

Maxxam Job #: B809848
Report Date: 2018/02/13

TETRA TECH CANADA INC.
Client Project #: ENW.VENW03150-01
Site Location: SD68 LEAD DW TESTING
Sampler Initials: BB

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			SY0408	SY0409	SY0410		
Sampling Date			2018/01/29	2018/01/29	2018/01/29		
COC Number			546212-07-01	546212-07-01	546212-07-01		
	UNITS	MAC	18DC17-30S	18DC18-30S	18DC20-30S	RDL	QC Batch
Total Metals by ICPMS							
Total Lead (Pb)	ug/L	10	4.38	4.91	13.3	0.20	8907060
No Fill	No Exceedance						
Grey	Exceeds 1 criteria policy/level						
Black	Exceeds both criteria/levels						
RDL = Reportable Detection Limit							

Maxxam Job #: B809848
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TETRA TECH CANADA INC.
Client Project #: ENW.VENW03150-01
Site Location: SD68 LEAD DW TESTING
Sampler Initials: BB

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	8.7°C
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MAC: The guidelines that have been included in this report have been taken from the Canadian Drinking Water Quality Summary Table, February 2017.

Criteria A = Maximum Acceptable Concentration (MAC) / Criteria B = Aesthetic Objectives (AO) / Criteria C = Operational Guidance Values (OG)
It is recommended to consult these guidelines when interpreting your data since there are non-numerical guidelines that are not included on this report.

Turbidity Guidelines:

1. Chemically assisted filtration: less than or equal to 0.3 NTU in 95% of the measurements or 95% of the time each month. Shall not exceed 1.0 NTU at any time.
2. Slow sand / diatomaceous earth filtration: less than or equal to 1.0 NTU in 95% of the measurements or 95% of the time each month. Shall not exceed 3.0 NTU at any time.
3. Membrane filtration: less than or equal to 0.1 NTU in 99% of the measurements made or at least 99% of the time each calendar month. Shall not exceed 0.3 NTU at any time.

Results relate only to the items tested.

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QUALITY ASSURANCE REPORT

TETRA TECH CANADA INC.
Client Project #: ENW.VENW03150-01
Site Location: SD68 LEAD DW TESTING
Sampler Initials: BB

QC Batch	Parameter	Date	Matrix Spike		Spiked Blank		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
8907050	Total Lead (Pb)	2018/02/09	96	80 - 120	98	80 - 120	<0.20	ug/L	9.0	20
8907060	Total Lead (Pb)	2018/02/10	104	80 - 120	95	80 - 120	<0.20	ug/L	4.7	20

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

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TETRA TECH CANADA INC.
Client Project #: ENW.VENW03150-01
Site Location: SD68 LEAD DW TESTING
Sampler Initials: BB

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Rob Reinert, B.Sc., Scientific Specialist

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

INVOICE TO:		Report Information		Project Information	
Company Name: #1433 TETRA TECH CANADA INC.		Company Name: Darren Thomas		Quotation #: B71611	
Contact Name: Darren Thomas		Contact Name: Darren Thomas		P.O. #: ENW.VENW03150-01	
Address: #1 - 4376 BOBAN DRIVE NANAIMO BC V9T 6A7		Address:		Project #: SD65 Lead on test	
Phone: (250) 756-2256 x Fax: (250) 756-2686 x		Phone:		Site #: Ben Barton / Darren Morley	
Email: Darren.Thomas@tetrattech.com; EBA.Labdata@tetrattec		Email: Darren.Thomas@tetrattech.com; EBA.Labdata@tetrattec		Sampled By:	

Regulatory Criteria:

☐ CSR

☐ CCME

☐ BC Water Quality

☒ Other: Health Canada

Special Instructions:

ANALYSIS REQUESTED (PLEASE BE SPECIFIC)

Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Metals Field Filtered ? (Y/N)	Lead - Drinking Water
1	GA05-30s	18/01/29	12:00 midday water	n	X	
2	GA06-30s			n	X	
3	GA08-30s			n	X	
4	GA12-30s			n	X	
5	GA13-30s			n	X	
6	GA16-30s			n	X	
7	GA20-30s			n	X	
8	PA01-30s		03:00	n	X	
9	PA02-30s			n	X	
10	PA03-30s			n	X	

SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM

RELINQUISHED BY: (Signature/Print) Darren Thomas Date: (YY/MM/DD) 18/02/07 Time: 16:00

RECEIVED BY: (Signature/Print) MU PEDRO TACH Date: (YY/MM/DD) 2018/02/08 Time: 08:40

Jars used and not submitted: 0

Lab Use Only

Time Sensitive: ☐ Temperature (°C) on Receipt: 9.8.9

Custody Seal Intact on Cooler? ☐ Yes ☒ No N/A

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO MAXXAM'S STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.MAXXAM.CA/TERMS.

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.



Page 1 of 7

Order #: 546212

Project Manager: Letitia Prefontaine



Maxxam Analytics International Corporation o/a Maxxam Analytics
4608 Canada Way, Burnaby, British Columbia Canada V5G 1K5 Tel: (604) 734 7276 Toll-free 800-563-6266 Fax: (604) 731 2386 www.maxxam.ca

Page 3 of 3

INVOICE TO:		Report Information		Project Information	
Company Name	#1433 TETRA TECH CANADA INC.	Company Name	Darren Thomas	Quotation #	B71611
Contact Name	Darren Thomas	Contact Name	Darren Thomas	P.O. #	
Address	#1 - 4376 BOBAN DRIVE NANAIMO BC V9T 6A7	Address		Project #	ENW.VENW03150-01
Phone	(250) 756-2256 x	Phone		Project Name	SKS On lead testing
Email	Darren.Thomas@tetratech.com; EBA.Labdata@tetratec	Email	Darren.Thomas@tetratech.com; EBA.Labdata@tetratec	Site #	
Regulatory Criteria:		Special Instructions		Turnaround Time (TAT) Required:	
<input type="checkbox"/> CSR <input type="checkbox"/> CCME <input type="checkbox"/> BC Water Quality <input checked="" type="checkbox"/> Other <i>Health Canada</i>				Please provide advance notice for rush projects	
SAMPLER MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM				Regular (Standard) TAT: (will be applied if Rush TAT is not specified): Standard TAT = 5-7 Working days for most tests. Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.	
				Job Specific Rush TAT (if applies to entire submission) 1 DAY <input type="checkbox"/> 2 Day <input type="checkbox"/> 3 Day <input type="checkbox"/> Date Required: <input type="checkbox"/>	
				Rush Confirmation Number: _____ (call lab for #)	
				# of Bottles _____ Comments _____	
Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	
1	18 DC08-30s	15/02/29		water	n
2	18 DC09-30s				n
3	18 DC13-30s				n
4	18 DC17-30s				n
5	18 DC18-30s				n
6	18 DC20-30s				n
7	18 ST09-30s				n
8					
9					
10					
* RELINQUISHED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)	
<i>Darren Thomas</i>		15/02/27	12:00	<i>MILL PEDRO JACK</i>	
				Date: (YY/MM/DD)	
				2015/02/08	
				Time	
				08:40	
				# jars used and not submitted	
				Time Sensitive	
				Temperature (°C) on Receipt	
				9.8.9	
				Custody Seal Intact on Cooler?	
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
				White: Maxxam Yellow: Client	

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO MAXXAM'S STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.MAXXAM.CA/TERMS.

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

Maxxam Analytics International Corporation o/a Maxxam Analytics

Your Project #: ENW.VENW03150

Site Location: SD68 DW TESTING

Attention: Ben Barton

TETRA TECH CANADA INC.

