Maxxam Job #: B6B3648
Report Date: 2016/12/28

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QH6000	QH6001	QH6002	QH6003	QH6004	QH6005		
Sampling Date			2016/12/05	2016/12/05	2016/12/05	2016/12/05	2016/12/05	2016/12/05		
COC Number			08434223	08434223	08434223	08434223	08434223	08434223		
	UNITS	MAC	NDSS@35 @ 30S	DAC#1 @ 30S	RBCH#1 30S	RBCH#2 30S	RBCH#3 30S	RBCH#4 30S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	**29.4**	1.94	0.40	8.00	8.23	0.55	0.20	8511138

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QH6006		
Sampling Date			2016/12/05		
COC Number			08434223		
	UNITS	MAC	RBCH#5 30S	RDL	QC Batch
Total Metals by ICPMS					
Total Lead (Pb)	ug/L	10	1.09	0.20	8511138

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B6B3648
Report Date: 2016/12/28

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

GENERAL COMMENTS

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

Package 1	4.3°C
Package 2	6.0°C

MAC: The guidelines that have been included in this report have been taken from the Canadian Drinking Water Quality Summary Table, October 2014.

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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Maxxam Job #: B6B3648
Report Date: 2016/12/28

QUALITY ASSURANCE REPORT

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
8511031	Total Lead (Pb)	2016/12/23	94	80 - 120	97	80 - 120	<0.20	ug/L	2.7	20
8511035	Total Lead (Pb)	2016/12/24	NC	80 - 120	98	80 - 120	<0.20	ug/L	1.0	20
8511036	Total Lead (Pb)	2016/12/24	96	80 - 120	97	80 - 120	<0.20	ug/L	3.1	20
8511137	Total Lead (Pb)	2016/12/23	NC	80 - 120	97	80 - 120	<0.20	ug/L	1.2	20
8511138	Total Lead (Pb)	2016/12/23	NC	80 - 120	96	80 - 120	<0.20	ug/L	0.49	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.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spiked amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than 2x that of the native sample concentration).

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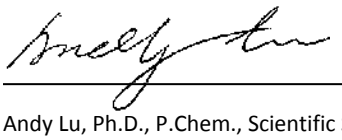
Maxxam Job #: B6B3648
Report Date: 2016/12/28

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
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.

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CHAIN OF CUSTODY

08434230

COC

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (wher		Turnaround Time (TAT) Required	
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)	
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)	
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days	
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days	
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:	

Regulatory Criteria	Special Instructions	Rush Confirmation #:
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler	
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)	
☑ Drinking Water ☑ BC Water Quality		

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	LEAD	# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE
1	LIS#1 @ 0s		12/19/2016		Water													x	1	
2	LIS#2 @ 0s		12/19/2016		Water													x	1	
3	LIS#3 @ 0s		12/19/2016		Water													x	1	
4	LIS#4 @ 0s		12/19/2016		Water													x	1	
5	LIS#5 @ 0s		12/19/2016		Water													x	1	
6	LIS#6 @ 0s		12/19/2016		Water													x	1	
7	LIS#7 @ 0s		12/19/2016		Water													x	1	
8	LIS#8 @ 5min		12/19/2016		Water													x	1	
9	LIS#9 @ 0s		12/19/2016		Water													x	1	
10	LIS#10 @ 0s		12/19/2016		Water													x	1	

Analysis Requested: VOC/VPH, TEH, LEPH/HEPH, F2 - F4, Preserved?, Preserved?, Field Preserved?, Field Preserved?, Sulphate, COD, Alkalinity, Ammonia, MTBE, BTEX/ F1, Filtered?, Filtered?, Dissolved Metals, Dissolved Mercury, Total Metals, Total Mercury, Fluoride, BOD, Conductivity, Nitrate, BTEX/VPH, EPH, PAH, CCME-PHC, Chloride, TSS, pH, Nitrite, LEAD

LABORATORY USE ONLY		
CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
NA		4.5
NA		6.6
		1.9
COOLING MEDIA PRESENT	Y / N	

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
Darren Thomas	2016/12/19	11:00	Laurel Beattie	2016/12/20	14:30	

B6B3648_COC

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CHAIN OF CUSTODY

COC:

08434229

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:

Regulatory Criteria	Special Instructions
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)
☑ Drinking Water ☑ BC Water Quality	

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	LEAD	# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE
1	LIS#11 @ 0s		12/19/2016		Water													x	1	
2	LIS#12 @ 0s		12/19/2016		Water													x	1	
3	LIS#13 @ 0s		12/19/2016		Water													x	1	
4	LIS#14 @ 0s		12/19/2016		Water													x	1	
5	LIS#15 @ 0s		12/19/2016		Water													x	1	
6	LIS#16 @ 0s		12/19/2016		Water													x	1	
7	LIS#17 @ 0s		12/19/2016		Water													x	1	
8	LIS#18 @ 0s		12/19/2016		Water													x	1	
9	LIS#19 @ 0s		12/19/2016		Water													x	1	
10	LIS#20 @ 0s		12/19/2016		Water													x	1	

Analysis Requested: ☐ VOC/VPH ☐ TEH ☐ LEPH/HEPH ☐ F2 - F4 ☐ Preserved? ☐ Preserved? ☐ Field Preserved? ☐ Field Preserved? ☐ Sulphate ☐ COD ☐ Alkalinity ☐ Ammonia ☐ MTBE ☐ BTEX/ F1 ☐ Filtered? ☐ Filtered? ☐ Fluoride ☐ BOD ☐ Conductivity ☐ Nitrate

LABORATORY USE ONLY

CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
NA		4.4 5
NA		4.6 6

COOLING MEDIA PRESENT Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
	2016/12/19	11:00	Laurel McArthur	2016/12/20	14:30	

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CHAIN OF CUSTODY RECORD

COC 08434228

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Page 3 of 8

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7	PC:		Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:

Regulatory Criteria

☐ BC CSR Soil ☐ BC CSR Water

☐ CCME (Specify) ☐ Other (Specify)

☑ Drinking Water ☑ BC Water Quality

Special Instructions

☐ Return Cooler

☐ Ship Sample Bottles (Please Specify)

Analysis Requested: ☐ VOC/VPH ☐ MTBE ☐ BTEX/VPH ☐ TEH ☐ EPH ☐ LEPH/HEPH ☐ PAH ☐ F2 - F4 ☐ BTEX/ F1 ☐ CCME-PHC ☐ Preserved? ☐ Filtered? ☐ Dissolved Metals ☐ Preserved? ☐ Filtered? ☐ Dissolved Mercury ☐ Field Preserved? ☐ Total Metals ☐ Field Preserved? ☐ Total Mercury ☐ Sulphate ☐ Fluoride ☐ Chloride ☐ COD ☐ BOD ☐ TDS ☐ TSS ☐ Alkalinity ☐ Conductivity ☐ pH ☐ Ammonia ☐ Nitrate ☐ Nitrite; LEAD

Rush Confirmation #:

LABORATORY USE ONLY

CUSTODY SEAL Y / (N)

Present	Intact	COOLER TEMPERATURES
NA		4 4 5
NA		6 6 6

COOLING MEDIA PRESENT (Y) / N

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

#	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	LEAD	# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	COMMENTS
1	LPS#1 @ 0s		12/19/2016		Water	x	1		
2	LPS#2 @ 0s		12/19/2016		Water	x	1		
3	LPS#3 @ 0s		12/19/2016		Water	x	1		
4	LPS#4 @ 0s		12/19/2016		Water	x	1		
5	LPS#4 @ 5min		12/19/2016		Water	x	1		
6	LPS#5 @ 0s		12/19/2016		Water	x	1		
7	LPS#6 @ 0s		12/19/2016		Water	x	1		
8	LPS#7 @ 0s		12/19/2016		Water	x	1		
9	LPS#8 @ 0s		12/19/2016		Water	x	1		
10	LPS#9 @ 0s		12/19/2016		Water	x	1		

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
[signature]	2016/12/19	11:00	Laurel Be Athier	2016/12/20	14:30	

B6B3648_COC

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CHAIN OF CUSTODY

08434227

BBY FCD-00077/05

Page 4 of 8

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:
						Rush Confirmation #:

Regulatory Criteria

☐ BC CSR Soil ☐ BC CSR Water
☐ CCME (Specify) ☐ Other (Specify)
☑ Drinking Water ☑ BC Water Quality

Special Instructions

☐ Return Cooler
☐ Ship Sample Bottles (Please Specify)

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

LABORATORY USE ONLY

CUSTODY SEAL Y / N (N circled)		COOLER TEMPERATURES
Present	Intact	
NA		4 4 5
NA		6 6 6

COOLING MEDIA PRESENT (Y circled) / N

Analysis Requested

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH / VOC/VPH / MTBE	EPH / TEH	PAH / LEPH/HEPH	CCME-PHC / BTEX/F1 / F2-F4	Dissolved Metals / Filtered? / Preserved?	Dissolved Mercury / Filtered? / Preserved?	Total Metals / Field Preserved?	Total Mercury / Field Preserved?	Chloride / Fluoride / Sulphate	TSS / TDS / BOD / COD	pH / Conductivity / Alkalinity	Nitrite / Nitrate / Ammonia	LEAD				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	COMMENTS
1	LPS#10 @ 0s		12/19/2016		Water													x				1		
2	LPS#11 @ 0s		12/19/2016		Water													x				1		
3	LPS#12 @ 0s		12/19/2016		Water													x				1		
4	LPS#13 @ 0s		12/19/2016		Water													x				1		
5	LPS#14 @ 0s		12/19/2016		Water													x				1		
6	LPS#15 @ 0s		12/19/2016		Water													x				1		
7	LPS#16 @ 0s		12/19/2016		Water													x				1		
8	LPS#17 @ 0s		12/19/2016		Water													x				1		
9	LPS#18 @ 0s		12/19/2016		Water													x				1		
10	CMD#1 @ 0s		12/19/2016		Water													x				1		

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
[signature]	2016/12/19	11:00	[signature] Laurel Belthner	2016/12/20	14:30

B6B3648_COC

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CHAIN OF CUSTODY RECORD

COC 08434226

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (whe		Time (TAT) Required	
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)	
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)	
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days	
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days	
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:	

Regulatory Criteria	Special Instructions
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)
☑ Drinking Water ☑ BC Water Quality	

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	LEAD				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	COMMENTS
1	CMD#1 @ 5min		12/19/2016		Water													x				1		
2	CMD#2 @ 0s		12/19/2016		Water													x				1		
3	CMD#3 @ 0s		12/19/2016		Water													x				1		
4	CMD#4 @ 0s		12/19/2016		Water													x				1		
5	NOES#1 @ 0s		12/19/2016		Water													x				1		
6	NOES#2 @ 0s		12/19/2016		Water																	1	x	
7	NOES#3 @ 0s		12/19/2016		Water													x				1		
8	NOES#4 @ 0s		12/19/2016		Water													x				1		
9	NOES#5 @ 0s		12/19/2016		Water													x				1		
10	NOES#6 @ 0s		12/19/2016		Water													x				1		

Analysis Requested: VOC/VPH, MTBE, BTEX/VPH, TEH, EPH, LEPH/HEPH, PAH, F2 - F4, BTEX/ F1, CCME-PHC, Preserved?, Filtered?, Dissolved Metals, Preserved?, Filtered?, Dissolved Mercury, Field Preserved?, Total Metals, Field Preserved?, Total Mercury, Sulphate, Fluoride, Chloride, COD, BOD, TDS, Alkalinity, Conductivity, pH, Ammonia, Nitrate, Nitrite

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
	2016/12/19	11:00	Laurel Bethune	2016/12/20	14:35

MAXXAM JOB #

LABORATORY USE ONLY

CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
NA		4.4°C
NA		6.6.6

COOLING MEDIA PRESENT Y / N

B6B3648_COC

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CHAIN OF CUSTOD

08434225

BBY FCD-00077/05

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C

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:

Regulatory Criteria	Special Instructions	Rush Confirmation #:
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler	
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)	
☑ Drinking Water ☑ BC Water Quality		

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

Analysis Requested: ☐ VOC/VPH ☐ MTBE ☐ BTEX/VPH ☐ TEH ☐ EPH ☐ LEPH/HEPH ☐ PAH ☐ F2 - F4 ☐ BTEX/ F1 ☐ CCME-PHC ☐ Preserved? ☐ Filtered? ☐ Dissolved Metals ☐ Preserved? ☐ Filtered? ☐ Dissolved Mercury ☐ Field Preserved? ☐ Total Metals ☐ Field Preserved? ☐ Total Mercury ☐ Sulphate ☐ Fluoride ☐ Chloride ☐ COD ☐ BOD ☐ TDS ☐ TSS ☐ Alkalinity ☐ Conductivity ☐ pH ☐ Ammonia ☐ Nitrate ☐ Nitrite

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	LEAD	# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE
1	NOES#7 @ 0s		12/19/2016		Water	x	1	
2	NOES#8 @ 0s		12/19/2016		Water		1	x
3	NOES#9 @ 0s		12/19/2016		Water		1	x
4	NOES#10 @ 0s		12/19/2016		Water	x	1	
5	NOES#11 @ 0s		12/19/2016		Water		1	x
6	NOES#12 @ 0s		12/19/2016		Water	x	1	
7	NOES#13 @ 0s		12/19/2016		Water	x	1	
8	NOES#14 @ 0s		12/19/2016		Water	x	1	
9	NOES#15 @ 0s		12/19/2016		Water	x	1	
10	NOES#16 @ 0s		12/19/2016		Water	x	1	

LABORATORY USE ONLY

CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
NA		4.4.5

COOLING MEDIA PRESENT Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
	2016/12/19	11:00	Laurel Bellhouse	2016/12/20	14:30

