MAC 0.00001 Below MAC Uranium Extractable mg/L 0.00003 0.02 Vanadium Extractable mg/L 0.00005 0.00005 0.0005 5.0 Below AO Zinc Extractable mg/L 0.0340 Microbiological Analysis **Total Coliforms** Enzyme Substrate MPN/100 mL <1.0 1.0 0 per 100 mL Below MAC Test 0 per 100 mL Below MAC Escherichia coli Enzyme Substrate MPN/100 mL <1.0 1.0 Test **Physical and Aggregate Properties** 5 Colour True Colour units <5 Turbidity NTU 0.28 0.05 **Routine Water** pH - Holding Time Exceeded at 25 °C 7.55 7.0-10.5 Within Range μS/cm at 25 °C 47 **Electrical Conductivity** 1 Calcium Extractable mg/L 8.5 0.01 0.004 Iron Extractable 0.008 0.3 Below AO mg/L Extractable 0.02 Magnesium mg/L 0.15 0.001 0.05 Below AO Manganese Extractable mg/L < 0.001 Potassium Extractable mg/L 0.09 0.04 Silicon 2.0 0.005 Extractable mg/L Below AO Sodium Extractable mg/L 0.7 0.1 200 T-Alkalinity as CaCO3 mg/L 23 5 Chloride Dissolved 0.47 0.05 250 Below AO mg/L Fluoride Dissolved mg/L < 0.01 0.01 1.5 Below MAC Nitrate - N Dissolved mg/L 0.08 0.01 10 Below MAC Nitrite - N Dissolved mg/L < 0.01 0.01 1 Below MAC Sulfate (SO4) Dissolved 0.9 0.1 500 Below AO mg/L Hardness as CaCO3 22 mg/L (extractable)

Terms and Conditions: https://www.exova.com/media/1232/exova-canada-inc-standard-conditions-of-contract-short-form.pdf

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

Project Name: JC Well # 2 Lot ID: 1242567

4545 Blackcomb Way Whistler, BC, Canada

Project Location:

Control Number:

Accounts Payable

Date Received: Dec 1, 2017

V0N 1B4

LSD:

Date Reported: Dec 6, 2017

Sampled By:

P.O.:

Report Number: 2248020

Company:

Attn:

Proj. Acct. code:

1242567-1

Sample Date Sample Time

Reference Number

November 30, 2017

Sample Location

16:00

683957

Sample Description

JC Well # 2 / 5.0 °C

Sample Matrix

Drinking Water

Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Routine Water - Continue	ed					
Total Dissolved Solids	Extractable	mg/L	31	1		

Approved by:

Mathieu Simoneau

Mathier

Page 3 of 3 **EXOVA**

Lot ID: 1242567

Methodology and Notes

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

4545 Blackcomb Way Project Name: JC Well # 2 Control Number:

Whistler, BC, Canada Project Location: Date Received:

Whistler, BC, Canada Project Location: Date Received: Dec 1, 2017
V0N 1B4 LSD: Date Reported: Dec 6, 2017
Accounts Payable P.O.: 683957 Report Number: 2248020

Sampled By: Proj. Acct. code:

Company:

Attn:

Method of Analysis		
Method Name	Reference	Method Date Analysis Location Started
Alk, pH, EC, Turb in water (Surrey)	APHA	* Alkalinity - Titration Method, 2320 B Dec 2, 2017 Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* Conductivity, 2510 B Dec 2, 2017 Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* pH - Electrometric Method, 4500-H+ B Dec 2, 2017 Exova Surrey
Anions by IEC in water (Surrey)	АРНА	* Ion Chromatography with Chemical Dec 1, 2017 Exova Surrey Suppression of Eluent Cond., 4110 B
Metals SemiTrace (Extractable) in water (Surrey)	US EPA	 Metals & Trace Elements by ICP-AES, Dec 1, 2017 Exova Surrey 6010C
Total and E-Coli - Colilert - DW (Surrey)	APHA	Enzyme Substrate Test, APHA 9223 B Dec 1, 2017 Exova Surrey
Trace Metals (extractable) in Water (Surrey)	US EPA	* Determination of Trace Elements in Dec 1, 2017 Exova Surrey Waters and Wastes by ICP-MS, 200.8
True Color in water (Surrey)	АРНА	 * Spectrophotometric - Single Wavelength Dec 2, 2017 Exova Surrey Method, 2120 C
Turbidity - Water (Surrey)	APHA	* Turbidity - Nephelometric Method, 2130 B Dec 1, 2017 Exova Surrey

^{*} Reference Method Modified

References

APHA Standard Methods for the Examination of Water and Wastewater

US EPA US Environmental Protection Agency Test Methods

Guidelines

Guideline Description Health Canada GCDWQ

Guideline Source Guidelines for Canadian Drinking Water Quality, Health Canada, February 2017

Guideline Comments MAC = Maximum Acceptable Concentration

AO = Aesthetic Objective

OG = Operational Guideline for Water Treatment Plants

Refer to Health Canada GCDWQ for complete guidelines and additional drinking water information at www.hc-sc.gc.ca

Comments:

• Dec 06, 2017 - The analysis of water sample 1242567-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the February 2017 Guidelines for Canadian Drinking Water Quality for the parameters tested.

The comparison of test results to guideline limits is provided for information purposes only. This is not to be taken as a statement of conformance / nonconformance to any guideline, regulation or limit. The data user is responsible for all conclusions drawn with respect to the data and is advised to consult official regulatory references when evaluating compliance.

Please direct any inquiries regarding this report to our Client Services Group or to the Operations Manager at the coordinates indicated at the top left of this page.

Results relate only to samples as submitted.

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



WATER FACILITY EVALUATION REPORT Health Protection

Glacier Creek Water Supply System Premises Address Address Address Address Address Address Address Address April 25, 2018 Time Spent 1 hour April 25, 2018 Time Spent 25, 2018 Time Spent 25, 2018 Time Spent 25, 2018 The Fax: (E04) 938-7532 Time Spent 25, 2018 Time	Premises Name	Tel: (604) 938-7661	
Premises Address 4A54 Blackcomb Way Whister, BC VON 1B4 Operator (Person in Charge) Natal Perdue Inspection Type Evaluation Observed Violations There are no observed violations. Section Details Comments This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are indistribution system. The 2017 sample range report indicates bacteriological monitoring results are indistribution system. The 2017 sample range report indicates bacteriological monitoring results are indistribution system. The 2017 sample range report indicates bacteriological monitoring results are indistribution system. The 2017 sample range report indicates bacteriological monitoring results are indistribution system. All provided with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan t			
4545 Blackcomb Way Whitsler, BC VON 154 Operator (Person in Charge) Natal Perdue Inspection Type Evaluation Observed Violations There are no observed violations. Section Details Comments This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines. Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Motor Taken Information Exchanged		Inspection Date	Time Spent
Whistler, BC YON 184 Operator (Person in Charge) Natal Perdue Inspection Type Evaluation Observed Violations There are no observed violations. Section Details Comments This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Material Rating For Your Facility: High Moderate Low DWO Printed Name			
Operator (Person in Charge) Natai Perdue Inspection Type Evaluation Observed Violations There are no observed violations. Section Details Comments This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Material Rating For Your Facility: High Moderate Low Moderate Moderate		7,5 25, 25.15	
Natal Perdue Inspection Type Evaluation Observed Violations There are no observed violations. Section Details Comments This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 s			
Observed Violations There are no observed violations. Section Details Comments This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines. Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Motion Taken Information Exchanged	Natai Perdue		
Observed Violations There are no observed violations. Section Details Comments This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Moderate Action Taken Information Exchanged			
Observed Violations There are no observed violations. Section Details Comments This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Monitor Taken Information Exchanged			
There are no observed violations. Section Details Comments This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility:			
There are no observed violations. Section Details Comments This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Matter Butter Bu	Observed Violations		
Comments This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report.			
Comments This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low	There are no esserved notationer		
Comments This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low	Section Details		
This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low	Occion Betails		
This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low			
This is a 2017 year end summary report for Glacier Creek water supply system on Blackcomb Mountain. This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low	On manufacture of the contract		1
This system services both Glacier Creek and Crystal Hut food premises. The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low		ar accomply acceptants are Disale	aamala Massastaira
The Operating Permit for this Drinking Water system contains the following conditions: Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Material Rating For Your Facility: High Moderate Low DWO Printed Name			comb Mountain.
Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Hazard Rating For Your Facility:	This system services both Glacier Creek and Crystal Hut food	premises.	
Monitor cross connection control program for potable and not potable water systems in Glacier Creek Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Hazard Rating For Your Facility:			
Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility:	The Operating Permit for this Drinking Water system contains	the following conditions:	
Restaurant building. Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility:			
Review and update emergency response plan annually and as required. Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name	Monitor cross connection control program for potable and not	potable water systems in (Glacier Creek
Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name	Restaurant building.		
Maintain a free chlorine residual in the distribution system. Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name	Review and update emergency response plan annually and as	required.	
Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan. A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low		•	
A chemical analysis of the well source water was conducted in December 2017. All results are below the Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name		ordance with monitoring n	lan
Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name	I worker for E. Gon and Fotal Comothi Some morking and in acc	ordance with monitoring p	ian.
Operational Guidelines, Maximum Acceptable Concentrations and Aesthetic Objectives of the Canadian Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name	A chemical analysis of the well source water was conducted in	Docombor 2017 All regul	to are below the
Drinking Water Guidelines. A 2017 water monitoring plan schedule has been provided. A total of 32 samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO Printed Name			
samples were collected from the distribution system, which would exceed the frequency listed as a condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner,and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO Printed Name			
condition of the Operating Permit as semi-monthly for each of the 2 active sample sites for the distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low			
distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name			
distribution system. The 2017 sample range report indicates bacteriological monitoring results are in accordance with the potable water quality standards of the BC Drinking Water Protection Regulation. Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name	condition of the Operating Permit as semi-monthly for each of	the 2 active sample sites t	or the
Annual Reports for this system have been submitted in a timely manner,and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name			
Annual Reports for this system have been submitted in a timely manner, and the 2016 annual report has been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name			
been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name	accordance with the polacie water quality standards of the Be	Dimming Victor i retection	. r togalationi
been provided. The 2017 Annual Report is due on June 30th, 2018. Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name	Annual Reports for this system have been submitted in a timel	v manner and the 2016 ar	inual report has
Please update your Emergency Response plan to include the current list of VCH contacts provided with this report. **Action Taken** Information Exchanged** Hazard Rating For Your Facility:			indai report nas
Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name			a provided with
Action Taken Information Exchanged Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name		current list of VCH contact	s provided with
Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name	tnis report.		
Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name			
Mazard Rating For Your Facility: ☐ High ☐ Moderate ☐ Low DWO DWO Printed Name			
Hazard Rating For Your Facility: High Moderate Low DWO DWO Printed Name			
DWO DWO Printed Name	☐ Information Exchanged		
DWO DWO Printed Name			
DWO DWO Printed Name	Hazard Rating For Your Facility:	igh Moderate Low	
DWO Printed Name		<u> </u>	
DWO Printed Name	DWO		
James Whalen	DWO Printed Name		
	James Whalen		

Report No. Page 1 of 1

Sample Range Report

Vancouver Coastal Health

Glacier Creek Water Supply System Jan 1 2017 to Dec 31 2017 Facility Name:

Date Range:

Operator Natai Perdue

4545 Blackcomb Way Whistler, BC V0N 1B4

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
Glacier Creek Restaurant,				
Blackcomb Mountain	1/0/0017	1.4	1.4	
	1/3/2017	L1 L1	L1 L1	
	1/17/2017 1/31/2017	L1 L1	L1 L1	
	2/14/2017	L1	L1	
	2/28/2017	L1	L1	
	3/15/2017	L1	L1	
	3/28/2017	L1	L1	
	4/11/2017	L1	L1	
	8/15/2017	L1	L1	
	8/29/2017	L1	L1	
	9/25/2017	L1	L1	
	10/25/2017 11/20/2017	L1 T	L1	
	12/4/2017	L1	L1	
	12/18/2017	<u>L1</u>	<u>L1</u>	
	Total Positive :	<u> </u>	<u>= </u>	
		•	-	
Crystal Hut				
Restaraunt,				
Blackcomb Mountain				
	1/3/2017	L1	L1	
	1/17/2017	L1	L1	
	1/31/2017	L1	L1	
	2/14/2017	L1	L1	
	2/28/2017	L1	L1	
	3/15/2017	L1	L1	
	3/28/2017 4/11/2017	L1 L1	L1 L1	
	7/5/2017	L1 L1	L1 L1	
	7/3/2017	L1	L1	
	7/31/2017	L1	L1	
	8/15/2017	L1	L1	
	8/29/2017	L1	L1	
	9/25/2017	L1	L1	
	11/27/2017	L1	L1	
	12/4/2017	L1	L1	
	12/18/2017	<u>L1</u>	<u>L1</u>	

	Total Positive:	:	0	0	
Result Values:	E - estimate	d	L - less than	G -	greater than
Samples that conta Samples that conta Samples that conta Number of consecu contain total colifor Number of samples coliform in last 30 c	nin e. coli: nin fecal coliform: utive samples that m: s that contain total	0 0 0 0 0		0.00%	o of total o of total o of total
Total number of sa	•	32			

Comments:

Environmental Health Officer Apr 27 2018

FOR FURTHER INFORMATION PLEASE CALL: James Whalen (604) 932-3202

Exova #104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Report Transmission Cover Page

Bill To: Whistler Blackcomb Holdings Inc. Project ID: Lot ID: 1242556

4545 Blackcomb Way Project Name: Glacier Creek Well Control Number:

Whistler, BC, Canada Project Location: Date Received: Dec 1, 2017 VON 1B4 LSD: Date Reported: Dec 6, 2017

Attn: Accounts Payable P.O.: 683957 Report Number: 2248010

Sampled By: Proj. Acct. code:

Company:

Contact	Company	Address
Accounts Payable	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way
	Whistler & Blackcomb Mountain Resort Ltd.	Will de Boyon (B)
		Whistler, BC V0N 1B4
		Phone: (604) 932-3141 Fax: (604) 932-0416
		Email: apinvoice@vailresorts.com
Delivery	<u>Format</u>	<u>Deliverables</u>
Email - Single Report	PDF	Invoice
NaTai Perdue	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way
	Whistler & Blackcomb Mountain Resort Ltd.	
		Whistler, BC V0N 1B4
		Phone: (604) 938-7593 Fax: (604) 938-7532
		Email: nperdue@vailresorts.com
Delivery	<u>Format</u>	<u>Deliverables</u>
Email - Single Report	PDF	COA
Email - Single Report	PDF	Invoice
Email - Single Report	PDF	Test Report

Notes To Clients:

• Dec 06, 2017 - The analysis of water sample 1242556-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the February 2017 Guidelines for Canadian Drinking Water Quality for the parameters tested.

