

Report Transmission Cover Page

Bill To: City of Parksville 1116 Herring Gull Way Parksville, BC, Canada V9P 1R2	Project ID: Project Name: THM Project Location: LSD: P.O.: S22-5095 Proj. Acct. code:	Lot ID: 1669448 Control Number: Date Received: Aug 2, 2023 Date Reported: Aug 11, 2023 Report Number: 2900104
Attn: Accounts Payable Sampled By: Barb Silenieks 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	
<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:

The information contained on this and all other pages transmitted, is intended for the addressee only and is considered confidential. If the reader is not the intended recipient, you are hereby notified that any use, dissemination, distribution or copy of this transmission is strictly prohibited. If you receive this transmission by error, or if this transmission is not satisfactory, please notify us by telephone.

Analytical Report

Bill To: City of Parksville 1116 Herring Gull Way Parksville, BC, Canada V9P 1R2	Project ID: Project Name: THM Project Location: LSD: P.O.: S22-5095 Proj. Acct. code:	Lot ID: 1669448 Control Number: Date Received: Aug 2, 2023 Date Reported: Aug 11, 2023 Report Number: 2900104
Attn: Accounts Payable Sampled By: Barb Silenieks Company: City of Parksville		

	Reference Number	1669448-1	1669448-2	1669448-3		
	Sample Date	Aug 01, 2023	Aug 01, 2023	Aug 01, 2023		
	Sample Time	09:20	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	%	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

Analytical Report

Bill To: City of Parksville 1116 Herring Gull Way Parksville, BC, Canada V9P 1R2	Project ID: Project Name: THM Project Location: LSD: P.O.: S22-5095 Proj. Acct. code:	Lot ID: 1669448 Control Number: Date Received: Aug 2, 2023 Date Reported: Aug 11, 2023 Report Number: 2900104
Attn: Accounts Payable Sampled By: Barb Silenieks Company: City of Parksville		

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
Matrix	Water	Water

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	%	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 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

Methodology and Notes

Bill To: City of Parksville 1116 Herring Gull Way Parksville, BC, Canada V9P 1R2	Project ID: Project Name: THM Project Location: LSD: P.O.: S22-5095 Proj. Acct. code:	Lot ID: 1669448 Control Number: Date Received: Aug 2, 2023 Date Reported: Aug 11, 2023 Report Number: 2900104
Attn: Accounts Payable Sampled By: Barb Silenieks Company: City of Parksville		

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 / Purge and Trap for Aqueous Samples, 8260/5030 <i>* Reference Method Modified</i>	Aug 10, 2023	Element Vancouver

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.