B6B3648_COC

Maxxam
A Bureau Veritas Group Company

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

CHAIN OF CUSTODY 08434224

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)	
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:	
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:	
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01
	BC PC: V9T 6A7	PC:		Site Location:	School District 68
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:	
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas

Turnaround Time (TAT) Required

- ☑ Regular TAT 5 days (Most analyses)

PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS

Rush TAT (Surcharges will be applied)

- ☐ Same Day ☐ 2 Days
- ☐ 1 Day ☐ 3 Days

Date Required:

Rush Confirmation #:

Regulatory Criteria

- ☐ BC CSR Soil ☐ BC CSR Water
- ☐ CCME (Specify) ☐ Other (Specify)
- ☑ Drinking Water ☑ BC Water Quality

Special Instructions

- ☐ Return Cooler
- ☐ Ship Sample Bottles (Please Specify)

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

Analysis Requested: ☐ VOC/VPH, ☐ MTBE, ☐ BTEX/VPH, ☐ TEH, ☐ EPH, ☐ LEPH/HEPH, ☐ PAH, ☐ F2 - F4, ☐ BTEX/ F1, ☐ CCME-PHC, ☐ Preserved?, ☐ Filtered?, ☐ Dissolved Metals, ☐ Preserved?, ☐ Filtered?, ☐ Dissolved Mercury, ☐ Field Preserved?, ☐ Total Metals, ☐ Field Preserved?, ☐ Total Mercury, ☐ Sulphate, ☐ Fluoride, ☐ Chloride, ☐ COD, ☐ BOD, ☐ TDS, ☐ TSS, ☐ Alkalinity, ☐ Conductivity, ☐ pH, ☐ Ammonia, ☐ Nitrate, ☐ Nitrite, LEAD

LABORATORY USE ONLY

CUSTODY SEAL Y / (N)		COOLER TEMPERATURES
Present	Intact	
NA		4 4 5
NA		6 6 6

COOLING MEDIA PRESENT (Y) / N

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	LEAD	# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	COMMENTS
1	NOES#17 @ 0s		12/19/2016		Water	x	1		
2	NOES#18 @ 0s		12/19/2016		Water	x	1		
3	NOES#19 @ 0s		12/19/2016		Water	x	1		
4	NOES#20 @ 0s		12/19/2016		Water	x	1		
5	NOES#20 @ 5min		12/19/2016		Water	x	1		
6	NDSS#11 @ 30s		12/5/2016		Water	x	1		
7	NDSS#13 @ 30s		12/5/2016		Water	x	1		
8	NDSS#29 @ 30s		12/5/2016		Water	x	1		
9	NDSS#30 @ 30s		12/5/2016		Water	x	1		
10	NDSS#31 @ 30s		12/5/2016		Water	x	1		

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
[signature]	2016/12/19	15:06	[signature]	2016/12/20	14:30

MAXXAM JOB #

B6B3648_COC

Maxxam
A Bureau Veritas Group Company

CHAIN OF CUSTODY RECORD

08434223

BBY FCD-00077/05
Page 8 of 8

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

COC

Invoice Information		Report Information (if differs from invoice)		Project Information (whe		Turnaround Time (TAT) Required	
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)	
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)	
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days	
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days	
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:	

Regulatory Criteria	Special Instructions	Rush Confirmation #:
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler	
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)	
☑ Drinking Water ☑ BC Water Quality		

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	LEAD				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	COMMENTS
1	NDSS#35 @ 30s		12/5/2016		Water													X				1		
2	DAC#1 @ 30s		12/5/2016		Water													X				1		
3	RBCH#1 @ 30s		12/5/2016		Water													X				1		
4	RBCH#2 @ 30s		12/5/2016		Water													X				1		
5	RBCH#3 @ 30s		12/5/2016		Water													X				1		
6	RBCH#4 @ 30s		12/5/2016		Water													X				1		
7	RBCH#5 @ 30s		12/5/2016		Water													X				1		
8					Water																			
9					Water																			
10					Water																			

Analysis Requested: VOC/VPH, TEH, LEPH/HEPH, F2 - F4, Preserved?, Preserved?, Field Preserved?, Field Preserved?, Sulphate, COD, Alkalinity, Ammonia, MTBE, BTEX/ F1, Filtered?, Filtered?, Fluoride, BOD, Conductivity, Nitrate, BTEX/VPH, EPH, PAH, CCME-PHC, Dissolved Metals, Dissolved Mercury, Total Metals, Total Mercury, Chloride, TSS, pH, Nitrite

LABORATORY USE ONLY		
CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
NA		4.4
NA		6.6.6
		9
COOLING MEDIA PRESENT Y / N		

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
	2016/12/14	11:20	Laurel Beaulieu	2016/12/20	14:30	

B6B3648_COC

Your Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68

Attention:Darren Thomas

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

Your C.O.C. #: 08434230, 08434229, 08434228, 08434227, 08434226, 08434225, 08434224, 08434223

Report Date: 2017/01/06
Report #: R2328062
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

MAXXAM JOB #: B6B3648
Received: 2016/12/20, 14:30

Sample Matrix: DRINKING WATER
Samples Received: 77

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by CRC ICPMS (total)	33	N/A	2016/12/23	BBY7SOP-00003,	BCLM2005,EPA6020bR2m
Elements by CRC ICPMS (total)	40	N/A	2016/12/24	BBY7SOP-00003,	BCLM2005,EPA6020bR2m
Elements by CRC ICPMS (total)	3	N/A	2017/01/05	BBY7SOP-00003,	BCLM2005,EPA6020bR2m
Elements by CRC ICPMS (total)	1	N/A	2017/01/06	BBY7SOP-00003,	BCLM2005,EPA6020bR2m

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.

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.VENW03011-01
Site Location: SCHOOL DISTRICT 68

Attention:Darren Thomas

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

Your C.O.C. #: 08434230, 08434229, 08434228, 08434227, 08434226, 08434225, 08434224, 08434223

Report Date: 2017/01/06
Report #: R2328062
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

MAXXAM JOB #: B6B3648
Received: 2016/12/20, 14:30

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

==========

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 Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B6B3648
Report Date: 2017/01/06

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QH5909	QH5910	QH5911	QH5912		QH5913	QH5914		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19		2016/12/19	2016/12/19		
COC Number			08434230	08434230	08434230	08434230		08434230	08434230		
	UNITS	MAC	LIS#1 @ 0S	LIS#2 @ 0S	LIS#3 @ 0S	LIS#4 @ 0S	QC Batch	LIS#5 @ 0S	LIS#6 @ 0S	RDL	QC Batch
Total Metals by ICPMS											
Total Lead (Pb)	ug/L	10	5.90	**24.1**	**70.4**	4.59	8511031	7.51	5.48	0.20	8511035

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QH5915	QH5916	QH5917	QH5918	QH5919	QH5920		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434230	08434230	08434230	08434230	08434229	08434229		
	UNITS	MAC	LIS#7 @ 0S	LIS#8 @ 5MIN	LIS#9 @ 0S	LIS#10 @ 0S	LIS#11 @ 0S	LIS#12 @ 0S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	**17.7**	3.78	8.23	**12.1**	7.59	**59.6**	0.20	8511035

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QH5921	QH5922	QH5923	QH5924	QH5925	QH5926		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434229	08434229	08434229	08434229	08434229	08434229		
	UNITS	MAC	LIS#13 @ 0S	LIS#14 @ 0S	LIS#15 @ 0S	LIS#16 @ 0S	LIS#17 @ 0S	LIS#18 @ 0S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	**43.0**	**60.3**	**330**	**78.8**	**65.5**	**48.5**	0.20	8511035

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B6B3648
Report Date: 2017/01/06

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QH5927	QH5928	QH5931	QH5932	QH5933	QH5934		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434229	08434229	08434228	08434228	08434228	08434228		
	UNITS	MAC	LIS#19 @ 0S	LIS#20 @ 0S	LPS#1 @ 0S	LPS#2 @ 0S	LPS#3 @ 0S	LPS#4 @ 0S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	**49.7**	**47.3**	9.59	6.75	5.02	**40.6**	0.20	8511035

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B6B3648
Report Date: 2017/01/06

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QH5935	QH5936	QH5937	QH5938	QH5939	QH5940		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434228	08434228	08434228	08434228	08434228	08434228		
	UNITS	MAC	LPS#4 @ 5MIN	LPS#5 @ 0S	LPS#6 @ 0S	LPS#7 @ 0S	LPS#8 @ 0S	LPS#9 @ 0S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	1.78	5.68	**16.4**	**24.3**	5.24	**39.8**	0.20	8511036

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QH5942	QH5943	QH5944	QH5945	QH5946	QH5947		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434227	08434227	08434227	08434227	08434227	08434227		
	UNITS	MAC	LPS#10 @ 0S	LPS#11 @ 0S	LPS#12 @ 0S	LPS#13 @ 0S	LPS#14 @ 0S	LPS#15 @ 0S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	8.06	**125**	2.91	**10.8**	**21.2**	**22.7**	0.20	8511036

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QH5948	QH5949	QH5950	QH5951	QH5953	QH5954		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434227	08434227	08434227	08434227	08434226	08434226		
	UNITS	MAC	LPS#16 @ 0S	LPS#17 @ 0S	LPS#18 @ 0S	CMD#1 @ 0S	CMD#1 @ 5MIN	CMD#2 @ 0S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	**29.6**	6.49	**17.1**	4.69	0.88	**27.2**	0.20	8511036

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B6B3648
Report Date: 2017/01/06

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QH5955	QH5956		QH5957		QH5958		
Sampling Date			2016/12/19	2016/12/19		2016/12/19		2016/12/19		
COC Number			08434226	08434226		08434226		08434226		
	UNITS	MAC	CMD#3 @ 0S	CMD#4 @ 0S	QC Batch	NOES#1 @ 0S	QC Batch	NOES#2 @ 0S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	**10.6**	**33.4**	8511036	**12.3**	8511137	**25.2**	0.20	8520802

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B6B3648
Report Date: 2017/01/06

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QH5959	QH5960	QH5961	QH5962	QH5980		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434226	08434226	08434226	08434226	08434225		
	UNITS	MAC	NOES#3 @ 0S	NOES#4 @ 0S	NOES#5 @ 0S	NOES#6 @ 0S	NOES#7 @ 0S	RDL	QC Batch
Total Metals by ICPMS									
Total Lead (Pb)	ug/L	10	**22.6**	**23.9**	**23.6**	3.22	**24.7**	0.20	8511137

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QH5981	QH5982		QH5983		QH5984		
Sampling Date			2016/12/19	2016/12/19		2016/12/19		2016/12/19		
COC Number			08434225	08434225		08434225		08434225		
	UNITS	MAC	NOES#8 @ 0S	NOES#9 @ 0S	QC Batch	NOES#10 @ 0S	QC Batch	NOES#11 @ 0S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	**24.8**	**29.4**	8520802	**13.5**	8511137	**37.6**	0.20	8520802

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QH5985	QH5986	QH5987	QH5988	QH5989		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434225	08434225	08434225	08434225	08434225		
	UNITS	MAC	NOES#12 @ 0S	NOES#13 @ 0S	NOES#14 @ 0S	NOES#15 @ 0S	NOES#16 @ 0S	RDL	QC Batch
Total Metals by ICPMS									
Total Lead (Pb)	ug/L	10	**71.0**	**30.7**	**14.9**	**27.2**	3.46	0.20	8511137

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B6B3648
Report Date: 2017/01/06

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QH5990	QH5991	QH5992	QH5993	QH5994		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434224	08434224	08434224	08434224	08434224		
	UNITS	MAC	NOES#17 @ 0S	NOES#18 @ 0S	NOES#19 @ 0S	NOES#20 @ 0S	NOES#20 @ 5MIN	RDL	QC Batch
Total Metals by ICPMS									
Total Lead (Pb)	ug/L	10	**33.3**	**30.5**	**47.9**	9.16	0.27	0.20	8511137

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B6B3648
Report Date: 2017/01/06

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QH5995	QH5996	QH5997		QH5998		
Sampling Date			2016/12/05	2016/12/05	2016/12/05		2016/12/05		
COC Number			08434224	08434224	08434224		08434224		
	UNITS	MAC	NDSS#11 @ 30S	NDSS#13 @ 30S	NDSS#29 @ 30S	QC Batch	NDSS#30 @ 30S	RDL	QC Batch
Total Metals by ICPMS									
Total Lead (Pb)	ug/L	10	8.71	4.78	3.60	8511137	7.66	0.20	8511138

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QH5999	QH6000	QH6001	QH6002	QH6003	QH6004		
Sampling Date			2016/12/05	2016/12/05	2016/12/05	2016/12/05	2016/12/05	2016/12/05		
COC Number			08434224	08434223	08434223	08434223	08434223	08434223		
	UNITS	MAC	NDSS#31 @ 30S	NDSS@35 @ 30S	DAC#1 @ 30S	RBCH#1 30S	RBCH#2 30S	RBCH#3 30S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	2.67	**29.4**	1.94	0.40	8.00	8.23	0.20	8511138

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QH6005	QH6006		
Sampling Date			2016/12/05	2016/12/05		
COC Number			08434223	08434223		
	UNITS	MAC	RBCH#4 30S	RBCH#5 30S	RDL	QC Batch
Total Metals by ICPMS						
Total Lead (Pb)	ug/L	10	0.55	1.09	0.20	8511138

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

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Maxxam Job #: B6B3648
Report Date: 2017/01/06

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

GENERAL COMMENTS

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

Package 1	4.3°C
Package 2	6.0°C

Version 2: Report reissued to include results for total lead on samples NOES#2 @ 0s, NOES#8 @ 0s, NOES#9 @ 0s and NOES#11 @ 0s as per Darren Thomas on 2017/01/03.
MAC: The guidelines that have been included in this report have been taken from the Canadian Drinking Water Quality Summary Table, October 2014.

