



BSK Associates Sacramento  
3140 Gold Camp Drive #160  
Rancho Cordova, CA 95670  
916.853.9293 (Main)  
916.853.9297 (FAX)

**SEJ0211**

**10/19/2021**

Invoice: SE03874

Anthony Ouellette  
H2O Urban Solutions, Inc.  
PO Box 551310  
South Lake Tahoe, CA 96155

**RE: Report for SEJ0211 Bacti-Grizzly Flats CSD Caldor Fire-2021**

Dear Anthony Ouellette,

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 10/12/2021. 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 2016 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 (916) 853-9293.

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

Sincerely,

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Jaime Lee LaFave, Project Manager

**Case Narrative**

Project and Report Details	Invoice Details
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<p><b>Client:</b> H2O Urban Solutions, Inc.  <b>Report To:</b> Anthony Ouellette  <b>Project #:</b> Bacteriological  <b>Received:</b> 10/12/2021 - 13:24  <b>Report Due:</b> 10/26/2021</p>	<p><b>Invoice To:</b> Grizzly Flats Community Services Distr  <b>Invoice Attn:</b> Jodi Lauther  <b>Project PO#:</b> -</p>
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**Sample Receipt Conditions**

<p><b>Cooler:</b> Default Cooler  <b>Temperature on Receipt °C:</b> 15.9</p>	<p>Containers Intact  COC/Labels Agree  Received On Blue Ice  Sample(s) arrived at lab on same day sampled.  Sample(s) were received in temperature range.  Initial receipt at BSK-SAC</p>
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**Data Qualifiers**

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

MC Notify Positive Notification: Tony Oullette of H2O Urban Solutions notified of positive Total Coliform result at 09:30 on 10/13/2021.  
MC.x Incubated for an additional 2 hours to confirm the absence of E. coli.

**Report Distribution**

Recipient(s)	Report Format	CC:
Anthony Ouellette	FINAL.RPT	scott@h2ourban.com



SEJ0211

Bacti-Grizzly Flats CSD Caldor Fire-2021

Bacteriological

### Certificate of Analysis

Sample ID: SEJ0211-01  
Sampled By: Anthony Ouellette  
Sample Description: 10300 Grizzly Flat Rd.

Sample Date - Time: 10/12/2021 - 11:02  
Matrix: Surface Water  
Sample Type: Routine

Field Data: Res. Cl =0.84 mg/L

### BSK Associates Sacramento Microbiology

Analyte	Method	Result	Units	Batch	Prepared	Analyzed	Qual
<b>Coliform, Presence/Absence by Colilert</b>							
E. Coli	SM 9223B	<b>Absent</b>	/100 mL	SEJ0037	10/12/21 17:35	10/13/21 11:39	
Total Coliform	SM 9223B	<b>Absent</b>	/100 mL	SEJ0037	10/12/21 17:35	10/13/21 11:39	

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.



SEJ0211

Bacti-Grizzly Flats CSD Caldor Fire-2021

Bacteriological

Certificate of Analysis

Sample ID: SEJ0211-02
Sampled By: Anthony Ouellette
Sample Description: 5106 Woodhaven Ct.

Sample Date - Time: 10/12/2021 - 11:15
Matrix: Surface Water
Sample Type: Routine

Field Data: Res. Cl =0.91 mg/L

BSK Associates Sacramento
Microbiology

Table with 8 columns: Analyte, Method, Result, Units, Batch, Prepared, Analyzed, Qual. Rows include E. Coli (Absent) and Total Coliform (Present).

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.



SEJ0211

Bacti-Grizzly Flats CSD Caldor Fire-2021

Bacteriological

Certificate of Analysis

Sample ID: SEJ0211-03
Sampled By: Anthony Ouellette
Sample Description: 4927 Creekside

Sample Date - Time: 10/12/2021 - 11:35
Matrix: Surface Water
Sample Type: Routine

Field Data: Res. Cl =0.46 mg/L

BSK Associates Sacramento
Microbiology

Table with 8 columns: Analyte, Method, Result, Units, Batch, Prepared, Analyzed, Qual. Rows include E. Coli and Total Coliform, both showing 'Absent' results.

