

Report Transmission Cover Page

Bill To: Aaron Service 4703 Marine Avenue Powell River, BC, Canada V8A 2L2	Project ID: Shores Project Name: Savary Shores Project Location: 2785 Vancouver Blv. LSD: Powell River P.O.: 355934 Proj. Acct. code:	Lot ID: 1454050 Control Number: Date Received: Oct 21, 2020 Date Reported: Nov 5, 2020 Report Number: 2565493
Attn: Coranne Anderson Sampled By: Company:		

Contact	Company	Address
Accounts Payable	Aaron Service	4703 Marine Avenue Powell River, BC V8A 2L2 Phone: (604) 485-5611 Fax: (604) 485-6858 Email: sales@aaronservice.com

Delivery	Format	Deliverables
Email - Single Report	PDF	COR
Email - Single Report	PDF	Invoice
Email - Single Report	PDF	Test Report

Contact	Company	Address
Coranne Anderson	Aaron Service	4703 Marine Avenue Powell River, BC V8A 2L2 Phone: (604) 485-5611 Fax: (604) 485-6858 Email: coranne@aaronservice.com

Delivery	Format	Deliverables
Email - Merge Reports	PDF	COA
Email - Merge Reports	PDF	COC / Test Report
Email - Merge Reports	PDF	COR
Email - Merge Reports	PDF	Invoice

Contact	Company	Address
Ryan Anderson	Aaron Service	4703 Marine Avenue Powell River, BC V8A 2L2 Phone: (604) 485-5611 Fax: (604) 485-6858 Email: ryan@aaronservice.com,ryan.

Delivery	Format	Deliverables
Email - Merge Reports	PDF	COC / Test Report

Contact	Company	Address
Trevor Anderson	Aaron Service	4703 Marine Avenue Powell River, BC V8A 2L2 Phone: (604) 485-5611 Fax: (604) 485-6858 Email: trevor@aaronservice.com

Delivery	Format	Deliverables
Email - Merge Reports	PDF	Test Report

Notes To Clients:

- Nov 05, 2020 - The analysis of water sample 1454050-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the September 2020 Guidelines for Canadian Drinking Water Quality for the parameters tested.

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Analytical Report

Bill To: Aaron Service 4703 Marine Avenue Powell River, BC, Canada V8A 2L2	Project ID: Shores Project Name: Savary Shores Project Location: 2785 Vancouver Blv. LSD: Powell River P.O.: 355934 Proj. Acct. code:	Lot ID: 1454050 Control Number: Date Received: Oct 21, 2020 Date Reported: Nov 5, 2020 Report Number: 2565493
Attn: Coranne Anderson Sampled By: Company:		

Reference Number	1454050-1
Sample Date	October 20, 2020
Sample Time	09:51
Sample Location	
Sample Description	Well #1 / 2785 Vancouver Blv / 2.8 °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	0.0001	0.0001	0.010	Below MAC	
Barium	Extractable mg/L	0.0074	0.0001	2.0	Below MAC	
Beryllium	Extractable mg/L	<0.00005	0.00005			
Boron	Extractable mg/L	0.017	0.002	5	Below MAC	
Cadmium	Extractable mg/L	<0.00001	0.00001	0.007	Below MAC	
Chromium	Extractable mg/L	0.00021	0.00005	0.05	Below MAC	
Cobalt	Extractable mg/L	<0.00002	0.00002			
Copper	Extractable mg/L	<0.0005	0.0005	1 AO; 2 MAC	Below AO	
Iron	Extractable mg/L	0.004	0.002	0.3	Below AO	
Lead	Extractable mg/L	0.00005	0.00001	0.005	Below MAC	
Manganese	Extractable mg/L	<0.001	0.001	0.02 AO; 0.12 MAC	Below AO	
Molybdenum	Extractable mg/L	0.00004	0.00002			
Nickel	Extractable mg/L	<0.0002	0.0002			
Selenium	Extractable mg/L	<0.0002	0.0002	0.05	Below MAC	
Silver	Extractable mg/L	<0.00001	0.00001			
Strontium	Extractable mg/L	0.12	0.0001	7.0	Below MAC	
Thallium	Extractable mg/L	<0.00001	0.00001			
Tin	Extractable mg/L	<0.0001	0.0001			
Uranium	Extractable mg/L	0.00021	0.00001	0.02	Below MAC	
Vanadium	Extractable mg/L	0.0011	0.00005			
Zinc	Extractable mg/L	0.0016	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
Routine Water						
Calcium	Extractable mg/L	14	0.01			
Magnesium	Extractable mg/L	5.2	0.02			
Potassium	Extractable mg/L	1.7	0.04			
Silicon	Extractable mg/L	12	0.005			
Sodium	Extractable mg/L	18	0.1	200	Below AO	
Hardness	as CaCO3 (extractable) mg/L	56	1			