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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Maxxam Job #: B6B3648
Report Date: 2017/01/06

QUALITY ASSURANCE REPORT

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
8511031	Total Lead (Pb)	2016/12/23	94	80 - 120	97	80 - 120	<0.20	ug/L	2.7	20
8511035	Total Lead (Pb)	2016/12/24	NC	80 - 120	98	80 - 120	<0.20	ug/L	1.0	20
8511036	Total Lead (Pb)	2016/12/24	96	80 - 120	97	80 - 120	<0.20	ug/L	3.1	20
8511137	Total Lead (Pb)	2016/12/23	NC	80 - 120	97	80 - 120	<0.20	ug/L	1.2	20
8511138	Total Lead (Pb)	2016/12/23	NC	80 - 120	96	80 - 120	<0.20	ug/L	0.49	20
8520802	Total Lead (Pb)	2017/01/05	NC	80 - 120	98	80 - 120	<0.20	ug/L	1.6	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.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spiked amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than 2x that of the native sample concentration).

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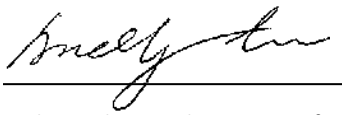
Maxxam Job #: B6B3648
Report Date: 2017/01/06

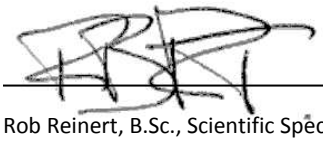
TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

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



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.

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CHAIN OF CUSTODY

08434230

COC

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (wher		Turnaround Time (TAT) Required	
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)	
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)	
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days	
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days	
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:	

Regulatory Criteria	Special Instructions	Rush Confirmation #:
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler	
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)	
☑ Drinking Water ☑ BC Water Quality		

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	LEAD	# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE
1	LIS#1 @ 0s		12/19/2016		Water													x	1	
2	LIS#2 @ 0s		12/19/2016		Water													x	1	
3	LIS#3 @ 0s		12/19/2016		Water													x	1	
4	LIS#4 @ 0s		12/19/2016		Water													x	1	
5	LIS#5 @ 0s		12/19/2016		Water													x	1	
6	LIS#6 @ 0s		12/19/2016		Water													x	1	
7	LIS#7 @ 0s		12/19/2016		Water													x	1	
8	LIS#8 @ 5min		12/19/2016		Water													x	1	
9	LIS#9 @ 0s		12/19/2016		Water													x	1	
10	LIS#10 @ 0s		12/19/2016		Water													x	1	

Analysis Requested: VOC/VPH, TEH, LEPH/HEPH, F2 - F4, Preserved?, Preserved?, Field Preserved?, Field Preserved?, Sulphate, COD, Alkalinity, Ammonia, MTBE, BTEX/ F1, Filtered?, Filtered?, Dissolved Metals, Dissolved Mercury, Total Metals, Total Mercury, Fluoride, BOD, Conductivity, Nitrate, BTEX/VPH, EPH, PAH, CCME-PHC, Chloride, TSS, pH, Nitrite, LEAD

LABORATORY USE ONLY		
CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
NA		4.5
NA		6.6
		1.9
COOLING MEDIA PRESENT	Y / N	

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
Darren Thomas	2016/12/19	11:00	Laurel Beattie	2016/12/20	14:30	

B6B3648_COC

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CHAIN OF CUSTODY

COC:

08434229

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:

Regulatory Criteria	Special Instructions
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)
☑ Drinking Water ☑ BC Water Quality	

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	LEAD	# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE
1	LIS#11 @ 0s		12/19/2016		Water													x	1	
2	LIS#12 @ 0s		12/19/2016		Water													x	1	
3	LIS#13 @ 0s		12/19/2016		Water													x	1	
4	LIS#14 @ 0s		12/19/2016		Water													x	1	
5	LIS#15 @ 0s		12/19/2016		Water													x	1	
6	LIS#16 @ 0s		12/19/2016		Water													x	1	
7	LIS#17 @ 0s		12/19/2016		Water													x	1	
8	LIS#18 @ 0s		12/19/2016		Water													x	1	
9	LIS#19 @ 0s		12/19/2016		Water													x	1	
10	LIS#20 @ 0s		12/19/2016		Water													x	1	

Analysis Requested: ☐ VOC/VPH ☐ TEH ☐ LEPH/HEPH ☐ F2 - F4 ☐ Preserved? ☐ Preserved? ☐ Field Preserved? ☐ Field Preserved? ☐ Sulphate ☐ COD ☐ Alkalinity ☐ Ammonia ☐ MTBE ☐ BTEX/ F1 ☐ Filtered? ☐ Filtered? ☐ Fluoride ☐ BOD ☐ Conductivity ☐ Nitrate

LABORATORY USE ONLY

CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
NA		4.4 5
NA		4.6 6

COOLING MEDIA PRESENT Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
	2016/12/19	11:00	Laurel McArthur	2016/12/20	14:30	

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CHAIN OF CUSTODY RECORD 08434228

COC

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Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:

Regulatory Criteria	Special Instructions	Analysis Requested	Rush Confirmation #:
☐ BC CSR Soil ☐ BC CSR Water ☐ CCME (Specify) ☐ Other (Specify) ☑ Drinking Water ☑ BC Water Quality	☐ Return Cooler ☐ Ship Sample Bottles (Please Specify)		LABORATORY USE ONLY CUSTODY SEAL Y / N (circled N) Present / Intact: NA, NA COOLER TEMPERATURES: 4 4 5, 6 6 6 COOLING MEDIA PRESENT Y / N (Y circled)

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

#	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH ☐ VOC/VPH ☐ MTBE	EPH ☐ TEH	PAH ☐ LEPH/HEPH	CCME-PHC ☐ BTEX/F1 ☐ F2-F4	Dissolved Metals ☐ Filtered? ☐ Preserved?	Dissolved Mercury ☐ Filtered? ☐ Preserved?	Total Metals ☐ Field Preserved?	Total Mercury ☐ Field Preserved?	Chloride ☐ Fluoride ☐ Sulphate	TSS ☐ TDS ☐ BOD ☐ COD	pH ☐ Conductivity ☐ Alkalinity	Nitrite ☐ Nitrate ☐ Ammonia	LEAD				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	COMMENTS
1	LPS#1 @ 0s		12/19/2016		Water													x				1		
2	LPS#2 @ 0s		12/19/2016		Water													x				1		
3	LPS#3 @ 0s		12/19/2016		Water													x				1		
4	LPS#4 @ 0s		12/19/2016		Water													x				1		
5	LPS#4 @ 5min		12/19/2016		Water													x				1		
6	LPS#5 @ 0s		12/19/2016		Water													x				1		
7	LPS#6 @ 0s		12/19/2016		Water													x				1		
8	LPS#7 @ 0s		12/19/2016		Water													x				1		
9	LPS#8 @ 0s		12/19/2016		Water													x				1		
10	LPS#9 @ 0s		12/19/2016		Water													x				1		

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
[signature]	2016/12/19	11:00	Laurel Bertheir	2016/12/20	14:30	

B6B3648_COC

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CHAIN OF CUSTODY

COC 08434227

BBY FCD-00077/05

Page 4 of 8

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7	PC:		Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:

Regulatory Criteria
☐ BC CSR Soil ☐ BC CSR Water
☐ CCME (Specify) ☐ Other (Specify)
☑ Drinking Water ☑ BC Water Quality

Special Instructions
☐ Return Cooler
☐ Ship Sample Bottles (Please Specify)

Analysis Requested: ☐ BTEX/VPH, ☐ VOC/VPH, ☐ MTBE, ☐ EPH, ☐ TEH, ☐ PAH, ☐ LEPH/HEPH, ☐ CCME-PHC, ☐ BTEX/F1, ☐ F2-F4, ☐ Dissolved Metals (☐ Filtered? ☐ Preserved?), ☐ Dissolved Mercury (☐ Filtered? ☐ Preserved?), ☐ Total Metals (☐ Field Preserved?), ☐ Total Mercury (☐ Field Preserved?), ☐ Chloride, ☐ Fluoride, ☐ Sulphate, ☐ TSS, ☐ TDS, ☐ BOD, ☐ COD, ☐ pH, ☐ Conductivity, ☐ Alkalinity, ☐ Nitrite, ☐ Nitrate, ☐ Ammonia, LEAD

Rush Confirmation #:

LABORATORY USE ONLY

CUSTODY SEAL Y / (N)		COOLER TEMPERATURES
Present	Intact	
NA		4 4 5
NA		6 6 6

COOLING MEDIA PRESENT (Y) / N

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

#	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	LEAD	# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	COMMENTS
1	LPS#10 @ 0s		12/19/2016		Water	x	1		
2	LPS#11 @ 0s		12/19/2016		Water	x	1		
3	LPS#12 @ 0s		12/19/2016		Water	x	1		
4	LPS#13 @ 0s		12/19/2016		Water	x	1		
5	LPS#14 @ 0s		12/19/2016		Water	x	1		
6	LPS#15 @ 0s		12/19/2016		Water	x	1		
7	LPS#16 @ 0s		12/19/2016		Water	x	1		
8	LPS#17 @ 0s		12/19/2016		Water	x	1		
9	LPS#18 @ 0s		12/19/2016		Water	x	1		
10	CMD#1 @ 0s		12/19/2016		Water	x	1		

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
[signature]	2016/12/19	11:00	Laurel Berthner	2016/12/20	14:30

MAXXAM JOB #

B6B3648_COC

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CHAIN OF CUSTODY RECORD

COC 08434226

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (whe		Time (TAT) Required	
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)	
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)	
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days	
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days	
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:	

Regulatory Criteria	Special Instructions
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)
☑ Drinking Water ☑ BC Water Quality	

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	LEAD				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	COMMENTS
1	CMD#1 @ 5min		12/19/2016		Water													x				1		
2	CMD#2 @ 0s		12/19/2016		Water													x				1		
3	CMD#3 @ 0s		12/19/2016		Water													x				1		
4	CMD#4 @ 0s		12/19/2016		Water													x				1		
5	NOES#1 @ 0s		12/19/2016		Water													x				1		
6	NOES#2 @ 0s		12/19/2016		Water																	1	x	
7	NOES#3 @ 0s		12/19/2016		Water													x				1		
8	NOES#4 @ 0s		12/19/2016		Water													x				1		
9	NOES#5 @ 0s		12/19/2016		Water													x				1		
10	NOES#6 @ 0s		12/19/2016		Water													x				1		

Analysis Requested: VOC/VPH, MTBE, BTEX/VPH, TEH, EPH, LEPH/HEPH, PAH, F2 - F4, BTEX/ F1, CCME-PHC, Preserved?, Filtered?, Dissolved Metals, Preserved?, Filtered?, Dissolved Mercury, Field Preserved?, Total Metals, Field Preserved?, Total Mercury, Sulphate, Fluoride, Chloride, COD, BOD, TDS, Alkalinity, Conductivity, pH, Ammonia, Nitrate, Nitrite

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
	2016/12/19	11:00	Laurel Bethune	2016/12/20	14:35

MAXXAM JOB #

LABORATORY USE ONLY

CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
NA		4.4°C
NA		6.6.6

COOLING MEDIA PRESENT Y / N

B6B3648_COC

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CHAIN OF CUSTOD

08434225

BBY FCD-00077/05

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

C

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:

Regulatory Criteria	Special Instructions	Rush Confirmation #:
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler	
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)	
☑ Drinking Water ☑ BC Water Quality		

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

Analysis Requested: ☐ VOC/VPH ☐ MTBE ☐ BTEX/VPH ☐ TEH ☐ EPH ☐ LEPH/HEPH ☐ PAH ☐ F2 - F4 ☐ BTEX/ F1 ☐ CCME-PHC ☐ Preserved? ☐ Filtered? ☐ Dissolved Metals ☐ Preserved? ☐ Filtered? ☐ Dissolved Mercury ☐ Field Preserved? ☐ Total Metals ☐ Field Preserved? ☐ Total Mercury ☐ Sulphate ☐ Fluoride ☐ Chloride ☐ COD ☐ BOD ☐ TDS ☐ TSS ☐ Alkalinity ☐ Conductivity ☐ pH ☐ Ammonia ☐ Nitrate ☐ Nitrite

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	LEAD	# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE
1	NOES#7 @ 0s		12/19/2016		Water	x	1	
2	NOES#8 @ 0s		12/19/2016		Water		1	x
3	NOES#9 @ 0s		12/19/2016		Water		1	x
4	NOES#10 @ 0s		12/19/2016		Water	x	1	
5	NOES#11 @ 0s		12/19/2016		Water		1	x
6	NOES#12 @ 0s		12/19/2016		Water	x	1	
7	NOES#13 @ 0s		12/19/2016		Water	x	1	
8	NOES#14 @ 0s		12/19/2016		Water	x	1	
9	NOES#15 @ 0s		12/19/2016		Water	x	1	
10	NOES#16 @ 0s		12/19/2016		Water	x	1	

LABORATORY USE ONLY

CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
NA		4.4.5

COOLING MEDIA PRESENT Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
	2016/12/19	11:00	Laurel Bellhouse	2016/12/20	14:30

B6B3648_COC

Maxxam
A Bureau Veritas Group Company

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

CHAIN OF CUSTODY CO 08434224

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7	PC:		Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:
						Rush Confirmation #:

Regulatory Criteria

☐ BC CSR Soil ☐ BC CSR Water
☐ CCME (Specify) ☐ Other (Specify)
☑ Drinking Water ☑ BC Water Quality

Special Instructions

☐ Return Cooler
☐ Ship Sample Bottles (Please Specify)

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

Analysis Requested: VOC/VPH, MTBE, BTEX/VPH, TEH, EPH, LEPH/HEPH, PAH, F2 - F4, BTEX/F1, CCME-PHC, Preserved?, Filtered?, Dissolved Metals, Preserved?, Filtered?, Dissolved Mercury, Field Preserved?, Total Metals, Field Preserved?, Total Mercury, Sulphate, Fluoride, Chloride, COD, BOD, TDS, TSS, Alkalinity, Conductivity, pH, Ammonia, Nitrate, Nitrite, LEAD

