BSK Associates Laboratory Fresno
687 N. Laverne Avenue
Fresno, CA 93727
559-497-2888 (Main)

AHD3253
5/22/2024
Invoice: AH10870

Ray Tackaberry
Adobe Springs Water
50 N. Salado Avenue, Unit 1417
Patterson, CA 95363

RE: Report for AHD3253 Title 21

Dear Ray Tackaberry,

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 4/23/2024. 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.

If additional clarification of any information is required, please contact your Project Manager, Sarah K. Guenther , at 559-497-2888.

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

Sincerely,

Sarah K. Guenther, Senior Project Manager

Accredited in Accordance with NELAP
ORELAP #4021

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.

Case Narrative

Project and Report Details		Invoice Details	
Client:	Adobe Springs Water	**Invoice To:**	Adobe Springs Water
Report To:	Ray Tackaberry	**Invoice Attn:**	Ray Tackaberry
Project #:	Title 21	**Project PO#:**	-
Received:	4/23/2024 - 12:00		
Report Due:	5/07/2024		

Sample Receipt Conditions

Cooler: Default Cooler
Temperature on Receipt ºC: 7.5

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-FAL

Detailed Narrative

Chain of Custody Notes

Date: 04/24/2024
Initials: SKG
Note: EPA 524 analysis cancelled due to the presence of large air bubbles in all the sample VOAs.

Data Qualifiers

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

BS	Blank spike recoveries did not meet acceptance limits.
BS1.0	Blank spike recovery for this analyte was above upper control limit; no material impact on reported result as sample is ND for this parameter.
MS1.0	Matrix spike recoveries exceed control limits.
MS1.2	Matrix spike recovery exceeds lower control limit. Reported results for parent matrix should be considered estimated due to matrix interferences.
MS1.4	Matrix spike recovery data unreliable due to significant parent sample concentration relative to fortification level (>4x).

Certificate of Analysis

Sample ID: AHD3253-01
Sampled By: Ray Tackaberry
Sample Description: Spring Water

Sample Date - Time: 04/23/2024 - 08:00
Matrix: Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Alkalinity as CaCO3	SM 2320B	**400**	3.0	mg/L	1	AHD1796	04/29/24	04/29/24	
Bicarbonate as CaCO3	SM 2320B	**380**	3.0	mg/L	1	AHD1796	04/29/24	04/29/24	
Carbonate as CaCO3	SM 2320B	**22**	3.0	mg/L	1	AHD1796	04/29/24	04/29/24	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AHD1796	04/29/24	04/29/24	
Bromate	EPA 317.0	ND	1.0	ug/L	1	AHD1809	04/30/24	04/30/24	
Bromide	EPA 300.0	**0.023**	0.010	mg/L	1	AHD1729	04/26/24	04/26/24	
Dichloramine (1)	SM 4500-Cl F	ND	0.10	mg/L	1	AHD1473	04/23/24 16:57	04/23/24	
Monochloramine (1)	SM 4500-Cl F	ND	0.10	mg/L	1	AHD1473	04/23/24 16:57	04/23/24	
Chloride	EPA 300.0	**7.2**	1.0	mg/L	1	AHD1470	04/23/24	04/23/24	
Chlorine, Free Residual (1)	SM 4500-Cl F	ND	0.10	mg/L	1	AHD1473	04/23/24 16:57	04/23/24	
Chlorine, Total Residual (1)	SM 4500-Cl F	ND	0.10	mg/L	1	AHD1473	04/23/24 16:57	04/23/24	
Chlorite	EPA 300.1	ND	0.0050	mg/L	1	AHD1805	04/30/24	04/30/24	
Surrogate: Dichloroacetate	EPA 300.1	102 %	*Acceptable range: 90-115 %*						
Color, Apparent	SM 2120B	ND	5.0	CU	1	AHD1501	04/23/24 18:07	04/23/24	
Color pH (1)	SM 4500-H+ B	**8.7**		pH Units	1	AHD1501	04/23/24	04/23/24	
Cyanide (total)	SM 4500-CN E	ND	5.0	ug/L	1	AHD1724	04/26/24	04/26/24	
Conductivity @ 25C	SM 2510B	**730**	1.0	umhos/cm	1	AHD1796	04/29/24	04/29/24	
Fluoride	EPA 300.0	ND	0.10	mg/L	1	AHD1470	04/23/24	04/23/24	
Langelier Index	SM 2330B	**0.095**				AHE0013	05/01/24	05/01/24	
MBAS, Calculated as LAS, mol wt 340	SM 5540C	ND	0.050	mg/L	1	AHD1500	04/23/24 18:51	04/24/24	
Nitrate + Nitrite as N	EPA 300.0	**0.54**	0.23	mg/L	1	AHD1470	04/23/24 17:44	04/23/24	
Nitrate as N	EPA 300.0	**0.54**	0.23	mg/L	1	AHD1470	04/23/24 17:44	04/23/24	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	AHD1470	04/23/24 17:44	04/23/24	
Threshold Odor	SM 2150B	ND	1.0	T.O.N.	1	AHD1498	04/23/24 17:45	04/23/24	
pH (1)	SM 4500-H+ B	**8.3**	0.0	pH Units	1	AHD1796	04/29/24 19:21	04/29/24	
pH Temperature in °C		**18.4**							
Sulfate as SO4	EPA 300.0	**36**	1.0	mg/L	1	AHD1470	04/23/24	04/23/24	
Total Dissolved Solids	SM 2540C	**470**	5.0	mg/L	1	AHD1552	04/24/24	04/24/24	
Turbidity	SM 2130B	**0.13**	0.10	NTU	1	AHD1501	04/23/24 18:21	04/23/24	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aluminum	EPA 200.7	ND	50	ug/L	1	AHD1657	04/25/24	04/29/24	
Antimony	EPA 200.8	ND	2.0	ug/L	1	AHD1657	04/25/24	05/01/24	
Arsenic	EPA 200.8	ND	2.0	ug/L	1	AHD1657	04/25/24	05/01/24	
Barium	EPA 200.7	ND	50	ug/L	1	AHD1657	04/25/24	04/29/24	
Beryllium	EPA 200.8	ND	1.0	ug/L	1	AHD1657	04/25/24	05/01/24	
Cadmium	EPA 200.8	ND	1.0	ug/L	1	AHD1657	04/25/24	05/01/24	
Calcium	EPA 200.7	**6.8**	0.10	mg/L	1	AHD1657	04/25/24	04/29/24	
Chromium	EPA 200.8	ND	10	ug/L	1	AHD1657	04/25/24	05/01/24	
Copper	EPA 200.8	ND	5.0	ug/L	1	AHD1657	04/25/24	05/01/24	
Iron	EPA 200.7	ND	30	ug/L	1	AHD1657	04/25/24	04/29/24	

