



BSK Associates Laboratory Fresno
 1414 Stanislaus St
 Fresno, CA 93706
 559-497-2888 (Main)
 559-485-6935 (FAX)

A9A3101
 2/06/2019

Jeremy Cox
 City of Woodland
 655 North Pioneer Avenue
 Woodland, CA 95776

RE: Report for A9A3101 School Lead - EDT

Dear Jeremy Cox,

Thank you for using BSK Associates for your analytical testing needs. In the following pages, you will find the test results for the samples submitted to our laboratory on 1/25/2019. The results have been approved for release by our Laboratory Director as indicated by the authorizing signature below.

The samples were analyzed for the test(s) indicated on the Chain of Custody (see attached) and the results relate only to the samples analyzed. BSK certifies that the testing was performed in accordance with the quality system requirements specified in the 2009 TNI Standard. Any deviations from this standard or from the method requirements for each test procedure performed will be annotated alongside the analytical result or noted in the Case Narrative. Unless otherwise noted, the sample results are reported on an "as received" basis.

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

If additional clarification of any information is required, please contact your Project Manager, Jaime Lee LaFave, at 559-497-2888.

Thank you again for using BSK Associates. We value your business and appreciate your loyalty.

Sincerely,

Jaime Lee LaFave, Project Manager



Accredited in Accordance with NELAP
 ORELAP #4021-009

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

A9A3101 FINAL 02062019 1635

Case Narrative

Project and Report Details	Invoice Details
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Client: City of Woodland Report To: Jeremy Cox Project #: Cesar Chavez Community 57105790113787 Received: 1/25/2019 - 11:00 Report Due: 2/08/2019	Invoice To: City of Woodland Invoice Attn: Accounts Payable Project PO#: -
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Sample Receipt Conditions

Cooler: Default Cooler Temperature on Receipt °C: 8.0	Containers Intact COC/Labels Agree Received with no thermal preservation. Packing Material - Bubble Wrap Sample(s) were received in temperature range. Initial receipt at BSK-FAL
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Data Qualifiers

The following qualifiers have been applied to one or more analytical results:

None applied

Report Distribution

Recipient(s)	Report Format	CC:
Jeremy Cox	FINAL.RPT	
Jeremy Cox	WRITEON.RPT	
Paul Blutsworth	FINAL.RPT	
Paul Blutsworth	WRITEON.RPT	
Sacramento District #09	MCL.RPT	
Sacramento District #09	WRITEON.RPT	
Matt Cohen	FINAL.RPT	
Matt Cohen	WRITEON.RPT	



A9A3101

School Lead - EDT

Cesar Chavez Community 57105790113787

Certificate of Analysis

Sample ID: A9A3101-01

Sampled By: Paul Bludsworth

Sample Description: YCCP Building Restroom Sink

Sample Date - Time: 01/15/19 - 08:36

Matrix: Water

Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	ND	1.0	ug/L	1	A901268	01/28/19	02/05/19	

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A9A3101

School Lead - EDT

Cesar Chavez Community 57105790113787

Certificate of Analysis

Sample ID: A9A3101-02

Sampled By: Paul Bludsworth

Sample Description: RR Building Exterior DF

Sample Date - Time: 01/15/19 - 08:25

Matrix: Water

Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	ND	1.0	ug/L	1	A901268	01/28/19	02/05/19	

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A9A3101

School Lead - EDT

Cesar Chavez Community 57105790113787

Certificate of Analysis

Sample ID: A9A3101-03

Sampled By: Paul Bludsworth

Sample Description: Restroom Building Boys Sink

Sample Date - Time: 01/15/19 - 08:30

Matrix: Water

Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	1.8	1.0	ug/L	1	A901268	01/28/19	02/05/19	

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A9A3101

School Lead - EDT

Cesar Chavez Community 57105790113787

Certificate of Analysis

Sample ID: A9A3101-04

Sampled By: Paul Bludsworth

Sample Description: Admin Building Hallway Sink

Sample Date - Time: 01/15/19 - 08:20

Matrix: Water

Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	ND	1.0	ug/L	1	A901268	01/28/19	02/05/19	

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A9A3101

School Lead - EDT

Cesar Chavez Community 57105790113787

Certificate of Analysis

Sample ID: A9A3101-05
Sampled By: Paul Bludsworth
Sample Description: Backflow

Sample Date - Time: 01/15/19 - 08:10
Matrix: Water
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	1.4	1.0	ug/L	1	A901268	01/28/19	02/05/19	

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BSK Associates Laboratory Fresno
Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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EPA 200.8 - Quality Control

Batch: A901268

Prepared: 1/28/2019

Prep Method: EPA 200.2 - Pb/Cu Rule

Analyst: MAS

Blank (A901268-BLK1)

