



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

A9I3110

10/09/2019

Invoice: A928429

Carson Brockway
 Big Creek Community Services District
 Post Office Box 178
 Big Creek, CA 93605

RE: Report for A9I3110 General-Non EDT

Dear Carson Brockway,

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 9/25/2019. 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, True Lee, at 559-497-2888.

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

Sincerely,

True Lee, 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.

A9I3110 FINAL 10092019 1009

Case Narrative

Project and Report Details	Invoice Details
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Client: Big Creek Community Services District Report To: Carson Brockway Project #: 55190 Point Rd - Cafe/Class Lead Samples, Sys# 100000! Received: 9/25/2019 - 16:25 Report Due: 10/09/2019	Invoice To: Big Creek Community Services District Invoice Attn: Elizabeth Siegrist Project PO#: -
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Sample Receipt Conditions

Cooler: Default Cooler Temperature on Receipt °C: 19.8	Containers Intact COC/Labels Agree Received On Blue Ice Sample(s) arrived at lab on same day sampled. Packing Material - Other Sample(s) were received in temperature range. Initial receipt at BSK-FAL
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Detailed Narrative

Chain of Custody Notes

Date: 09/26/2019
Initials: TRL
Note: Per Carson Brockway, requested to have Bacti reported separately. For Bacti results, refer to Work order A9I3025.

Data Qualifiers

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

None applied

Report Distribution

Recipient(s)	Report Format	CC:
Carson Brockway	FINAL.RPT	bcservices218@gmail.com



A9I3110

General-Non EDT

55190 Point Rd - Cafe/Class Lead Samples, Sys# 1000005

Certificate of Analysis

Sample ID: A9I3110-01
Sampled By: Carson Brockway
Sample Description: 55190 Point Rd Cafe

Sample Date - Time: 09/25/19 - 10:00
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	A914599	09/27/19	10/07/19	

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A9I3110

General-Non EDT

55190 Point Rd - Cafe/Class Lead Samples, Sys# 1000005

Certificate of Analysis

Sample ID: A9I3110-02
Sampled By: Carson Brockway
Sample Description: 55190 Point Rd Class

Sample Date - Time: 09/25/19 - 10:00
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	A914599	09/27/19	10/07/19	

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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: A914599

Prepared: 9/27/2019

Prep Method: EPA 200.2

Analyst: MAS

Blank (A914599-BLK1)

Lead	ND	1.0	ug/L							10/07/19	
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Blank Spike (A914599-BS1)

Lead	200	1.0	ug/L	200	ND	101	85-115			10/07/19	
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Blank Spike Dup (A914599-BSD1)

Lead	200	1.0	ug/L	200	ND	101	85-115	1	20	10/07/19	
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Matrix Spike (A914599-MS1), Source: A9I2944-01

Lead	190	1.0	ug/L	200	ND	97	70-130			10/07/19	
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Matrix Spike Dup (A914599-MSD1), Source: A9I2944-01

Lead	200	1.0	ug/L	200	ND	99	70-130	2	20	10/07/19	
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Certificate of Analysis

Notes:

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of according to BSK's sample retention policy unless other arrangements are made in advance.
- All positive results for EPA Methods 504.1 and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- Field tests are outside the scope of laboratory accreditation and there is no certification available for field testing.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.
- Due to the subjective nature of the Threshold Odor Method , all characterizations of the detected odor are the opinion of the panel of analysts. The characterizations can be found in Standard Methods 2170B Figure 2170:1.
- The MCLs provided in this report (if applicable) represent the primary MCLs for that analyte.
- (2) - Formerly known as Bis(2-Chloroisopropyl) ether.

Definitions

mg/L:	Milligrams/Liter (ppm)	MDL:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit: DL x Dilution	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)	ND:	None Detected below MRL/MDL	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	pCi/L:	PicoCuries per Liter	Absent:	Less than 1 CFU/100mLs
%:	Percent	RL Mult:	RL Multiplier	Present:	1 or more CFU/100mLs
NR:	Non-Reportable	MCL:	Maximum Contaminant Limit	U:	The analyte was not detected at or above the reported sample quantitation limit.

Please see the individual Subcontract Lab's report for applicable certifications.

BSK is not accredited under the NELAP program for the following parameters:

****NA****

Certificate of Analysis

Certifications: Please refer to our website for a copy of our Accredited Fields of Testing under each certification.