LABORATORY USE ONLY

CUSTODY SEAL Y / (N)		COOLER TEMPERATURES
Present	Intact	
NA		4 4 5
NA		6 6 6

COOLING MEDIA PRESENT (Y) / N

#	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	LEAD	# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	COMMENTS
1	NOES#17 @ 0s		12/19/2016		Water	x	1		
2	NOES#18 @ 0s		12/19/2016		Water	x	1		
3	NOES#19 @ 0s		12/19/2016		Water	x	1		
4	NOES#20 @ 0s		12/19/2016		Water	x	1		
5	NOES#20 @ 5min		12/19/2016		Water	x	1		
6	NDSS#11 @ 30s		12/5/2016		Water	x	1		
7	NDSS#13 @ 30s		12/5/2016		Water	x	1		
8	NDSS#29 @ 30s		12/5/2016		Water	x	1		
9	NDSS#30 @ 30s		12/5/2016		Water	x	1		
10	NDSS#31 @ 30s		12/5/2016		Water	x	1		

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
[signature]	2016/12/19	15:06	[signature]	2016/12/20	14:30	

B6B3648_COC

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CHAIN OF CUSTODY RECORD

08434223

BBY FCD-00077/05
Page 8 of 8

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

COC

Invoice Information		Report Information (if differs from invoice)		Project Information (whe		Turnaround Time (TAT) Required	
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)	
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)	
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days	
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days	
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:	

Regulatory Criteria	Special Instructions	Rush Confirmation #:
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler	
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)	
☑ Drinking Water ☑ BC Water Quality		

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	LEAD				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	COMMENTS
1	NDSS#35 @ 30s		12/5/2016		Water													X				1		
2	DAC#1 @ 30s		12/5/2016		Water													X				1		
3	RBCH#1 @ 30s		12/5/2016		Water													X				1		
4	RBCH#2 @ 30s		12/5/2016		Water													X				1		
5	RBCH#3 @ 30s		12/5/2016		Water													X				1		
6	RBCH#4 @ 30s		12/5/2016		Water													X				1		
7	RBCH#5 @ 30s		12/5/2016		Water													X				1		
8					Water																			
9					Water																			
10					Water																			

Analysis Requested: VOC/VPH, TEH, LEPH/HEPH, F2 - F4, Preserved?, Preserved?, Field Preserved?, Field Preserved?, Sulphate, COD, Alkalinity, Ammonia, MTBE, BTEX/ F1, Filtered?, Filtered?, Fluoride, BOD, Conductivity, Nitrate, BTEX/VPH, EPH, PAH, CCME-PHC, Dissolved Metals, Dissolved Mercury, Total Metals, Total Mercury, Chloride, TSS, pH, Nitrite

LABORATORY USE ONLY		
CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
NA		4.4
NA		6.6.6
		9
COOLING MEDIA PRESENT Y / N		

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
	2016/12/14	11:20	Laurel Beaulieu	2016/12/20	14:30	

B6B3648_COC

Your Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Your C.O.C. #: 08434300, 08434302, 08434301

Attention:Darren Thomas

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

Report Date: 2016/12/30
Report #: R2325004
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B6B4124
Received: 2016/12/22, 08:35

Sample Matrix: DRINKING WATER
Samples Received: 24

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by CRC ICPMS (total)	4	N/A	2016/12/28	BBY7SOP-00003,	BCLM2005,EPA6020bR2m
Elements by CRC ICPMS (total)	20	N/A	2016/12/30	BBY7SOP-00003,	BCLM2005,EPA6020bR2m

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.

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.

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

==========

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 Job #: B6B4124
Report Date: 2016/12/30

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QH9254	QH9255	QH9256	QH9258		QH9259	QH9260		
Sampling Date			2016/12/12	2016/12/12	2016/12/12	2016/12/12		2016/12/12	2016/12/12		
COC Number			08434300	08434300	08434300	08434300		08434300	08434300		
	UNITS	MAC	BV#2 @ 30S	BV#6 @ 30S	BV#12 @ 30S	CR#2 @ 30S	QC Batch	CR#4 @ 30S	CR#6 @ 30S	RDL	QC Batch
Total Metals by ICPMS											
Total Lead (Pb)	ug/L	10	1.22	0.48	2.57	5.65	8513869	3.08	1.25	0.20	8513955

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QH9261	QH9262	QH9263	QH9264	QH9265	QH9266		
Sampling Date			2016/12/12	2016/12/12	2016/12/12	2016/12/12	2016/12/12	2016/12/12		
COC Number			08434300	08434300	08434300	08434302	08434302	08434302		
	UNITS	MAC	CR#8 @ 30S	CR#9 @ 30S	CR#14 @ 30S	RC#6 @ 30S	RC#7 @ 30S	RC#8 @ 30S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	2.74	3.73	2.23	5.20	4.17	1.65	0.20	8513955

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QH9267	QH9268	QH9269	QH9270	QH9271	QH9272		
Sampling Date			2016/12/12	2016/12/12	2016/12/12	2016/12/12	2016/12/12	2016/12/12		
COC Number			08434302	08434302	08434302	08434302	08434302	08434302		
	UNITS	MAC	RC#9 @ 30S	RC#11 @ 30S	RC#13 @ 30S	RC#14 @ 30S	RC#15 @ 30S	PV#2 @ 30S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	6.84	4.56	3.16	4.06	1.17	4.49	0.20	8513955

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B6B4124
Report Date: 2016/12/30

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QH9273	QH9274	QH9275	QH9276	QH9277	QH9278		
Sampling Date			2016/12/12	2016/12/12	2016/12/12	2016/12/12	2016/12/12	2016/12/12		
COC Number			08434302	08434301	08434301	08434301	08434301	08434301		
	UNITS	MAC	PV#4 @ 30S	PV#6 @ 30S	PV#7 @ 30S	PV#8 @ 30S	PV#9 @ 30S	PV#11 @ 30S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	7.32	8.74	**10.4**	5.63	6.02	7.73	0.20	8513955

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B6B4124
Report Date: 2016/12/30

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

GENERAL COMMENTS

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

Package 1	1.0°C

BV#13 @ 30S listed on the CoC but not received. Performed analysis as per client's instructions.
Sample not analyzed.
MAC: The guidelines that have been included in this report have been taken from the Canadian Drinking Water Quality Summary Table, October 2014.

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 Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B6B4124
Report Date: 2016/12/30

QUALITY ASSURANCE REPORT

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	**Parameter**	**Date**	**% Recovery**	**QC Limits**	**% Recovery**	**QC Limits**	**Value**	**UNITS**	**Value (%)**	**QC Limits**
8513869	Total Lead (Pb)	2016/12/28	104	80 - 120	108	80 - 120	<0.20	ug/L	NC	20
8513955	Total Lead (Pb)	2016/12/30	96	80 - 120	102	80 - 120	<0.20	ug/L	0.26	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.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).

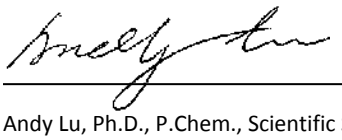
Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B6B4124
Report Date: 2016/12/30

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
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 Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

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Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

CHAIN OF CUSTODY

08434300

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (w[illegible]pplicable)		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:
						Rush Confirmation #:

Regulatory Criteria	Special Instructions
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)
☑ Drinking Water ☑ BC Water Quality	

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

Analysis Requested

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	TOTAL LEAD				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE
1	BV#2 @ 30s		12/12/2016		Water													x				1	
2	BV#6 @ 30s		12/12/2016		Water													x				1	
3	BV#12 @ 30s		12/12/2016		Water													x				1	
4	BV#13 @ 30s		12/12/2016		Water													x				1	
5	CR#2 @ 30s		12/12/2016		Water													x				1	
6	CR#4 @ 30s		12/12/2016		Water													x				1	
7	CR#6 @ 30s		12/12/2016		Water													x				1	
8	CR#8 @ 30s		12/12/2016		Water													x				1	
9	CR#9 @ 30s		12/12/2016		Water													x				1	
10	CR#14 @ 30s		12/12/2016		Water													x				1	

LABORATORY USE ONLY		
CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
NA		11
		11
COOLING MEDIA PRESENT Y / N		
COMMENTS		

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
[signature] Darren Thomas	2016/12/21	15:00	[signature] Laurie Breen	2016/12/22	08:35

B6B4124_COC

Maxxam
A Bureau Veritas Group Company

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

CHAIN OF CUSTODY RECORD

08434302

COC

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:

Regulatory Criteria

☐ BC CSR Soil ☐ BC CSR Water

☐ CCME (Specify) ☐ Other (Specify)

☑ Drinking Water ☑ BC Water Quality

Special Instructions

☐ Return Cooler

☐ Ship Sample Bottles (Please Specify)

Rush Confirmation #:

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	Total Lead				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE
1	RC#6 @ 30s		12/12/2016		Water													X				1	
2	RC#7 @ 30s		12/12/2016		Water													X				1	
3	RC#8 @ 30s		12/12/2016		Water													X				1	
4	RC#9 @ 30s		12/12/2016		Water													X				1	
5	RC#11 @ 30s		12/12/2016		Water													X				1	
6	RC#13 @ 30s		12/12/2016		Water													X				1	
7	RC#14 @ 30s		12/12/2016		Water													X				1	
8	RC#15 @ 30s		12/12/2016		Water													X				1	
9	PV#2 @ 30s		12/12/2016		Water													X				1	
10	PV#4 @ 30s		12/12/2016		Water													X				1	

VOC/VPH, TEH, LEPH/HEPH, F2 - F4, Preserved?, Preserved?, Sulphate, COD, Alkalinity, Ammonia, MTBE, BTEX/ F1, Filtered?, Filtered?, Field Preserved?, Field Preserved?, Fluoride, BOD, Conductivity, Nitrate

LABORATORY USE ONLY

CUSTODY SEAL Y / (N)

Present	Intact	COOLER TEMPERATURES
NA		11.1
		11

COOLING MEDIA PRESENT (Y) / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
	2016/12/21	15:00	Laurel Heather	2016/12/22	08:35

B6B4124_COC

Maxxam
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Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

CHAIN OF CUSTODY RECORD

08434301

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:

Regulatory Criteria	Special Instructions
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)
☑ Drinking Water ☑ BC Water Quality	

Rush Confirmation #:

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	Total Lead				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE
1	PV#6 @ 30s		12/12/2016		Water													X				1	
2	PV#7 @ 30s		12/12/2016		Water													X				1	
3	PV#8 @ 30s		12/12/2016		Water													X				1	
4	PV#9 @ 30s		12/12/2016		Water													X				1	
5	PV#11 @ 30s		12/12/2016		Water													X				1	
6																							
7																							
8																							
9																							
10																							

Analysis Requested: VOC/VPH, TEH, LEPH/HEPH, F2 - F4, Preserved?, Preserved?, Sulphate, COD, Alkalinity, Ammonia, MTBE, BTEX/ F1, Filtered?, Filtered?, Field Preserved?, Field Preserved?, Fluoride, BOD, Conductivity, Nitrate

LABORATORY USE ONLY

CUSTODY SEAL Y / N — Present / Intact

COOLER TEMPERATURES: MA | 11 | 11

COOLING MEDIA PRESENT Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
	2016/12/21	15:00	Laurel Bettner	2016/12/22	08:35

B6B4124_COC

Your Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68

Attention:Darren Thomas

EBA ENGINEERING CONSULTANTS LTD.
#1 - 4376 Boban Drive
Nanaimo, BC
CANADA V9T 6A7

Your C.O.C. #: 08434589, 08434590, 08434591, 08434592, 08434593

Report Date: 2017/01/09
Report #: R2329050
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B700573
Received: 2017/01/04, 08:50

Sample Matrix: DRINKING WATER
Samples Received: 43

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by CRC ICPMS (total)	43	N/A	2017/01/06	BBY7SOP-00003,	BCLM2005,EPA6020bR2m

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.

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.