#1 - 4376 BOBAN DRIVE

NANAIMO, BC

Canada V9T 6A7

Your C.O.C. #: 545893-11-01, 545893-12-01, 545893-13-01, 545893-14-01, 545893-15-01

Report Date: 2018/02/06

Report #: R2510628

Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B807281

Received: 2018/01/30, 08:48

Sample Matrix: DRINKING WATER

Samples Received: 47

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by CRC ICPMS (total)	38	N/A	2018/01/31	BBY7SOP-00003,	EPA 6020b R2 m
Elements by CRC ICPMS (total)	9	N/A	2018/02/02	BBY7SOP-00003,	EPA 6020b R2 m

Remarks:

Maxxam Analytics' laboratories are accredited to ISO/IEC 17025:2005 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Maxxam are based upon recognized Provincial, Federal or US method compendia such as CCME, MDDELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Maxxam's profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Maxxam in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected.

Maxxam Analytics' liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Maxxam has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Maxxam, unless otherwise agreed in writing.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Your Project #: ENW.VENW03150
Site Location: SD68 DW TESTING

Attention: Ben Barton

TETRA TECH CANADA INC.
#1 - 4376 BOBAN DRIVE
NANAIMO, BC
Canada V9T 6A7

Your C.O.C. #: 545893-11-01, 545893-12-01, 545893-13-01, 545893-14-01, 545893-15-01

Report Date: 2018/02/06
Report #: R2510628
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B807281

Received: 2018/01/30, 08:48

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Letitia Prefontaine, B.Sc., Senior Project Manager

Email: LPrefontaine@maxxam.ca

Phone# (604)639-2616

=====

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Maxxam Job #: B807281
Report Date: 2018/02/06

TETRA TECH CANADA INC.
Client Project #: ENW.VENW03150
Site Location: SD68 DW TESTING
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			SW7411	SW7412	SW7413	SW7414	SW7415	SW7416		
Sampling Date			2018/01/28 12:00	2018/01/28 12:00	2018/01/28 12:00	2018/01/28 12:00	2018/01/28 12:00	2018/01/28 12:00		
COC Number			545893-11-01	545893-11-01	545893-11-01	545893-11-01	545893-11-01	545893-11-01		
	UNITS	MAC	GA01-OS	GA02-OS	GA03-OS	GA04-OS	GA05-OS	GA06-OS	RDL	QC Batch

Total Metals by ICPMS

Total Lead (Pb)	ug/L	10	6.98	3.76	1.11	7.51	15.8	11.1	0.20	8898737
No Fill	No Exceedance									
Grey	Exceeds 1 criteria policy/level									
Black	Exceeds both criteria/levels									
RDL = Reportable Detection Limit										

Maxxam ID			SW7417	SW7418	SW7419	SW7420	SW7421	SW7422		
Sampling Date			2018/01/28 12:00	2018/01/28 12:00	2018/01/28 12:00	2018/01/28 12:00	2018/01/28 12:00	2018/01/28 12:00		
COC Number			545893-11-01	545893-11-01	545893-11-01	545893-11-01	545893-12-01	545893-12-01		
	UNITS	MAC	GA07-OS	GA08-OS	GA09-OS	GA10-OS	GA11-OS	GA12-OS	RDL	QC Batch

Total Metals by ICPMS

Total Lead (Pb)	ug/L	10	6.08	20.7	4.67	0.50	6.46	10.7	0.20	8898737
No Fill	No Exceedance									
Grey	Exceeds 1 criteria policy/level									
Black	Exceeds both criteria/levels									
RDL = Reportable Detection Limit										

Maxxam ID			SW7423	SW7424	SW7425	SW7426	SW7427	SW7428		
Sampling Date			2018/01/28 12:00	2018/01/28 12:00	2018/01/28 12:00	2018/01/28 12:00	2018/01/28 12:00	2018/01/28 12:00		
COC Number			545893-12-01	545893-12-01	545893-12-01	545893-12-01	545893-12-01	545893-12-01		
	UNITS	MAC	GA13-OS	GA14-OS	GA15-OS	GA16-OS	GA17-OS	GA18-OS	RDL	QC Batch