The information contained on this and all other pages transmitted, is intended for the addressee only and is considered confidential.

If the reader is not the intended recipient, you are hereby notified that any use, dissemination, distribution or copy of this transmission is strictly prohibited.

If you receive this transmission by error, or if this transmission is not satisfactory, please notify us by telephone.

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Lot ID: 1242556

Dec 6, 2017

Date Reported:

Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

4545 Blackcomb Way Project Name: Glacier Creek Well Control Number:

Whistler, BC, Canada Project Location: Date Received: Dec 1, 2017

V0N 1B4 LSD:

Attn: Accounts Payable P.O.: 683957 Report Number: 2248010

Sampled By: Proj. Acct. code:

Company:

Reference Number 1242556-1

Sample Date November 30, 2017

Sample Time 17:00

Sample Location

Sample Description Glacier Creek Well / 5.0 °C

Sample Matrix Drinking Water

Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Metals Extractable						
Aluminum	Extractable	mg/L	0.001	0.001	0.1	Below OG
Antimony	Extractable	mg/L	0.00002	0.00002	0.006	Below MAC
Arsenic	Extractable	mg/L	0.0019	0.0001	0.010	Below MAC
Barium	Extractable	mg/L	0.0220	0.0001	1	Below MAC
Boron	Extractable	mg/L	0.005	0.002	5	Below MAC
Cadmium	Extractable	mg/L	< 0.00001	0.00001	0.005	Below MAC
Chromium	Extractable	mg/L	<0.00005	0.00005	0.05	Below MAC
Copper	Extractable	mg/L	0.0007	0.0005	1.0	Below AO
Lead	Extractable	mg/L	0.00003	0.00001	0.01	Below MAC
Selenium	Extractable	mg/L	0.0005	0.0002	0.05	Below MAC
Uranium	Extractable	mg/L	0.00019	0.00001	0.02	Below MAC
Vanadium	Extractable	mg/L	0.00020	0.00005		
Zinc	Extractable	mg/L	0.0009	0.0005	5.0	Below AO
Microbiological Analysi	s					
Total Coliforms	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Escherichia coli	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Physical and Aggregate	Properties					
Colour	True	Colour units	<5	5		
Turbidity		NTU	0.50	0.05		
Routine Water						
pH - Holding Time			Exceeded			
рН	at 25 °C		7.98		7.0-10.5	Within Range
Electrical Conductivity		μS/cm at 25 °C	201	1		
Calcium	Extractable	mg/L	36	0.01		
Iron	Extractable	mg/L	0.081	0.004	0.3	Below AO
Magnesium	Extractable	mg/L	0.78	0.02		
Manganese	Extractable	mg/L	0.005	0.001	0.05	Below AO
Potassium	Extractable	mg/L	0.17	0.04		
Silicon	Extractable	mg/L	4.9	0.005		
Sodium	Extractable	mg/L	4.7	0.1	200	Below AO
T-Alkalinity	as CaCO3	mg/L	79	5		
Chloride	Dissolved	mg/L	0.37	0.05	250	Below AO
Fluoride	Dissolved	mg/L	0.04	0.01	1.5	Below MAC
Nitrate - N	Dissolved	mg/L	<0.01	0.01	10	Below MAC
Nitrite - N	Dissolved	mg/L	<0.01	0.01	1	Below MAC
Sulfate (SO4)	Dissolved	mg/L	23.8	0.1	500	Below AO
Hardness	as CaCO3 (extractable)	mg/L	94	1		

#104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Lot ID: 1242556

Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

Project Name: Glacier Creek Well Control Number:

4545 Blackcomb Way Project Location: Whistler, BC, Canada

Date Received: Dec 1, 2017 V0N 1B4 LSD: Date Reported: Dec 6, 2017

Attn: Accounts Payable P.O.: 683957 Report Number: 2248010

Sampled By: Proj. Acct. code:

Company:

Reference Number 1242556-1

> Sample Date November 30, 2017

Sample Time 17:00

Sample Location

Sample Description Glacier Creek Well / 5.0 °C

Sample Matrix **Drinking Water**

Nominal Detection Guideline Guideline Limit Limit Comments **Analyte** Units Result **Routine Water - Continued Total Dissolved Solids** Extractable 127 1 mg/L

Approved by:

Mathieu Simoneau

Mathiers

Page 3 of 3 **EXOVA**

Methodology and Notes

Bill To: Whistler Blackcomb Holdings Inc. Project ID: Lot ID: 1242556

4545 Blackcomb Way Project Name: Glacier Creek Well Control Number:

Whistler, BC, Canada Project Location: Date Received: Dec 1, 2017

V0N 1B4 LSD: Date Reported: Dec 6, 2017

Accounts Payable P.O.: 683957 Report Number: 2248010

Sampled By: Proj. Acct. code:

Company:

Attn:

Method of Analysis		
Method Name	Reference	Method Date Analysis Location Started
Alk, pH, EC, Turb in water (Surrey)	APHA	* Alkalinity - Titration Method, 2320 B Dec 2, 2017 Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* Conductivity, 2510 B Dec 2, 2017 Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* pH - Electrometric Method, 4500-H+ B Dec 2, 2017 Exova Surrey
Anions by IEC in water (Surrey)	АРНА	* Ion Chromatography with Chemical Dec 1, 2017 Exova Surrey Suppression of Eluent Cond., 4110 B
Metals SemiTrace (Extractable) in water (Surrey)	US EPA	* Metals & Trace Elements by ICP-AES, Dec 1, 2017 Exova Surrey 6010C
Total and E-Coli - Colilert - DW (Surrey)	APHA	Enzyme Substrate Test, APHA 9223 B Dec 1, 2017 Exova Surrey
Trace Metals (extractable) in Water (Surrey)	US EPA	* Determination of Trace Elements in Dec 1, 2017 Exova Surrey Waters and Wastes by ICP-MS, 200.8
True Color in water (Surrey)	APHA	 * Spectrophotometric - Single Wavelength Dec 2, 2017 Exova Surrey Method, 2120 C
Turbidity - Water (Surrey)	APHA	* Turbidity - Nephelometric Method, 2130 B Dec 1, 2017 Exova Surrey

^{*} Reference Method Modified

References

APHA Standard Methods for the Examination of Water and Wastewater

US EPA US Environmental Protection Agency Test Methods

Guidelines

Guideline Description Health Canada GCDWQ

Guideline Source Guidelines for Canadian Drinking Water Quality, Health Canada, February 2017

Guideline Comments MAC = Maximum Acceptable Concentration

AO = Aesthetic Objective

OG = Operational Guideline for Water Treatment Plants

Refer to Health Canada GCDWQ for complete guidelines and additional drinking water information at www.hc-sc.gc.ca

Comments:

• Dec 06, 2017 - The analysis of water sample 1242556-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the February 2017 Guidelines for Canadian Drinking Water Quality for the parameters tested.

The comparison of test results to guideline limits is provided for information purposes only. This is not to be taken as a statement of conformance / nonconformance to any guideline, regulation or limit. The data user is responsible for all conclusions drawn with respect to the data and is advised to consult official regulatory references when evaluating compliance.

Please direct any inquiries regarding this report to our Client Services Group or to the Operations Manager at the coordinates indicated at the top left of this page.

Results relate only to samples as submitted.

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



WATER FACILITY EVALUATION REPORT Health Protection

Premises Name	Tel: (604) 938-7661	
Blackcomb Mountain- Horstman Hut	Fax: (604) 938-7532	
Premises Address	Inspection Date	Time Spent
4545 Blackcomb Way	April 25, 2018	1 hour
Whistler, BC V0N 1B4		
Operator (Person in Charge)		
Na Tai Perdue		
Inspection Type		
Evaluation		
Observed Violations		
There are no observed violations.		
Section Details		
Comments		
This is a 2017 year end summary inspection report for the Horstman	Hut water system on B	lackcomb
Mountain. The water system is supplied by water from the Jersey Cre		
water hauling unit to a storage reservoir. The water supply is then tre		
UV disinfection equipment		
The Operating Permit for this Drinking Water system contains the fol	lowing conditions:	
	iownig conditions.	
Review and update the Emergency Response Plan annually		
Prepare a Cross Connection Control Plan		
Water hauling procedures must meet VCH Bulk Water Hauling Guidelines Monitor for E. Coli and Total Coliform semi monthly and in accordance with monitoring plan.		
I Monitor for E. Coli and Total Collionii Senii monthly and in accordant	e with monitoring plan.	
A 0017 water manitoring plan ashedula has been previded. A total of	15 commiss were called	atad fuana tha
A 2017 water monitoring plan schedule has been provided. A total of		
distribution system, which would exceed the frequency listed as a co		
semi-monthly. The 2017 sample range report indicates bacteriological		
accordance with the potable water quality standards of the BC Drinki	ng Water Protection Re	egulation.
Annual Reports for this system have been submitted in a timely man	ner,and the 2016 annua	al report has
been provided. The 2017 Annual Report is due on June 30th, 2018.		
Please update your Emergency Response plan to include the current	t list of VCH contacts pr	rovided with
this report.		
Action Taken		
☐ Information Exchanged		
, , , , , , , , , , , , , , , , , , ,		
Hazard Rating For Your Facility: High	Moderate 🛛 Low	
Hazard Rating For Your Facility:	ivioderate 🖂 Low	
I DWO		
DWO		
DWO Printed Name		
James Whalen		

Report No. Page 1 of 1

Sample Range Report

Vancouver Coastal Health

Facility Name: Blackcomb Mountain- Horstman Hut

Date Range: Jan 1 2017 to Dec 31 2017

Operator Na Tai Perdue

4545 Blackcomb Way Whistler, BC V0N 1B4

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
Horstman Hut,				
Blackcomb Mountain				
Didoktoriio iiiod	1/3/2017	L1	L1	
	1/31/2017	L1	L1	
	2/14/2017	L1	 L1	
	2/28/2017	L1	L1	
	3/15/2017	L1	L1	
	3/29/2017	L1	L1	
	4/11/2017	L1	L1	
	4/25/2017	L1	L1	
	5/9/2017	L1	L1	
	5/23/2017	L1	L1	
	6/12/2017	L1	L1	
	6/20/2017	L1	L1	
	7/5/2017	L1	L1	
	9/25/2017	L1	L1	
	12/18/2017	<u>L1</u>	<u>L1</u>	
	Total Positive:	0	0	
Result Values:	E - estimated	L - less than	•	G - greater than
Samples that contain	total coliform:	0	0.0	0% of total
Samples that contain		0	0.0	0% of total
Samples that contain	fecal coliform:	0	0.0	0% of total
Number of consecutive		0		
contain total coliform:		0/0		
Number of samples that contain total		0/0		
coliform in last 30 day		15		
Total number of sam	pies:	[15		

Comments:

Environmental Health Officer Jun 5 2018

FOR FURTHER INFORMATION PLEASE CALL: James Whalen (604) 932-3202



WATER FACILITY EVALUATION REPORT Health Protection

Premises Name	Fax: (604) 938-7532		
Blackcomb Mountain Patrol Hut Premises Address	Inspection Date	Time Chant	
	1 .	Time Spent 1 hour	
4545 Blackcomb Way Whistler, BC V0N 1B4	April 25, 2018	l noui	
Operator (Person in Charge)			
Natai Perdue			
Inspection Type			
Evaluation			
Observed Violations			
There are no observed violations.			
Section Details			
Comments			
This is a 2017 year end summary inspection report for the Patrol Hut			
Mountain. The water system is supplied by water from the Jersey Cre	eam water system via a	permitted	
water hauling unit to a storage reservoir. The water is then treated wi	th sedimentation filters	and UV	
disinfection equipment.			
The Operating Permit for this Drinking Water system contains the fol	lowing conditions:		
	_		
Review and update the Emergency Response Plan annually			
Prepare a Cross Connection Control Plan			
Water hauling procedures must meet VCH Bulk Water Hauling Guidelines			
Monitor for E. Coli and Total Coliform semi monthly and in accordance			
, , , , , , , , , , , , , , , , , , , ,	3 1		
A 2017 water monitoring plan schedule has been provided. A total of	13 samples were collect	cted from the	
distribution system, which would exceed the frequency listed as a col			
semi-monthly. The 2017 sample range report indicates bacteriological			
accordance with the potable water quality standards of the BC Drinki			
accordance with the potable water quality standards of the Be Brinki	ng Water Froteodori Fte	galation.	
Annual Reports for this system have been submitted in a timely mani	ner and the 2016 annua	al report has	
been provided. The 2017 Annual Report is due on June 30th, 2018.	ior,and the zore annae	ar roport riao	
Please update your Emergency Response plan to include the current	list of VCH contacts or	rovided with	
this report.	list of vort contacts pr	Ovided with	
Hazard Rating For Your Facility: High	Moderate 🛛 Low		
, – , – , – , – , – , – , – , – , – , –			
DWO			
DWO Printed Name			
James Whalen			