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

==========

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 Job #: B700573
Report Date: 2017/01/09

EBA ENGINEERING CONSULTANTS LTD.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QI8591	QI8592	QI8593	QI8594	QI8595	QI8596		
Sampling Date			2016/12/12	2016/12/13	2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434589	08434589	08434589	08434589	08434589	08434589		
	UNITS	MAC	BV#13 @ 30S	RC#23 @ 30S	LIS #2 @ 30S	LIS #3 @ 30S	LIS #7 @ 30S	LIS #10 @ 30S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	1.85	1.68	**50.2**	**25.6**	4.55	3.77	0.20	8520836

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QI8597	QI8598	QI8599	QI8600	QI8622	QI8623		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434589	08434589	08434589	08434589	08434590	08434590		
	UNITS	MAC	LIS #12 @ 30S	LIS #13 @ 30S	LIS #14 @ 30S	LIS #15 @ 30S	LIS #16 @ 30S	LIS #17 @ 30S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	5.69	**12.8**	7.42	**17.6**	**63.2**	**11.5**	0.20	8520836

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QI8624	QI8625	QI8626	QI8627	QI8628	QI8629		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434590	08434590	08434590	08434590	08434590	08434590		
	UNITS	MAC	LIS #18 @ 30S	LIS #19 @ 30S	LIS #20 @ 30S	LPS#1 @ 30S	LPS#4 @ 30S	LPS#6 @ 30S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	**11.7**	7.75	9.47	0.64	8.81	1.98	0.20	8520838

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B700573
Report Date: 2017/01/09

EBA ENGINEERING CONSULTANTS LTD.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QI8630	QI8631	QI8632	QI8633	QI8634	QI8635		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434590	08434590	08434591	08434591	08434591	08434591		
	UNITS	MAC	LPS#7 @ 30S	LPS#9 @ 30S	LPS#11 @ 30S	LPS#13 @ 30S	LPS#14 @ 30S	LPS#15 @ 30S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	3.14	4.34	**12.4**	1.13	6.03	**11.1**	0.20	8520838

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

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Maxxam Job #: B700573
Report Date: 2017/01/09

EBA ENGINEERING CONSULTANTS LTD.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QI8636	QI8637	QI8638	QI8639	QI8640		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434591	08434591	08434591	08434591	08434591		
	UNITS	MAC	LPS#16 @ 30S	LPS#18 @ 30S	CMD#2 @ 30S	CMD#3 @ 30S	CMD#4 @ 30S	RDL	QC Batch
Total Metals by ICPMS									
Total Lead (Pb)	ug/L	10	6.11	0.67	3.08	2.44	4.41	0.20	8520838

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QI8641	QI8644	QI8645		QI8646	QI8647		
Sampling Date			2016/12/19	2016/12/19	2016/12/19		2016/12/19	2016/12/19		
COC Number			08434591	08434592	08434592		08434592	08434592		
	UNITS	MAC	NOES#1 @ 30S	NOES#3 @ 30S	NOES#4 @ 30S	QC Batch	NOES#5 @ 30S	NOES#7 @ 30S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	2.80	3.16	2.21	8520838	1.69	2.70	0.20	8520839

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QI8648	QI8649	QI8650	QI8651	QI8652		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434592	08434592	08434592	08434592	08434592		
	UNITS	MAC	NOES#10 @ 30S	NOES#12 @ 30S	NOES#13 @ 30S	NOES#14 @ 30S	NOES#15 @ 30S	RDL	QC Batch
Total Metals by ICPMS									
Total Lead (Pb)	ug/L	10	1.02	4.63	1.89	1.21	2.26	0.20	8520839

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B700573
Report Date: 2017/01/09

EBA ENGINEERING CONSULTANTS LTD.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QI8653	QI8654	QI8655	QI8656		
Sampling Date			2016/12/19	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434592	08434593	08434593	08434593		
	UNITS	MAC	NOES#17 @ 30S	NOES#18 @ 30S	NOES#19 @ 30S	NOES#20 @ 30S	RDL	QC Batch
Total Metals by ICPMS								
Total Lead (Pb)	ug/L	10	3.84	2.47	3.81	0.33	0.20	8520839

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B700573
Report Date: 2017/01/09

EBA ENGINEERING CONSULTANTS LTD.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

GENERAL COMMENTS

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

Package 1	7.7°C

MAC: The guidelines that have been included in this report have been taken from the Canadian Drinking Water Quality Summary Table, October 2014.

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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Maxxam Job #: B700573
Report Date: 2017/01/09

QUALITY ASSURANCE REPORT

EBA ENGINEERING CONSULTANTS LTD.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
8520836	Total Lead (Pb)	2017/01/06	NC	80 - 120	98	80 - 120	<0.20	ug/L	1.8	20
8520838	Total Lead (Pb)	2017/01/06	NC	80 - 120	97	80 - 120	<0.20	ug/L	2.0	20
8520839	Total Lead (Pb)	2017/01/06	98	80 - 120	98	80 - 120	<0.20	ug/L	5.8	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.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spiked amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than 2x that of the native sample concentration).

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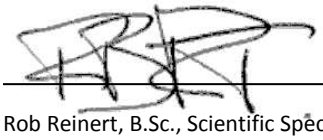
Maxxam Job #: B700573
Report Date: 2017/01/09

EBA ENGINEERING CONSULTANTS LTD.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
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).



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.

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam
A Bureau Veritas Group Company

CHAIN OF CUSTODY RECORD

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

COC #: 08434589

BBY FCD-00077/05

Invoice Information

Company Name: Tetra Tech EBA
Contact Name: Darren Thomas / Mike Gallo
Address: #1 - 4376 Boban Drive, Nanaimo
BC PC: V9T 6A7
Phone: 250-756-2256 / 250-713-9178
Email: darren.thomas@tetratech.com

Report Information (if differs from invoice)

Company Name:
Contact Name:
Address:
PC:
Phone:
Email: mike.gallo@tetratech.com

Project Information (where a

Quotation #:
P.O. #/ AFE#:
Project #: ENW.VENW03011-01
Site Location: School District 68
Site #:
Sampled By: Darren Thomas

e (TAT) Required

☑ Regular TAT 5 days (Most analyses)

PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS

Rush TAT (Surcharges will be applied)

☐ Same Day ☐ 2 Days
☐ 1 Day ☐ 3 Days

Date Required:

Rush Confirmation #:

Regulatory Criteria

☐ BC CSR Soil ☐ BC CSR Water
☐ CCME (Specify) ☐ Other (Specify)
☑ Drinking Water ☑ BC Water Quality

Special Instructions

☐ Return Cooler
☐ Ship Sample Bottles (Please Specify)

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

Analysis Requested

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	Total Lead	# OF CONTAINERS SUBMITTED
1	BV#13 @ 30s		2016/12/12		Water													x	1
2	RC#23 @ 30s		2016/12/13		Water													x	1
3	LIS#2 @ 30s		2016/12/19		Water													x	1
4	LIS#3 @ 30s		2016/12/19		Water													x	1
5	LIS#7 @ 30s		2016/12/19		Water													x	1
6	LIS#10 @ 30s		2016/12/19		Water													x	1
7	LIS#12 @ 30s		2016/12/19		Water													x	1
8	LIS#13 @ 30s		2016/12/19		Water													x	1
9	LIS#14 @ 30s		2016/12/19		Water													x	1
10	LIS#15 @ 30s		2016/12/19		Water													x	1

HOLD - DO NOT ANALYZE

LABORATORY USE ONLY

CUSTODY SEAL Y / (N) — Present / Intact

COOLER TEMPERATURES: 8, 7, 8

COOLING MEDIA PRESENT (Y) / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
Darren Thomas	2017/01/03	13:00	JWATHUNE NOY	2017/01/04	08:50

B700573_COC

Maxxam
A Bureau Veritas Group Company

CHAIN OF CUSTODY RECORD

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

COC #: 08434590

BBY FCD-00077/05

Page 2 of 5

(TAT) Required

Invoice Information		Report Information (if differs from invoice)		Project Information (where app	
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:	
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:	
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01
	BC PC: V9T 6A7		PC:	Site Location:	School District 68
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:	
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas

☑ Regular TAT 5 days (Most analyses)

PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS

Rush TAT (Surcharges will be applied)

☐ Same Day ☐ 2 Days

☐ 1 Day ☐ 3 Days

Date Required:

Rush Confirmation #:

Regulatory Criteria

☐ BC CSR Soil ☐ BC CSR Water

☐ CCME (Specify) ☐ Other (Specify)

☑ Drinking Water ☑ BC Water Quality

Special Instructions

☐ Return Cooler

☐ Ship Sample Bottles (Please Specify)

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

Analysis Requested

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	Total Lead				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE
1	LIS#16 @ 30s		2016/12/19		Water													x				1	
2	LIS#17 @ 30s		2016/12/19		Water													x				1	
3	LIS#18 @ 30s		2016/12/19		Water													x				1	
4	LIS#19 @ 30s		2016/12/19		Water													x				1	
5	LIS#20 @ 30s		2016/12/19		Water													x				1	
6	LPS#1 @ 30s		2016/12/19		Water													x				1	
7	LPS#4 @ 30s		2016/12/19		Water													x				1	
8	LPS#6 @ 30s		2016/12/19		Water													x				1	
9	LPS#7 @ 30s		2016/12/19		Water													x				1	
10	LPS#9 @ 30s		2016/12/19		Water													x				1	

VOC/VPH, TEH, LEPH/HEPH, F2 - F4, Preserved?, Preserved?, Field Preserved?, Field Preserved?, Sulphate, COD, Alkalinity, Ammonia, MTBE, BTEX/ F1, Filtered?, Filtered?, Field Preserved?, Field Preserved?, Fluoride, BOD, Conductivity, Nitrate

LABORATORY USE ONLY

CUSTODY SEAL Y / N

Present	Intact	COOLER TEMPERATURES
		8, 7, 8

COOLING MEDIA PRESENT Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
	2017/01/03	13:00	JWAHNNE MOY	2017/01/04	08:50

B700573_COC

Maxxam
A Bureau Veritas Group Company

CHAIN OF CUSTODY RECORD

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

COC #: 08434591

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (where ap		e (TAT) Required	
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)	
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)	
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days	
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days	
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:	

Regulatory Criteria	Special Instructions
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)
☑ Drinking Water ☑ BC Water Quality	

Rush Confirmation #:

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	Total Lead				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE
1	LPS#11 @ 30s		2016/12/19		Water													x				1	
2	LPS#13 @ 30s		2016/12/19		Water													x				1	
3	LPS#14 @ 30s		2016/12/19		Water													x				1	
4	LPS#15 @ 30s		2016/12/19		Water													x				1	
5	LPS#16 @ 30s		2016/12/19		Water													x				1	
6	LPS#18 @ 30s		2016/12/19		Water													x				1	
7	CMD#2 @ 30s		2016/12/19		Water													x				1	
8	CMD#3 @ 30s		2016/12/19		Water													x				1	
9	CMD#4 @ 30s		2016/12/19		Water													x				1	
10	NOES#1 @ 30s		2016/12/19		Water													x				1	

VOC/VPH, TEH, LEPH/HEPH, F2 - F4, Preserved?, Preserved?, Field Preserved?, Field Preserved?, Sulphate, COD, Alkalinity, Ammonia
MTBE, BTEX/ F1, Filtered?, Filtered?, Field Preserved?, Field Preserved?, Fluoride, BOD, Conductivity, Nitrate

LABORATORY USE ONLY

CUSTODY SEAL Y / (N)

Present	Intact	COOLER TEMPERATURES
		8.7 | 8

COOLING MEDIA PRESENT (Y) / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
	2017/01/03	13:20	JWATHNE ROY	2017/01/04	08:50

B700573_COC

Maxxam
A Bureau Veritas Group Company

CHAIN OF CUSTODY RECORD

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

COC #: 08434592

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (where ap	
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:	
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:	
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01
	BC PC: V9T 6A7		PC:	Site Location:	School District 68
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:	
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas

Turnaround Time (TAT) Required

- ☑ Regular TAT 5 days (Most analyses)

PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS

Rush TAT (Surcharges will be applied)

- ☐ Same Day ☐ 2 Days
- ☐ 1 Day ☐ 3 Days

Date Required:

Rush Confirmation #:

Regulatory Criteria

- ☐ BC CSR Soil ☐ BC CSR Water
- ☐ CCME (Specify) ☐ Other (Specify)
- ☑ Drinking Water ☑ BC Water Quality

Special Instructions

- ☐ Return Cooler
- ☐ Ship Sample Bottles (Please Specify)

Analysis Requested

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	Total Lead				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE
1	NOES#3 @ 30s		2016/12/19		Water													x				1	
2	NOES#4 @ 30s		2016/12/19		Water													x				1	
3	NOES#5 @ 30s		2016/12/19		Water													x				1	
4	NOES#7 @ 30s		2016/12/19		Water													x				1	
5	NOES#10 @ 30s		2016/12/19		Water													x				1	
6	NOES#12 @ 30s		2016/12/19		Water													x				1	
7	NOES#13 @ 30s		2016/12/19		Water													x				1	
8	NOES#14 @ 30s		2016/12/19		Water													x				1	
9	NOES#15 @ 30s		2016/12/19		Water													x				1	
10	NOES#17 @ 30s		2016/12/19		Water													x				1	

LABORATORY USE ONLY

CUSTODY SEAL Y (N) Present	Intact	COOLER TEMPERATURES
		8, 7, 8

COOLING MEDIA PRESENT Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
	2017/01/03	13:00	JONATHAN ROY	2017/01/04	08:50	

B700573_COC

Maxxam
A Bureau Veritas Group Company

CHAIN OF CUSTODY RECORD

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

COC #: 08434593

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (where a	
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:	
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:	
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01
	BC PC: V9T 6A7		PC:	Site Location:	School District 68
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:	
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas

ıe (TAT) Required

☑ Regular TAT 5 days (Most analyses)

PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS

Rush TAT (Surcharges will be applied)

☐ Same Day ☐ 2 Days

☐ 1 Day ☐ 3 Days

Date Required:

Rush Confirmation #:

Regulatory Criteria

☐ BC CSR Soil ☐ BC CSR Water

☐ CCME (Specify) ☐ Other (Specify)

☑ Drinking Water ☑ BC Water Quality

Special Instructions

☐ Return Cooler

☐ Ship Sample Bottles (Please Specify)

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

Analysis Requested

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	Total Lead				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE
1	NOES#18 @ 30s		2016/12/19		Water													X				1	
2	NOES#19 @ 30s		2016/12/19		Water													X				1	
3	NOES#20 @ 30s		2016/12/19		Water													X				1	
4																							
5																							
6																							
7																							
8																							
9																							
10																							

Column	MTBE	VOC/VPH	TEH	LEPH/HEPH	BTEX/ F1	F2 - F4	Filtered?	Preserved?	Filtered?	Field Preserved?	Field Preserved?	Preserved?	Fluoride	Sulphate	TDS	COD	Conductivity	Alkalinity	Nitrate	Ammonia
	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

LABORATORY USE ONLY

CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
		8 | 1 | 8

COOLING MEDIA PRESENT Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
	2017/01/03	17:00	JWAHNNE NOY	2017/01/04	08:50

B700573_COC

Your Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68

Attention:Darren Thomas

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

Your C.O.C. #: 08434691, 08434692, 08434693, 08434694, 08434695

Report Date: 2017/01/13
Report #: R2331819
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B701706
Received: 2017/01/10, 12:20

Sample Matrix: DRINKING WATER
Samples Received: 41

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by CRC ICPMS (total)	39	N/A	2017/01/11	BBY7SOP-00003,	BCLM2005,EPA6020bR2m
Elements by CRC ICPMS (total)	2	N/A	2017/01/12	BBY7SOP-00003,	BCLM2005,EPA6020bR2m

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.