Fresno

State of California - ELAP	1180	State of Hawaii	4021
Los Angeles CSD	9254479	NELAP certified	4021-012
State of Nevada	CA000792020-2	State of Oregon - NELAP	4021-012
EPA - UCMR4	CA00079	State of Washington	C997-19c

Sacramento

State of California - ELAP	2435
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San Bernardino

State of California - ELAP	2993	Los Angeles CSD	9254478
NELAP certified	4119-004	State of Oregon - NELAP	4119-004

Vancouver

NELAP certified	WA100008-012	State of Oregon - NELAP	WA100008-012
State of Washington	C824-19		



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:



A913110 BigC3348 09/25/20

Company/Client Name* **Big Creek CSD** Report Attention* **Carson Brockway** Temp: **19.8** # **53** Invoice To* **Kristi Loman** Phone: **(559) 374-1751** Fax: **(559) 893-3331**

Address* **P.O. Box 178** City* **Big Creek** Additional ccs: **Carson Brockway** PO#: **beservices218@gmail.com** State* **CA** Zip*: **93505** E-mail: **mtfbox bc 777@gmail.com**

Reporting Options: Trace (J-Flag) Swamp EDD Type: _____ Regulatory Carbon Copies: SWRCB (Drinking Water) Merced Co Madera Co Other: _____ Fresno Co Tulare Co Geotracker #: _____

Sampler Name (Printed/Signature)*: **Carson Brockway** Regulatory Compliance: EDT to California SWRCB (Drinking Water) System Number*: **1000005** SO=Solid

Matrix Types: SW=Surface Water BW=Boiled Water GW=Ground Water WW=Waste Water STW=Storm Water DW=Drinking Water SO=Solid

#	Sample Description*	Sampled*		Matrix*	Comments / Station Code / WTRAX	Bacti Present	Lead	Lead
		Date	Time					
1	55254 Jungtash Ln	9/25	10:00	DW	LC-02	X		
2	55190 Point RD CAFE	9/25		DW			X	
3	55192 Point RD CLASS	9/25		DW			X	

*Per Carson Brockway, requested to report Bacti sample of a separate work order. Refer to A9I3025, on 9/26/19

Requisitioned by (Signature and Printed Name) **Carson Brockway** Company **BCCSD** Date **9/25** Time **16:18** Received by (Signature and Printed Name) **David S Dorman** Company **SCC**

Reinquisitioned by (Signature and Printed Name) **David S Dorman** Company **SCC** Date **9/25** Time **10:25** Payment Received at Delivery: _____

Shipping Method: ANTRAC Blue UPS GSO WALK-IN FED EX Courier: _____

Cooling Method: None

Amount: _____ PIA#: _____ Check: _____ Init: _____

Payment for services rendered and associated charges are due in full within 30 days from the date invoiced. If payment is not received, account balances are deemed delinquent. Delinquent balances are subject to monthly service charges and interest specified in BSK'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 BSK's terms and conditions for Laboratory services unless contractually bound otherwise. BSK's current terms and conditions can be found at www.bs&kassociates.com/BSKLabTermsConditions.pdf



Sample Integrity

BSK Bottles: Yes No Page 1 of 1

COC Info		Is temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 8^{\circ}\text{C}$			Are correct containers and preservatives received for the tests requested?		
		<u>Yes</u>	No	NA	<u>Yes</u> No NA		
		<u>Yes</u>	No	NA	Yes No <u>NA</u>		
		<u>Yes</u>	No		<u>Yes</u> No <u>NA</u>		
		<u>Yes</u>	No		<u>Yes</u> <u>No</u>		
		Yes	<u>No</u>	NA	Yes <u>No</u> NA		
		250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)			Checks	Passed?	
		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	
		<u>HNO_3 (P) Red Cap</u> or HCl (P) Purple Cap/Lt. Blue Label			—	—	
		H_2SO_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) 608/8081/8082, 625, 632/8321, 8151, 8270			—	—	
		HCl (AG) Lt. Blue Label O&G, Diesel, TCP			—	—	
		Ascorbic, EDTA, KH_2Ct (AG) Pink Label 525			—	—	
		Na_2SO_3 250mL (AG) Neon Green Label 515			—	—	
		$\text{Na}_2\text{S}_2\text{O}_3$ 1 Liter (Brown P) 549			—	—	
		$\text{Na}_2\text{S}_2\text{O}_3$ (AG) Blue Label 548, THM, 524			—	—	
		$\text{Na}_2\text{S}_2\text{O}_3$ (CG) Blue Label 504, 505, 547			—	—	
		$\text{Na}_2\text{S}_2\text{O}_3$ + MCAA (CG) Orange Label 531			pH < 3	P F	
		NH_4Cl (AG) Purple Label 552			—	—	
		EDA (AG) Brown Label DBPs			—	—	
		HCL (CG) 524.2, BTEX, Gas, MTBE, 8260/624			—	—	
		Buffer pH 4 (CG)			—	—	
		H_3PO_4 (CG) Salmon Label			—	—	
		Trizma - EPA 537.1			—	—	
		Other:					
		Asbestos 1L (P) w/ Foil / LL Metals Bottle			—	—	
		Bottled Water			—	—	
		Clear Glass 125mL / 250mL / 500mL / 1 Liter			—	—	
		Solids: Brass / Steel / Plastic Bag			—	—	
Split		Container	Preservative	Date/Time/Initials	Container	Preservative	Date/Time/Initials
	S P				S P		
	S P				S P		
Comments	Initial & Time Labeled by: <u>VCH 17:06</u> Labels Checked by: <u>[Signature]</u>				✓ Indicates Blanks Received 504 ___ 524.2 ___ TCP ___ TTHM ___ 537 ___ 8260/624 ___		
					Scanned: <u>[Signature]</u>		