

Report Transmission Cover Page

Bill To: Aaron Service 4703 Marine Avenue Powell River, BC, Canada V8A 2L2	Project ID: Project Name: Savary Shores Improvement Project Location: Savary Island LSD: P.O.: 423944 Proj. Acct. code:	Lot ID: 1808283 Control Number: Date Received: Apr 17, 2025 Date Reported: Apr 24, 2025 Report Number: 3127795 Report Type: Final Report
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
<u>Delivery</u>	<u>Format</u>	<u>Deliverables</u>
Email - Merge	PDF	COC / Test Report
Email - Merge	PDF	Invoice
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<u>Delivery</u>	<u>Format</u>	<u>Deliverables</u>
Email	PDF	COA
Email - Merge	PDF	COC / Test Report
Email - Merge	PDF	Invoice
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<u>Delivery</u>	<u>Format</u>	<u>Deliverables</u>
Email - Merge	PDF	COC / Test Report

Notes To Clients:

- Sample 1808283-1; 9911317: The analysis of water sample 1808283-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the March 2025 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: Project Name: Savary Shores Improvement Project Location: Savary Island LSD: P.O.: 423944 Proj. Acct. code:	Lot ID: 1808283 Control Number: Date Received: Apr 17, 2025 Date Reported: Apr 24, 2025 Report Number: 3127795 Report Type: Final Report
Attn: Coranne Anderson Sampled By: Company:		

Reference Number	1808283-1
Sample Date	April 16, 2025
Sample Time	10:08
Sample Location	
Sample Description	Well #1 / 9.6 °C
Sample Matrix	Drinking Water

Analyte	Units	Result	Nominal DL	Guideline Limit	Guideline Comments
Aggregate Organic Constituents					
UV Transmittance	%/cm	97.9	0.1		
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 OG, 2.9 MAC	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	0.016	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	0.00014	0.00005	0.05	Below MAC
Copper Extractable	mg/L	0.011	0.0005	1 AO, 2 MAC	Below AO
Lead Extractable	mg/L	0.00001	0.00001	0.005	Below MAC
Selenium Extractable	mg/L	<0.0002	0.0002	0.05	Below MAC
Strontium Extractable	mg/L	0.14	0.0001	7.0	Below MAC
Uranium Extractable	mg/L	0.00021	0.00001	0.02	Below MAC
Vanadium Extractable	mg/L	0.0011	0.00005		
Zinc Extractable	mg/L	0.0010	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	0.18	0.1		
Routine Water					
pH		6.99	0.01	7.0-10.5	Below Recommended Range
pH - Holding Time		Exceeded			
Temp. of observed pH	°C	21.6			
Electrical Conductivity at 25 °C	µS/cm	324	1		
Calcium Extractable	mg/L	16	0.01		
Iron Extractable	mg/L	0.011	0.004	0.1	Below AO
Magnesium Extractable	mg/L	7.2	0.02		
Manganese Extractable	mg/L	<0.001	0.001	0.02 AO, 0.12 MAC	Below AO
Potassium Extractable	mg/L	2.0	0.04		
Silicon Extractable	mg/L	13	0.005		

Analytical Report

Bill To: Aaron Service 4703 Marine Avenue Powell River, BC, Canada V8A 2L2	Project ID: Project Name: Savary Shores Improvement Project Location: Savary Island LSD: P.O.: 423944 Proj. Acct. code:	Lot ID: 1808283 Control Number: Date Received: Apr 17, 2025 Date Reported: Apr 24, 2025 Report Number: 3127795 Report Type: Final Report
Attn: Coranne Anderson Sampled By: Company:		

Reference Number	1808283-1
Sample Date	April 16, 2025
Sample Time	10:08
Sample Location	
Sample Description	Well #1 / 9.6 °C
Sample Matrix	Drinking Water

Analyte	Units	Result	Nominal DL	Guideline Limit	Guideline Comments	
Routine Water - Continued						
Sodium	Extractable	mg/L	28	0.1	200	Below AO
T-Alkalinity	as CaCO3	mg/L	41	5		
Chloride	Dissolved	mg/L	58.4	0.05	250	Below AO
Fluoride	Dissolved	mg/L	0.02	0.01	1.5	Below MAC
Nitrate - N	Dissolved	mg/L	2.81	0.01	10	Below MAC
Nitrite - N	Dissolved	mg/L	<0.01	0.01	1.0	Below MAC
Sulfate (SO4)	Dissolved	mg/L	9.5	0.1	500	Below AO
Hardness	as CaCO3 (extractable)	mg/L	71	1		
Total Dissolved Solids	Extractable	mg/L	194	1	500	Below AO

Approved by:



Misato Perry, B.Sc Biology
Operations Customer Support

Data have been validated by Analytical Quality Control and Element's Integrated Data Validation System (IDVS).

Generation and distribution of the report, and approval by the digitized signature above, are performed through a secure and controlled automatic process.