Report No. Page 1 of 1

Sample Range Report

Vancouver Coastal Health

Facility Name: Blackcomb Mountain -- Patrol Hut

Date Range: Jan 1 2017 to Dec 31 2017

Operator Natai Perdue

4545 Blackcomb Way Whistler, BC V0N 1B4

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
Blackcomb Patrol				
Hut, Blackcomb				
Mountain				
	1/3/2017	L1	L1	
	2/14/2017	L1	L1	
	2/28/2017	L1	L1	
	3/15/2017	L1	L1	
	3/29/2017	L1	L1	
	4/11/2017	L1	L1	
	4/25/2017	L1	L1	
	5/9/2017	L1	L1	
	5/23/2017	L1	L1	
	6/12/2017	L1	L1	
	6/20/2017	L1	L1	
	7/5/2017	L1	L1	
	12/18/2017	<u>L1</u>	<u>L1</u> 0	
	Total Positive:	0	0	
Result Values:	E - estimate	d L - less than	c	i - greater than
riesuit values.	L - estimate	L - 1655 (Hall		i - greater than
Samples that contain	total coliform:	0	0.00)% of total
Samples that contain		0	0.00	0% of total
Samples that contain	fecal coliform:	0	0.00)% of total
Number of consecutive samples that		0		
contain total coliform:				
Number of samples that contain total		0/0		
coliform in last 30 day	ys:			
Total number of sam	oles:	13		

Comments:

Environmental Health Officer Jun 5 2018

FOR FURTHER INFORMATION PLEASE CALL: James Whalen (604) 932-3202



WATER FACILITY EVALUATION REPORT Health Protection

Premises Name	Tei:	
Blackcomb Mountain - Water Hauling Unit	Fax:	
Premises Address	Inspection Date	Time Spent
4545 Blackcomb Way	April 25, 2018	1 hour
Whistler, BC V0N 1B4		
Operator (Person in Charge)	<u> </u>	
Na Tai Perdue		
Inspection Type		
Evaluation		
Evaluation		
Observed Violations		
There are no observed violations.		
Section Details		
Comments		
		Collina The
This is a 2017 evaluation for the Water Hauling Unit that se		troi Huts. The
Water Hauling Unit is permitted in accordance with the VCF	H Water Hauling Guideline.	
The Operating Permit for this Drinking Water system contains	ins the following conditions:	
	ŭ	
Approved for potable water delivery only.		
Review and update the Emergency Response Plan annual		
Water hauling limited from Jersey Cream Water Supply Sys	stem to Horstman Hut and Pa	atrol Hut on
Blackcomb Mountain.		
Provide an operation and maintenance manual		
Trovido al oporación and mantenarios manda		
A 2017 water manitaring plan ashadula has been provided	Compling of the and point of	the water bealing
A 2017 water monitoring plan schedule has been provided.		
(i.e. Horstman and Patrol huts) serves as a validation of the	e transport process for this wa	ater hauling unit.
Annual Reports for this system have been submitted in a tir	nely manner, and the 2016 ar	nnual report has
been provided. The 2017 Annual Report is due on June 301		'
Please update your Emergency Response plan to include the		te provided with
	ne current list of VCH contac	is provided with
this report.		
Action Taken		
☐ Information Exchanged		
<u> </u>		
UIB-C E V E W		
Hazard Rating For Your Facility:	$ ceil$ High $\ \square$ Moderate $\ oxtimes$ Low	
DWO		
DWO Printed Name		
James Whalen		
vallies whatell		

Report No. Page 1 of 1



WATER FACILITY EVALUATION REPORT Health Protection

Premises Name	Tel: (604) 938-7661	
Whistler Mountain - Children's Learning Center	Fax: (604) 938-7532	
Premises Address	Inspection Date	Time Spent
4545 Blackcomb Way	April 24, 2018	1 hour
Whistler, BC V0N 1B4		
Operator (Person in Charge)		
Na Tai Perdue		
Inspection Type		
Evaluation		
		<u>.</u>
Observed Violations		
There are no observed violations.		
Section Details		Ī
Social Botalio		
Comments This is a 2017 year and inspection summers report for the Children's	Loorning water avetara	on Mhiatlar
This is a 2017 year end inspection summary report for the Children's		
Mountain. The system services The Children's Learning Center, the C	Dlympic Station, The Ac	aptive
Learning Center and the Food Premises.		
The Operating Permit for this Drinking Water system contains the fol	lowing conditions:	
Monitor for E. Coli and Total Coliform semi monthly and in accordance	e with water quality mo	nitoring plan
Provide a free available chlorine residual throughout the distribution s	system	
Review and update the Emergency Response Plan annually.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Prepare a Cross Connection Control Plan		
Frepare a Cross Connection Control Flan		
A discording to the control of the C		
A chemical analysis of the well source water was conducted in Decer		
Operational Guidelines, Maximum Acceptable Concentrations and Ac		
Drinking Water Guidelines. A 2017 water monitoring plan schedule	has been provided. A to	otal of 47
samples were collected from the distribution system, which would ex-	ceed the frequency liste	d as a
condition of the Operating Permit as semi-monthly for each of the 2 s		
range report indicates bacteriological monitoring results are in accord		
standards of the BC Drinking Water Protection Regulation.	ianos with the potable v	vator quality
Standards of the BO Diffiking Water Froteotion Regulation.		
Annual Departs for this quotom have been submitted in a timely many	nor and the 2016 apply	al report has
Annual Reports for this system have been submitted in a timely manual Reports for this system have been submitted in a timely manual Reports for this system have been submitted in a timely manual Reports for this system have been submitted in a timely manual Reports for this system have been submitted in a timely manual Reports for this system have been submitted in a timely manual Reports for this system have been submitted in a timely manual Reports for this system have been submitted in a timely manual Reports for this system have been submitted in a timely manual Reports for this system have been submitted in a timely manual Reports for this system have been submitted in a timely manual Reports for this system have been submitted in a timely manual Reports for this system have been submitted in a timely manual Reports for this system have been submitted in a timely manual Reports for the system have been submitted in a timely manual Reports for the system have been submitted in this system have been submitted in the system have been submitt		ai report rias
been completed. The 2017 Annual Report is due on June 30th, 2018	3.	
	_	
The Emergency Response plan is regularly updated. Please update y	our Emergency Respo	nse plan to
include the current list of VCH contacts provided with this report.		
Action Taken		
☐ Information Exchanged		
<u> </u>		
Hozord Poting For Vous Cocility:	Madarata M.L.	
Hazard Rating For Your Facility: High	Moderate 🛮 Low	
DWO		

Report No. Page 1 of 2

Report No. Page 2 of 2

Sample Range Report

Vancouver Coastal Health

Facility Name: Whistler Mountain - Children's Learning Center

Date Range: Jan 1 2017 to Dec 31 2017

Operator Na Tai Perdue

4545 Blackcomb Way Whistler, BC V0N 1B4

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
Olympic Station, Whistler Mountain				
<u>vvinistier iviountaini</u>	1/3/2017	L1	L1	
	1/17/2017	L1	L1	
	1/31/2017	L1	L1	
	2/14/2017	 L1	L1	
	2/28/2017	L1	L1	
	3/14/2017	L1	L1	
	3/28/2017	 L1	L1	
	4/11/2017	L1	L1	
	4/25/2017	L1	L1	
	5/10/2017	L1	L1	
	5/24/2017	L1	 L1	
	6/6/2017	L1	L1	
	7/4/2017	L1	L1	
	7/17/2017	L1	L1	
	7/31/2017	L1	L1	
	8/14/2017	L1	L1	
	8/29/2017	L1	L1	
	9/11/2017	L1	L1	
	9/26/2017	L1	L1	
	10/24/2017	L1	L1	
	11/20/2017	T		
	12/5/2017	L1	L1	
	12/18/2017	<u>L1</u>	<u>L1</u>	
	Total Positive:	<u>L1</u> 0	<u>L1</u> 0	
Children's Learning Center, Whistler Mountain				
	1/3/2017	L1	L1	
	1/17/2017	L1	 L1	
	1/31/2017	L1	L1	
	2/14/2017	L1	L1	
	2/28/2017	L1	L1	
	3/14/2017	L1	L1	
	3/28/2017	L1	L1	
	4/11/2017	L1	L1	
	5/24/2017	L1	L1	
	6/7/2017	L1	L1	

6/20/2017	L1	L1
6/20/2017	L1	L1
7/4/2017	L1	L1
7/17/2017	L1	L1
7/31/2017	L1	L1
8/14/2017	L1	L1
8/29/2017	L1	L1
9/11/2017	L1	L1
9/26/2017	L1	L1
10/24/2017	L1	L1
11/7/2017	L1	L1
11/20/2017	T	
12/5/2017	L1	L1
12/18/2017	<u>L1</u>	<u>L1</u>
Total Positive :	0	0

Result Values:	E - estimate	d	L - less than	G - greater than	
Samples that contains	in e. coli:	0		0.00% of total 0.00% of total	
Samples that contain		0		0.00% of total	
Number of consecutive samples that contain total coliform:		0			
Number of samples coliform in last 30 d		0/0			
Total number of sar	Total number of samples:				

Comments:

Environmental Health Officer Apr 24 2018

FOR FURTHER INFORMATION PLEASE CALL: James Whalen (604) 932-3202

Exova #104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Report Number: 2248007

Report Transmission Cover Page

Bill To: Whistler Blackcomb Holdings Inc. Project ID: Lot ID: 1242552

4545 Blackcomb Way Project Name: CLC Well Control Number:

Whistler, BC, Canada Project Location: Date Received: Dec 1, 2017 VON 1B4 LSD: Date Reported: Dec 6, 2017

Attn: Accounts Payable P.O.: 683957
Sampled By: Proj. Acct. code:

Company:

Contact	Company	Address
Accounts Payable	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way
	Whistler & Blackcomb Mountain Resort Ltd.	Mark at a Booken and
		Whistler, BC V0N 1B4
		Phone: (604) 932-3141 Fax: (604) 932-0416
		Email: apinvoice@vailresorts.com
Delivery	<u>Format</u>	<u>Deliverables</u>
Email - Single Report	PDF	Invoice
NaTai Perdue	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way
	Whistler & Blackcomb Mountain Resort Ltd.	
		Whistler, BC V0N 1B4
		Phone: (604) 938-7593 Fax: (604) 938-7532
		Email: nperdue@vailresorts.com
Delivery	<u>Format</u>	<u>Deliverables</u>
Email - Single Report	PDF	COA
Email - Single Report	PDF	Invoice
Email - Single Report	PDF	Test Report

Notes To Clients:

• Dec 06, 2017 - The analysis of water sample 1242552-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the February 2017 Guidelines for Canadian Drinking Water Quality for the parameters tested.

The information contained on this and all other pages transmitted, is intended for the addressee only and is considered confidential.

If the reader is not the intended recipient, you are hereby notified that any use, dissemination, distribution or copy of this transmission is strictly prohibited.

If you receive this transmission by error, or if this transmission is not satisfactory, please notify us by telephone.



1242552

Dec 1, 2017

Dec 6, 2017

Lot ID:

Date Reported:

Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

4545 Blackcomb Way Project Name: CLC Well Control Number:

Whistler, BC, Canada Project Location: Date Received:

V0N 1B4 LSD:

Attn: Accounts Payable P.O.: 683957 Report Number: 2248007

Sampled By: Proj. Acct. code:

Company:

Reference Number 1242552-1

Sample Date November 30, 2017

Sample Time 11:30

Sample Location

Sample Description CLC Well / 5.0 °C Sample Matrix Drinking Water

Nominal Detection Guideline Guideline Limit Limit Comments Analyte Units Result **Metals Extractable** Aluminum Extractable mg/L < 0.001 0.001 0.1 Below OG < 0.00002 0.00002 0.006 Below MAC Antimony Extractable mg/L Arsenic Extractable 0.0002 0.0001 0.010 Below MAC mg/L Below MAC Barium Extractable mg/L 0.0137 0.0001 1 Boron Extractable mg/L 0.002 0.002 5 Below MAC Cadmium Extractable mg/L 0.00002 0.00001 0.005 Below MAC 0.05 Below MAC Chromium Extractable <0.00005 0.00005 mg/L Extractable 0.0005 Below AO Copper mg/L 0.0007 1.0 Extractable 0.01 Below MAC Lead mg/L 0.00011 0.00001 Selenium Extractable mg/L 0.0002 0.0002 0.05 Below MAC 0.00001 Below MAC Uranium Extractable mg/L 0.00007 0.02 Vanadium Extractable mg/L < 0.00005 0.00005 0.0017 0.0005 5.0 Below AO Zinc Extractable mg/L Microbiological Analysis **Total Coliforms** Enzyme Substrate MPN/100 mL <1.0 1.0 0 per 100 mL Below MAC Test 0 per 100 mL Below MAC Escherichia coli Enzyme Substrate MPN/100 mL <1.0 1.0 Test **Physical and Aggregate Properties** 5 Colour True Colour units <5 Turbidity NTU 0.16 0.05 **Routine Water** pH - Holding Time Exceeded at 25 °C 7.80 7.0-10.5 Within Range μS/cm at 25 °C **Electrical Conductivity** 261 1 Calcium Extractable mg/L 52 0.01 0.004 Iron Extractable 0.018 0.3 Below AO mg/L Extractable 0.02 Magnesium mg/L 0.97 0.05 Below AO Manganese Extractable mg/L < 0.001 0.001 Potassium Extractable mg/L 0.51 0.04 Silicon 3.8 0.005 Extractable mg/L Below AO Sodium Extractable mg/L 1.7 0.1 200 T-Alkalinity as CaCO3 mg/L 111 5 Chloride Dissolved 0.63 0.05 250 Below AO mg/L Fluoride Dissolved mg/L 0.02 0.01 1.5 Below MAC Nitrate - N Dissolved mg/L 0.07 0.01 10 Below MAC Nitrite - N Dissolved mg/L < 0.01 0.01 1 Below MAC Sulfate (SO4) Dissolved 25.1 0.1 500 Below AO mg/L Hardness as CaCO3 130 mg/L (extractable)