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.



SEJ0211

Bacti-Grizzly Flats CSD Caldor Fire-2021

Bacteriological

Certificate of Analysis

Sample ID: SEJ0211-04
Sampled By: Anthony Ouellette
Sample Description: 5143 Evergreen

Sample Date - Time: 10/12/2021 - 11:52
Matrix: Surface Water
Sample Type: Routine

Field Data: Res. Cl =0.90 mg/L

BSK Associates Sacramento
Microbiology

Table with 8 columns: Analyte, Method, Result, Units, Batch, Prepared, Analyzed, Qual. Rows include Coliform, Presence/Absence by Colilert, E. Coli, and Total Coliform.

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.

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.

E. Coli

Total Coliform

**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	4021-018
State of Nevada	CA000792022-1	State of Oregon - NELAP	4021-018
EPA - UCMR4	CA00079	State of Washington	C997-21a

**Sacramento**

State of California - ELAP	2435
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**San Bernardino**

State of California - ELAP	2993	Los Angeles CSD	9254478
NELAP certified	4119-006	State of Oregon - NELAP	4119-006

**Vancouver**

NELAP certified	WA100008-014	State of Oregon - NELAP	WA100008-014
State of Washington	C824-21		





Fresno 1414 Stanislaus St., Fresno, CA 93706  
(559) 497-2888 - Fax (559) 497-2893

Sacramento 3140 Gold Camp Drive Suite 160, Rancho Cordova, CA 95670  
(916) 853-9293 - Fax (916) 853-9297

www.bskassociates.com

SE:10211 H2Our4957 10/12/2021



Blue Jay 10/21  
15.96  
10/21/21

Company/Client Name: **GRIZZLY FLATS CSD**  
 Report Attention: **ANTHONY OUELLETTE** Invoice To: **JOPH LAUTHER** Phone: **916-670-4070** Fax:  
 Additional cc's: **SCOTT MYER** PO#: **15.96** Thermometer ID: **10/21/21** E-mail: **ANTHONYOUELLETTE@GMAIL.COM**  
 E-mail: **SCOTT@H2OUR.COM**

Address: **4965 SCIARONI RD. GRIZZLY FLATS CA** State: **CA** Zip: **95635**  
 Project #: **15.96**  
 Reporting Options:  SWAMP  EDD Type:  Fresno Co.  Merced Co.  Sec Co.  SWRCB  Tulare Co.  
 Copies to:  Merced Co.  Sec Co.  SWRCB  Tulare Co.  
 Regulatory Sample: Yes  No  TAT\*  Standard - 10 Business Days  
 Rush (Surcharge) Date Needed: **10/13/21**

All drinking water bacteria samples will have verbal results available the morning of the second day. A written report will be provided in 7-10 business days. Other reporting arrangements can be made for an additional fee. All samples submitted for compliance with the total coliform rule must include a phone number to a live person, no answering machines or services.

IF SAMPLE IS COLIFORM POSITIVE CONTACT:  
 Name: **Anthony Ouellette**  
 1st Phone: **916-670-4070** 2nd Phone: **916-670-4070** Inlt. **916-670-4070**

#	Sample Description*	Sampled*		Fecal Total	Fecal Coli	Fecal Solids	HPC	Collet (1 X 10)	Quantity	Field Notes		Source					
		Date	Time							C12 Res	Turbidity	DW	WW	Solid	Surface Wtr	RTS WTR	Routine
1	10300 GRIZZLY FLAT RD.	10/12/21	11:07	X						0.84							
2	5106 WOODHAWK CT.	10/12/21	11:15	X						0.91							
3	4924 CREEKSIDE	10/12/21	11:35	X						0.46							
4	5143 FLETCREEK	10/12/21	11:52	X						0.90							

