

Report Transmission Cover Page

Bill To: City of Parksville 1116 Herring Gull Way Parksville, BC, Canada V9P 1R2	Project ID: Project Name: THM /HAA Project Location: LSD: P.O.:	Lot ID: 1713611 Control Number: Date Received: Feb 15, 2024 Date Reported: Feb 22, 2024 Report Number: 2974229 Report Type: Final Report
Attn: Accounts Payable Sampled By: Barb Silenieks Company: City of Parksville	Proj. Acct. code:	

Contact	Company	Address
Accounts Payable	City of Parksville	1116 Herring Gull Way Parksville, BC V9P 1R2 Phone: (250) 951-2489 Fax: Email: ap@parksville.ca
<u>Delivery</u>	<u>Format</u>	<u>Deliverables</u>
Email	PDF	Invoice
Barbara Silenieks	City of Parksville	1116 Herring Gull Way Parksville, BC V9P 1R2 Phone: (250) 951-2489 Fax: Email: bsilenieks@parksville.ca
<u>Delivery</u>	<u>Format</u>	<u>Deliverables</u>
Email	PDF	COA
Email - Merge	PDF	COC / Test Report
Email - Merge	Standard Crosstab Without Tabs	Test Report

Notes To Clients:

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Analytical Report

Bill To: City of Parksville 1116 Herring Gull Way Parksville, BC, Canada V9P 1R2	Project ID: Project Name: THM /HAA Project Location: LSD: P.O.:	Lot ID: 1713611 Control Number: Date Received: Feb 15, 2024 Date Reported: Feb 22, 2024 Report Number: 2974229 Report Type: Final Report
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	Reference Number	1713611-1	1713611-2	1713611-3		
	Sample Date	Feb 14, 2024	Feb 14, 2024	Feb 14, 2024		
	Sample Time	09:20	09:35	09:45		
	Sample Location	Community Park / 5.6 °C	Temple / 5.6 °C	Ermineskin / 5.6 °C		
	Matrix	Water	Water	Water		
Analyte	Units	Results	Results	Results	Nominal Detection Limit	
Haloacetic Acids - Water						
Monochloroacetic Acid	µg/L	<2.0	<2.0	<2.0	2.0	
Monobromoacetic Acid	µg/L	<2.0	<2.0	<2.0	2.0	
Dichloroacetic Acid	µg/L	17.7	9.0	6.5	2.0	
Trichloroacetic Acid	µg/L	13.7	6.7	5.0	2.0	
Bromochloroacetic Acid	µg/L	<2.0	2.0	<2.0	2.0	
Dibromoacetic Acid	µg/L	<2.0	<2.0	<2.0	2.0	
Total Haloacetic Acids (HAA6)	µg/L	31.5	17.8	11.5	12.0	
2,3-Dibromopropionic acid	%	87	87	90	50-150	
VOC Screen - Water						
Bromodichloromethane	µg/L	2.9	3.8	2.8	0.5	
Bromoform	µg/L	<0.5	0.6	0.7	0.5	
Chloroform	µg/L	47.2	19.1	15.4	0.5	
Dibromochloromethane	µg/L	<0.5	2.1	1.9	0.5	
Total Trihalomethanes	µg/L	50.2	25.6	20.8		
VOC - Water - Surrogate Recovery						
Bromofluorobenzene	EPA Surrogate	%	100	97	96	50-140
Dibromofluoromethane	EPA Surrogate	%	99	97	96	50-140
Toluene-d8	EPA Surrogate	%	100	102	102	50-140

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Attn: Accounts Payable Sampled By: Barb Silenieks Company: City of Parksville	Proj. Acct. code:	

Reference Number 1713611-4
Sample Date Feb 14, 2024
Sample Time 08:40
Sample Location
Sample Description Public Works / 5.6 °C

