

SEI0389 10/01/2021

Invoice: SE03630

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

RE: Report for SEI0389 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 9/23/2021. 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: 9/23/2021 - 13:39

Sample Receipt Conditions

10/07/2021

Cooler:Default CoolerContainers IntactTemperature on Receipt °C: 17.9COC/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

Data Qualifiers

Report Due:

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

MC Notify Positive Notification: Anthony Ouellette of H2O Urban Solutions notified of positive Total Coliform result at 13:45 on

9-24-2021.

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





Bacteriological

Certificate of Analysis

Sample ID: SEI0389-01

Sampled By: Anthony Ouellette

Sample Description: Treatment Plant-Raw

Sample Date - Time: 09/23/2021 - 11:03

Matrix: Surface Water

Sample Type: Grab

Analyte	Method	Result	Units	Batch	Prepared	Analyzed	Qual
Coliform, Presence/Ab	sence by Colilert						
E. Coli	SM 9223B	Absent	/100 mL	SEI0070	09/23/21 17:14	09/24/21 13:20	MC.x
Total Coliform	SM 9223B	Present	/100 mL	SEI0070	09/23/21 17:14	09/24/21 13:20	MC Notify





Bacteriological

Certificate of Analysis

Sample ID: SEI0389-02

Sampled By: Anthony Ouellette

Sample Description: (N) 5971 Wild Berry Ct

Sample Date - Time: 09/23/2021 - 12:05

Matrix: Surface Water

Sample Type: Grab

Analyte	Method	Result	Units	Batch	Prepared	Analyzed	Qual
Coliform, Presence/Absence	by Colilert						
E. Coli	SM 9223B	Absent	/100 mL	SEI0070	09/23/21 17:14	09/24/21 11:30	
Total Coliform	SM 9223B	Absent	/100 mL	SEI0070	09/23/21 17:14	09/24/21 11:30	





Bacteriological

Certificate of Analysis

Sample ID: SEI0389-03

Sampled By: Anthony Ouellette

Sample Description: (M) 5779 Wild Rose

Sample Date - Time: 09/23/2021 - 12:15

Matrix: Surface Water

Sample Type: Grab

Analyte	Method	Result	Units	Batch	Prepared	Analyzed	Qual
Coliform, Presence/Absence by	Colilert						
E. Coli	SM 9223B	Absent	/100 mL	SEI0070	09/23/21 17:14	09/24/21 11:30	
Total Coliform	SM 9223B	Absent	/100 mL	SEI0070	09/23/21 17:14	09/24/21 11:30	





Bacteriological

Certificate of Analysis

Sample ID: SEI0389-04

Sampled By: Anthony Ouellette
Sample Description: (L) 5168 Pineridge

Sample Date - Time: 09/23/2021 - 12:25

Matrix: Surface Water

Sample Type: Grab

Analyte	Method	Result	Units	Batch	Prepared	Analyzed	Qual
Coliform, Presence/Absence	by Colilert						
E. Coli	SM 9223B	Absent	/100 mL	SEI0070	09/23/21 17:14	09/24/21 11:30	
Total Coliform	SM 9223B	Absent	/100 mL	SEI0070	09/23/21 17:14	09/24/21 11:30	





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 C824-20a

Fresno	Sacramento
	ASSOCIATES

1414 Stanislaus St., Fresno, CA 93706 (559) 497-2888 · Fax (559) 497-2893 3140 Gold Camp Drive Suite 160, Rancho Cordova, CA 95670 (916) 853-9293 · Fax (916) 853-9297

