



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

A9A3095
 2/06/2019

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

RE: Report for A9A3095 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.

A9A3095 FINAL 02062019 1619

Case Narrative

Project and Report Details	Invoice Details
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Client: City of Woodland Report To: Jeremy Cox Project #: 571057960277275-Yolo County Office of Education 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	
Yousuf Kaleem	FINAL.RPT	
Yousuf Kaleem	WRITEON.RPT	



A9A3095

School Lead - EDT

571057960277275-Yolo County Office of Education

Certificate of Analysis

Sample ID: A9A3095-01
Sampled By: Paul Bludsworth
Sample Description: Ste 100 Men's Bathroom

Sample Date - Time: 01/15/19 - 07:01
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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A9A3095

School Lead - EDT

571057960277275-Yolo County Office of Education

Certificate of Analysis

Sample ID: A9A3095-02

Sampled By: Paul Bludsworth

Sample Description: Ste 100 Men's Conf. Bathroom

Sample Date - Time: 01/15/19 - 07:23

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	41	1.0	ug/L	1	A901268	01/28/19	02/05/19	

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A9A3095

School Lead - EDT

571057960277275-Yolo County Office of Education

Certificate of Analysis

Sample ID: A9A3095-03
Sampled By: Paul Bludsworth
Sample Description: Ste 190 Men's Bathroom

Sample Date - Time: 01/15/19 - 07:39
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	1.3	1.0	ug/L	1	A901268	01/28/19	02/05/19	

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A9A3095

School Lead - EDT

571057960277275-Yolo County Office of Education

Certificate of Analysis

Sample ID: A9A3095-04

Sampled By: Paul Bludsworth

Sample Description: Ste 140 Headstart Kitchen

Sample Date - Time: 01/15/19 - 07:30

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	ND	1.0	ug/L	1	A901268	01/28/19	02/05/19	

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A9A3095

School Lead - EDT

571057960277275-Yolo County Office of Education

Certificate of Analysis

Sample ID: A9A3095-05
Sampled By: Paul Bludsworth
Sample Description: Distribution Source

Sample Date - Time: 01/15/19 - 06:51
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	1.3	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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A9A3095



01252019

Wood15959

Turnaround: Standard

Due Date: 2/8/2019



City of Woodland





1414 Stanislaus St., Fresno, CA 93706
 (559) 497-2888 - Fax (559) 497-2893
 www.bs&kassociates.com

Turnaround Time Request
 Standard - 10 business days
 Rush (Surcharge may apply)
 Date needed: **8.04.54**

A9A3095
 Wood15959
 01/25/2019
 10



Required Fields

Company/Client Name*: **City of Woodland**
 Address*: **300 First Street**
 City*: **Woodland**
 State*: **Ca**
 Zip*: **95695**
 Report Attention*: **Matt Cohen**
 Additional cc's: **Jeremy Cox**
 Project #: **1280 Santa Anita**
 Project: **57105796027275 - Yolo County Office of Education**
 Temp: **8.04.54**
 Invoice To*: **530-661-5955**
 PO#: **5710006**
 E-mail*: **Matt.Cohen@cityofwoodland.org**
 Phone*: **530-661-5955**
 Fax: **530-661-5955**

Reporting Options: Traces (J-Flag) Swamp EDD Type: _____
 Regulatory Carbon Copies: SWRCB (Drinking Water) Fresno Co Madera Co Tulare Co Other: _____
 Regulatory Compliance: EDT to California SWRCB (Drinking Water) System Number: **5710006**
 How would you like to receive your completed results? E-Mail Fax Mail
 Geotracker #: _____
 Matrix Types: SW=Surface Water BW=Bottled Water GW=Ground Water WW=Waste Water STW=Storm Water DW=Drinking Water SO=Solid
 Matrix: **Lead in Schools**

#	Sample Description*	Sampled*		Matrix*	Comments / Station Code / WTRAX
		Date	Time		
1	5710006-ABJ-A	1-15-11	0701		X
2	5710006-ABJ-B	1-15-11	0723		X
3	5710006-ABJ-C	1-15-11	0738		X
4	5710006-ABJ-D	1-15-11	0750		X
5	5710006-ABJ-Z	1-15-11	0851		X