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.VENW03011-01
Site Location: SCHOOL DISTRICT 68

Attention:Darren Thomas

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

Your C.O.C. #: 08434691, 08434692, 08434693, 08434694, 08434695

Report Date: 2017/01/13
Report #: R2331819
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B701706
Received: 2017/01/10, 12:20

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

==========

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 Job #: B701706
Report Date: 2017/01/13

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QJ3253	QJ3254	QJ3255	QJ3256	QJ3257	QJ3258		
Sampling Date			2017/01/02	2017/01/02	2017/01/02	2017/01/02	2017/01/02	2017/01/02		
COC Number			08434691	08434691	08434691	08434691	08434691	08434691		
	UNITS	MAC	JB#6 @ 30S	JB#7 @ 30S	JB#8 @ 30S	JB#9 @ 30S	JB#11 @ 30S	JB#12 @ 30S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	7.50	**26.5**	**34.7**	**13.8**	**74.0**	2.76	0.20	8524795

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QJ3259	QJ3260	QJ3261	QJ3262	QJ3272	QJ3273		
Sampling Date			2017/01/02	2017/01/02	2017/01/02	2017/01/02	2017/01/02	2017/01/02		
COC Number			08434691	08434691	08434691	08434691	08434692	08434692		
	UNITS	MAC	JB#13 @ 30S	JB#14 @ 30S	JB#15 @ 30S	JB#16 @ 30S	JB#20 @ 30S	JB#26 @ 30S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	**16.0**	**37.4**	5.43	**11.4**	5.14	3.62	0.20	8524795

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QJ3274	QJ3275	QJ3276	QJ3277	QJ3278	QJ3279		
Sampling Date			2017/01/02	2017/01/02	2017/01/02	2017/01/02	2017/01/02	2017/01/02		
COC Number			08434692	08434692	08434692	08434692	08434692	08434692		
	UNITS	MAC	JB#27 @ 30S	JB#32 @ 30S	JB#35 @ 30S	FCS#2 @ 30S	FCS#3 @ 30S	FCS#4 @ 30S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	3.73	0.66	2.03	1.34	**19.1**	1.80	0.20	8524795

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B701706
Report Date: 2017/01/13

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QJ3280	QJ3281		QJ3295	QJ3296	QJ3297		
Sampling Date			2017/01/02	2017/01/02		2017/01/02	2017/01/02	2017/01/02		
COC Number			08434692	08434692		08434693	08434693	08434693		
	UNITS	MAC	FCS#5 @ 30S	FCS#6 @ 30S	QC Batch	FCS#7 @ 30S	FCS#8 @ 30S	FCS#9 @ 30S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	2.95	1.92	8524795	2.57	1.09	2.23	0.20	8524797

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B701706
Report Date: 2017/01/13

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QJ3298	QJ3299	QJ3300	QJ3301	QJ3302		
Sampling Date			2017/01/02	2017/01/02	2017/01/02	2017/01/02	2017/01/02		
COC Number			08434693	08434693	08434693	08434693	08434693		
	UNITS	MAC	FCS#13 @ 30S	FCS#14 @ 30S	FCS#16 @ 30S	FCS#17 @ 30S	FCS#18 @ 30S	RDL	QC Batch
Total Metals by ICPMS									
Total Lead (Pb)	ug/L	10	2.57	6.56	4.77	1.43	5.77	0.20	8524797

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QJ3303	QJ3304	QJ3305	QJ3306	QJ3307		
Sampling Date			2017/01/02	2017/01/02	2017/01/02	2017/01/02	2017/01/02		
COC Number			08434693	08434694	08434694	08434694	08434694		
	UNITS	MAC	FCS#22 @ 30S	FCS#23 @ 30S	FCS#24 @ 30S	FCS#25 @ 30S	FCS#26 @ 30S	RDL	QC Batch
Total Metals by ICPMS									
Total Lead (Pb)	ug/L	10	5.96	4.46	3.17	2.62	2.87	0.20	8524797

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QJ3308	QJ3309	QJ3310	QJ3311	QJ3312		
Sampling Date			2017/01/02	2017/01/02	2016/12/19	2016/12/19	2016/12/19		
COC Number			08434694	08434694	08434694	08434694	08434694		
	UNITS	MAC	FCS#27 @ 30S	FCS#28 @ 30S	NOES#2 @ 30S	NOES#8 @ 30S	NOES#9 @ 30S	RDL	QC Batch
Total Metals by ICPMS									
Total Lead (Pb)	ug/L	10	1.73	8.15	1.56	3.18	2.46	0.20	8524797

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B701706
Report Date: 2017/01/13

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QJ3313		QJ3325	QJ3326		
Sampling Date			2016/12/19		2017/01/09	2017/01/09		
COC Number			08434694		08434695	08434695		
	UNITS	MAC	NOES#11 @ 30S	QC Batch	NDSS#35 @ 5MIN	PV#7 @ 5MIN	RDL	QC Batch
Total Metals by ICPMS								
Total Lead (Pb)	ug/L	10	2.23	8524797	**12.7**	3.25	0.20	8525246

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B701706
Report Date: 2017/01/13

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

GENERAL COMMENTS

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

Package 1	9.7°C

FCS#6 @ 30S listed on the CoC (08434693) but not received. Performed analysis as per client's instructions.
Pertains to separate instances of FCS#6 @ 30S collected 2017/01/02 listed, but only one bottle correspondly received.
MAC: The guidelines that have been included in this report have been taken from the Canadian Drinking Water Quality Summary Table, October 2014.

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 Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B701706
Report Date: 2017/01/13

QUALITY ASSURANCE REPORT

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
8524795	Total Lead (Pb)	2017/01/11	NC	80 - 120	99	80 - 120	<0.20	ug/L	0.40	20
8524797	Total Lead (Pb)	2017/01/11	99	80 - 120	99	80 - 120	<0.20	ug/L	1.6	20
8525246	Total Lead (Pb)	2017/01/12	NC	80 - 120	99	80 - 120	<0.20	ug/L	0.96	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.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spiked amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than 2x that of the native sample concentration).

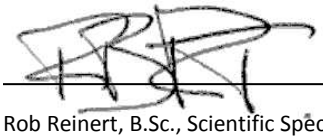
Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B701706
Report Date: 2017/01/13

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
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).



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.

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

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CHAIN OF CUSTODY RECORD

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

COC # 08434691

BBY FCD-00077/05

Page 1 of 5

Invoice Information		Report Information (if differs from invoice)		Project Information (where		me (TAT) Required	
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)	
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)	
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days	
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days	
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:	

Regulatory Criteria	Special Instructions
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)
☑ Drinking Water ☑ BC Water Quality	

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	Total Lead	# OF CONTAINERS SUBMITTED
1	JB#6 @ 30s		2017/01/02		Water													x	1
2	JB#7 @ 30s		2017/01/02		Water													x	1
3	JB#8 @ 30s		2017/01/02		Water													x	1
4	JB#9 @ 30s		2017/01/02		Water													x	1
5	JB#11 @ 30s		2017/01/02		Water													x	1
6	JB#12 @ 30s		2017/01/02		Water													x	1
7	JB#13 @ 30s		2017/01/02		Water													x	1
8	JB#14 @ 30s		2017/01/02		Water													x	1
9	JB#15 @ 30s		2017/01/02		Water													x	1
10	JB#16 @ 30s		2017/01/02		Water													x	1

Analysis Requested: VOC/VPH, TEH, LEPH/HEPH, F2 - F4, Preserved?, Preserved?, Field Preserved?, Field Preserved?, Sulphate, COD, Alkalinity, Ammonia, MTBE, BTEX/ F1, Filtered?, Filtered?, Fluoride, BOD, Conductivity, Nitrate

HOLD - DO NOT ANALYZE

LABORATORY USE ONLY

CUSTODY SEAL Y / N (N)

Present	Intact	COOLER TEMPERATURES
		9, 10, 10

COOLING MEDIA PRESENT Y (N) / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
Darren Thomas	2017/01/09	13:40	JAYANNE ROY	2017/01/10	12:20	

B701706_COC

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CHAIN OF CUSTODY RECORD

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COC # 08434692

BBY FCD-00077/05

Page 2 of 5

Invoice Information		Report Information (if differs from invoice)		Project Information (where	
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:	
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:	
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01
	BC PC: V9T 6A7		PC:	Site Location:	School District 68
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:	
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas

ime (TAT) Required

☑ Regular TAT 5 days (Most analyses)

PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS

Rush TAT (Surcharges will be applied)

☐ Same Day ☐ 2 Days

☐ 1 Day ☐ 3 Days

Date Required:

Rush Confirmation #:

Regulatory Criteria

☐ BC CSR Soil ☐ BC CSR Water

☐ CCME (Specify) ☐ Other (Specify)

☑ Drinking Water ☑ BC Water Quality

Special Instructions

☐ Return Cooler

☐ Ship Sample Bottles (Please Specify)

Analysis Requested

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	Total Lead	# OF CONTAINERS SUBMITTED
1	JB#20 @ 30s		2017/01/02		Water													x	1
2	JB#26 @ 30s		2017/01/02		Water													x	1
3	JB#27 @ 30s		2017/01/02		Water													x	1
4	JB#32 @ 30s		2017/01/02		Water													x	1
5	JB#35 @ 30s		2017/01/02		Water													x	1
6	FCS#2 @ 30s		2017/01/02		Water													x	1
7	FCS#3 @ 30s		2017/01/02		Water													x	1
8	FCS#4 @ 30s		2017/01/02		Water													x	1
9	FCS#5 @ 30s		2017/01/02		Water													x	1
10	FCS#6 @ 30s		2017/01/02		Water													x	1

HOLD - DO NOT ANALYZE

LABORATORY USE ONLY

CUSTODY SEAL Y / N (Present / Intact)

COOLER TEMPERATURES: 9, 10, 10

COOLING MEDIA PRESENT Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
[signature] Darren Thomas	2017/01/09	13:00	JWAHNNE ROY	JR 2017/01/10	12:20
				2017/01/10	

MAXXAM JOB #

B701706_COC

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CHAIN OF CUSTODY RECORD

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

COC # 08434693

BBY FCD-00077/05

Page 3 of 5

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:

Regulatory Criteria	Special Instructions
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)
☑ Drinking Water ☑ BC Water Quality	

Rush Confirmation #:

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

Analysis Requested

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	Total Lead	# OF CONTAINERS SUBMITTED
1	FCS#6 @ 30s		2017/01/02		Water													X	1
2	FCS#7 @ 30s		2017/01/02		Water													X	1
3	FCS#8 @ 30s		2017/01/02		Water													X	1
4	FCS#9 @ 30s		2017/01/02		Water													X	1
5	FCS#13 @ 30s		2017/01/02		Water													X	1
6	FCS#14 @ 30s		2017/01/02		Water													X	1
7	FCS#16 @ 30s		2017/01/02		Water													X	1
8	FCS#17 @ 30s		2017/01/02		Water													X	1
9	FCS#18 @ 30s		2017/01/02		Water													X	1
10	FCS#22 @ 30s		2017/01/02		Water													X	1

HOLD - DO NOT ANALYZE

LABORATORY USE ONLY

CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
		9, 10, 10

COOLING MEDIA PRESENT Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
Darren Thomas	2017/01/09	1350	J WAHUNE MOH	2017/01/10	12:20

MAXXAM JOB #

B701706_COC

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CHAIN OF CUSTODY RECORD

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

COC # 08434694

BBY FCD-00077/05

Page 4 of 5

Invoice Information		Report Information (if differs from invoice)		Project Information (where		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:

Regulatory Criteria	Special Instructions
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)
☑ Drinking Water ☑ BC Water Quality	

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

Analysis Requested

Rush Confirmation #:

LABORATORY USE ONLY

CUSTODY SEAL Y / N (N) — Present / Intact

COOLER TEMPERATURES: 9, 10, 10

COOLING MEDIA PRESENT Y / N (N)

COMMENTS

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	VOC/VPH	TEH	LEPH/HEPH	BTEX/ F1	F2 - F4	Dissolved Metals Preserved?	Dissolved Metals Filtered?	Dissolved Mercury Preserved?	Dissolved Mercury Filtered?	Total Metals	Field Preserved?	Total Mercury	Field Preserved?	Chloride	Fluoride	TSS	TDS	pH	Sulphate	BOD	Conductivity	Alkalinity	Nitrite	Nitrate	Ammonia	Total Lead	# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	COMMENTS
1	FCS#23 @ 30s		2017/01/02		Water																													x	1		
2	FCS#24 @ 30s		2017/01/02		Water																													x	1		
3	FCS#25 @ 30s		2017/01/02		Water																													x	1		
4	FCS#26 @ 30s		2017/01/02		Water																													x	1		
5	FCS#27 @ 30s		2017/01/02		Water																													x	1		
6	FCS#28 @ 30s		2017/01/02		Water																													x	1		
7	NOES#2 @ 30s		2016/12/19		Water																													x	1		
8	NOES#8 @ 30s		2016/12/19		Water																													x	1		
9	NOES#9 @ 30s		2016/12/19		Water																													x	1		
10	NOES#11 @ 30s		2016/12/19		Water																													x	1		

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
Darren Thomas	2017/01/09	13:00	JWATHNE	2017/01/10	12:30	B701706_COC

Maxxam
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CHAIN OF CUSTODY RECORD

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

COC # 08434695

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (where		Turnaround Time (TAT) Required	
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)	
Contact Name:	Darren Thomas / Mike Gallo	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)	
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days	
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days	
Email:	darren.thomas@tetratech.com	Email:	mike.gallo@tetratech.com	Sampled By:	Darren Thomas	Date Required:	

Regulatory Criteria	Special Instructions
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)
☑ Drinking Water ☑ BC Water Quality	

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	Total Lead				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	COMMENTS
1	NDSS#35 @ 5min		2017/01/09		Water													X				1		
2	PV#7 @ 5min		2017/01/09		Water													X				1		
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								

Analysis Requested: VOC/VPH, MTBE, TEH, LEPH/HEPH, F2 - F4, Preserved?, Filtered?, Preserved?, Filtered?, Field Preserved?, Field Preserved?, Sulphate, Fluoride, COD, BOD, Alkalinity, Conductivity, Ammonia, Nitrate

LABORATORY USE ONLY

CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
		9, 10, 10

COOLING MEDIA PRESENT Y / N

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
Darren Thomas	2017/01/09	13:00	JWAHUNE MOY	2017/01/10	12:20	

B701706_COC

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Success Through Science®

Your Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Your C.O.C. #: 08434843, 08434844

Attention:Darren Thomas

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

Report Date: 2017/01/19
Report #: R2335128
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B703225
Received: 2017/01/17, 08:45

Sample Matrix: DRINKING WATER
Samples Received: 10

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by CRC ICPMS (total)	9	N/A	2017/01/17	BBY7SOP-00003,	BCLM2005,EPA6020bR2m
Elements by CRC ICPMS (total)	1	N/A	2017/01/18	BBY7SOP-00003,	BCLM2005,EPA6020bR2m

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.