www.bskassociates.com

	Phone: 916-670-40 90 Fax:	E-mail: anthor @ 120 W1 621.10M	WaterTrax ID#	SWRCB Tulare Co.	No TAT* Standard - 10 Business Days	or an additional Rush (Surcharge) Date Needed	Field Notes Source Type	COTher Colid Solid	λ	×	V	×				Coppering Section of the Section of	Company	BSK Bottly = 120mL Plastic Serial w/ NA ₅ S ₂ O ₃	/ Cash / Card	Cooling Method: Wet Blue None Chilling Process Begun: (Y) COSTEGO Seal: Y/A Date: Date: Date: International Service of the Control of the Control of the Cost of t
	Phone: 9,	E-mail*: Q	EDD Type:	Sac Co.	Yes	its can be made	Λι	Suantitra 2								gas	6	BSK Bottle	Check	s current Standard Tr
Thermometer ID: 49			Reporting Options SwamP EDD	Copies to: Fresha Co	Regulatory Sample*:	A written report will be provided in 7-10 business days. Other reporting arrangements can be made for an additional of a live person, no answering machines or services.	Lecsi Lecs	Fecal Foolige HPC Collect								Received by (Signature and Propertions)	DF (Signature and Printed Name)	Container(s) Received: Other =	Payment Received at Delivery:	withly service charges and interest specifies in 35K surplines to habbraicey services orders contractually
17.9%	Invoice To*:	#Od	95635			ovided in 7-10 busing machines or se	Total Fecal Fecal Total	PA 1x10	×	`×	x	×				3	Received			Date:
Temp:			Zpz.	¥			n iv Init.	Sampled* Date Time P		7/23/21 1205	9/23/21/12/15	1/23/21 12/25/				Date Time	Date Uni	Date Time	FED EX Counter.	Custody Seal: Y/N i balancies are deemed delination! Delinationer laborate forecast, on this Chan of Guistody, and agrees in
	Report Attention*:	Additional cc's:	State: State:			e the morning of the sec ile must include a phone	Lab Use Only Contact: Date: Time:		in	'ci							Company	(GSO (WALK-IN) Other Condi	Chilling Process Begun: (Y) In the date invoiced. If not so paid. Sector it agrees to be responsible for payment for
"Required Fields	Company/Client Name:		4705 9 (11412 DINY:	914-6 For 40 Fo	Sampler Name (Printed / Signature):	All drinking water bacteria samples will have verbal results available the moming of the second day fiee. All samples submitted for compliance with the total coliform rule must include a phone number	IF SAMPLE IS COLIFORM POSITIVE CONTACT* Name: 2nd Phone:	Sample Description*	TREAT MENT PANT-RAW	N) 5971 WILD BERRY	4) 5779 WILDRONE	L) SILY PINCTRIPLE			omments	Relinguished by Assignature and Printed Name)	hed by (Signature and Printed Name)	Roceived for Lab by (Signature and Printed Name)	ONTRAC UPS Bubble Wrap Paper	Cooling Method: Wet, Elus None Chilling Payment to services resolved as rather Section to date to the we due in full when its days from the date that the title of the child have the Client agrees to
	Compan	9	Address*:	Project.	Sampler	All drinkir fee. All s.	IF SAMPL Name: 1st Phone:	#		7	2	3	_		Notes / Comments	Relinguish	-Xeinque	Received for	Shipping Method: Packing Material:	Cooling Payment for

SR FL-0006-07

Sample Integrity



BS	K Bottles: Yes No Page	e (of		\ .			3,200		
	Was temperature within range?	(Yes) No NA		correct conta			(Ves)	No NA	
0	Chemistry ≤ 6°C Micro < 8°C		receiv	ed for the tes	_				
COC Info	If samples were taken today, is there evidence that chilling has begun?	No NA		es Present Veceived? (Che)? Yes No (IA Yes No (NA			
ပ	Did all bottles arrive unbroken and intact?	Ces No		sufficient an			d? (Fes) No		
ဗ	Did all bottle labels agree with COC?	(es) No		mples have a			(Yes) No		
	Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes (NA)	Was F	PM notified of	discrepand By/Time:	ies?	Yes	No(NA)	
	250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)	Checks*	Passed?	#1	1 H2	#3	thep		
	Bacti Na ₂ S ₂ O ₃			1/0	D	15	107		
	None (P)White Cap	=	_	10	122	10	10		
	Cr6 (P) Lt. Green Label/Blue Cap NH4OH(NH4)2SO4 DW	Cl, pH > 8	P F						
qe	Cr6 (P) Pink Label/Blue Cap NH40H(NH4)2SO4 WW	pH 9.3-9.7	P F						
in the lab	Cr6 (P) Black Label/Blue Cap NH4OH(NH4)2SO4 7199	pH 9.0-9.5	P F						
	HNO ₃ (P) Red Cap or HCI (P) Purple Cap/Lt. Blue Label	_	_						
foru	H ₂ SO ₄ (P) or (AG) Yellow Cap/Label	pH < 2	P F				\$11 P 91		
are performed	NaOH (P) Green Cap	CI, pH >10	P F						
	NaOH + ZnAc (P)	pH > 9	P F					En	
N/A or	Dissolved Oxygen 300ml (g)	_	s <u>—</u>					59232	
	None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270								
ived	HCI (AG)Lt. Blue Label O&G, Diesel, TCP	_							
Bottles Received	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	NEW CHE	1.A.						
Bot	Na ₂ S ₂ O ₃ (AG) ^{Blue Label} 548, THM, 524	_	_						
_ 0	Na ₂ S ₂ O ₃ (CG) ^{Blue Label} 504, 505, 547								
Bc	Na ₂ S ₂ O ₃ + MCAA (CG) ^{Orange Label} 531	pH < 3	P F	8					
2	NH ₄ Cl (AG) ^{Purple Label} 552		-						
res	EDA (P) or (AG) Brown Label DBPs	_	1.—						
Sus	HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624					142			
me	Buffer pH 4 (CG)	-							
9	H ₃ PO ₄ (CG) ^{Salmon Label}							icula is	
	Trizma – EPA 537.1 - Field Blank Required Other:					S 40 48 5 70	4/200	Emilia Nui	
	Asbestos 1L (P) w/ Foil / LL Metals Bottle							Cararagal	
	Bottled Water								
	Clear Glass 125mL / 250mL / 500mL / 1 Liter	_							
	Solids: Brass / Steel / Plastic Bag								
≝	The second secon	e/Time/Initials	SP	Contair	ner Pre	servative	Date/Tim	ne/Initials	
Split	S P		SP	-					
	*Preservation check completed by lab perform	ning analysis.	J /	Indicates	Blanks Re	ceived			
ants			504	524.2		1 537.	1 TCI	0	
Comments				MS/MSD F					

Scanned: _____Time: ____Time: ____