Total Metals by ICPMS

Total Lead (Pb)	ug/L	10	12.5	8.13	7.87	13.2	0.55	1.59	0.20	8898737
No Fill	No Exceedance									
Grey	Exceeds 1 criteria policy/level									
Black	Exceeds both criteria/levels									
RDL = Reportable Detection Limit										

Maxxam Job #: B807281
Report Date: 2018/02/06

TETRA TECH CANADA INC.
Client Project #: ENW.VENW03150
Site Location: SD68 DW TESTING
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			SW7429		SW7430	SW7439	SW7440	SW7441		
Sampling Date			2018/01/28 12:00		2018/01/28 12:00	2018/01/28 12:00	2018/01/28 03:00	2018/01/28 03:00		
COC Number			545893-12-01		545893-12-01	545893-13-01	545893-13-01	545893-13-01		
	UNITS	MAC	GA19-OS	QC Batch	GA20-OS	GADUP-OS	PA01-OS	PA02-OS	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	8.22	8898737	9.32	8.78	13.7	17.3	0.20	8898755
No Fill	No Exceedance									
Grey	Exceeds 1 criteria policy/level									
Black	Exceeds both criteria/levels									
RDL = Reportable Detection Limit										

Maxxam Job #: B807281
Report Date: 2018/02/06

TETRA TECH CANADA INC.
Client Project #: ENW.VENW03150
Site Location: SD68 DW TESTING
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			SW7442	SW7443	SW7444	SW7445	SW7446	SW7447		
Sampling Date			2018/01/28 03:00	2018/01/28 03:00	2018/01/28 03:00	2018/01/28 03:00	2018/01/28 03:00	2018/01/28 03:00		
COC Number			545893-13-01	545893-13-01	545893-13-01	545893-13-01	545893-13-01	545893-13-01		
	UNITS	MAC	PA03-OS	PA04-OS	PA05-OS	PA06-OS	PA07-OS	PA08-OS	RDL	QC Batch

Total Metals by ICPMS

Total Lead (Pb)	ug/L	10	18.7	6.60	1.20	1.41	15.0	4.33	0.20	8898755
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No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			SW7448	SW7449	SW7450	SW7451	SW7452	SW7453		
Sampling Date			2018/01/28 03:00	2018/01/28 03:00	2018/01/28 03:00	2018/01/28 03:00	2018/01/28 03:00	2018/01/28 03:00		
COC Number			545893-13-01	545893-14-01	545893-14-01	545893-14-01	545893-14-01	545893-14-01		
	UNITS	MAC	PA09-OS	PA10-OS	PA11-OS	PA12-OS	PA13-OS	PA14-OS	RDL	QC Batch

Total Metals by ICPMS

Total Lead (Pb)	ug/L	10	3.75	1.03	30.2	3.29	3.07	4.19	0.20	8898755
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No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			SW7454	SW7455	SW7456		SW7457	SW7458		
Sampling Date			2018/01/28 03:00	2018/01/28 03:00	2018/01/28 03:00		2018/01/28 03:00	2018/01/28 05:00		
COC Number			545893-14-01	545893-14-01	545893-14-01		545893-14-01	545893-14-01		
	UNITS	MAC	PA15-OS	PA16-OS	PA17-OS	QC Batch	PADUP-OS	SB01-OS	RDL	QC Batch

Total Metals by ICPMS

Total Lead (Pb)	ug/L	10	5.69	17.2	65.1	8898755	49.3	6.68	0.20	8898774
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No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Job #: B807281
Report Date: 2018/02/06

TETRA TECH CANADA INC.
Client Project #: ENW.VENW03150
Site Location: SD68 DW TESTING
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			SW7460	SW7461	SW7462	SW7463	SW7464	SW7465		
Sampling Date			2018/01/28 05:00	2018/01/28 05:00	2018/01/28 05:00	2018/01/28 05:00	2018/01/28 05:00	2018/01/28 05:00		
COC Number			545893-15-01	545893-15-01	545893-15-01	545893-15-01	545893-15-01	545893-15-01		
	UNITS	MAC	SB02-OS	SB03-OS	SB04-OS	SB05-OS	SB06-OS	SB07-OS	RDL	QC Batch

Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	8.70	4.34	0.47	2.89	0.42	10.8	0.20	8898774
No Fill	No Exceedance									
Grey	Exceeds 1 criteria policy/level									
Black	Exceeds both criteria/levels									
RDL = Reportable Detection Limit										

Maxxam Job #: B807281
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TETRA TECH CANADA INC.
Client Project #: ENW.VENW03150
Site Location: SD68 DW TESTING
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			SW7466		
Sampling Date			2018/01/28 05:00		
COC Number			545893-15-01		
	UNITS	MAC	SBDUP-OS	RDL	QC Batch
Total Metals by ICPMS					
Total Lead (Pb)	ug/L	10	0.75	0.20	8898774
No Fill	No Exceedance				
Grey	Exceeds 1 criteria policy/level				
Black	Exceeds both criteria/levels				
RDL = Reportable Detection Limit					

Maxxam Job #: B807281
Report Date: 2018/02/06

TETRA TECH CANADA INC.
Client Project #: ENW.VENW03150
Site Location: SD68 DW TESTING
Sampler Initials: DT

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	4.3°C
-----------	-------

COC page 5 of 5 line # 6, SB06-OS : 1x 120mL plastic preserved with HNO3 received with incorrect labels. Sample labeled as SB07-OS, inspected as per sample label.

MAC: The guidelines that have been included in this report have been taken from the Canadian Drinking Water Quality Summary Table, February 2017.

Criteria A = Maximum Acceptable Concentration (MAC) / Criteria B = Aesthetic Objectives (AO) / Criteria C = Operational Guidance Values (OG)
It is recommended to consult these guidelines when interpreting your data since there are non-numerical guidelines that are not included on this report.

Turbidity Guidelines:

1. Chemically assisted filtration: less than or equal to 0.3 NTU in 95% of the measurements or 95% of the time each month. Shall not exceed 1.0 NTU at any time.
2. Slow sand / diatomaceous earth filtration: less than or equal to 1.0 NTU in 95% of the measurements or 95% of the time each month. Shall not exceed 3.0 NTU at any time.
3. Membrane filtration: less than or equal to 0.1 NTU in 99% of the measurements made or at least 99% of the time each calendar month. Shall not exceed 0.3 NTU at any time.

Results relate only to the items tested.

Maxxam Job #: B807281
Report Date: 2018/02/06

QUALITY ASSURANCE REPORT

TETRA TECH CANADA INC.
Client Project #: ENW.VENW03150
Site Location: SD68 DW TESTING
Sampler Initials: DT

QC Batch	Parameter	Date	Matrix Spike		Spiked Blank		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
8898737	Total Lead (Pb)	2018/01/31	97	80 - 120	98	80 - 120	<0.20	ug/L	0.40	20
8898755	Total Lead (Pb)	2018/01/31	99	80 - 120	97	80 - 120	<0.20	ug/L	2.2	20
8898774	Total Lead (Pb)	2018/02/02	93	80 - 120	102	80 - 120	<0.20	ug/L	1.5	20

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Maxxam Job #: B807281
Report Date: 2018/02/06

TETRA TECH CANADA INC.
Client Project #: ENW.VENW03150
Site Location: SD68 DW TESTING
Sampler Initials: DT

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Andy Lu, Ph.D., P.Chem., Scientific Specialist

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



Maxxam Analytics International Corporation o/a Maxxam Analytics
4606 Canada Way, Burnaby, British Columbia Canada V5G 1K5 Tel: (604) 734 7276 Toll-free 800-563-6256 Fax: (604) 731 2386 www.maxxam.ca