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.

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 #: B703225
Report Date: 2017/01/19

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QK0683	QK0684	QK0685	QK0686	QK0687		
Sampling Date			2017/01/16	2017/01/16	2017/01/16	2017/01/16	2017/01/16		
COC Number			08434843	08434843	08434843	08434843	08434843		
	UNITS	MAC	LIS#2 @ 2MIN	LIS#3 @ 2MIN	LIS#13 @ 2MIN	LIS#15 @ 2MIN	LIS#16 @ 2MIN	RDL	QC Batch
Total Metals by ICPMS									
Total Lead (Pb)	ug/L	10	**15.6**	8.71	8.77	8.64	9.46	0.20	8529656

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QK0688	QK0689	QK0690	QK0691	QK0693		
Sampling Date			2017/01/16	2017/01/16	2017/01/16	2017/01/16	2017/01/16		
COC Number			08434843	08434843	08434843	08434843	08434844		
	UNITS	MAC	LIS#17 @ 2MIN	LIS#18 @ 2MIN	LPS#11 @ 2MIN	LPS#15 @ 2MIN	PV#7 @ 2MIN	RDL	QC Batch
Total Metals by ICPMS									
Total Lead (Pb)	ug/L	10	5.39	4.93	7.22	2.61	7.14	0.20	8529656

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B703225
Report Date: 2017/01/19

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

GENERAL COMMENTS

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

Package 1	6.0°C

MAC: The guidelines that have been included in this report have been taken from the Canadian Drinking Water Quality Summary Table, October 2014.

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 Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B703225
Report Date: 2017/01/19

QUALITY ASSURANCE REPORT

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
8529656	Total Lead (Pb)	2017/01/17	100	80 - 120	103	80 - 120	<0.20	ug/L	NC	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.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).

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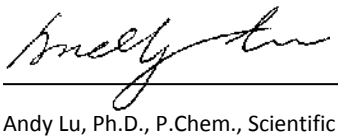
Maxxam Job #: B703225
Report Date: 2017/01/19

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
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.

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Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

CHAIN OF CUSTODY RECORD

CC 08434843

BBY FCD-00077/05

Invoice Information	Report Information (if differs from invoice)	Project Information (wt	d Time (TAT) Required
Company Name: Tetra Tech EBA	Company Name:	Quotation #:	☑ Regular TAT 5 days (Most analyses)
Contact Name: Darren Thomas	Contact Name:	P.O. #/ AFE#:	PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address: #1 - 4376 Boban Drive, Nanaimo	Address:	Project #: ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
BC PC: V9T 6A7	PC:	Site Location: School District 68	☐ Same Day ☐ 2 Days
Phone: 250-756-2256 / 250-713-9178	Phone:	Site #:	☐ 1 Day ☐ 3 Days
Email: darren.thomas@tetratech.com	Email:	Sampled By: Darren Thomas	Date Required:

Regulatory Criteria	Special Instructions	Rush Confirmation #:
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler	
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)	
☑ Drinking Water ☑ BC Water Quality		

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	Total Lead				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	COMMENTS
1	LIS#2 @ 2min		2017/01/16		Water													x				1		
2	LIS#3 @ 2min		2017/01/16		Water													x				1		
3	LIS#13 @ 2min		2017/01/16		Water													x				1		
4	LIS#15 @ 2min		2017/01/16		Water													x				1		
5	LIS#16 @ 2min		2017/01/16		Water													x				1		
6	LIS#17 @ 2min		2017/01/16		Water													x				1		
7	LIS#18 @ 2min		2017/01/16		Water													x				1		
8	LPS#11 @ 2min		2017/01/16		Water													x				1		
9	LPS#15 @ 2min		2017/01/16		Water													x				1		
10	NDSS#35 @ 2min		2017/01/16		Water																	1	X	

LABORATORY USE ONLY

CUSTODY SEAL Y / (N)

Present	Intact	COOLER TEMPERATURES
NA		1.6 1.6

COOLING MEDIA PRESENT Y / (N)

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
Darren Thomas	2017/01/16	10:00	Laurel Heather	2017/01/17	08:45	

B703225_COC

Maxxam
A Bureau Veritas Group Company

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

CHAIN OF CUSTODY F

COC: 08434844

BBY FCD-00077/05

Invoice Information	Report Information (if differs from invoice)	Project Information (where applicable)	Turnaround Time (TAT) Required
Company Name: Tetra Tech EBA	Company Name:	Quotation #:	☑ Regular TAT 5 days (Most analyses)
Contact Name: Darren Thomas	Contact Name:	P.O. #/ AFE#:	PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address: #1 - 4376 Boban Drive, Nanaimo	Address:	Project #: ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
BC PC: V9T 6A7	PC:	Site Location: School District 68	☐ Same Day ☐ 2 Days
Phone: 250-756-2256 / 250-713-9178	Phone:	Site #:	☐ 1 Day ☐ 3 Days
Email: darren.thomas@tetratech.com	Email:	Sampled By: Darren Thomas	Date Required:

Regulatory Criteria	Special Instructions	Rush Confirmation #:
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler	
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)	
☑ Drinking Water ☑ BC Water Quality		

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

Analysis Requested: ☐ BTEX/VPH ☐ MTBE ☐ VOC/VPH ☐ TEH ☐ LEPH/HEPH ☐ EPH ☐ PAH ☐ F2 - F4 ☐ BTEX/ F1 ☐ CCME-PHC ☐ Preserved? ☐ Filtered? ☐ Dissolved Metals ☐ Preserved? ☐ Filtered? ☐ Dissolved Mercury ☐ Field Preserved? ☐ Total Metals ☐ Field Preserved? ☐ Total Mercury ☐ Sulphate ☐ Fluoride ☐ Chloride ☐ COD ☐ BOD ☐ TDS ☐ Alkalinity ☐ Conductivity ☐ pH ☐ Ammonia ☐ Nitrate ☐ Nitrite ☐ Total Lead

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE
1	PV#7 @ 2min		2017/01/16		Water	1	
2							
3							
4							
5							
6							
7							
8							
9							
10							

LABORATORY USE ONLY

CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
NA		6/6/6

COOLING MEDIA PRESENT Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
Darren Thomas	2017/01/16	16:00	Lauren Berthier	2017/01/17	08:45

MAXXAM JOB #

B703225_COC

Your Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Your C.O.C. #: 08435054

Attention:Darren Thomas

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

Report Date: 2017/01/27
Report #: R2338559
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B705194
Received: 2017/01/24, 08:40

Sample Matrix: DRINKING WATER
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by CRC ICPMS (total)	1	N/A	2017/01/27	BBY7SOP-00003,	BCLM2005,EPA6020bR2m

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.

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.

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

==========

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 Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B705194
Report Date: 2017/01/27

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QL2197		
Sampling Date			2017/01/16		
COC Number			08435054		
	UNITS	MAC	LIS#2 @ 5MIN	RDL	QC Batch
Total Metals by ICPMS					
Total Lead (Pb)	ug/L	10	7.19	0.20	8537630

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B705194
Report Date: 2017/01/27

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

GENERAL COMMENTS

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

Package 1	4.7°C

MAC: The guidelines that have been included in this report have been taken from the Canadian Drinking Water Quality Summary Table, October 2014.

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 Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B705194
Report Date: 2017/01/27

QUALITY ASSURANCE REPORT

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
8537630	Total Lead (Pb)	2017/01/27	NC	80 - 120	99	80 - 120	<0.20	ug/L	0.46	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.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spiked amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than 2x that of the native sample concentration).

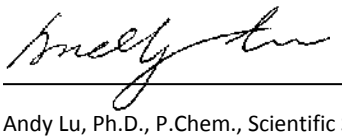
Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B705194
Report Date: 2017/01/27

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
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

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Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam
A Bureau Veritas Group Company

CHAIN OF CUSTODY RECORD

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

COC # 08435054

BBY FCD-00077/05

Invoice Information

Company Name: Tetra Tech EBA
Contact Name: Darren Thomas
Address: #1 - 4376 Boban Drive, Nanaimo
BC PC: V9T 6A7
Phone: 250-756-2256 / 250-713-9178
Email: darren.thomas@tetratech.com

Report Information (if differs from invoice)

Company Name:
Contact Name:
Address:
PC:
Phone:
Email:

Project Information (where

Quotation #:
P.O. #/ AFE#:
Project #: ENW.VENW03011-01
Site Location: School District 68
Site #:
Sampled By: Darren Thomas

me (TAT) Required

☑ Regular TAT 5 days (Most analyses)

PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS

Rush TAT (Surcharges will be applied)

☐ Same Day ☐ 2 Days
☐ 1 Day ☐ 3 Days

Date Required:

Rush Confirmation #:

Regulatory Criteria

☐ BC CSR Soil ☐ BC CSR Water
☐ CCME (Specify) ☐ Other (Specify)
☑ Drinking Water ☑ BC Water Quality

Special Instructions

☐ Return Cooler
☐ Ship Sample Bottles (Please Specify)

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

Analysis Requested

Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	VOC/VPH	TEH	LEPH/HEPH	F2 - F4	Preserved?	Preserved?	Field Preserved?	Field Preserved?	Sulphate	COD	Alkalinity	Ammonia	Total Lead	# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE
					MTBE			BTEX/ F1	Filtered?	Filtered?			Fluoride	BOD	Conductivity	Nitrate			
					BTEX/VPH	EPH	PAH	CCME:PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TDS	pH	Nitrite			
1	LIS#2 @ 5min		2017/01/16		Water												X	1	
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

LABORATORY USE ONLY

CUSTODY SEAL Y / N — Present: NA — Intact:

COOLER TEMPERATURES: 4 | 4

COOLING MEDIA PRESENT Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
Darren Thomas	2017/01/23	12:00	Laurel Heather	2017/01/24	08:40

MAXXAM JOB #

B705194_COC

Your Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Your C.O.C. #: 08435055, 08435057, 08435056

Attention:Darren Thomas

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

Report Date: 2017/01/30
Report #: R2339173
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B705195
Received: 2017/01/24, 08:40

Sample Matrix: DRINKING WATER
Samples Received: 30

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by CRC ICPMS (total)	30	N/A	2017/01/27	BBY7SOP-00003,	BCLM2005,EPA6020bR2m

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.

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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.

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.

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 #: B705195
Report Date: 2017/01/30

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QL2198	QL2199	QL2200	QL2201	QL2202		
Sampling Date			2017/01/23	2017/01/23	2017/01/23	2017/01/23	2017/01/23		
COC Number			08435055	08435055	08435055	08435055	08435055		
	UNITS	MAC	JB#7 @ 2MIN	JB#8 @ 2MIN	JB#9 @ 2MIN	JB#11 @ 2MIN	JB#13 @ 2MIN	RDL	QC Batch
Total Metals by ICPMS									
Total Lead (Pb)	ug/L	10	9.48	**18.2**	**11.0**	**30.7**	6.02	0.20	8537630

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QL2203	QL2204	QL2205	QL2206		QL2207		
Sampling Date			2017/01/23	2017/01/23	2017/01/23	2017/01/23		2017/01/23		
COC Number			08435055	08435055	08435055	08435055		08435055		
	UNITS	MAC	JB#14 @ 2MIN	JB#16 @ 2MIN	FCS#3 @ 2MIN	HB#1 @ 0S	QC Batch	HB#2 @ 0S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	**26.5**	6.63	4.95	2.89	8537630	4.31	0.20	8537999

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QL2209	QL2210	QL2211	QL2212	QL2213	QL2214		
Sampling Date			2017/01/23	2017/01/23	2017/01/23	2017/01/23	2017/01/23	2017/01/23		
COC Number			08435057	08435057	08435057	08435057	08435057	08435057		
	UNITS	MAC	HB#3 @ 0S	HB#4 @ 0S	HB#5 @ 0S	HB#6 @ 5MIN	HB#7 @ 0S	HB#8 @ 0S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	4.62	2.23	2.17	0.21	1.22	1.56	0.20	8537999

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B705195
Report Date: 2017/01/30

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QL2215	QL2216	QL2217	QL2218	QL2223	QL2224		
Sampling Date			2017/01/23	2017/01/23	2017/01/23	2017/01/23	2017/01/23	2017/01/23		
COC Number			08435057	08435057	08435057	08435057	08435056	08435056		
	UNITS	MAC	HB#9 @ 0S	HB#10 @ 0S	HB#11 @ 0S	HB#12 @ 0S	HB#13 @ 0S	HB#14 @ 0S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	1.06	1.05	1.81	**21.8**	**24.3**	**10.1**	0.20	8537999

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B705195
Report Date: 2017/01/30

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QL2225	QL2226	QL2227	QL2228	QL2229	QL2230		
Sampling Date			2017/01/23	2017/01/23	2017/01/23	2017/01/23	2017/01/23	2017/01/23		
COC Number			08435056	08435056	08435056	08435056	08435056	08435056		
	UNITS	MAC	HB#15 @ 0S	HB#16 @ 0S	HB#17 @ 0S	HB#18 @ 0S	HB#19 @ 0S	HB#20 @ 0S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	4.11	**18.4**	7.58	**14.2**	**74.3**	**33.2**	0.20	8537999

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QL2231		QL2232		
Sampling Date			2017/01/23		2017/01/23		
COC Number			08435056		08435056		
	UNITS	MAC	HB#21 @ 0S	QC Batch	HB#22 @ 0S	RDL	QC Batch
Total Metals by ICPMS							
Total Lead (Pb)	ug/L	10	6.06	8537999	5.67	0.20	8538100

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B705195
Report Date: 2017/01/30

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

GENERAL COMMENTS

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

Package 1	4.7°C

MAC: The guidelines that have been included in this report have been taken from the Canadian Drinking Water Quality Summary Table, October 2014.

