

SEJ0109 10/12/2021

Invoice: SE03748

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

RE: Report for SEJ0109 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 10/6/2021. 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,

Jaime Lee LaFave, Project Manager





Case Narrative

Project and Report Details Invoice Details

Client: H2O Urban Solutions, Inc. Invoice To: H2O Urban Solutions, Inc.

Report To: Anthony Ouellette Invoice Attn: Jodi Lauther

Project #: Bacteriological Project PO#:
Received: 10/06/2021 - 12:49

Report Due: 10/20/2021

Sample Receipt Conditions

Cooler:Default CoolerContainers IntactTemperature on Receipt °C:17.8COC/Labels Agree

Received On Wet Ice

Sample(s) arrived at lab on same day sampled. Sample(s) were received in temperature range.

Initial receipt at BSK-SAC

Data Qualifiers

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

None applied

Report Distribution

Recipient(s) Report Format CC:

Anthony Ouellette FINAL.RPT scott@h2ourban.com





Bacti-Grizzly Flats CSD Caldor Fire-2021

Bacteriological

Certificate of Analysis

Sample ID: SEJ0109-01

Sampled By: Anthony Ouellette Sample Description: Clear Well

Sample Date - Time: 10/06/2021 - 09:50

Matrix: Surface Water

Sample Type: Routine

Analyte	Method	Result	Units	Batch	Prepared	Analyzed	Qual
Coliform, Presence/Absence by	Colilert						
E. Coli	SM 9223B	Absent	/100 mL	SEJ0019	10/06/21 17:37	10/07/21 12:00	
Total Coliform	SM 9223B	Absent	/100 mL	SEJ0019	10/06/21 17:37	10/07/21 12:00	





Bacti-Grizzly Flats CSD Caldor Fire-2021

Bacteriological

Certificate of Analysis

Sample ID: SEJ0109-02

Sample Date - Time: 10/06/2021 - 10:35

Sampled By: Anthony Ouellette

Matrix: Surface Water

Sample Description: Wildberry Ct. Fire Hydrant

Sample Type: Routine

Analyte	Method	Result	Units	Batch	Prepared	Analyzed	Qual
Coliform, Presence/Absence by	Colilert						
E. Coli	SM 9223B	Absent	/100 mL	SEJ0019	10/06/21 17:37	10/07/21 12:00	
Total Coliform	SM 9223B	Absent	/100 mL	SEJ0019	10/06/21 17:37	10/07/21 12:00	





Sampled By: Anthony Ouellette

Bacti-Grizzly Flats CSD Caldor Fire-2021

Bacteriological

Certificate of Analysis

Sample ID: SEJ0109-03 **Sample Date - Time:** 10/06/2021 - 10:49

Matrix: Surface Water

Sample Description: Wildrose/Blue Mt. Fire Hydrant

Sample Type: Routine

Analyte	Method	Result	Units	Batch	Prepared	Analyzed	Qual
Coliform, Presence/Absence	by Colilert						
E. Coli	SM 9223B	Absent	/100 mL	SEJ0019	10/06/21 17:37	10/07/21 12:00	
Total Coliform	SM 9223B	Absent	/100 mL	SEJ0019	10/06/21 17:37	10/07/21 12:00	





Sampled By: Anthony Ouellette

Bacti-Grizzly Flats CSD Caldor Fire-2021

Bacteriological

Certificate of Analysis

Sample ID: SEJ0109-04 **Sample Date - Time:** 10/06/2021 - 11:12

Matrix: Surface Water

Sample Description: Pine Ridge Dr./Pine Ridge Ct. Fire Hydrant

Sample Type: Routine

Analyte	Method	Result	Units	Batch	Prepared	Analyzed	Qual
Coliform, Presence/Abs	ence by Colilert						
E. Coli	SM 9223B	Absent	/100 mL	SEJ0019	10/06/21 17:37	10/07/21 12:00	
Total Coliform	SM 9223B	Absent	/100 mL	SEJ0019	10/06/21 17:37	10/07/21 12:00	