Notes / Comments

Relinquished by (Signature and Printed Name): **Anthony Ouellette**  
 Company: **490 Wreap Solutions**  
 Date: **10/21/21** Time: **1:24**  
 Received by (Signature and Printed Name): **Y. J. Brades**  
 Company: **BSK - SAC**

Received for Lab by (Signature and Printed Name): **BSK Bottle # 120mL Plastic Serial w/ NA<sub>2</sub>S<sub>2</sub>O<sub>8</sub>**

Shipping Method: **ONTRAC** UPS Paper **WALSH** FED EX **WALSH**  
 Packing Material: **Bubble Wrap** Condition of Sample: **Acceptable**  
 Cooling Method: **Wet** None Chilling Process Begun: **Y** Custody Seal: **Y/N**  
 Payment for services rendered on each collection date is due within 30 days from the date provided. If not so paid, BSK Associates is 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 for the Client's signature shall acknowledge that they are either the Client or an authorized agent for the Client. The Client agrees to be responsible for payment for the services at BSK's terms and conditions for laboratory services unless contractually shown otherwise. BSK's current terms and conditions can be found at www.bskassociates.com/BSKLabTermsConditions.pdf



# Sample Integrity

BSK Bottles: Yes No Page 1 of 1

COC Info		Yes	No	NA	Were correct containers and preservatives received for the tests requested?		Yes	No	NA
Was temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 8^{\circ}\text{C}$		<u>Yes</u>					<u>Yes</u>		
If samples were taken today, is there evidence that chilling has begun?		<u>Yes</u>			Bubbles Present VOAs (524.2/TTHM/TCP)?		<u>Yes</u>		<u>NA</u>
Did all bottles arrive unbroken and intact?		<u>Yes</u>			TB Received? (Check Method Below)		<u>Yes</u>		<u>NA</u>
Did all bottle labels agree with COC?		<u>Yes</u>			Was a sufficient amount of sample received?		<u>Yes</u>		<u>No</u>
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?		<u>Yes</u>		<u>NA</u>	Do samples have a hold time <72 hours?		<u>Yes</u>		<u>No</u>
					Was PM notified of discrepancies? PM: _____ By/Time: _____		<u>Yes</u>		<u>NA</u>
250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)		Checks*	Passed?		#1-4				
Bacti $\text{Na}_2\text{S}_2\text{O}_3$		—	—		4D				
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 <sub>3</sub> (P) Red Cap or HCl (P) Purple Cap/Lt. Blue Label		—	—						
H <sub>2</sub> SO <sub>4</sub> (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 <sub>2</sub> Ct (AG) Pink Label 525		—	—						
Na <sub>2</sub> SO <sub>3</sub> 250mL (AG) Neon Green Label 515		—	—						
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 1 Liter (Brown P) 549		—	—						
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (AG) Blue Label 548, THM, 524		—	—						
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (CG) Blue Label 504, 505, 547		—	—						
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA (CG) Orange Label 531		pH < 3	P F						
NH <sub>4</sub> Cl (AG) Purple Label 552		—	—						
EDA (P) or (AG) Brown Label DBPs		—	—						
HCL (CG) 524.2, BTEX, Gas, MTBE, 8260/624		—	—						
Buffer pH 4 (CG)		—	—						
H <sub>3</sub> PO <sub>4</sub> (CG) Salmon Label		—	—						
Trizma – EPA 537.1 - Field Blank Required									
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	*Preservation check completed by lab performing analysis.			✓ Indicates Blanks Received					
				504 ___ 524.2 ___ TTHM ___ 537.1 ___ TCP ___					
			✓ MS/MSD Received Method: _____						

Scanned: \_\_\_\_\_ Rush/Short HT Page: \_\_\_\_\_ Time: \_\_\_\_\_