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Report Transmission Cover Page

Bill To: City of Parksville

Project ID:

Lot ID: 1669448

1116 Herring Gull Way Parksville, BC, Canada

Project Name: THM

Control Number:

V9P 1R2

Project Location:

Date Received: Aug 2, 2023

Attn: Accounts Payable

LSD: P.O.:

Date Reported: Aug 11, 2023

Sampled By: Barb Silenieks

Proj. Acct. code:

Report Number: 2900104

Company: City of Parksville

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							
Delivery	<u>Format</u>	<u>Deliverables</u>	7						
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>	7						
Email	PDF	COA							
Email - Merge	PDF	COC / Test Report							
Email - Merge	Standard Crosstab Without Tabs	Test Report							

S22-5095

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Analytical Report

Bill To: City of Parksville

1116 Herring Gull Way Parksville, BC, Canada

V9P 1R2

Attn: Accounts Payable

Sampled By: Barb Silenieks Company: City of Parksville Project ID:

Project Name: THM

Project Location:

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S22-5095

Proj. Acct. code:

Lot ID: 1669448

Control Number:

Date Received: Aug 2, 2023 Date Reported: Aug 11, 2023

2900104 Report Number:

Reference Number Sample Date Sample Time

1669448-1 Aug 01, 2023 09:20

1669448-2 Aug 01, 2023

1669448-3 Aug 01, 2023

09:33

09:45

Sample Location

Sample Description Community Park / 11.4 °C

Temple / 11.4 °C

Ermineskin / 11.4 °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	7.6	7.7	6.5	2.0	
Trichloroacetic Acid		μg/L	5.0	5.4	4.2	2.0	
Bromochloroacetic Acid		μg/L	2.8	2.9	2.4	2.0	
Dibromoacetic Acid		μg/L	<2.0	<2.0	<2.0	2.0	
Total Haloacetic Acids (HAA6)		μg/L	15.3	16.0	13.2	12.0	
2,3-Dibromopropionic acid	d	%	86	87	73	50-150	
VOC Screen - Water							
Bromodichloromethane		μg/L	13.3	12.9	10.4	0.5	
Bromoform		μg/L	<0.5	<0.5	<0.5	0.5	
Chloroform		μg/L	34.3	30.1	25.8	0.5	
Dibromochloromethane		μg/L	3.6	3.9	3.1	0.5	
Total Trihalomethanes		μg/L	51.1	46.9	39.2		
VOC - Water - Surrogate	Recovery						
Bromofluorobenzene	EPA Surrogate	%	104	99	106	50-140	
Dibromofluoromethane	EPA Surrogate	%	113	105	104	50-140	
Toluene-d8	EPA Surrogate	%	108	115	111	50-140	



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S22-5095

Proj. Acct. code:

Lot ID: 1669448

Control Number:

Date Received: Aug 2, 2023 Date Reported: Aug 11, 2023

2900104 Report Number:

Reference Number 1669448-4 1669448-5 Sample Date Aug 01, 2023 Aug 01, 2023 Sample Time 08:45 08:55

Sample Location

Sample Description Public Work Yard / 11.4 °C

Water Treatment Plant / 11.4 °C

Water Matrix Water

		Watrix	vvaler	vvalei		
Analyte		Units	Results	Results	Results	Nominal Detection Limit
Haloacetic Acids - Water						
Monochloroacetic Acid		μg/L	<2.0	<2.0		2.0
Monobromoacetic Acid		μg/L	<2.0	<2.0		2.0
Dichloroacetic Acid		μg/L	12.3	4.7		2.0
Trichloroacetic Acid		μg/L	5.5	2.4		2.0
Bromochloroacetic Acid		μg/L	2.9	<2.0		2.0
Dibromoacetic Acid		μg/L	<2.0	<2.0		2.0
Total Haloacetic Acids (HAA6)		μg/L	20.8	7.1		12.0
2,3-Dibromopropionic acid	I	%	71	82		50-150
VOC Screen - Water						
Bromodichloromethane		μg/L	15.5	6.3		0.5
Bromoform		μg/L	<0.5	<0.5		0.5
Chloroform		μg/L	53.4	17.3		0.5
Dibromochloromethane		μg/L	2.6	1.0		0.5
Total Trihalomethanes		μg/L	71.5	24.6		
VOC - Water - Surrogate I	Recovery					
Bromofluorobenzene	EPA Surrogate	%	106	100		50-140
Dibromofluoromethane	EPA Surrogate	%	105	105		50-140
Toluene-d8	EPA Surrogate	%	114	117		50-140

Approved by:

Max Hewitt

Operations Manager





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Methodology and Notes

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Method of Analysis

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	Aug 3, 2023	Element Calgary
VOC - BC Water	US EPA	* Volatile Organic Compounds by GCMS /	Aug 10, 2023	Element Vancouver

* Reference Method Modified

8260/5030

Purge and Trap for Aqueous Samples,

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.

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Next Day/Two Day (100%) Three or Four Days (50%) 5 to 7 Days (Regular TAT) default to a 10th and turn around the lab prior to not all samples	City of Parksvill	le	Company: Address: Attention: Phone:	(Kar h		arksville	ok s		1) Nai E-mai 2) Nai E-mai	l: ne:					
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Project ID: Project Name: Project Name: Project Location: Legal Location: PO/AFE#: Proj. Acct. Code: Quote #: Same Day (200%) Next Day/Two Day (100%) Three or Four Days (50%) Three or Four Days (50%) To bate Required Attention: Phone: Phone: Phone: Phone: Phone: Phone: Phone: Phone: Pagiliant Agreement ID RUSH Priority When "ASAP" default to a 10d and turn around the lab prior to not all samples in the			•	Bal) {	ileni	2K5								
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Same Day (200%) Next Day/Two Day (100%) Three or Four Days (50%) 5 to 7 Days (Regular TAT) Date Required When "ASAP" default to a 10t and turn around the lab prior to not all samples in the):		Copy of Invo	ice:		'ES / NO			Signa	ture: <	13	Z.)
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Special Instructions/Comments (please include	is requested, turn around will 0% RUSH priority, with pricing time to match. Please contact submitting RUSH samples. If require RUSH, please indicate special instructions.		✓ PDF ✓ Excel		r 1 🗍	SPIGEC BCCSR OW)	or of Containers Field Preserved?	h,	4	'2	3 AU	529	e.j		
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