Chain Of Custody Record

1 of 5

INVOICE TO:		Report Information		Project Information	
Company Name:	#1433 TETRA TECH CANADA INC.	Company Name:	Seal as mobile	Quotation #	B60578
Contact Name:	Ben Barton	Contact Name:		P.O. #	
Address:	#1 - 4376 BOBAN DRIVE	Address:		Project #	ENW VENW03150
	NANAIMO BC V9T 6A7			Project Name:	SD65 New testing
Phone:	(250) 756-2256 x	Phone:		Site #	
Fax:	(250) 756-2686 x	Fax:		Sampled By	Dan Thomas
Email:	bbarton@eba.ca; EBA.Labdata@tetratech.com	Email:			



B807281_COC

Regulatory Criteria:		Special Instructions		ANALYSIS REQUESTED (PLEASE BE SPECIFIC)												Turnaround Time (TAT) Required:	
<input type="checkbox"/> CSR <input type="checkbox"/> CCME <input type="checkbox"/> BC Water Quality <input checked="" type="checkbox"/> Other <i>BC Health Care de DWQGL</i>																Please provide advance notice for rush projects	
																Regular (Standard) TAT: (will be applied if Rush TAT is not specified) Standard TAT = 5-7 Working days for most tests. Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.	
																Job Specific Rush TAT (if applies to entire submission) 1 DAY <input type="checkbox"/> 2 Day <input type="checkbox"/> 3 Day <input type="checkbox"/> Date Required <input type="checkbox"/>	
																Rush Confirmation Number: <input type="checkbox"/> (call lab for #)	
SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM																	
Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Metals Field Filtered? (Y/N)	Lead - Drinking Water										# of Bottles	Comments
GA01-0s	GA01-0s	15/01/28	12:00pm	Water	N	X										1	
GA02-0s	GA02-0s				N	X										1	
GA03-0s	GA03-0s				N	X										1	
GA04-0s	GA04-0s				N	X										1	
GA05-0s	GA05-0s				N	X										1	
GA06-0s	GA06-0s				N	X										1	
GA07-0s	GA07-0s				N	X										1	
GA08-0s	GA08-0s				N	X										1	
GA09-0s	GA09-0s				N	X										1	
GA10-0s	GA10-0s				N	X										1	
RELINQUISHED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	# jars used and not submitted	Lab Use Only								
<i>Dan Thomas</i>		15/01/28	9:00	<i>POMMERL GORDA</i>		2016/01/28	08:46		Time Sensitive <input type="checkbox"/>	Temperature (°C) on Receipt <i>4, 5, 4</i>	Custody Seal Intact on Cooler? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO MAXXAM'S STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.MAXXAM.CA/TERMS.																	
* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.																	

106-485

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Chain Of Custody Record

Page 2 of 5

INVOICE TO:		Report Information		Project Information	
Company Name	#1433 TETRA TECH CANADA INC.	Company Name	Jane AS Invoice to	Quotation #	B60578
Contact Name	Ben Barton	Contact Name		P.O. #	
Address	#1 - 4376 BOBAN DRIVE	Address		Project #	ENW.VENW03150
	NANAIMO BC V9T 6A7			Project Name	SDGS Water Testing
Phone	(250) 756-2256 x	Phone		Site #	
Fax	(250) 756-2686 x	Fax		Sampled By	Darren Thomas
Email	bbarton@eba.ca; EBA.Labdata@tetratech.com	Email			



