

**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.: S22-5095 Proj. Acct. code:	Lot ID: <b>1711184</b> Control Number: Date Received: Feb 6, 2024 Date Reported: Feb 15, 2024 Report Number: 2970417 Report Type: Final Report
Attn: Accounts Payable Sampled By: Barb Silenieks Company: City of Parksville		

Contact	Company	Address
<b>Accounts Payable</b>	<b>City of Parksville</b>	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
<b>Barbara Silenieks</b>	<b>City of Parksville</b>	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:	Lot ID: <b>1711184</b> Control Number: Date Received: Feb 6, 2024 Date Reported: Feb 15, 2024 Report Number: 2970417 Report Type: Final Report
Attn: Accounts Payable Sampled By: Barb Silenieks Company: City of Parksville	P.O.: S22-5095 Proj. Acct. code:	

**Reference Number** 1711184-1  
**Sample Date** Feb 05, 2024  
**Sample Time** 09:15  
**Sample Location**  
**Sample Description** Water Treatment  
 Plant / Treated / 8.1  
 °C

**Matrix** Water

Analyte	Units	Results	Results	Results	Nominal Detection Limit
<b>Haloacetic Acids - Water</b>					
Monochloroacetic Acid	µg/L	<2.0			2.0
Monobromoacetic Acid	µg/L	<2.0			2.0
Dichloroacetic Acid	µg/L	9.6			2.0
Trichloroacetic Acid	µg/L	6.5			2.0
Bromochloroacetic Acid	µg/L	<2.0			2.0
Dibromoacetic Acid	µg/L	<2.0			2.0
Total Haloacetic Acids (HAA6)	µg/L	16.1			12.0
2,3-Dibromopropionic acid	%	81			50-150
<b>VOC Screen - Water</b>					
Bromodichloromethane	µg/L	1.8			0.5
Bromoform	µg/L	<0.5			0.5
Chloroform	µg/L	28.8			0.5
Dibromochloromethane	µg/L	<0.5			0.5
Total Trihalomethanes	µg/L	30.6			
<b>VOC - Water - Surrogate Recovery</b>					
Bromofluorobenzene	EPA Surrogate	%	108		50-140
Dibromofluoromethane	EPA Surrogate	%	107		50-140
Toluene-d8	EPA Surrogate	%	113		50-140

Approved by:   
 Mike Yohemas, BSc  
 General Manager

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**

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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 13, 2024	Element Calgary
VOC - BC Water	US EPA	* Volatile Organic Compounds by GCMS / Purge and Trap for Aqueous Samples, 8260/5030	Feb 7, 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	
Company: City of Parksville	Company: City of Parksville	1) Name:	
Address:	Address:	E-mail:	
Attention:	Attention: Barb Sileniaks	2) Name:	
Phone:	Phone:	E-mail:	
Cell:	Cell:	<b>Sample Custody</b>	
E-mail:	Fax:	Sampled by: Barb Sileniaks	
Government Funded Work YES / NO	E-mail 1: BSileniaks@Bkksville.ca	Company: City of Parksville	
SRP #	E-mail 2:	I authorize Element to proceed with the work indicated on this form:	
Agreement ID:	Copy of Invoice: YES / NO	Signature: <i>[Signature]</i>	

**Project Information**

Project ID: \_\_\_\_\_

Project Name: THM + HAA

Project Location: \_\_\_\_\_

Legal Location: \_\_\_\_\_

PO/AFE#: \_\_\_\_\_

Proj. Acct. Code: \_\_\_\_\_

Quote #: \_\_\_\_\_

RUSH Priority	Report Results	Requirements
<input type="checkbox"/> Same Day (200%) <input type="checkbox"/> Next Day/Two Day (100%) <input type="checkbox"/> Three or Four Days (50%) <input checked="" type="checkbox"/> 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.  <input checked="" type="checkbox"/> Email <input type="checkbox"/> QA/QC <input type="checkbox"/> Online <input checked="" type="checkbox"/> PDF <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Excel	<input type="checkbox"/> HCDWQ <input type="checkbox"/> SPIGEC <input type="checkbox"/> AB Tier 1 <input type="checkbox"/> 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 start end in cm m	Date/Time sampled	Matrix	Sampling method	#	Enter tests above (✓ relevant samples below)
1	Water Treatment Plant - Treated		Feb. 5 / 9:15			4	✓ ✓
2							
3							
4							
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>)

Page \_\_\_\_\_ of \_\_\_\_\_ Control # \_\_\_\_\_

ED 120-06

Lot: 1711184<sup>COC</sup>

Temp. received: 8.1 °C

Delivery Method: puro

Date/Time stamp: 24 FEB 6 9:19

Waybill: \_\_\_\_\_

Received by: LC