Terms and Conditions: https://www.exova.com/media/1232/exova-canada-inc-standard-conditions-of-contract-short-form.pdf

#104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Lot ID: 1242552

Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

Project Name: **CLC Well**

4545 Blackcomb Way Control Number: Project Location: Whistler, BC, Canada Date Received:

Dec 1, 2017 V0N 1B4 LSD: Date Reported: Dec 6, 2017 Accounts Payable P.O.: 683957 Report Number: 2248007

Sampled By: Proj. Acct. code:

Company:

Attn:

Reference Number 1242552-1

> Sample Date November 30, 2017

Sample Time 11:30 **Sample Location**

CLC Well / 5.0 °C **Sample Description**

Sample Matrix **Drinking Water**

Nominal Detection Guideline Guideline Limit Limit Comments **Analyte** Units Result **Routine Water - Continued Total Dissolved Solids** Extractable 158 1 mg/L

Approved by:

Mathieu Simoneau

Mothis

Page 3 of 3 **EXOVA**

Methodology and Notes

Bill To: Whistler Blackcomb Holdings Inc. Project ID: Lot ID: 1242552

4545 Blackcomb Way Project Name: CLC Well Control Number:

Whistler, BC, Canada Project Location: Date Received: Dec 1, 2017 V0N 1B4 LSD: Date Reported: Dec 6, 2017

Attn: Accounts Payable P.O.: 683957 Report Number: 2248007

Sampled By: Proj. Acct. code:

Company:

Method of Analysis		
Method Name	Reference	Method Date Analysis Location Started
Alk, pH, EC, Turb in water (Surrey)	APHA	* Alkalinity - Titration Method, 2320 B Dec 2, 2017 Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* Conductivity, 2510 B Dec 2, 2017 Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* pH - Electrometric Method, 4500-H+ B Dec 2, 2017 Exova Surrey
Anions by IEC in water (Surrey)	АРНА	* Ion Chromatography with Chemical Dec 1, 2017 Exova Surrey Suppression of Eluent Cond., 4110 B
Metals SemiTrace (Extractable) in water (Surrey)	US EPA	 Metals & Trace Elements by ICP-AES, Dec 1, 2017 Exova Surrey 6010C
Total and E-Coli - Colilert - DW (Surrey)	APHA	Enzyme Substrate Test, APHA 9223 B Dec 1, 2017 Exova Surrey
Trace Metals (extractable) in Water (Surrey)	US EPA	* Determination of Trace Elements in Dec 1, 2017 Exova Surrey Waters and Wastes by ICP-MS, 200.8
True Color in water (Surrey)	АРНА	 * Spectrophotometric - Single Wavelength Dec 2, 2017 Exova Surrey Method, 2120 C
Turbidity - Water (Surrey)	APHA	* Turbidity - Nephelometric Method, 2130 B Dec 1, 2017 Exova Surrey

^{*} Reference Method Modified

References

APHA Standard Methods for the Examination of Water and Wastewater

US EPA US Environmental Protection Agency Test Methods

Guidelines

Guideline Description Health Canada GCDWQ

Guideline Source Guidelines for Canadian Drinking Water Quality, Health Canada, February 2017

Guideline Comments MAC = Maximum Acceptable Concentration

AO = Aesthetic Objective

OG = Operational Guideline for Water Treatment Plants

Refer to Health Canada GCDWQ for complete guidelines and additional drinking water information at www.hc-sc.gc.ca

Comments:

• Dec 06, 2017 - The analysis of water sample 1242552-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the February 2017 Guidelines for Canadian Drinking Water Quality for the parameters tested.

The comparison of test results to guideline limits is provided for information purposes only. This is not to be taken as a statement of conformance / nonconformance to any guideline, regulation or limit. The data user is responsible for all conclusions drawn with respect to the data and is advised to consult official regulatory references when evaluating compliance.

Please direct any inquiries regarding this report to our Client Services Group or to the Operations Manager at the coordinates indicated at the top left of this page.

Results relate only to samples as submitted.

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



WATER FACILITY EVALUATION REPORT Health Protection

Premises Name	Tel: (604) 938-7593	
Whistler Mountain - Chic Pea	Fax: (604) 938-7532	
Premises Address	Inspection Date	Time Spent
4545 Blackcomb Way	April 24, 2018	1 hour
Whistler, BC V0N 1B4		
Operator (Person in Charge)		
Na Tai Perdue		
Inspection Type		
Evaluation		
Observed Violations		
There are no observed violations.		
		1
Section Details		
Comments		
This is a year end summary report for the Chic Pea water system. The		Chic Pea
food premises on Whistler Mountain. A non potable water system se	rvices the toilets.	
The Operating Permit for the Drinking Water system contains the foll	owing conditions:	
Maintain a free chlorine residual throughout the distribution system		
Monitor for E. Coli and Total Coliform semi monthly and in accordance	e with water quality mo	nitoring plan
Review and update the Emergency Response Plan annually.		• •
Monitor cross connection control program for potable and not potable	water systems in Chic	Pea.
	·	
A chemical analysis of the well source water was conducted in Decei	mber 2017. All results a	re below the
Operational Guidelines, Maximum Acceptable Concentrations and A		
Drinking Water Guidelines with the exception of Iron, which was abo		
water monitoring plan schedule has been provided. A total of 16 san		
distribution system, which exceeds the frequency listed as a condition		
semi-monthly. The 2017 sample range report indicates bacteriological		
accordance with the potable water quality standard of the BC Drinkin		
Taccordance with the potable water quality standard of the BC Diffiking	g water i rotection neg	julation.
Annual Paparte for this system have been submitted in a timely man	nor and the 2016 annu	al roport bac
Annual Reports for this system have been submitted in a timely manual Beneritie due on June 20th, 2019	iei, anu the 2016 annu	ai report nas
been provided. The 2017 Annual Report is due on June 30th, 2018.		
Diagram and the community of the communi	. I'at at 1/011 a anta ata m	ملفان در ام مامان دمد
Please update your Emergency Response plan to include the current	list of VCH contacts pr	ovided with
this report.		
r		
Action Taken		
☐ Information Exchanged		
Hazard Rating For Your Facility: 🗌 High 🗌	Moderate $oxtimes$ Low	
DWO		
DWO Printed Name		
James Whalen		ļ

Report No. Page 1 of 1

Sample Range Report

Vancouver Coastal Health

Facility Name: Whistler Mountain - Chic Pea Date Range: Jan 1 2017 to Dec 31 2017

Operator Na Tai Perdue

4545 Blackcomb Way Whistler, BC V0N 1B4

Sampling Site	Date Collected	Total (Coliform	E. Co	li Fecal Coliform
		-	-		
Chic Pea					
Restaurant, Whistler					
Mountain					
<u> </u>	17/01/2017		L1	L1	
	31/01/2017		 L1	 L1	
	14/02/2017		 L1	 L1	
	28/02/2017		 L1	 L1	
	14/03/2017		 L1	 L1	
	28/03/2017		 L1	 L1	
	11/04/2017		 L1	 L1	
	12/06/2017		L1	L1	
	17/07/2017		L1	L1	
	31/07/2017		L1	L1	
	14/08/2017		L1	L1	
	29/08/2017		L1	L1	
	12/09/2017		L1	L1	
	24/10/2017		L1	L1	
	20/11/2017		Т		
	18/12/2017		<u>L1</u>	<u>L1</u>	
	Total Positive :	-	<u>L1</u> 0	<u>L1</u> 0	
Result Values:	E - estimate	A	L - less than		G - greater than
nesuit values.	L - estimate	u	L - less than		G - greater triair
Samples that contain	total coliform:	0			0.00% of total
Samples that contain		0			0.00% of total
Samples that contain		0			0.00% of total
Number of consecutiv		0			
contain total coliform:					
Number of samples th	nat contain total	0/0			
coliform in last 30 day	s:				
Total number of samp	oles:	16			

Comments:

Environmental Health Officer Apr 24 2018

FOR FURTHER INFORMATION PLEASE CALL: Cindy Watson (604) 892-2293

Exova #104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Report Transmission Cover Page

Bill To: Whistler Blackcomb Holdings Inc. Project ID: Lot ID: 1242549

4545 Blackcomb Way Project Name: Chic Pea Well Control Number:

Whistler, BC, CanadaProject Location:Date Received:Dec 1, 2017V0N 1B4LSD:Date Reported:Dec 6, 2017Accounts PayableP.O.:683957Report Number:2248002

Sampled By: Proj. Acct. code:

Company:

Attn:

Contact	Company	Address				
Accounts Payable	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way				
	Whistler & Blackcomb Mountain Resort Ltd.	Mark at a Booken and				
		Whistler, BC V0N 1B4				
		Phone: (604) 932-3141 Fax: (604) 932-0416				
		Email: apinvoice@vailresorts.com				
Delivery	<u>Format</u>	<u>Deliverables</u>				
Email - Single Report	PDF	Invoice				
NaTai Perdue	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way				
	Whistler & Blackcomb Mountain Resort Ltd.					
		Whistler, BC V0N 1B4				
		Phone: (604) 938-7593 Fax: (604) 938-7532				
		Email: nperdue@vailresorts.com				
Delivery	<u>Format</u>	<u>Deliverables</u>				
Email - Single Report	PDF	COA				
Email - Single Report	PDF	Invoice				
Email - Single Report	PDF	Test Report				

Notes To Clients:

• Dec 06, 2017 - The analysis of water sample 1242549-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the February 2017 Guidelines for Canadian Drinking Water Quality for the parameters tested.

The information contained on this and all other pages transmitted, is intended for the addressee only and is considered confidential.

If the reader is not the intended recipient, you are hereby notified that any use, dissemination, distribution or copy of this transmission is strictly prohibited.

If you receive this transmission by error, or if this transmission is not satisfactory, please notify us by telephone.

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Lot ID: 1242549

Dec 1, 2017

Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

Control Number: 4545 Blackcomb Way Project Name: Chic Pea Well

Whistler, BC, Canada Project Location: Date Received:

LSD:

V0N 1B4 Date Reported: Dec 6, 2017 Attn: Accounts Payable P.O.: 683957 Report Number: 2248002

Proj. Acct. code: Sampled By:

Company:

Reference Number 1242549-1

> Sample Date November 30, 2017

Sample Time 10:30 **Sample Location**

Sample Description Chic Pea Well / 5.0 °C

Drinking Water Sample Matrix

		-		Nominal Detection	Guideline	Guideline
Analyte		Units	Result	Limit	Limit	Comments
Metals Extractable						
Aluminum	Extractable	mg/L	0.033	0.001	0.1	Below OG
Antimony	Extractable	mg/L	<0.00002	0.00002	0.006	Below MAC
Arsenic	Extractable	mg/L	0.0005	0.0001	0.010	Below MAC
Barium	Extractable	mg/L	0.0003	0.0001	1	Below MAC
Boron	Extractable	mg/L	< 0.002	0.002	5	Below MAC
Cadmium	Extractable	mg/L	< 0.00001	0.00001	0.005	Below MAC
Chromium	Extractable	mg/L	< 0.00005	0.00005	0.05	Below MAC
Copper	Extractable	mg/L	0.0008	0.0005	1.0	Below AO
Lead	Extractable	mg/L	0.00018	0.00001	0.01	Below MAC
Selenium	Extractable	mg/L	< 0.0002	0.0002	0.05	Below MAC
Uranium	Extractable	mg/L	0.00001	0.00001	0.02	Below MAC
Vanadium	Extractable	mg/L	< 0.00005	0.00005		
Zinc	Extractable	mg/L	0.0028	0.0005	5.0	Below AO
Microbiological Analysis						
Total Coliforms	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Escherichia coli	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Physical and Aggregate	Properties					
Colour	True	Colour units	<5	5		
Turbidity		NTU	8.4	0.05		
Routine Water						
pH - Holding Time			Exceeded			
рН	at 25 °C		7.85		7.0-10.5	Within Range
Electrical Conductivity		μS/cm at 25 °C	295	1		
Calcium	Extractable	mg/L	60	0.01		
Iron	Extractable	mg/L	0.53	0.004	0.3	Above AO
Magnesium	Extractable	mg/L	0.97	0.02		
Manganese	Extractable	mg/L	0.012	0.001	0.05	Below AO
Potassium	Extractable	mg/L	0.17	0.04		
Silicon	Extractable	mg/L	4.1	0.005		
Sodium	Extractable	mg/L	2.9	0.1	200	Below AO
T-Alkalinity	as CaCO3	mg/L	83	5		
Chloride	Dissolved	mg/L	5.18	0.05	250	Below AO
Fluoride	Dissolved	mg/L	0.05	0.01	1.5	Below MAC
Nitrate - N	Dissolved	mg/L	0.01	0.01	10	Below MAC
Nitrite - N	Dissolved	mg/L	<0.01	0.01	1	Below MAC
Sulfate (SO4)	Dissolved	mg/L	63.9	0.1	500	Below AO
Hardness	as CaCO3	mg/L	150	1	-	-
	(extractable)	<i>y</i> –				