Bacti-Grizzly Flats CSD Caldor Fire-2021

Bacteriological

Certificate of Analysis

Sample ID: SEJ0109-05

Sample Date - Time: 10/06/2021 - 11:20

Sampled By: Anthony Ouellette

Matrix: Surface Water

Sample Description: Pioneer Ct. Fire Hydrant

Sample Type: Routine

Analyte	Method	Result	Units	Batch	Prepared	Analyzed	Qual
Coliform, Presence/Absence by	Colilert						
E. Coli	SM 9223B	Absent	/100 mL	SEJ0019	10/06/21 17:37	10/07/21 12:00	
Total Coliform	SM 9223B	Absent	/100 mL	SEJ0019	10/06/21 17:37	10/07/21 12:00	





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
- 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
- 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) None Detected below MRL/MDL CFU: Colony Forming Unit ND: Micrograms/Kilogram (ppb) pCi/L: PicoCuries per Liter Absent: Less than 1 CFU/100mLs μg/Kg:

RL Mult: 1 or more CFU/100mLs Percent RI Multiplier Present: NR: Non-Reportable MCL: Maximum Contaminant Limit The analyte was not detected at or

above the reported sample quantitation

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.

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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

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

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

SEJ0109 H2Our4957 10/06/2021

Required Fields State Attention Aut Though Out Electric Tree Invoice To** Temp. Thermometer ID: #State Attention** Aut Though Out Electric Tree Invoice To** To I the THE IS Phone** State Attention** State Attention** And Though Out Electric Tree Invoice To** To I the THE IS Phone** State Attention** State Attention** And Though Out Electric Tree Invoice To** To I the THE IS Phone** State Attention** State Attention** And Though Out Electric Tree Invoice To** To I the THE IS Phone** State Attention** And Though Out Electric Tree Invoice To** To I the Though Out Electric Tree Phone** State Attention** And Though Out Electric Tree Invoice To** The Theorem Attention** State Attention** And Though Out Electric Tree Invoice To** The Theorem Attention** State Attention** And Though Out Electric Tree Invoice To** The Theorem Attention** State Attention** And Though Out Electric Tree Invoice To** The Theorem Attention** State Attention** And Theorem Attention** And Theor	Separate Control of Colors			www.bskassociates.com	L.	
**Required Fields Temp: 178 Thermometer ID: 45 Phone: 91-4040 Thermometer ID: 45 Phone: 91-4040 Phone: 91-4040 SCOTT MYERS	SSOCIATES	Sacramento	3140 Gold Camp Drive Suite 160, Rancho Cordova (916) 853-9293 · Fax (916) 853-9297	1, CA 95670		
Report Attention": ALTHONY OLELLETTE Invoice TO: JOU LALTHE (2 Phone: 916-6-40-40-40		*Required Fields	Temp:	17.8°C Thermometer ID: 48		
	ompany/Client Name*:		Report Attention" ANTHONY OWELLETTE SCOTT MYER?	Invoice To: JEU 1 444THE(2	Phone: 91-6-40-40	Fax*;

Company/Client Name*:	Report Attention: ALTHOWY OLIELLE THE SCOTT ANYERS	NY OLLELIE PTE NYER J		Invoice TO: JEU 1 CALTHE (2		hone": 9/1	Phone: 9166 40-4040		-ax						
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pa np	the morning of the second day. A must include a phone number to	written report will be pr a live person, no answe	ovided in 7-10 aring machine	business days, Other reporting a s or services.	arrangements o	an be made f	or an additional	•		Rush (Surcharge) Date Needed	rcharge	10/2			
IF SAMPLE IS COLIFORM POSITIVE CONTACT. Name: ALL THOMY OLD CLETTE 151 Phone 911 L 20 Y 0 210 2nd Phone	Lab Use Only Contact: Date:	<u>.</u>	Total	F-Coli Total Fecal Fecal Class A Class B Class B	10H ST (01 X 1)	100	Field Notes		Source			-	Type		
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Sample Integrity

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e be	NaOH	(P) Green Cap			CI, pH >10	Р	F						
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either either	HCI (A	G)Lt. Blue Label O8	&G, Diesel, TCP		_	-				/			
are	Ascorl	oic, EDTA, KH ₂ C	Ct (AG)Pink Label 52	25						/		100	
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