Analyte	Matrix		Results	Results	Nominal Detection Limit
	Units	Water			
Haloacetic Acids - Water					
Monochloroacetic Acid	µg/L		<2.0		2.0
Monobromoacetic Acid	µg/L		<2.0		2.0
Dichloroacetic Acid	µg/L		15.2		2.0
Trichloroacetic Acid	µg/L		11.9		2.0
Bromochloroacetic Acid	µg/L		<2.0		2.0
Dibromoacetic Acid	µg/L		<2.0		2.0
Total Haloacetic Acids (HAA6)	µg/L		27.0		12.0
2,3-Dibromopropionic acid	%		88		50-150
VOC Screen - Water					
Bromodichloromethane	µg/L		2.4		0.5
Bromoform	µg/L		<0.5		0.5
Chloroform	µg/L		35.8		0.5
Dibromochloromethane	µg/L		<0.5		0.5
Total Trihalomethanes	µg/L		38.2		
VOC - Water - Surrogate Recovery					
Bromofluorobenzene	EPA Surrogate	%	94		50-140
Dibromofluoromethane	EPA Surrogate	%	88		50-140
Toluene-d8	EPA Surrogate	%	130		50-140

Approved by: 
 Mike Yohemas, BSc
 General Manager

Methodology and Notes

Bill To: City of Parksville 1116 Herring Gull Way Parksville, BC, Canada V9P 1R2	Project ID: Project Name: THM /HAA Project Location: LSD: P.O.:	Lot ID: 1713611 Control Number: Date Received: Feb 15, 2024 Date Reported: Feb 22, 2024 Report Number: 2974229 Report Type: Final Report
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Method of Analysis

Method Name	Reference	Method	Date Analysis Started	Location
Haloacetic Acids - Water	US EPA	* Determination of Haloacetic Acids and Dalapon in drinking water by liquid-liquid microextraction, derivatization, and gas chromatography with electron capture detection, 552.3	Feb 17, 2024	Element Calgary
VOC - BC Water	US EPA	* Volatile Organic Compounds by GCMS / Purge and Trap for Aqueous Samples, 8260/5030	Feb 16, 2024	Element Vancouver

** Reference Method Modified*

References

US EPA US Environmental Protection Agency Test Methods

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.

Invoice To

Report To

Additional Reports to

Project Information

Project ID: _____
 Project Name: THM / HAA
 Project Location: _____
 Legal Location: _____
 PO/AFE#: _____
 Proj. Acct. Code: _____
 Quote #: _____

Company: City of Parksville
 Address: _____
 Attention: _____
 Phone: _____
 Cell: _____
 E-mail: _____
 Government Funded Work: YES / NO
 SRP #: _____
 Agreement ID: _____

Company: City of Parksville
 Address: _____
 Attention: Barb Silenicks
 Phone: _____
 Cell: _____
 Fax: _____
 E-mail 1: bsilenicks@parksville.ca
 E-mail 2: _____
 Copy of Invoice: YES / NO

1) Name: _____
 E-mail: _____
 2) Name: _____
 E-mail: _____

Sample Custody

Sampled by: Barb Silenicks
 Company: City of Parksville
 I authorize Element to proceed with the work indicated on this form:
 Signature: [Signature]
 Date/Time: Feb. 14 10:35

RUSH Priority

Report Results

Requirements

Same Day (200%)
 Next Day/Two Day (100%)
 Three or Four Days (50%)
 5 to 7 Days (Regular TAT)

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.

Email QA/QC
 Online PDF
 Fax Excel

HCDWQ SPIGEC
 AB Tier 1 BCCSR
 Other (list below)

Date Required _____
 Special Instructions/Comments (please include contact information including phone number if different from above).

Site I.D.	Sample Description	Depth		Date/Time sampled	Matrix	Sampling method	#	MeOH Field Preserved?	Enter tests above (✓ relevant samples below)													
		start	end																			
1	<u>Community Park</u>			<u>Feb. 14 9:20</u>			<u>4</u>	✓	✓													
2	<u>Temple</u>			<u>Feb. 14 9:35</u>			<u>4</u>	✓	✓													
3	<u>Ermineskin</u>			<u>Feb. 14 9:45</u>			<u>4</u>	✓	✓													
4	<u>Public Works</u>			<u>Feb. 14 8:40</u>			<u>4</u>	✓	✓													
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						

Please indicate any potentially hazardous samples
 Submission of this form acknowledges acceptance of Element's Standard of terms and conditions (<https://www.element.com/terms/terms-and-conditions>)

Lot: **1713611** COC


Temp. received: 5-6 °C Date/Time stamp: 24 FEB 15 10:02
 Delivery Method: VD
 Waybill: C
 Received by: _____