#104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Lot ID: 1242549

Date Reported:

Dec 1, 2017

Dec 6, 2017

Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

4545 Blackcomb Way Project Name: Chic Pea Well Control Number:

Project Location: Whistler, BC, Canada Date Received:

V0N 1B4 LSD:

Attn: Accounts Payable P.O.: 683957 Report Number: 2248002

Sampled By: Proj. Acct. code:

Company:

Reference Number 1242549-1

> Sample Date November 30, 2017

Sample Time 10:30

Sample Location

Chic Pea Well / 5.0 °C **Sample Description**

Sample Matrix **Drinking Water**

Nominal Detection Guideline Guideline Limit Limit Comments **Analyte** Units Result **Routine Water - Continued Total Dissolved Solids** Extractable 194 1 mg/L

Approved by:

Mathieu Simoneau

Mothis

Page 3 of 3 **EXOVA**

Methodology and Notes

Bill To: Whistler Blackcomb Holdings Inc. Project ID: Lot ID: 1242549

4545 Blackcomb Way Project Name: Chic Pea Well Control Number:

Whistler, BC, Canada Project Location: Date Received: Dec 1, 2017

V0N 1B4 LSD: Date Reported: Dec 6, 2017

Accounts Payable P.O.: 683957 Report Number: 2248002

Sampled By: Proj. Acct. code:

Company:

Attn:

Method of Analysis			
Method Name	Reference	Method Date Analysis Location Started	I
Alk, pH, EC, Turb in water (Surrey)	APHA	* Alkalinity - Titration Method, 2320 B Dec 2, 2017 Exova S	urrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* Conductivity, 2510 B Dec 2, 2017 Exova S	urrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* pH - Electrometric Method, 4500-H+ B Dec 2, 2017 Exova S	urrey
Anions by IEC in water (Surrey)	АРНА	* Ion Chromatography with Chemical Dec 1, 2017 Exova S Suppression of Eluent Cond., 4110 B	urrey
Metals SemiTrace (Extractable) in water (Surrey)	US EPA	 Metals & Trace Elements by ICP-AES, Dec 1, 2017 Exova S 6010C 	urrey
Total and E-Coli - Colilert - DW (Surrey)	APHA	Enzyme Substrate Test, APHA 9223 B Dec 1, 2017 Exova S	urrey
Trace Metals (extractable) in Water (Surrey)	US EPA	 Determination of Trace Elements in Dec 1, 2017 Exova S Waters and Wastes by ICP-MS, 200.8 	urrey
True Color in water (Surrey)	APHA	 * Spectrophotometric - Single Wavelength Dec 2, 2017 Exova S Method, 2120 C 	urrey
Turbidity - Water (Surrey)	APHA	* Turbidity - Nephelometric Method, 2130 B Dec 1, 2017 Exova S	urrey

^{*} Reference Method Modified

References

APHA Standard Methods for the Examination of Water and Wastewater

US EPA US Environmental Protection Agency Test Methods

Guidelines

Guideline Description Health Canada GCDWQ

Guideline Source Guidelines for Canadian Drinking Water Quality, Health Canada, February 2017

Guideline Comments MAC = Maximum Acceptable Concentration

AO = Aesthetic Objective

OG = Operational Guideline for Water Treatment Plants

Refer to Health Canada GCDWQ for complete guidelines and additional drinking water information at www.hc-sc.gc.ca

Comments:

• Dec 06, 2017 - The analysis of water sample 1242549-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the February 2017 Guidelines for Canadian Drinking Water Quality for the parameters tested.

The comparison of test results to guideline limits is provided for information purposes only. This is not to be taken as a statement of conformance / nonconformance to any guideline, regulation or limit. The data user is responsible for all conclusions drawn with respect to the data and is advised to consult official regulatory references when evaluating compliance.

Please direct any inquiries regarding this report to our Client Services Group or to the Operations Manager at the coordinates indicated at the top left of this page.

Results relate only to samples as submitted.

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



WATER FACILITY EVALUATION REPORT Health Protection

Premises Name	Tel: (604) 938-7661	
Whistler Mountain - Roundhouse Lodge	Fax: (604) 938-7532	
Premises Address	Inspection Date	Time Spent
4545 Blackcomb Way	April 24, 2018	1 hour
Whistler, BC V0N 1B4		
Operator (Person in Charge)		
Na Tai Perdue		
Inspection Type		
Evaluation		
Observed Violations		
There are no observed violations.		
Section Details		
0		
Comments		
This is a 2017 year end summary inspection report for the Roul		
services the Roundhouse Lodge and Alpine Shop on Whistler I	Mountain. The sources s	upplying the
water system are wells 1,4, and 5.		11 7 0
The Operating Permit for this Drinking Water system contains t	he following conditions:	
The Operating Fermit for this Drinking Water system contains t	the following conditions.	
Manitantan F. Oali and Tatal California and manthly and in according		la
Monitor for E. Coli and Total Coliform semi monthly and in acco	ordance with monitoring p	ian
Review and update the Emergency Response Plan annually.		
Prepare a Cross Connection Control Plan		
A shamical analysis of the well source water was conducted in	December 2017 Chemia	al regulta are
A chemical analysis of the well source water was conducted in		
below the Operational Guidelines, Maximum Acceptable Conce	entrations and Aesthetic C	Objectives of the
Canadian Drinking Water Guidelines. A 2017 water monitoring	plan schedule has been	submitted. A
total of 52 samples were collected from the distribution system,		
as a condition of the Operating Permit as semi-monthly for each		
months of operation. The 2017 sample range report indicates by		
accordance with the potable water quality standards of the BC	Drinking Water Protectior	n Regulation.
Annual Reports for this system have been submitted in a timely	manner, a copy of the 20	016 annual report
has been completed. The 2017 Annual Report is due on June 3		•
That book completed. The 2017 Familiar Report to add on cario c	70ti i, 2010.	
The Emergency Response Plan is complete and up to date. Pl	agga undata vaur Emara	onay Pagnanga
The Emergency Response Plan is complete and up to date. Plants at a response to the state of the		ency nesponse
plan to include the current list of VCH contacts provided with th	is report.	
Action Taken		
☐ Information Exchanged		
Hazard Rating For Your Facility:	nh ☐ Moderate ☒ Low	
I lazara fracing For Four Facility.	gii 🗀 Moderale 🖂 LOW	
DWO		1
DWO Printed Name		
2.1.3.1		

Report No. Page 1 of 2

James Whalen

Report No. Page 2 of 2

Sample Range Report

Vancouver Coastal Health

Facility Name: Whistler Mountain - Roundhouse Lodge

Date Range: Jan 1 2017 to Dec 31 2017

Operator Na Tai Perdue

4545 Blackcomb Way Whistler, BC V0N 1B4

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
Roundhouse Restaurant, Whistler				
<u>Mountain</u>				
	1/3/2017	L1	L1	
	1/17/2017	L1	L1	
	1/31/2017	L1	L1	
	2/14/2017	L1	L1	
	2/28/2017	L1	L1	
	3/14/2017	L1	L1	
	3/28/2017	L1	L1	
	4/11/2017	L1	L1	
	4/25/2017	L1	L1	
	5/10/2017	L1	L1	
	5/24/2017	L1	L1	
	6/6/2017	L1	L1	
	7/4/2017	L1	L1	
	7/17/2017	L1	L1	
	7/31/2017	L1	L1	
	8/14/2017	L1	L1	
	8/29/2017	L1	L1	
	9/12/2017	L1	L1	
	9/26/2017	L1	L1	
	10/11/2017	L1	L1	
	10/24/2017	L1	L1	
	11/7/2017	L1	L1	
	11/20/2017	T		
	12/4/2017	L1	L1	
	12/18/2017	<u>L1</u>	<u>L1</u> 0	
	Total Positive:	0	0	
Prep Kitchen, Whistler Mountain				
	6/20/2017	L1	L1	
	6/20/2017	<u>L1</u>	<u>L1</u>	
	Total Positive :	0	0	

Whistler Alpine
Shop, Whistler
Mountain

1/3/2017	L1	L1
1/17/2017	L1	L1
1/31/2017	L1	L1
2/14/2017	L1	L1
2/28/2017	L1	L1
3/14/2017	L1	L1
3/28/2017	L1	L1
4/11/2017	L1	L1
4/25/2017	L1	L1
5/10/2017	L1	L1
5/24/2017	L1	L1
6/6/2017	L1	L1
7/4/2017	L1	L1
7/17/2017	L1	L1
7/31/2017	L1	L1
8/14/2017	L1	L1
8/29/2017	L1	L1
9/12/2017	L1	L1
9/26/2017	L1	L1
10/11/2017	L1	L1
10/24/2017	L1	L1
11/7/2017	L1	L1
11/20/2017	T	
12/4/2017	L1	L1
12/18/2017	<u>L1</u>	<u>L1</u>
otal Positive:	0	0

Result Values:	E - estimate	d	L - less than	G - greater than	
Samples that contain		0		0.00% of total	
Samples that contain Samples that contain		0		0.00% of total 0.00% of total	
Number of consecuti contain total coliform	•	0			
Number of samples to coliform in last 30 da		0/0			
Total number of sam	ples:	52			

Comments:

Environmental Health Officer Apr 24 2018

FOR FURTHER INFORMATION PLEASE CALL: James Whalen (604) 932-3202

Exova #104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Report Transmission Cover Page

Bill To: Whistler Blackcomb Holdings Inc. Project ID: Lot ID: 1242548

4545 Blackcomb Way Project Name: RHL Well # 1 Control Number:

Whistler, BC, CanadaProject Location:Date Received:Dec 1, 2017V0N 1B4LSD:Date Reported:Dec 6, 2017Accounts PayableP.O.:683957Report Number:2248001

Sampled By: Proj. Acct. code:

Company:

Attn:

Contact	Company	Address				
Accounts Payable	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way				
	Whistler & Blackcomb Mountain Resort Ltd.	Mark at a Booken and				
		Whistler, BC V0N 1B4				
		Phone: (604) 932-3141 Fax: (604) 932-0416				
		Email: apinvoice@vailresorts.com				
Delivery	<u>Format</u>	<u>Deliverables</u>				
Email - Single Report	PDF	Invoice				
NaTai Perdue	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way				
	Whistler & Blackcomb Mountain Resort Ltd.					
		Whistler, BC V0N 1B4				
		Phone: (604) 938-7593 Fax: (604) 938-7532				
		Email: nperdue@vailresorts.com				
Delivery	<u>Format</u>	<u>Deliverables</u>				
Email - Single Report	PDF	COA				
Email - Single Report	PDF	Invoice				
Email - Single Report	PDF	Test Report				

Notes To Clients:

• Dec 06, 2017 - The analysis of water sample 1242548-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the February 2017 Guidelines for Canadian Drinking Water Quality for the parameters tested.

The information contained on this and all other pages transmitted, is intended for the addressee only and is considered confidential.

If the reader is not the intended recipient, you are hereby notified that any use, dissemination, distribution or copy of this transmission is strictly prohibited.

If you receive this transmission by error, or if this transmission is not satisfactory, please notify us by telephone.

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Lot ID: 1242548

Date Reported:

Dec 1, 2017

Dec 6, 2017

Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

Control Number: 4545 Blackcomb Way Project Name: RHL Well #1

Whistler, BC, Canada Project Location: Date Received:

V0N 1B4 LSD:

Attn: Accounts Payable P.O.: 683957 Report Number: 2248001

Sampled By: Proj. Acct. code:

Company:

Reference Number 1242548-1

> Sample Date November 30, 2017

Sample Time 11:00

Sample Location

Sample Description RHL Well # 1 / 5.0 °C

Sample Matrix **Drinking Water**

		Sample Matrix	Dilliking water	Nominal Detection	Guideline	Guideline
Analyte		Units	Result	Limit	Limit	Comments
Metals Extractable						
Aluminum	Extractable	mg/L	<0.001	0.001	0.1	Below OG
Antimony	Extractable	mg/L	0.00002	0.00002	0.006	Below MAC
Arsenic	Extractable	mg/L	0.0002	0.0001	0.010	Below MAC
Barium	Extractable	mg/L	0.0007	0.0001	1	Below MAC
Boron	Extractable	mg/L	0.005	0.002	5	Below MAC
Cadmium	Extractable	mg/L	0.00001	0.00001	0.005	Below MAC
Chromium	Extractable	mg/L	< 0.00005	0.00005	0.05	Below MAC
Copper	Extractable	mg/L	< 0.0005	0.0005	1.0	Below AO
Lead	Extractable	mg/L	0.00003	0.00001	0.01	Below MAC
Selenium	Extractable	mg/L	< 0.0002	0.0002	0.05	Below MAC
Uranium	Extractable	mg/L	< 0.00001	0.00001	0.02	Below MAC
Vanadium	Extractable	mg/L	< 0.00005	0.00005		
Zinc	Extractable	mg/L	0.0035	0.0005	5.0	Below AO
Microbiological Analysi	s					
Total Coliforms	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Escherichia coli	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Physical and Aggregate	Properties					
Colour	True	Colour units	<5	5		
Turbidity		NTU	0.22	0.05		
Routine Water						
pH - Holding Time			Exceeded			
рН	at 25 °C		7.39		7.0-10.5	Within Range
Electrical Conductivity		μS/cm at 25 °C	262	1		
Calcium	Extractable	mg/L	49	0.01		
Iron	Extractable	mg/L	0.034	0.004	0.3	Below AO
Magnesium	Extractable	mg/L	1.3	0.02		
Manganese	Extractable	mg/L	0.004	0.001	0.05	Below AO
Potassium	Extractable	mg/L	0.29	0.04		
Silicon	Extractable	mg/L	3.2	0.005		
Sodium	Extractable	mg/L	4.0	0.1	200	Below AO
T-Alkalinity	as CaCO3	mg/L	72	5		
Chloride	Dissolved	mg/L	6.29	0.05	250	Below AO
Fluoride	Dissolved	mg/L	0.02	0.01	1.5	Below MAC
Nitrate - N	Dissolved	mg/L	0.27	0.01	10	Below MAC
Nitrite - N	Dissolved	mg/L	<0.01	0.01	1	Below MAC
Sulfate (SO4)	Dissolved	mg/L	54.6	0.1	500	Below AO
Hardness	as CaCO3 (extractable)	mg/L	130	1		-