B807281_COC

Order #:
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ontaine

Regulatory Criteria:		Special Instructions		ANALYSIS REQUESTED (PLEASE BE SPECIFIC)										Turnaround Time (TAT) Required:					
<input type="checkbox"/> CSR <input type="checkbox"/> CCME <input type="checkbox"/> BC Water Quality <input checked="" type="checkbox"/> Other Health Canada DRUGS														Please provide advance notice for rush projects					
SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM														Regular (Standard) TAT:					
														(will be applied if Rush TAT is not specified): Standard TAT = 5-7 Working days for most tests.					
														Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.					
														Job Specific Rush TAT (if applies to entire submission)					
														1 DAY <input type="checkbox"/> 2 Day <input type="checkbox"/> 3 Day <input type="checkbox"/> Date Required: <input type="checkbox"/>					
														Rush Confirmation Number: <input type="checkbox"/>					
														(call lab for #)					
														# of Bottles					
														Comments					
Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Metals Field Filtered ? (Y/N)	Lead - Drinking Water													
1	GA11-0s	18/01/28	9:00	Water	N	X													
2	GA12-0s				N	X													
3	GA13-0s				N	X													
4	GA14-0s				N	X													
5	GA15-0s				N	X													
6	GA16-0s				N	X													
7	GA17-0s				N	X													
8	GA18-0s				N	X													
9	GA19-0s				N	X													
10	GA20-0s				N	X													
RELINQUISHED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	# Jars used and not submitted	Lab Use Only										
Darren Thomas		18/01/28	9:00	POMMER GOTA		20/01/20	08:46		Time Sensitive	Temperature (°C) on Receipt		Custody Seal Intact on Cooler?							
									<input type="checkbox"/>	4.5.4		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO MAXXAM'S STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.MAXXAM.CA/TERMS.																		White: Maxxam Yellow: Client	
* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.																			

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Chain Of Custody Record

Page 3 of 5

INVOICE TO:		Report Information		Project Information	
Company Name	#1433 TETRA TECH CANADA INC.	Company Name	Same as invoice to	Quotation #	B60578
Contact Name	Ben Barton	Contact Name		P.O. #	
Address	#1 - 4376 BOBAN DRIVE NANAIMO BC V9T 6A7	Address		Project #	ENW VENW03150
Phone	(250) 756-2256 x	Phone		Project Name	SDBS water sampling
Email	bbarton@eba.ca; EBA.Labdata@tetrattech.com	Email		Site #	
				Sampled By	Doreen Palmer



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Regulatory Criteria:		Special Instructions		ANALYSIS REQUESTED (PLEASE BE SPECIFIC)										Turnaround Time (TAT) Required:		
<input type="checkbox"/> CSR <input type="checkbox"/> CCME <input type="checkbox"/> BC Water Quality <input checked="" type="checkbox"/> Other Health Canada DRUG														Please provide advance notice for rush projects		
														Regular (Standard) TAT: (will be applied if Rush TAT is not specified): Standard TAT = 5-7 Working days for most tests. Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.		
														Job Specific Rush TAT (if applies to entire submission) 1 DAY <input type="checkbox"/> 2 Day <input type="checkbox"/> 3 Day <input type="checkbox"/> Date Required: <input type="checkbox"/>		
														Rush Confirmation Number: <input type="checkbox"/> (call lab for #)		
SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM																
Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Metals Field Filtered? (Y/N)	Lead - Drinking Water									# of Bottles	Comments
1	GADP - O ₅	18/01/28	12:00pm	Water	N	X									1	
2	PA01 - O ₅		3:00pm		N	X									1	
3	PA02 - O ₅				N	X									1	
4	PA03 - O ₅				N	X									1	
5	PA04 - O ₅				N	X									1	
6	PA05 - O ₅				N	X									1	
7	PA06 - O ₅				N	X									1	
8	PA07 - O ₅				N	X									1	
9	PA08 - O ₅				N	X									1	
10	PA09 - O ₅				N	X									1	
* RELINQUISHED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	# jars used and not submitted		Lab Use Only						
Doreen Palmer		18/01/28	9:00	Doreen Palmer		20/01/30	08:40			Time Sensitive	Temperature (°C) on Receipt	Custody Seal Intact on Cooler?				
										<input type="checkbox"/>	4.5.4	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO MAXXAM'S STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.MAXXAM.CA/TERMS.																
* IT IS THE RESPONSIBILITY OF THE RELINQUISHING PARTY TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.																