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 Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B705195
Report Date: 2017/01/30

QUALITY ASSURANCE REPORT

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
8537630	Total Lead (Pb)	2017/01/27	NC	80 - 120	99	80 - 120	<0.20	ug/L	0.46	20
8537999	Total Lead (Pb)	2017/01/27	NC	80 - 120	96	80 - 120	<0.20	ug/L	0.53	20
8538100	Total Lead (Pb)	2017/01/27	NC	80 - 120	99	80 - 120	<0.20	ug/L	3.7	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.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spiked amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than 2x that of the native sample concentration).

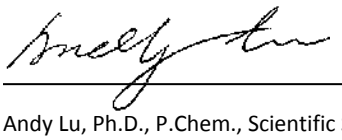
Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B705195
Report Date: 2017/01/30

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
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

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CHAIN OF CUSTODY RECORD

COC 08435055

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (whe		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:		Sampled By:	Darren Thomas	Date Required:

Regulatory Criteria	Special Instructions
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)
☑ Drinking Water ☑ BC Water Quality	

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	Total Lead				# OF CONTAINERS SUBMITTED
1	JB#7 @ 2min		2017/01/23		Water													x				1
2	JB#8 @ 2min		2017/01/23		Water													x				1
3	JB#9 @ 2min		2017/01/23		Water													x				1
4	JB#11 @ 2min		2017/01/23		Water													x				1
5	JB#13 @ 2min		2017/01/23		Water													x				1
6	JB#14 @ 2min		2017/01/23		Water													x				1
7	JB#16 @ 2min		2017/01/23		Water													x				1
8	FCS#3 @ 2min		2017/01/23		Water													x				1
9	HB#1 @ 0s		2017/01/23		Water													x				1
10	HB#2 @ 0s		2017/01/23		Water													x				1

Analysis Requested: VOC/VPH, TEH, LEPH/HEPH, F2 - F4, Preserved?, Preserved?, Preserved?, Sulphate, COD, Alkalinity, Ammonia, MTBE, BTEX/ F1, Filtered?, Filtered?, Field Preserved?, Field Preserved?, Fluoride, BOD, Conductivity, Nitrate

HOLD - DO NOT ANALYZE

LABORATORY USE ONLY

CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
NA		4.4
		1.1

COOLING MEDIA PRESENT Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
Darren Thomas	2017/01/23	12:00	Lauren Berthier	2017/01/24	08:40	

B705195_COC

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Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

CHAIN OF CUSTODY RECORD

08435057

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:		Sampled By:	Darren Thomas	Date Required:

Regulatory Criteria	Special Instructions
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)
☑ Drinking Water ☑ BC Water Quality	

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

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	Total Lead				# OF CONTAINERS SUBMITTED
1	HB#3 @ 0s		2017/01/23		Water													x				1
2	HB#4 @ 0s		2017/01/23		Water													x				1
3	HB#5 @ 0s		2017/01/23		Water													x				1
4	HB#6 @ 5min		2017/01/23		Water													x				1
5	HB#7 @ 0s		2017/01/23		Water													x				1
6	HB#8 @ 0s		2017/01/23		Water													x				1
7	HB#9 @ 0s		2017/01/23		Water													x				1
8	HB#10 @ 0s		2017/01/23		Water													x				1
9	HB#11 @ 0s		2017/01/23		Water													x				1
10	HB#12 @ 0s		2017/01/23		Water													x				1

Analysis Requested: VOC/VPH, MTBE, TEH, LEPH/HEPH, F2 - F4, BTEX/ F1, Preserved?, Filtered?, Preserved?, Filtered?, Field Preserved?, Field Preserved?, Sulphate, Fluoride, COD, BOD, Alkalinity, Conductivity, Ammonia, Nitrate

HOLD - DO NOT ANALYZE

LABORATORY USE ONLY

CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
IA		4.4
		4.4

COOLING MEDIA PRESENT Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
Darren Thomas	2017/01/23	12:00	Laurel McAteer	2017/01/24	08:40	

B705195_COC

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CHAIN OF CUSTODY RECORD

COC 08435056

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information		Turnaround Time (TAT) Required
Company Name:	Tetra Tech EBA	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7	PC:		Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:		Sampled By:	Darren Thomas	Date Required:
						Rush Confirmation #:

Regulatory Criteria: ☐ BC CSR Soil ☐ BC CSR Water ☐ CCME (Specify) ☐ Other (Specify) ☑ Drinking Water ☑ BC Water Quality

Special Instructions: ☐ Return Cooler ☐ Ship Sample Bottles (Please Specify)

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

Analysis Requested: VOC/VPH, MTBE, BTEX/VPH, TEH, EPH, LEPH/HEPH, PAH, F2 - F4, BTEX/F1, CCME-PHC, Preserved?, Filtered?, Dissolved Metals, Preserved?, Filtered?, Dissolved Mercury, Field Preserved?, Total Metals, Field Preserved?, Total Mercury, Sulphate, Fluoride, Chloride, COD, BOD, TDS, TSS, Alkalinity, Conductivity, pH, Ammonia, Nitrate, Nitrite, Total Lead

LABORATORY USE ONLY: Custody Seal Y / N (N circled); Present: NA; Intact:; Cooler Temperatures: 4/6/4, 1/1; Cooling Media Present Y / N (Y circled)

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	Total Lead	# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	COMMENTS
1	HB#13 @ 0s		2017/01/23		Water	x	1		
2	HB#14 @ 0s		2017/01/23		Water	x	1		
3	HB#15 @ 0s		2017/01/23		Water	x	1		
4	HB#16 @ 0s		2017/01/23		Water	x	1		
5	HB#17 @ 0s		2017/01/23		Water	x	1		
6	HB#18 @ 0s		2017/01/23		Water	x	1		
7	HB#19 @ 0s		2017/01/23		Water	x	1		
8	HB#20 @ 0s		2017/01/23		Water	x	1		
9	HB#21 @ 0s		2017/01/23		Water	x	1		
10	HB#22 @ 0s		2017/01/23		Water	x	1		

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
[signature] Darren Thomas	2017/01/23	12:00	[signature] Laurel Brathier	2017/01/24	08:40	B705195_COC

Your Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Your C.O.C. #: 08435298, 08435297

Attention:Darren Thomas

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

Report Date: 2017/02/07
Report #: R2342565
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B708065
Received: 2017/02/03, 08:30

Sample Matrix: DRINKING WATER
Samples Received: 11

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by CRC ICPMS (total)	11	N/A	2017/02/07	BBY7SOP-00003,	BCLM2005,EPA6020bR2m

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.

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.

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 #: B708065
Report Date: 2017/02/07

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

ELEMENTS BY ATOMIC SPECTROSCOPY (DRINKING WATER)

Maxxam ID			QM6269	QM6270	QM6271	QM6272	QM6273	QM6274		
Sampling Date			2017/01/23	2017/01/23	2017/01/23	2017/01/23	2017/01/23	2017/01/23		
COC Number			08435298	08435298	08435298	08435298	08435298	08435298		
	UNITS	MAC	JB#8 @ 5MIN	JB#9 @ 5MIN	JB#11 @ 5MIN	JB#14 @ 5MIN	HB#12@ 30S	HB#13@ 30S	RDL	QC Batch
Total Metals by ICPMS										
Total Lead (Pb)	ug/L	10	**14.0**	9.59	7.81	**82.0**	4.11	4.44	0.20	8546294

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam ID			QM6275	QM6276	QM6277	QM6278	QM6280		
Sampling Date			2017/01/23	2017/01/23	2017/01/23	2017/01/23	2017/01/23		
COC Number			08435298	08435298	08435298	08435298	08435297		
	UNITS	MAC	HB#14@ 30S	HB#16@ 30S	HB#18@ 30S	HB#19@ 30S	HB#20 @ 30S	RDL	QC Batch
Total Metals by ICPMS									
Total Lead (Pb)	ug/L	10	1.53	0.80	5.12	4.25	1.82	0.20	8546294

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B708065
Report Date: 2017/02/07

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

GENERAL COMMENTS

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

Package 1	1.0°C

MAC: The guidelines that have been included in this report have been taken from the Canadian Drinking Water Quality Summary Table, October 2014.

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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Maxxam Job #: B708065
Report Date: 2017/02/07

QUALITY ASSURANCE REPORT

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
8546294	Total Lead (Pb)	2017/02/07	NC	80 - 120	103	80 - 120	<0.20	ug/L	0.59	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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Maxxam Job #: B708065
Report Date: 2017/02/07

TETRA TECH EBA INC.
Client Project #: ENW.VENW03011-01
Site Location: SCHOOL DISTRICT 68
Sampler Initials: DT

VALIDATION SIGNATURE PAGE

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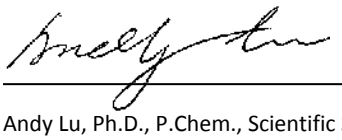

Andy Lu, Ph.D., P.Chem., Scientific Specialist

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Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

CHAIN OF CUSTODY RECORD

CO

08435298

BBY FCD-00077/05

Invoice Information		Report Information (if differs from invoice)		Project Information (wh		Time (TAT) Required	
Company Name:	Tetra Tech Canada	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)	
Contact Name:	Darren Thomas	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)	
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days	
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days	
Email:	darren.thomas@tetratech.com	Email:		Sampled By:	Darren Thomas	Date Required:	
						Rush Confirmation #:	

Regulatory Criteria

☐ BC CSR Soil ☐ BC CSR Water

☐ CCME (Specify) ☐ Other (Specify)

☑ Drinking Water ☑ BC Water Quality

Special Instructions

☐ Return Cooler

☐ Ship Sample Bottles (Please Specify)

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

Analysis Requested

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1	JB#8 @ 5min		2017/01/23		Water													x	1
2	JB#9 @ 5min		2017/01/23		Water													x	1
3	JB#11 @ 5min		2017/01/23		Water													x	1
4	JB#14 @ 5min		2017/01/23		Water													x	1
5	HB#12 @ 30s		2017/01/23		Water													x	1
6	HB#13 @ 30s		2017/01/23		Water													x	1
7	HB#14 @ 30s		2017/01/23		Water													x	1
8	HB#16 @ 30s		2017/01/23		Water													x	1
9	HB#18 @ 30s		2017/01/23		Water													x	1
10	HB#19 @ 30s		2017/01/23		Water													x	1

HOLD - DO NOT ANALYZE

LABORATORY USE ONLY

CUSTODY SEAL Y / N — Present / Intact

COOLER TEMPERATURES

COOLING MEDIA PRESENT. Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)
Kristy Gabelhouse	2017/02/02	16:00		2017/02/03	08:30

B708065_COC

03-Feb-17 08:30

Letitia Prefontaine

B708065

Maxxam
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AN0 SQ131

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5. Toll Free (800) 665-8566

CHAIN OF CUSTODY RECORD

COC # 08435297

BBY FCD-00077/05

Page 2 of 2

Invoice Information		Report Information (if differs from invoice)		Project Information (where		e (TAT) Required
Company Name:	Tetra Tech Canada	Company Name:		Quotation #:		☑ Regular TAT 5 days (Most analyses)
Contact Name:	Darren Thomas	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#1 - 4376 Boban Drive, Nanaimo	Address:		Project #:	ENW.VENW03011-01	Rush TAT (Surcharges will be applied)
	BC PC: V9T 6A7		PC:	Site Location:	School District 68	☐ Same Day ☐ 2 Days
Phone:	250-756-2256 / 250-713-9178	Phone:		Site #:		☐ 1 Day ☐ 3 Days
Email:	darren.thomas@tetratech.com	Email:		Sampled By:	Darren Thomas	Date Required:

Regulatory Criteria	Special Instructions
☐ BC CSR Soil ☐ BC CSR Water	☐ Return Cooler
☐ CCME (Specify) ☐ Other (Specify)	☐ Ship Sample Bottles (Please Specify)
☑ Drinking Water ☑ BC Water Quality	

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

Analysis Requested

	Sample Identification	Lab Identification	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	BTEX/VPH	EPH	PAH	CCME-PHC	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	Total Lead				# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	COMMENTS
1	HB#20 @ 30s		2017/01/23		Water													X				1		
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								

LABORATORY USE ONLY		
CUSTODY SEAL Present Y / N	Intact Y / N	COOLER TEMPERATURES
1A		11
COOLING MEDIA PRESENT. Y / N		

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	MAXXAM JOB #
Kristy Gabelhouse	2017/02/02	15:00	[illegible]	2017/02/03	08:30	

B708065_COC