#104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Lot ID: 1242548

Date Reported:

Dec 1, 2017

Dec 6, 2017

Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

4545 Blackcomb Way Project Name: RHL Well #1 Control Number:

Whistler, BC, Canada Project Location: Date Received:

V0N 1B4 LSD:

Attn: Accounts Payable P.O.: 683957 Report Number: 2248001

Sampled By: Proj. Acct. code:

Company:

Reference Number 1242548-1

> Sample Date November 30, 2017

Sample Time 11:00

Sample Location

Sample Description RHL Well # 1 / 5.0 °C

Sample Matrix **Drinking Water**

Nominal Detection Guideline Guideline Limit Limit Comments **Analyte** Units Result **Routine Water - Continued Total Dissolved Solids** Extractable 168 1 mg/L

Approved by:

Mathieu Simoneau

Mothis

Page 3 of 3 **EXOVA**

Lot ID: 1242548

Methodology and Notes

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

4545 Blackcomb Way Project Name: RHL Well # 1 Control Number:

Whistler, BC, Canada Project Location: Date Received: Dec 1, 2017 V0N 1B4 LSD: Date Reported: Dec 6, 2017 Accounts Payable P.O.: 683957 Report Number: 2248001

Sampled By: Proj. Acct. code:

Company:

Attn:

Method of Analysis				
Method Name	Reference	Method	Date Analysis Started	Location
Alk, pH, EC, Turb in water (Surrey)	APHA	* Alkalinity - Titration Method, 2320 B	Dec 2, 2017	Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* Conductivity, 2510 B	Dec 2, 2017	Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* pH - Electrometric Method, 4500-H+ B	Dec 2, 2017	Exova Surrey
Anions by IEC in water (Surrey)	APHA	 * Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B 	Dec 1, 2017	Exova Surrey
Metals SemiTrace (Extractable) in water (Surrey)	US EPA	 Metals & Trace Elements by ICP-AES, 6010C 	Dec 1, 2017	Exova Surrey
Fotal and E-Coli - Colilert - DW Surrey)	APHA	Enzyme Substrate Test, APHA 9223 B	Dec 1, 2017	Exova Surrey
Trace Metals (extractable) in Water (Surrey)	US EPA	 Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8 	Dec 1, 2017	Exova Surrey
True Color in water (Surrey)	APHA	 * Spectrophotometric - Single Wavelength Method, 2120 C 	Dec 2, 2017	Exova Surrey
Turbidity - Water (Surrey)	APHA	* Turbidity - Nephelometric Method, 2130 B	Dec 1, 2017	Exova Surrey

^{*} Reference Method Modified

References

APHA Standard Methods for the Examination of Water and Wastewater

US EPA US Environmental Protection Agency Test Methods

Guidelines

Guideline Description Health Canada GCDWQ

Guideline Source Guidelines for Canadian Drinking Water Quality, Health Canada, February 2017

Guideline Comments MAC = Maximum Acceptable Concentration

AO = Aesthetic Objective

OG = Operational Guideline for Water Treatment Plants

Refer to Health Canada GCDWQ for complete guidelines and additional drinking water information at www.hc-sc.gc.ca

Comments:

• Dec 06, 2017 - The analysis of water sample 1242548-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the February 2017 Guidelines for Canadian Drinking Water Quality for the parameters tested.

The comparison of test results to guideline limits is provided for information purposes only. This is not to be taken as a statement of conformance / nonconformance to any guideline, regulation or limit. The data user is responsible for all conclusions drawn with respect to the data and is advised to consult official regulatory references when evaluating compliance.

Please direct any inquiries regarding this report to our Client Services Group or to the Operations Manager at the coordinates indicated at the top left of this page.

Results relate only to samples as submitted.

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

#104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Report Transmission Cover Page

Lot ID: 1242562 Bill To: Whistler Blackcomb Holdings Inc. Project ID:

4545 Blackcomb Way Project Name: RHL Well #4 Control Number:

Project Location: Whistler, BC, Canada Date Received: Dec 1, 2017 V0N 1B4 LSD: Date Reported: Dec 6, 2017 P.O.: 683957 Report Number: 2248016

Accounts Payable Sampled By: Proj. Acct. code:

Company:

Attn:

Contact	Company	Address			
Accounts Payable	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way			
	Whistler & Blackcomb Mountain Resort Ltd.	Whistler, BC V0N 1B4	5	(004) 000 0440	
		Phone: (604) 932-3141 Email: apinvoice@vailresorts.com	Fax:	(604) 932-0416	
<u>Delivery</u>	<u>Format</u>	<u>Deliverables</u>			
Email - Single Report	PDF	Invoice			
NaTai Perdue	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way			
	Whistler & Blackcomb Mountain Resort Ltd.	M/highlan DO VON 4D4			
		Whistler, BC V0N 1B4	_		
		Phone: (604) 938-7593	Fax:	(604) 938-7532	
		Email: nperdue@vailresorts.com			
Delivery	<u>Format</u>	<u>Deliverables</u>			
Email - Single Report	PDF	COA			
Email - Single Report	PDF	Invoice			
Email - Single Report	PDF	Test Report			

Notes To Clients:

• Dec 06, 2017 - The Total Coliforms result in sample 1242562-1 exceeded the maximum acceptable concentration (MAC) as specified by the February 2017 Guidelines for Canadian Drinking Water Quality.

The information contained on this and all other pages transmitted, is intended for the addressee only and is considered confidential. If the reader is not the intended recipient, you are hereby notified that any use, dissemination, distribution or copy of this transmission is strictly prohibited. If you receive this transmission by error, or if this transmission is not satisfactory, please notify us by telephone.

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com

4545 Blackcomb Way

Whistler, BC, Canada



Lot ID: 1242562

Dec 1, 2017

Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

RHL Well #4 Project Name:

Control Number: Project Location: Date Received:

V0N 1B4 LSD:

Date Reported: Dec 6, 2017 Attn: Accounts Payable P.O.: 683957 Report Number: 2248016

Sampled By: Proj. Acct. code:

Company:

Reference Number 1242562-1

> Sample Date November 30, 2017

Sample Time 10:45

Sample Location

Sample Description RHL Well # 4 / 5.0 °C

Sample Matrix **Drinking Water**

		Sample Matrix	Dilliking water	Nominal Detection	Guideline	Guideline
Analyte		Units	Result	Limit	Limit	Comments
Metals Extractable						
Aluminum	Extractable	mg/L	0.008	0.001	0.1	Below OG
Antimony	Extractable	mg/L	< 0.00002	0.00002	0.006	Below MAC
Arsenic	Extractable	mg/L	<0.0001	0.0001	0.010	Below MAC
Barium	Extractable	mg/L	0.0005	0.0001	1	Below MAC
Boron	Extractable	mg/L	0.002	0.002	5	Below MAC
Cadmium	Extractable	mg/L	< 0.00001	0.00001	0.005	Below MAC
Chromium	Extractable	mg/L	0.00061	0.00005	0.05	Below MAC
Copper	Extractable	mg/L	0.0013	0.0005	1.0	Below AO
Lead	Extractable	mg/L	0.00006	0.00001	0.01	Below MAC
Selenium	Extractable	mg/L	< 0.0002	0.0002	0.05	Below MAC
Uranium	Extractable	mg/L	< 0.00001	0.00001	0.02	Below MAC
Vanadium	Extractable	mg/L	< 0.00005	0.00005		
Zinc	Extractable	mg/L	0.0015	0.0005	5.0	Below AO
Microbiological Analysi	s					
Total Coliforms	Enzyme Substrate Test	MPN/100 mL	1.0	1.0	0 per 100 mL	Above MAC
Escherichia coli	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Physical and Aggregate	Properties					
Colour	True	Colour units	<5	5		
Turbidity		NTU	0.94	0.05		
Routine Water						
pH - Holding Time			Exceeded			
рН	at 25 °C		8.27		7.0-10.5	Within Range
Electrical Conductivity		μS/cm at 25 °C	119	1		
Calcium	Extractable	mg/L	16	0.01		
Iron	Extractable	mg/L	0.37	0.004	0.3	Above AO
Magnesium	Extractable	mg/L	0.29	0.02		
Manganese	Extractable	mg/L	0.013	0.001	0.05	Below AO
Potassium	Extractable	mg/L	0.10	0.04		
Silicon	Extractable	mg/L	4.4	0.005		
Sodium	Extractable	mg/L	8.2	0.1	200	Below AO
T-Alkalinity	as CaCO3	mg/L	18	5		
Chloride	Dissolved	mg/L	0.27	0.05	250	Below AO
Fluoride	Dissolved	mg/L	0.05	0.01	1.5	Below MAC
Nitrate - N	Dissolved	mg/L	<0.01	0.01	10	Below MAC
Nitrite - N	Dissolved	mg/L	<0.01	0.01	1	Below MAC
Sulfate (SO4)	Dissolved	mg/L	32.5	0.1	500	Below AO
Hardness	as CaCO3 (extractable)	mg/L	42	1		

#104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Lot ID: 1242562

Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

Project Name: RHL Well #4 Control Number:

4545 Blackcomb Way Whistler, BC, Canada Project Location: Date Received:

Dec 1, 2017 V0N 1B4 LSD: Date Reported: Dec 6, 2017 Accounts Payable P.O.: 683957 Report Number: 2248016

Sampled By: Proj. Acct. code:

Company:

Attn:

Reference Number 1242562-1

Sample Date November 30, 2017

Sample Time 10:45

Sample Location

Sample Description RHL Well # 4 / 5.0 °C

Sample Matrix **Drinking Water**

Nominal Detection Guideline Guideline Limit Limit Comments **Analyte** Units Result **Routine Water - Continued Total Dissolved Solids** Extractable 80 1 mg/L

Approved by:

Mathieu Simoneau

Mothis

Page 3 of 3

1242562

Lot ID:

Methodology and Notes

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

Project Name: RHL Well #4

4545 Blackcomb Way Control Number:

Whistler, BC, Canada Project Location: Date Received: Dec 1, 2017 V0N 1B4 LSD: Date Reported: Dec 6, 2017 Accounts Payable P.O.: 683957 Report Number: 2248016

Sampled By: Proj. Acct. code:

Company:

Attn:

Method of Analysis				
Method Name	Reference	Method	Date Analysis Started	Location
Alk, pH, EC, Turb in water (Surrey)	APHA	* Alkalinity - Titration Method, 2320 B	Dec 2, 2017	Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* Conductivity, 2510 B	Dec 2, 2017	Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* pH - Electrometric Method, 4500-H+ B	Dec 2, 2017	Exova Surrey
Anions by IEC in water (Surrey)	АРНА	 * Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B 	Dec 1, 2017	Exova Surrey
Metals SemiTrace (Extractable) in water (Surrey)	US EPA	 Metals & Trace Elements by ICP-AES, 6010C 	Dec 1, 2017	Exova Surrey
Total and E-Coli - Colilert - DW (Surrey)	APHA	Enzyme Substrate Test, APHA 9223 B	Dec 1, 2017	Exova Surrey
Trace Metals (extractable) in Water (Surrey)	US EPA	 Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8 	Dec 1, 2017	Exova Surrey
True Color in water (Surrey)	APHA	 * Spectrophotometric - Single Wavelength Method, 2120 C 	Dec 2, 2017	Exova Surrey
Turbidity - Water (Surrey)	АРНА	* Turbidity - Nephelometric Method, 2130 E	Dec 1, 2017	Exova Surrey

^{*} Reference Method Modified

References

APHA Standard Methods for the Examination of Water and Wastewater

US EPA US Environmental Protection Agency Test Methods

Guidelines

Guideline Description Health Canada GCDWQ

Guideline Source Guidelines for Canadian Drinking Water Quality, Health Canada, February 2017

Guideline Comments MAC = Maximum Acceptable Concentration

AO = Aesthetic Objective

OG = Operational Guideline for Water Treatment Plants

Refer to Health Canada GCDWQ for complete guidelines and additional drinking water information at www.hc-sc.gc.ca

Comments:

• Dec 06, 2017 - The Total Coliforms result in sample 1242562-1 exceeded the maximum acceptable concentration (MAC) as specified by the February 2017 Guidelines for Canadian Drinking Water Quality.

> The comparison of test results to guideline limits is provided for information purposes only. This is not to be taken as a statement of conformance / nonconformance to any guideline, regulation or limit. The data user is responsible for all conclusions drawn with respect to the data and is advised to consult official regulatory references when evaluating compliance.

Please direct any inquiries regarding this report to our Client Services Group or to the Operations Manager at the coordinates indicated at the top left of this page.

Results relate only to samples as submitted.