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Chain Of Custody Record

Page 4 of 5

INVOICE TO:		Report Information		Project Information	
Company Name	#1433 TETRA TECH CANADA INC.	Company Name	Same as invoice to	Quotation #	B60578
Contact Name	Ben Barton	Contact Name		P.O. #	
Address	#1 - 4376 BOBAN DRIVE NANAIMO BC V9T 6A7	Address		Project #	ENW VENW03150
Phone	(250) 756-2256 x	Phone		Project Name	SOS DW Sampling
Email	bbarton@eba.ca; EBA.Labdata@tetratech.com	Email		Site #	
				Sampled By	Darren Rasmussen



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Regulatory Criteria:

☐ CSR

☐ CCME

☐ BC Water Quality

☒ Other Health Canada DWBC

Special Instructions

ANALYSIS REQUESTED (PLEASE BE SPECIFIC)

Turnaround Time (TAT) Required:

Please provide advance notice for rush projects

Regular (Standard) TAT:

(will be applied if Rush TAT is not specified):

Standard TAT = 5-7 Working days for most tests.

Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)

1 DAY ☐ 2 Day ☐ 3 Day ☐ Date Required: ☐

Rush Confirmation Number:

(call lab for #)

SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM

Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Metals Field Filtered ? (Y/N)	Lead - Drinking Water														# of Bottles	Comments
1	PA 10 - O ₃	18/01/18	03:00am	water	N	X														1	
2	PA 11 - O ₃				N	X														1	
3	PA 12 - O ₃				N	X														1	
4	PA 13 - O ₃				N	X														1	
5	PA 14 - O ₃				N	X														1	
6	PA 15 - O ₃				N	X														1	
7	PA 16 - O ₃				N	X														1	
8	PA 17 - O ₃				N	X														1	
9	PA Dup - O ₃				N	X														1	
10	SB 01 - O ₃		5:00am		N	X														1	

* RELINQUISHED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	# jars used and not submitted	Lab Use Only		
Darren Rasmussen		18/01/18	9:00	KOMMA GDA		2018/01/30	05:41		Time Sensitive <input type="checkbox"/>	Temperature (°C) on Receipt 4.5.4	Custody Seal Intact on Cooler? <input type="checkbox"/> Yes <input type="checkbox"/> No
* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO MAXXAM'S STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.MAXXAM.CA/TERMS.											
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Chain Of Custody Record

Page 5 of 5

INVOICE TO:		Report Information		Project Information	
Company Name	1433 TETRA TECH CANADA INC.	Company Name	Sum as above to	Quotation #	B60578
Contact Name	Ben Barton	Contact Name		P.O. #	
Address	#1 - 4376 BOBAN DRIVE NANAIMO BC V9T 6A7	Address		Project #	ENW VENW03150
Phone	(250) 756-2256 x	Phone		Project Name	SDGS Du Sampling
Email	bbarton@eba.ca; EBA.Labdata@tetratech.com	Email		Site #	
				Sampled By	Darren Roux



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der #:
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Regulatory Criteria:		Special Instructions		ANALYSIS REQUESTED (PLEASE BE SPECIFIC)												Turnaround Time (TAT) Required:		
<input type="checkbox"/> CSR <input type="checkbox"/> CCME <input type="checkbox"/> BC Water Quality <input checked="" type="checkbox"/> Other Health Canada DWQGL																Please provide advance notice for rush projects		
SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM																		
Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Metals Field Filtered ? (Y/N)	Lead - Drinking Water											# of Bottles	Comments
1	SB02 - 0s	18/01/28	9:00	Water	N	X											1	
2	SB03 - 0s				N	X											1	
3	SB04 - 0s				N	X											1	
4	SB05 - 0s				N	X											1	
5	SB06 - 0s				N	X											1	
6	SB06 - 0s				N	X											1	
7	SB06 - 0s				N	X											1	
8	SB06 - 0s				N	X											1	
9																		
10																		
RELINQUISHED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	# jars used and not submitted	Lab Use Only									
[Signature] Darren Roux		18/01/28	9:00	[Signature] Darren Roux		2018/01/30	08:46		Time Sensitive	Temperature (°C) on Receipt	Custody Seal Intact on Cooler?							
									<input type="checkbox"/>	45.4	<input type="checkbox"/> Yes <input type="checkbox"/> No							
* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO MAXXAM'S STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.MAXXAM.CA/TERMS.																		
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