Methodology and Notes

Bill To: Aaron Service 4703 Marine Avenue Powell River, BC, Canada V8A 2L2	Project ID: Project Name: Savary Shores Improvement Project Location: Savary Island LSD: P.O.: 423944 Proj. Acct. code:	Lot ID: 1808283 Control Number: Date Received: Apr 17, 2025 Date Reported: Apr 24, 2025 Report Number: 3127795 Report Type: Final Report
Attn: Coranne Anderson Sampled By: Company:		

Method of Analysis

Method Name	Reference	Method	Date Analysis Started	Location
Alk, pH, EC, Turb in water (BC)	APHA	* Alkalinity - Titration Method, 2320 B	Apr 21, 2025	Element Vancouver
Alk, pH, EC, Turb in water (BC)	APHA	* Conductivity, 2510 B	Apr 21, 2025	Element Vancouver
Alk, pH, EC, Turb in water (BC)	APHA	* pH - Electrometric Method, 4500-H+ B	Apr 21, 2025	Element Vancouver
Anions by IEC in water (VAN)	APHA	* Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B	Apr 17, 2025	Element Vancouver
Metals SemiTrace (Extractable) in water (VAN)	US EPA	* Metals & Trace Elements by ICP-AES, 6010C	Apr 21, 2025	Element Vancouver
Tannin and Lignin in water (VAN)	APHA	* Colorimetric Method, 5550 B	Apr 22, 2025	Element Vancouver
Total and E-Coli - Colilert - DW (VAN)	APHA	Enzyme Substrate Test, APHA 9223 B	Apr 17, 2025	Element Vancouver
Trace Metals (extractable) in Water (VAN)	US EPA	* Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8	Apr 21, 2025	Element Vancouver
True Color in water (VAN)	APHA	* Spectrophotometric - Single Wavelength Method, 2120 C	Apr 21, 2025	Element Vancouver
Turbidity - Water (VAN)	APHA	* Turbidity - Nephelometric Method, 2130 B	Apr 17, 2025	Element Vancouver
Ultraviolet Transmittance in Water	APHA	* Ultraviolet Absorption Method, 5910 B	Apr 19, 2025	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, August 2024
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:

- Sample 1808283-1; 9911317: The analysis of water sample 1808283-1 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the March 2025 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 _____
Project Name Savary Shores
Project Location Improvement
Legal Location Savary Island
PO/AFE# 423944
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
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 sales@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: _____
Company: _____
I authorize Exova to proceed with the work indicated on this form:
Date: _____ Initial: _____

This section for Lab use

Date/Time stamp:
APR 17 12:43

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

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

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).

CUSTOMER PHONE NUMBER: (604) 414-8448

CUSTOMER EMAIL: administrator@savaryshoreswater.ca

	Site I.D.	Sample description	Depth start end in cm m	Date/Time sampled	Matrix	Sampling method	Number of Containers	W99	DW20	T/L	UVT	TOC	M99R (repeat total & e'coli)	M99S (includes HPC)
1							↓							
2		<u>Savary Shores Improvement</u>												
3														
4		<u>Well #1</u>		<u>Apr. 16</u>		<u>10:08am</u>		X	X	X	X			
5														
6														
7		<u>Well #2</u>		<u>Apr. 16</u>		<u>10:22am</u>		X	X	X	X			
8														
9														
10														
11														
12														
13														
14														
15														

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: 1808283 COC

Aaron Service



Shipping: COD Y/N

and size of coolers

Temp. received: 9.5

Delivery Method: C

Waybill: slip

Received by: _____

Project Information

Project ID _____
 Project Name Savary Shores
 Project Location Improvement
 Legal Location Savary Island
 PO/AFE# 423944
 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
 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 sales@aaronservice.com
 Copy of Invoice _____

Report Results

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

Regulatory Requirement

Sample Custody (please print)

Sampled by: _____
 Company: _____
 I authorize Exova to proceed with the work indicated on this form:
 Date: _____ Initial: _____
This section for Lab use
 Date/Time stamp: _____

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).

CUSTOMER PHONE NUMBER: (604) 414-8448

CUSTOMER EMAIL: administrator@savaryshoreswater.ca

Site I.D.	Sample description	Depth start end in cm m	Date/Time sampled	Matrix	Sampling method	Number of Containers	W99	DW20	T/L	UVT	TOC	M99R (repeat total & e'coli)	M99S (includes HPC)	Enter tests above (✓ relevant samples below)	Indicate in the space allotted any deficiencies by the corresponding number.
1															1. Indicate any samples that were not packaged well
2															2. Indicate any samples not received in Exova supplies
3															3. Indicate any samples that were not clearly labeled
4															4. Indicate any samples not received within the required hold time or temp.
5															5. Indicate any missing or extra samples
6															6. Indicate any samples that were received broken
7															7. Indicate any samples where sufficient volume was not received
8															8. Indicate any samples received in an inappropriate container
9															
10															
11															
12															
13															
14															
15															

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 # _____

Indicate lot # or affix barcode here

Shipping: COD Y/N

and size of coolers

Temp. received: 9.6 Delivery Method: C

Waybill: ck

Received by: _____