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

Exova #104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Report Transmission Cover Page

Bill To: Whistler Blackcomb Holdings Inc. Project ID: Lot ID: 1242551

4545 Blackcomb Way Project Name: RHL Well # 5 Control Number:

Whistler, BC, Canada Project Location: Date Received: Dec 1, 2017 VON 1B4 LSD: Date Reported: Dec 6, 2017

Attn: Accounts Payable P.O.: 683957 Report Number: 2248005

Sampled By: Proj. Acct. code:

Company:

Contact	Company	Address				
Accounts Payable	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way				
	Whistler & Blackcomb Mountain Resort Ltd.	Whistler, BC V0N 1B4 Phone: (604) 932-3141 Email: apinvoice@vailresorts.com	Fax:	(604) 932-0416		
Delivery	<u>Format</u>	<u>Deliverables</u>				
Email - Single Report	PDF	Invoice				
NaTai Perdue	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way				
	Whistler & Blackcomb Mountain Resort Ltd.	Whistler, BC V0N 1B4 Phone: (604) 938-7593 Email: nperdue@vailresorts.com	Fax:	(604) 938-7532		
Delivery	<u>Format</u>	<u>Deliverables</u>				
Email - Single Report	PDF	COA				
Email - Single Report	PDF	Invoice				
Email - Single Report	PDF	Test Report				

Notes To Clients:

• Dec 06, 2017 - The analysis of water sample 1242551-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the February 2017 Guidelines for Canadian Drinking Water Quality for the parameters tested.

The information contained on this and all other pages transmitted, is intended for the addressee only and is considered confidential.

If the reader is not the intended recipient, you are hereby notified that any use, dissemination, distribution or copy of this transmission is strictly prohibited.

If you receive this transmission by error, or if this transmission is not satisfactory, please notify us by telephone.

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

RHL Well #5 Project Name:

Control Number:

4545 Blackcomb Way Whistler, BC, Canada

Project Location:

Date Received: Dec 1, 2017

Lot ID: 1242551

V0N 1B4

LSD:

Date Reported: Dec 6, 2017

Attn: Accounts Payable P.O.:

Report Number: 2248005

Sampled By: Company: Proj. Acct. code:

Reference Number 1242551-1

Sample Date

November 30, 2017

Sample Time

10:00

683957

Sample Location Sample Description

RHL Well # 5 / 5.0 °C

Sample Matrix

Drinking Water

Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Metals Extractable		Onits	Nesuit			
Aluminum	Extractable	mg/L	0.007	0.001	0.1	Below OG
Antimony	Extractable	mg/L	<0.007	0.0001	0.006	Below MAC
Arsenic	Extractable		0.0002	0.0002	0.006	Below MAC
Barium	Extractable	mg/L	0.0019	0.0001		Below MAC
		mg/L			1	
Boron	Extractable	mg/L	<0.002	0.002	5	Below MAC
Cadmium	Extractable	mg/L	<0.00001	0.00001	0.005	Below MAC
Chromium	Extractable	mg/L	<0.00005	0.00005	0.05	Below MAC
Copper	Extractable	mg/L	<0.0005	0.0005	1.0	Below AO
Lead	Extractable	mg/L	0.00003	0.00001	0.01	Below MAC
Selenium	Extractable	mg/L	0.0003	0.0002	0.05	Below MAC
Uranium	Extractable	mg/L	<0.00001	0.00001	0.02	Below MAC
Vanadium	Extractable	mg/L	0.00030	0.00005		
Zinc	Extractable	mg/L	0.0315	0.0005	5.0	Below AO
Microbiological Analysis	S					
Total Coliforms	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Escherichia coli	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Physical and Aggregate	Properties					
Colour	True	Colour units	<5	5		
Turbidity		NTU	2.6	0.05		
Routine Water						
pH - Holding Time			Exceeded			
pН	at 25 °C		7.77		7.0-10.5	Within Range
Electrical Conductivity		μS/cm at 25 °C	106	1		
Calcium	Extractable	mg/L	16	0.01		
Iron	Extractable	mg/L	0.017	0.004	0.3	Below AO
Magnesium	Extractable	mg/L	0.58	0.02		
Manganese	Extractable	mg/L	<0.001	0.001	0.05	Below AO
Potassium	Extractable	mg/L	0.14	0.04		
Silicon	Extractable	mg/L	2.0	0.005		
Sodium	Extractable	mg/L	1.4	0.1	200	Below AO
T-Alkalinity	as CaCO3	mg/L	18	5		_ 3.5 10
Chloride	Dissolved	mg/L	15.6	0.05	250	Below AO
Fluoride	Dissolved	mg/L	0.01	0.01	1.5	Below MAC
Nitrate - N	Dissolved	mg/L	0.08	0.01	10	Below MAC
Nitrite - N	Dissolved	mg/L	<0.01	0.01	10	Below MAC
Sulfate (SO4)	Dissolved	mg/L	8.3	0.01	500	Below MAC
Hardness	as CaCO3	· ·	6.3 41	1	500	Delow AO
i iai ul icss	(extractable)	mg/L	41	į.		

#104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Lot ID: 1242551

Report Number: 2248005

Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

Project Name: RHL Well #5 Control Number:

4545 Blackcomb Way

Project Location: Whistler, BC, Canada Date Received: Dec 1, 2017 V0N 1B4 LSD: Date Reported: Dec 6, 2017

683957

Sampled By: Proj. Acct. code:

Accounts Payable

Company:

Attn:

Reference Number 1242551-1

Sample Date November 30, 2017

Sample Time 10:00

Sample Location

P.O.:

Sample Description RHL Well # 5 / 5.0 °C

Sample Matrix **Drinking Water**

Nominal Detection Guideline Guideline Limit Limit Comments **Analyte** Units Result **Routine Water - Continued Total Dissolved Solids** Extractable 58 1 mg/L

Approved by:

Mathieu Simoneau

Mothis

Page 3 of 3 **EXOVA**

Lot ID: 1242551

Methodology and Notes

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

4545 Blackcomb Way Project Name: RHL Well # 5 Control Number:

Whistler, BC, CanadaProject Location:Date Received:Dec 1, 2017V0N 1B4LSD:Date Reported:Dec 6, 2017Accounts PayableP.O.:683957Report Number:2248005

Sampled By: Proj. Acct. code:

Company:

Attn:

Method of Analysis				
Method Name	Reference	Method	Date Analysis Started	Location
Alk, pH, EC, Turb in water (Surrey)	APHA	* Alkalinity - Titration Method, 2320 B	Dec 2, 2017	Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* Conductivity, 2510 B	Dec 2, 2017	Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* pH - Electrometric Method, 4500-H+ B	Dec 2, 2017	Exova Surrey
Anions by IEC in water (Surrey)	АРНА	 * Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B 	Dec 1, 2017	Exova Surrey
Metals SemiTrace (Extractable) in water (Surrey)	US EPA	 Metals & Trace Elements by ICP-AES, 6010C 	Dec 1, 2017	Exova Surrey
Total and E-Coli - Colilert - DW (Surrey)	APHA	Enzyme Substrate Test, APHA 9223 B	Dec 1, 2017	Exova Surrey
Trace Metals (extractable) in Water (Surrey)	US EPA	 Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8 	Dec 1, 2017	Exova Surrey
True Color in water (Surrey)	APHA	 * Spectrophotometric - Single Wavelength Method, 2120 C 	Dec 2, 2017	Exova Surrey
Turbidity - Water (Surrey)	АРНА	* Turbidity - Nephelometric Method, 2130 E	Dec 1, 2017	Exova Surrey

^{*} Reference Method Modified

References

APHA Standard Methods for the Examination of Water and Wastewater

US EPA US Environmental Protection Agency Test Methods

Guidelines

Guideline Description Health Canada GCDWQ

Guideline Source Guidelines for Canadian Drinking Water Quality, Health Canada, February 2017

Guideline Comments MAC = Maximum Acceptable Concentration

AO = Aesthetic Objective

OG = Operational Guideline for Water Treatment Plants

Refer to Health Canada GCDWQ for complete guidelines and additional drinking water information at www.hc-sc.gc.ca

Comments:

• Dec 06, 2017 - The analysis of water sample 1242551-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the February 2017 Guidelines for Canadian Drinking Water Quality for the parameters tested.

The comparison of test results to guideline limits is provided for information purposes only. This is not to be taken as a statement of conformance / nonconformance to any guideline, regulation or limit. The data user is responsible for all conclusions drawn with respect to the data and is advised to consult official regulatory references when evaluating compliance.

Please direct any inquiries regarding this report to our Client Services Group or to the Operations Manager at the coordinates indicated at the top left of this page.

Results relate only to samples as submitted.

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



WATER FACILITY EVALUATION REPORT Health Protection

Premises Name	Tel: (604) 938-7661	
Whistler Mountain - Raven's Nest	Fax: (604) 938-7532	
Premises Address	Inspection Date	Time Spent
4545 Blackcomb Way	April 24, 2018	1 hour
Whistler, BC V0N 1B4		
Operator (Person in Charge)		
Na Tai Perdue		
Inspection Type		
Evaluation		
Observed Violations		
There are no observed violations.		
Section Details		
Comments		
This is a 2017 year end summary inspection report for Raven's Nest	water system which se	rvices
Raven's Nest food premises on Whistler Mountain.		
Thaven's rest resu promises on which wearitain.		
The Operating Permit for this Drinking Water system contains the fol	lowing conditions:	
The operating remit for this brinking water system contains the for	lowing conditions.	
Monitor supply for Total Coliform and E. Coli semi monthly and in ac	cordance with monitoring	na nlan
Review and update the Emergency Response Plan annually.	Cordance with monitorin	ig plait.
	_	
Maintain a free chlorine residual in the distribution system at all times	5.	
A shaminal analysis of the well source water was conducted in Doos	mbar 2017 All requite s	va balaw tha
A chemical analysis of the well source water was conducted in Dece		
Operational Guidelines, Maximum Acceptable Concentrations and A		
Drinking Water Guidelines. A 2017 water monitoring plan schedule I		
samples were collected from the distribution system, which would ex		
condition of the Operating Permit as semi-monthly based on 12 mon		
range report indicates bacteriological monitoring results are in accord	dance with the potable v	water quality
standards of the BC Drinking Water Protection Regulation.		
Annual Reports for this system have been submitted in a timely man	ner, a copy of the 2016	annual report
is available. The 2017 Annual Report is due on June 30th, 2018.	- , ,	
,		
A recently updated Emergency Response plan is available. Please u	indate vour Emergency	Response
plan to include the current list of VCH contacts provided with this rep		Пооролоо
plan to include the current list of vort contacts provided with this rep	Ort.	
Action Taken		
Information Exchanged		
Minormation Exchanged		
Userand Barbara Francisco		
Hazard Rating For Your Facility: High	Moderate 🛮 Low	
DWO		
DWO		
DWO Printed Name		
James Whalen		

Report No. Page 1 of 1

Sample Range Report

Vancouver Coastal Health

Facility Name: Whistler Mountain - Raven's Nest

Date Range: Jan 1 2017 to Dec 31 2017

Operator Na Tai Perdue

C/O 4545 Blackcomb Way Whistler, BC V0N 1B4

Sampling Site	Date Collected	Total	Coliform	E. Co	li Fecal Coliform
Raven's Nest					
Restaurant - Faucet,					
	1/3/2017		L1	L1	
	1/17/2017		L1	L1	
	1/31/2017		L1	L1	
	2/14/2017		L1	L1	
	2/28/2017		L1	L1	
	3/14/2017		L1	L1	
	3/28/2017		L1	L1	
	4/11/2017		L1	L1	
	7/4/2017		L1	L1	
	7/17/2017		L1	L1	
	8/29/2017		L1	L1	
	9/11/2017		L1	L1	
	10/24/2017		L1	L1	
	11/20/2017		Т		
	12/4/2017		L1	L1	
	12/18/2017		<u>L1</u>	<u>L1</u>	
	Total Positive :		0	0	
Raven's Nest,					
Whistler Mountain					
	7/31/2017		L1	L1	
	8/14/2017		<u>L1</u>	<u>L1</u>	
	Total Positive:	·	0	0	
Result Values:	E - estimate	d	L - less than		G - greater than
nesuit values.	E - estimate	u	L - less tilal	ı	G - greater than
Samples that contain	total coliform:	0			0.00% of total
Samples that contain	e. coli:	0			0.00% of total
Samples that contain		0			0.00% of total
Number of consecutive		0			
contain total coliform:					
Number of samples t	hat contain total	0/0			
coliform in last 30 day					
Total number of sam	oles:	18			

Comments:

Environmental Health Officer Jun 5 2018

FOR FURTHER INFORMATION PLEASE CALL: James Whalen (604) 932-3202

Exova #104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Report Transmission Cover Page

Bill To: Whistler Blackcomb Holdings Inc. Project ID: Lot ID: 1242569

4545 Blackcomb Way Project Name: Ravens Nest Well Control Number:

Whistler, BC, Canada Project Location: Date Received: Dec 1, 2017 VON 1B4 LSD: Date Reported: Dec 6, 2017

Attn: Accounts Payable P.O.: 683957 Report Number: 2248021

Sampled By: Proj. Acct. code:

Company:

Contact	Company	Address
Accounts Payable	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way
	Whistler & Blackcomb Mountain Resort Ltd.	Will de Boyon (B)
		Whistler, BC V0N 1B4
		Phone: (604) 932-3141 Fax: (604) 932-0416
		Email: apinvoice@vailresorts.com
Delivery	<u>Format</u>	<u>Deliverables</u>
Email - Single Report	PDF	Invoice
NaTai Perdue	Whistler Blackcomb Holdings Inc. dba	4545 Blackcomb Way
	Whistler & Blackcomb Mountain Resort Ltd.	
		Whistler, BC V0N 1B4
		Phone: (604) 938-7593 Fax: (604) 938-7532
		Email: nperdue@vailresorts.com
Delivery	<u>Format</u>	<u>Deliverables</u>
Email - Single Report	PDF	COA
Email - Single Report	PDF	Invoice
Email - Single Report	PDF	Test Report

Notes To Clients:

• Dec 06, 2017 - The analysis of water sample 1242569-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the February 2017 Guidelines for Canadian Drinking Water Quality for the parameters tested.