Lead	ND	1.0	ug/L							02/05/19	
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Blank Spike (A901268-BS1)

Lead	200	1.0	ug/L	200	ND	101	85-115			02/05/19	
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Blank Spike Dup (A901268-BSD1)

Lead	210	1.0	ug/L	200	ND	104	85-115	3	20	02/05/19	
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Matrix Spike (A901268-MS1), Source: A9A3056-02

Lead	200	1.0	ug/L	200	ND	101	70-130			02/05/19	
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Matrix Spike (A901268-MS2), Source: A9A3098-03

Lead	200	1.0	ug/L	200	2.5	100	70-130			02/05/19	
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Matrix Spike Dup (A901268-MSD1), Source: A9A3056-02

Lead	200	1.0	ug/L	200	ND	101	70-130	0	20	02/05/19	
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Matrix Spike Dup (A901268-MSD2), Source: A9A3098-03

Lead	200	1.0	ug/L	200	2.5	101	70-130	1	20	02/05/19	
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A9A3101



01252019

Wood15959

Turnaround: Standard

Due Date: 2/8/2019



City of Woodland





Sample Integrity

BSK Bottles: Yes No Page 1 of 1

COC Info		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>		Were correct containers and preservatives received for the tests requested?		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	
Was temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 8^{\circ}\text{C}$		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>		Bubbles Present VOAs (524.2/TCP/TTHM)? TB Received? (Check Method Below)		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input checked="" type="checkbox"/>	
If samples were taken today, is there evidence that chilling has begun?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>		Was a sufficient amount of sample received?		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Did all bottles arrive unbroken and intact?		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Do samples have a hold time <72 hours?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Did all bottle labels agree with COC?		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Was PM notified of discrepancies? PM: _____ By/Time: _____		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>					
250ml(A) 500ml(B) 1Liter(C) 40ml VOA(V)		Checks	Passed?	L-S			
BaCl ₂ Na ₂ S ₂ O ₈		—	—				
None (P) White Cap		—	—				
Cr6 (P) Lt. Green Label/Blue Cap NH ₄ OH(NH ₄) ₂ SO ₄ DW		Cl, pH > 8	P F				
Cr6 (P) Pink Label/Blue Cap NH ₄ OH(NH ₄) ₂ SO ₄ WW		pH 9.3-9.7	P F				
Cr6 (P) Black Label/Blue Cap NH ₄ OH(NH ₄) ₂ SO ₄ 7199 **24 HOUR HOLD TIME**		pH 9.0-9.5	P F				
HNO ₃ (P) Red Cap or HCl (P) Purple Cap/Lt. Blue Label		—	—	IC			
H ₂ SO ₄ (P) or (AG) Yellow Cap/Label		pH < 2	P F				
NaOH (P) Green Cap		Cl, pH > 10	P F				
NaOH + ZnAc (P)		pH > 8	P F				
Dissolved Oxygen 300ml (g)		—	—				
None (AG) 403/402/4092, 625, 632/6321, 8151, 8270		—	—				
HCl (AG) Lt. Blue Label O&G, Diesel, TCP		—	—				
Ascorbic, EDTA, KH ₂ Ct (AG) Pink Label 525		—	—				
Na ₂ SO ₃ 250mL (AG) Neon Green Label 515		—	—				
Na ₂ S ₂ O ₃ 1 Liter (Brown P) 549		—	—				
Na ₂ S ₂ O ₅ (AG) Blue Label 546, THM, 524		—	—				
Na ₂ S ₂ O ₃ (CG) Blue Label 504, 505, 547		—	—				
Na ₂ S ₂ O ₅ + MCAA (CG) Orange Label 531		pH < 3	P F				
NH ₄ Cl (AG) Purple Label 552		—	—				
EDA (AG) Brown Label DBPs		—	—				
HCL (CG) 524.2, BTEX, Gas, MTBE, 8260/624		—	—				
Buffer pH 4 (CG)		—	—				
H ₃ PO ₄ (CG) Salmon Label		—	—				
Other:							
Asbestos 1L (P) w/ Foil / LL Metals Bottle		—	—				
Bottled Water		—	—				
Clear Glass 250mL / 500mL / 1 Liter		—	—				
Solids: Brass / Steel / Plastic Bag		—	—				
Split	Container	Preservative	Date/Time/Initials	Container	Preservative	Date/Time/Initials	
	S <input checked="" type="checkbox"/> P	IC	HNO ₃	1/25/19 1155 DRW	S P		
				S P			
Comments	✓ Indicates Blanks Received 504 ___ 524.2 ___ TCP ___ TTHM ___ 537 ___ 8260/624 ___						

VCH
1-25-19

Labeled by: DR @ 1246

Labels checked by: [Signature] @ 135

RUSH Paged by: @