Received by (Signature and Printed Name): **John James Monnier**
 Date: **1/25/11** Time: **1:00**
 Received by (Signature and Printed Name): **John James Monnier**
 Date: **1/25/11** Time: **1:00**
 Payment Received at Delivery: _____
 Date: _____
 Company: **BS&K-SAC**
 Company: **BS&K-SAC**
 Company: **BS&K-SAC**

Shipping Method: **QTRAX** UPS **GSO** WALK-IN **FED EX** Courier: _____
 Cooling Method: **Wet** Blue **None**
 Chilling Process Begun: **Y** **Y** **Y** **Y**
 Amount: _____
 PIA#: _____
 Check: _____
 Init: _____
 Cas: _____

Payment for services rendered as noted herein are due in full within 30 days from the date invoiced. If not so paid, account balances are deemed delinquent. Delinquent balances are subject to monthly service charges and interest specified in BS&K's current Standard Terms and Conditions for Laboratory Services. The person signing the Client/Company acknowledges that they are either the Client or an authorized agent to the Client, that the Client agrees to be responsible for payment for the services on this Chain of Custody, and agrees to BS&K's terms and conditions for laboratory services unless contractually bound otherwise. BS&K's current terms and conditions can be found at www.bs&kassociates.com/BS&KLabTermsConditions.pdf

Sample Integrity



BSK Bottles: Yes No Page 1 of 1

COC Info		Was temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 8^{\circ}\text{C}$		Yes <input checked="" type="radio"/> No <input type="radio"/> NA		Were correct containers and preservatives received for the tests requested?		Yes <input checked="" type="radio"/> No <input type="radio"/> NA	
COC Info		If samples were taken today, is there evidence that chilling has begun?		Yes <input type="radio"/> No <input checked="" type="radio"/> NA		Bubbles Present VOAs (524.2/TCP/TTHM)? TB Received? (Check Method Below)		Yes <input type="radio"/> No <input checked="" type="radio"/> NA	
COC Info		Did all bottles arrive unbroken and intact?		Yes <input checked="" type="radio"/> No <input type="radio"/>		Was a sufficient amount of sample received?		Yes <input checked="" type="radio"/> No <input type="radio"/>	
COC Info		Did all bottle labels agree with COC?		Yes <input checked="" type="radio"/> No <input type="radio"/>		Do samples have a hold time <72 hours?		Yes <input type="radio"/> No <input checked="" type="radio"/>	
COC Info		Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?		Yes <input type="radio"/> No <input checked="" type="radio"/> NA		Was PM notified of discrepancies? PM: _____ By/Time: _____		Yes <input type="radio"/> No <input checked="" type="radio"/> NA	
Bottles Received	250ml(A) 500ml(B) 1Liter(C) 40ml VOA(V)		Checks	Passed?	1-5	1			
	Bacti $\text{Na}_2\text{S}_2\text{O}_3$		—	—					
	None (P) White Cap		—	—					
	Cr6 (P) Lt. Green Label/Blue Cap $\text{NH}_4\text{OH}(\text{NH}_4)_2\text{SO}_4$ DW		Cl, pH > 8	P F					
	Cr6 (P) Pink Label/Blue Cap $\text{NH}_4\text{OH}(\text{NH}_4)_2\text{SO}_4$ WW		pH 9.3-9.7	P F					
	Cr6 (P) Black Label/Blue Cap $\text{NH}_4\text{OH}(\text{NH}_4)_2\text{SO}_4$ 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		—	—	1C				
	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 > 9	P F					
	Dissolved Oxygen 300ml (g)		—	—					
	None (AG) 808/8081/8082, 625, 832/8321, 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 ₃ (AG) Blue Label 548, TTHM, 524		—	—					
	Na ₂ S ₂ O ₃ (CG) Blue Label 504, 505, 547		—	—					
	Na ₂ S ₂ O ₃ + 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 (P)	1C	HNO ₃	1/25/19 1155 DRW	S P				
	S P				S P				
Comments	✓ Indicates Blanks Received								
	504 ___ 524.2 ___ TCP ___ TTHM ___ 537 ___ 8260/624 ___								

VGH
1-25-19

Labeled by: 172 @ 1250

Labels checked by: [Signature] @ 1315

RUSH Paged by: _____ @ _____