Analytical Report

Bill To: Aaron Service 4703 Marine Avenue Powell River, BC, Canada V8A 2L2	Project ID: Shores Project Name: Savary Shores Project Location: 2785 Vancouver Blv. LSD: Powell River P.O.: 355934 Proj. Acct. code:	Lot ID: 1454050 Control Number: Date Received: Oct 21, 2020 Date Reported: Nov 5, 2020 Report Number: 2565493
Attn: Coranne Anderson Sampled By: Company:		

Reference Number	1454050-2
Sample Date	October 28, 2020
Sample Time	10:30
Sample Location	
Sample Description	Well #1 - W99 / 2785 Vancouver Blv / 4.5 °C
Sample Matrix	Drinking Water


Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments	
Inorganic Nonmetallic Parameters						
Tannin & Lignin	as Tannic Acid	mg/L	<0.1	0.1		
Metals Extractable						
Aluminum	Extractable	mg/L	<0.001	0.001	0.1	Below OG
Antimony	Extractable	mg/L	0.00003	0.00002	0.006	Below MAC
Arsenic	Extractable	mg/L	<0.0001	0.0001	0.010	Below MAC
Barium	Extractable	mg/L	0.0066	0.0001	2.0	Below MAC
Boron	Extractable	mg/L	0.017	0.002	5	Below MAC
Cadmium	Extractable	mg/L	<0.00001	0.00001	0.007	Below MAC
Chromium	Extractable	mg/L	0.00086	0.00005	0.05	Below MAC
Copper	Extractable	mg/L	0.0017	0.0005	1 AO; 2 MAC	Below AO
Lead	Extractable	mg/L	0.00039	0.00001	0.005	Below MAC
Selenium	Extractable	mg/L	<0.0002	0.0002	0.05	Below MAC
Strontium	Extractable	mg/L	0.12	0.0001	7.0	Below MAC
Uranium	Extractable	mg/L	0.00017	0.00001	0.02	Below MAC
Vanadium	Extractable	mg/L	0.00093	0.00005		
Zinc	Extractable	mg/L	0.030	0.0005	5.0	Below AO
Physical and Aggregate Properties						
Colour	True	Colour units	<5	5		
Turbidity		NTU	1.17	0.1	0.1	Above OG
Routine Water						
pH - Holding Time			Exceeded			
pH	at 25 °C		7.20	0.01	7.0-10.5	Within Range
Electrical Conductivity		µS/cm at 25 °C	217	1		
Calcium	Extractable	mg/L	14	0.01		
Iron	Extractable	mg/L	0.062	0.004	0.3	Below AO
Magnesium	Extractable	mg/L	5.3	0.02		
Manganese	Extractable	mg/L	0.028	0.001	0.02 AO; 0.12 MAC	Above AO
Potassium	Extractable	mg/L	1.7	0.04		
Silicon	Extractable	mg/L	11	0.005		
Sodium	Extractable	mg/L	18	0.1	200	Below AO
T-Alkalinity	as CaCO3	mg/L	50	5		
Chloride	Dissolved	mg/L	27.2	0.05	250	Below AO
Fluoride	Dissolved	mg/L	<0.01	0.01	1.5	Below MAC
Nitrate - N	Dissolved	mg/L	3.11	0.01	10	Below MAC
Nitrite - N	Dissolved	mg/L	<0.01	0.01	1	Below MAC
Sulfate (SO4)	Dissolved	mg/L	4.4	0.1	500	Below AO
Hardness	as CaCO3 (extractable)	mg/L	56	1		