The information contained on this and all other pages transmitted, is intended for the addressee only and is considered confidential.

If the reader is not the intended recipient, you are hereby notified that any use, dissemination, distribution or copy of this transmission is strictly prohibited.

If you receive this transmission by error, or if this transmission is not satisfactory, please notify us by telephone.

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

4545 Blackcomb Way Project Name:

Whistler, BC, Canada Project Location:

V0N 1B4 LSD:

Attn: Accounts Payable P.O.:

Sampled By: Proj. Acct. code:

Company:

1 Toject Education.

683957

Ravens Nest Well

Date Received: Dec 1, 2017
Date Reported: Dec 6, 2017

Control Number:

Lot ID: 1242569

Report Number: 2248021

Reference Number 1242569-1
Sample Date November 30, 2017

Sample Time 11:00

Sample Location

Sample Description Ravens Nest Well / 5.0 °C

Sample Matrix Drinking Water

Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Metals Extractable						
Aluminum	Extractable	mg/L	0.003	0.001	0.1	Below OG
Antimony	Extractable	mg/L	< 0.00002	0.00002	0.006	Below MAC
Arsenic	Extractable	mg/L	0.0007	0.0001	0.010	Below MAC
Barium	Extractable	mg/L	0.0007	0.0001	1	Below MAC
Boron	Extractable	mg/L	0.004	0.002	5	Below MAC
Cadmium	Extractable	mg/L	< 0.00001	0.00001	0.005	Below MAC
Chromium	Extractable	mg/L	< 0.00005	0.00005	0.05	Below MAC
Copper	Extractable	mg/L	< 0.0005	0.0005	1.0	Below AO
Lead	Extractable	mg/L	< 0.00001	0.00001	0.01	Below MAC
Selenium	Extractable	mg/L	< 0.0002	0.0002	0.05	Below MAC
Uranium	Extractable	mg/L	< 0.00001	0.00001	0.02	Below MAC
Vanadium	Extractable	mg/L	< 0.00005	0.00005		
Zinc	Extractable	mg/L	0.0007	0.0005	5.0	Below AO
Microbiological Analysi	s					
Total Coliforms	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Escherichia coli	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Physical and Aggregate	Properties					
Colour	True	Colour units	<5	5		
Turbidity		NTU	0.18	0.05		
Routine Water						
pH - Holding Time			Exceeded			
рН	at 25 °C		7.87		7.0-10.5	Within Range
Electrical Conductivity		μS/cm at 25 °C	240	1		
Calcium	Extractable	mg/L	42	0.01		
Iron	Extractable	mg/L	0.036	0.004	0.3	Below AO
Magnesium	Extractable	mg/L	1.1	0.02		
Manganese	Extractable	mg/L	0.013	0.001	0.05	Below AO
Potassium	Extractable	mg/L	0.50	0.04		
Silicon	Extractable	mg/L	5.0	0.005		
Sodium	Extractable	mg/L	3.7	0.1	200	Below AO
T-Alkalinity	as CaCO3	mg/L	80	5		
Chloride	Dissolved	mg/L	0.33	0.05	250	Below AO
Fluoride	Dissolved	mg/L	0.03	0.01	1.5	Below MAC
Nitrate - N	Dissolved	mg/L	<0.01	0.01	10	Below MAC
Nitrite - N	Dissolved	mg/L	<0.01	0.01	1	Below MAC
Sulfate (SO4)	Dissolved	mg/L	40.6	0.1	500	Below AO
Hardness	as CaCO3 (extractable)	mg/L	110	1		

#104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: Surrey@exova.com W: www.exova.com



Analytical Report

Bill To: Whistler Blackcomb Holdings Inc. Project ID:

Lot ID: 1242569 Control Number:

4545 Blackcomb Way Whistler, BC, Canada

Project Location:

Date Received:

V0N 1B4

LSD:

Dec 1, 2017 Date Reported: Dec 6, 2017

Attn: Accounts Payable P.O.:

Report Number: 2248021

Sampled By:

Proj. Acct. code:

Project Name:

Company:

1242569-1

683957

Ravens Nest Well

Sample Date

November 30, 2017

Sample Time

11:00

Sample Location

Reference Number

Sample Description

Ravens Nest Well / 5.0 °C

Sample Matrix

Drinking Water

		•		Nominal Detection	Guideline	Guideline
Analyte		Units	Result	Limit	Limit	Comments
Routine Water - Continu	ed					
Total Dissolved Solids	Extractable	mg/L	150	1		

Approved by:

Mathieu Simoneau **Operations Manager**

Mathier

Page 3 of 3 **EXOVA**

1242569

Methodology and Notes

Bill To: Whistler Blackcomb Holdings Inc. Project ID: Lot ID:

4545 Blackcomb Way Project Name: Ravens Nest Well Control Number:

Whistler, BC, CanadaProject Location:Date Received:Dec 1, 2017V0N 1B4LSD:Date Reported:Dec 6, 2017Accounts PayableP.O.:683957Report Number:2248021

Sampled By: Proj. Acct. code:

Company:

Attn:

Method of Analysis				
Method Name	Reference	Method	Date Analysis Started	Location
Alk, pH, EC, Turb in water (Surrey)	APHA	* Alkalinity - Titration Method, 2320 B	Dec 2, 2017	Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* Conductivity, 2510 B	Dec 2, 2017	Exova Surrey
Alk, pH, EC, Turb in water (Surrey)	APHA	* pH - Electrometric Method, 4500-H+ B	Dec 2, 2017	Exova Surrey
Anions by IEC in water (Surrey)	APHA	 * Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B 	Dec 1, 2017	Exova Surrey
Metals SemiTrace (Extractable) in water (Surrey)	US EPA	 Metals & Trace Elements by ICP-AES, 6010C 	Dec 1, 2017	Exova Surrey
Fotal and E-Coli - Colilert - DW Surrey)	APHA	Enzyme Substrate Test, APHA 9223 B	Dec 1, 2017	Exova Surrey
Trace Metals (extractable) in Water (Surrey)	US EPA	 Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8 	Dec 1, 2017	Exova Surrey
True Color in water (Surrey)	APHA	 * Spectrophotometric - Single Wavelength Method, 2120 C 	Dec 2, 2017	Exova Surrey
Turbidity - Water (Surrey)	APHA	* Turbidity - Nephelometric Method, 2130 B	Dec 1, 2017	Exova Surrey

^{*} Reference Method Modified

References

APHA Standard Methods for the Examination of Water and Wastewater

US EPA US Environmental Protection Agency Test Methods

Guidelines

Guideline Description Health Canada GCDWQ

Guideline Source Guidelines for Canadian Drinking Water Quality, Health Canada, February 2017

Guideline Comments MAC = Maximum Acceptable Concentration

AO = Aesthetic Objective

OG = Operational Guideline for Water Treatment Plants

Refer to Health Canada GCDWQ for complete guidelines and additional drinking water information at www.hc-sc.gc.ca

Comments:

• Dec 06, 2017 - The analysis of water sample 1242569-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the February 2017 Guidelines for Canadian Drinking Water Quality for the parameters tested.

The comparison of test results to guideline limits is provided for information purposes only. This is not to be taken as a statement of conformance / nonconformance to any guideline, regulation or limit. The data user is responsible for all conclusions drawn with respect to the data and is advised to consult official regulatory references when evaluating compliance.

Please direct any inquiries regarding this report to our Client Services Group or to the Operations Manager at the coordinates indicated at the top left of this page.

Results relate only to samples as submitted.

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

Potable Water Emergency Contacts

All water inquiries should be directed first to the Water Purveyors.

Snowmaking is responsible for all on hill water supply and will respond from 905-8146, Radio ch. #4/6

Water Purveyors / Snowmaking												
Snowmakin	g Maintenance	604-9	-905-8146									
Supervisor	NaTai Perdue	938- 7593	c.905-8409									
Manager	Bob Pasch	938- 7234	c.905-9129									
Operator	Kevin Phelps	938- 7661	c.388-9523									

Vancouver Coastal Health													
Water Officer	James Whalen	w.935-5318	c.698-5422										
Water Officer	Len Clarkson	c.815.6841	w.892-7528										
EHO	Angela Whalen	w.892-2293	c.698-5467										
Manager	Mark Ritson	w.983-6751	c.219-7359										

Food & Beverage Contacts											
F&B Director	Paul Street	938-7239	c.905-9912								
Food Safety	James Linklater	938-7241	c.905-8329								
GM - Bars	Mike Varrin	938-7386	c.932-7821								
F&B Administrator	Rebecca Robbins	938-7353									
Catering Manager	Stephanie Spence	905-3039	c.778-997-8784								

Whistler/Blackcomb Contacts													
Electrical	Laird Brown	938-7208	c.932-7977										
Plumbing	Roy Molby	938-7254	c.905-9054										

Whistler Restaurants											
<u>Roundhouse</u>											
General Manager	Doug Burnett	905-2376	c.907-1190								
Asst. Manager	Dan Villeneuve	90	5-2373								
Chef	Larry Johnson	90	5-2375								
Chic Pea											
Supervisor	Enrico Cadei	90	5-2383								
	Ravens Ne	<u>st</u>									
Supervisor	Ashlee Ford	90	₅₋ 2176								
Child	dren's Learnin	g Cente	<u>r</u>								
Manager	Becky Seiler	4019	c.902-6629								
<u>Ollie's</u>											
Manager	Ria Jones	c.2	18-7428								

Blackcomb Restaurants														
<u>Rendezvous</u>														
Manager	James Paton	938-7400	c.902-4087											
Chef Waide Wright 938-7435														
<u>Horstman Hut</u>														
Manager	Alex Quinlan	902	-6633											
Supervisor	Rachel Cutler	938	7404											
	Glacier Cred	<u>ek</u>												
Manager	Sheila Kearns	938-7410	c.698-5607											
Chef	Harvey Upton	938	7429											
	<u>Crystal Hu</u>	<u>ıt</u>												
Manager	Alex Quinlan	902	-6633											
Supervisor	Brighid Brophy	938	7408											

Municipal Water Systems												
Dusty's & Backside												
Manager	Joshua Kearns	905-2146										
Supervisor	Harri Dobrochodow	905-2145										
	Garibaldi Lift Comp	<u>any</u>										
Manager	Mike Wilson	905- 2062										
Supervisor	Derek Pretty	905- 2050										
	EBCB											
Supervisor	Ria Jones	905- 2065										

Municipal Water Systems											
Merlin's & Wizard Grill											
Chef	Jordano Palacio	938-7706									
Manager	<u>18 Below</u> Maren Oetling	938- 7264									

Whistler/Blackcomb Potable Water 2017 Schedule

Whistler Mountain Updated March 2017

Site Name	Source	System Name	Sample Frequency	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Reservoir Storage
Whistler Alpine Shop	Deep Well	Whistler Mountain - Roundhouse Lodge	Bi-Weekly													
Roundhouse Lodge	Deep Well	Whistler Mountain - Roundhouse Lodge	Bi-Weekly													
RHL Well #1	Deep Well	Whistler Mountain - Roundhouse Lodge	Semi-Annually													100 000 gallons
RHL Well #4	Deep Well	Whistler Mountain - Roundhouse Lodge	Semi-Annually													
RHL Well #5	Deep Well	Whistler Mountain - Roundhouse Lodge	Semi-Annually													
Chic Pea	Deep Well	Whistler Mountain - Chic Pea	Bi-Weekly													10,000 gallana
Chic Pea Well	Deep Well	Whistler Mountain - Chic Pea	Semi-Annually													10 000 gallons
Raven's Nest	Deep Well	Whistler Mountain - Ravens Nest	Bi-Weekly													40,000 gallana
Raven's Nest Well	Deep Well	Whistler Mountain - Ravens Nest	Semi-Annually													10 000 gallons
Children's Learning Center	Deep Well	Whistler Mountain - Children's Learning Center	Bi-Weekly													
Olympic Station	Deep Well	Whistler Mountain - Children's Learning Center	Bi-Weekly													9 000 gallons
CLC Well	Deep Well	Whistler Mountain - Children's Learning Center	Semi-Annually													

Blackcomb Mountain

Site Name	Source	System Name		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Reservoir Storage
Horstman Hut	Deep Well	Blackcomb - Jersey Cream	Bi-Weekly													300 gallons
Horstman Patrol Hut	Deep Well	Blackcomb - Jersey Cream	Bi-Weekly													50 gallons
Blackcomb Alpine Shop	Deep Well	Blackcomb - Jersey Cream	Bi-Weekly													
Rendezvous	Deep Well	Blackcomb - Jersey Cream	Bi-Weekly													20 000 gallons
JC Well #1	Deep Well	Blackcomb - Jersey Cream	Semi-Annually													20 000 gallons
JC Well #2	Deep Well	Blackcomb - Jersey Cream	Semi-Annually													
Crystal Hut	Deep Well	Blackcomb - Glacier Creek WSS	Bi-Weekly													10 000 gallons
Glacier Creek	Deep Well	Blackcomb - Glacier Creek WSS	Bi-Weekly													30 000 gallons
GC Well	Deep Well	Blackcomb - Glacier Creek WSS	Semi-Annually													30 000 gallons

Wells	Pumping	Year
	Round	

Facility Open to Bublic	Facility Closed to Public	UV Treated (NSF)	Un-Chlorinated	Chlorinated
Facility Open to Public	Facility Closed to Public	Water Storage	Water Storage	Water Storage