Analytical Report

Bill To: Aaron Service 4703 Marine Avenue Powell River, BC, Canada V8A 2L2	Project ID: Shores Project Name: Savary Shores Project Location: 2785 Vancouver Blv. LSD: Powell River P.O.: 355934 Proj. Acct. code:	Lot ID: 1454050 Control Number: Date Received: Oct 21, 2020 Date Reported: Nov 5, 2020 Report Number: 2565493
Attn: Coranne Anderson Sampled By: Company:		

Reference Number	1454050-2
Sample Date	October 28, 2020
Sample Time	10:30
Sample Location	
Sample Description	Well #1 - W99 / 2785 Vancouver Blv / 4.5 °C
Sample Matrix	Drinking Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments	
Routine Water - Continued						
Total Dissolved Solids	Extractable	mg/L	144	1	500	Below AO

Approved by: 
 Carol Nam, Dipl. T.
 Quality Officer

Methodology and Notes

Bill To: Aaron Service 4703 Marine Avenue Powell River, BC, Canada V8A 2L2	Project ID: Shores	Lot ID: 1454050
Attn: Coranne Anderson	Project Name: Savary Shores	Control Number:
Sampled By:	Project Location: 2785 Vancouver Blv.	Date Received: Oct 21, 2020
Company:	LSD: Powell River	Date Reported: Nov 5, 2020
	P.O.: 355934	Report Number: 2565493
	Proj. Acct. code:	

Method of Analysis

Method Name	Reference	Method	Date Analysis Started	Location
Alk, pH, EC, Turb in water (BC)	APHA	* Alkalinity - Titration Method, 2320 B	Oct 30, 2020	Element Vancouver
Alk, pH, EC, Turb in water (BC)	APHA	* Conductivity, 2510 B	Oct 30, 2020	Element Vancouver
Alk, pH, EC, Turb in water (BC)	APHA	* pH - Electrometric Method, 4500-H+ B	Oct 30, 2020	Element Vancouver
Anions by IEC in water (VAN)	APHA	* Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B	Oct 30, 2020	Element Vancouver
Metals SemiTrace (Extractable) in water (VAN)	US EPA	* Metals & Trace Elements by ICP-AES, 6010C	Oct 22, 2020	Element Vancouver
Metals SemiTrace (Extractable) in water (VAN)	US EPA	* Metals & Trace Elements by ICP-AES, 6010C	Oct 30, 2020	Element Vancouver
Tannin and Lignin in water (VAN)	APHA	* Colorimetric Method, 5550 B	Nov 2, 2020	Element Vancouver
Total and E-Coli - Colilert - DW (VAN)	APHA	Enzyme Substrate Test, APHA 9223 B	Oct 21, 2020	Element Vancouver
Trace Metals (extractable) in Water (VAN)	US EPA	* Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8	Oct 22, 2020	Element Vancouver
Trace Metals (extractable) in Water (VAN)	US EPA	* Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8	Oct 30, 2020	Element Vancouver
True Color in water (VAN)	APHA	* Spectrophotometric - Single Wavelength Method, 2120 C	Oct 30, 2020	Element Vancouver
Turbidity - Water (VAN)	APHA	* Turbidity - Nephelometric Method, 2130 B	Oct 30, 2020	Element Vancouver

* 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, June 2019
Guideline Comments	MAC = Maximum Acceptable Concentration AO = Aesthetic Objective OG = Operational Guideline for Water Treatment Plants (does not apply to private groundwater wells). Refer to Health Canada for complete guidelines at www.hc-sc.gc.ca

Comments:

- Nov 05, 2020 - The analysis of water sample 1454050-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the September 2020 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.
Results relate only to samples as submitted.

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

Project Information

Project ID: SHORES
 Project Name: SAVARY SHORES
 Project Location: 2785 Vancouver Blv
 Legal Location: Powell River
 POIAFE#: 355934
 Proj. Acct. Code: _____
 Quote #: _____

Invoice To:
 Company: Aaron Service
 Address: 4703 Marine Avenue
Powell River, BC V8A 2L2
 Attention: Coranne Anderson
 Phone: 604-485-5611
 Cell: _____
 Fax: _____
 E-mail: coranne@aaronservice.com
 Agreement ID: 66993
 Copy of Report: _____

Report To:
 Company: Aaron Service
 Address: 4703 Marine Avenue
Powell River, BC V8A 2L2
 Attention: Coranne Anderson
 Phone: 604-485-5611
 Cell: _____
 Fax: _____
 E-mail 1: coranne@aaronservice.com
 E-mail 2: trevor@aaronservice.com
 Copy of Invoice: _____

Report Results		Regulatory Requirement	
E-Mail	X	HCDWQG	
Mail		Ab Tier 1	
Online		SPIGEC	
Fax		BCCSR	
PDF		Other (list below)	
Excel			
QA/QC			

Sample Custody (please print)

Sampled by: Courtney Robertsen
 Company: Customer
 I authorize Exova to proceed with the work indicated on this form.
 Date: _____ Initial: _____

This section for Lab use
 Date/time stamp: RECEIVED
012:51
02 OCT 21 2020

Indicate in the space allotted any deficiencies by the corresponding number.

RUSH Priority
 Emergency (contact lab for turnaround and pricing)
 Priority 1-2 working days (100% surcharge)
 Urgent 2-3 working days (50% surcharge)
 When "ASAP" is requested, turn around will default to a 100% RUSH priority, with pricing and turn-around time to match. Please contact the lab prior to submitting RUSH samples. If not all samples require RUSH, please indicate in the special instructions.

Date Required: _____ Signature: _____

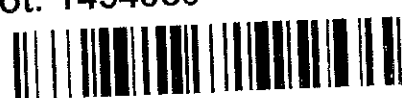
Special Instructions/Comments (please include contact information including ph # if different from above):

WAT TEST Cdr. Drink. Water Guidelines W99, DW20, T/L

Site I.D.	Sample description	Depth start and in cm	Date/Time sampled	Matrix	Sampling method	Enter tests above (√ relevant samples below)									
						M99	DW20	T/L	UVT	TOC	M99R (repeat total & e.coli)	M99S (includes HPC)			
1	2785 Vancouver Blv.		Oct 20 2020												
2			09:51 AM												
3			Oct 20/20												
4			10:30 AM												
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															

1. Indicate any samples that were not packaged well
2. Indicate any samples not received in Exova supplies
3. Indicate any samples that were not clearly labeled
4. Indicate any samples not received within the required hold time or temp.
5. Indicate any missing or extra samples
6. Indicate any samples that were received broken
7. Indicate any samples where sufficient volume was not received
8. Indicate any samples received in an inappropriate container

Environmental Sample Information Sheet
 Note: Proper completion of this form is required in order to proceed with analysis
 Please indicate any potentially hazardous samples
 Page _____ of _____ Control # _____

Lot: 1454050 ^{COC}


Shipping: COD Y/N
 # and size of coolers: _____
 Temp. received: 2.8°C
 Delivery Method: Customer
 Waybill: _____
 Received by: LO