Certificate of Analysis

Sample ID: AHD3253-01
Sampled By: Ray Tackaberry
Sample Description: Spring Water

Sample Date - Time: 04/23/2024 - 08:00
Matrix: Water
Sample Type: Grab

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	ND	1.0	ug/L	1	AHD1657	04/25/24	05/01/24	
Magnesium	EPA 200.7	**97**	0.10	mg/L	1	AHD1657	04/25/24	04/29/24	MS1.4
Manganese	EPA 200.7	ND	10	ug/L	1	AHD1657	04/25/24	04/29/24	
Nickel	EPA 200.8	ND	10	ug/L	1	AHD1657	04/25/24	05/01/24	
Potassium	EPA 200.7	ND	2.0	mg/L	1	AHD1657	04/25/24	04/29/24	
Selenium	EPA 200.8	ND	2.0	ug/L	1	AHD1657	04/25/24	05/02/24	
Silver	EPA 200.8	ND	10	ug/L	1	AHD1657	04/25/24	05/01/24	
Sodium	EPA 200.7	**9.7**	1.0	mg/L	1	AHD1657	04/25/24	04/29/24	
Thallium	EPA 200.8	ND	1.0	ug/L	1	AHD1657	04/25/24	05/01/24	
Hardness as CaCO3	SM 2340B	**420**	0.41	mg/L					
Uranium	EPA 200.8	ND	1.0	ug/L	1	AHD1657	04/25/24	05/01/24	
Zinc	EPA 200.8	ND	50	ug/L	1	AHD1657	04/25/24	05/01/24	

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
EDB and DBCP by GC-ECD									
Ethylene Dibromide (EDB)	EPA 504.1	ND	0.020	ug/L	1	AHD1779	04/29/24	04/29/24	
Dibromochloropropane (DBCP)	EPA 504.1	ND	0.010	ug/L	1	AHD1779	04/29/24	04/29/24	
Surrogate: 1-Br-2-Nitrobenzene	EPA 504.1	96 %	*Acceptable range: 70-130 %*						
Organohalide Pesticides and PCBs by GC-ECD									
Aldrin	EPA 505	ND	0.075	ug/L	1	AHD1779	04/29/24	04/29/24	
Chlordane (Technical)	EPA 505	ND	0.10	ug/L	1	AHD1779	04/29/24	04/29/24	
Dieldrin	EPA 505	ND	0.020	ug/L	1	AHD1779	04/29/24	04/29/24	
Endrin	EPA 505	ND	0.10	ug/L	1	AHD1779	04/29/24	04/29/24	
Heptachlor	EPA 505	ND	0.010	ug/L	1	AHD1779	04/29/24	04/29/24	
Heptachlor Epoxide	EPA 505	ND	0.010	ug/L	1	AHD1779	04/29/24	04/29/24	
Hexachlorobenzene	EPA 505	ND	0.50	ug/L	1	AHD1779	04/29/24	04/29/24	
Hexachlorocyclopentadiene	EPA 505	ND	1.0	ug/L	1	AHD1779	04/29/24	04/29/24	
Lindane	EPA 505	ND	0.20	ug/L	1	AHD1779	04/29/24	04/29/24	
Methoxychlor	EPA 505	ND	10	ug/L	1	AHD1779	04/29/24	04/29/24	
PCB Aroclor Screen	EPA 505	ND	0.50	ug/L	1	AHD1779	04/29/24	04/29/24	
Toxaphene	EPA 505	ND	1.0	ug/L	1	AHD1779	04/29/24	04/29/24	
Surrogate: 1-Br-2-Nitrobenzene	EPA 505	96 %	*Acceptable range: 70-130 %*						
Chlorinated Acid Herbicides by GC-ECD									
2,4,5-T	EPA 515.4	ND	1.0	ug/L	1	AHD1614	04/25/24	04/25/24	
2,4,5-TP (Silvex)	EPA 515.4	ND	1.0	ug/L	1	AHD1614	04/25/24	04/25/24	
2,4-D	EPA 515.4	ND	10	ug/L	1	AHD1614	04/25/24	04/25/24	
Bentazon	EPA 515.4	ND	2.0	ug/L	1	AHD1614	04/25/24	04/25/24	
Dalapon	EPA 515.4	ND	10	ug/L	1	AHD1614	04/25/24	04/25/24	
Dicamba	EPA 515.4	ND	1.5	ug/L	1	AHD1614	04/25/24	04/25/24	
Dinoseb	EPA 515.4	ND	2.0	ug/L	1	AHD1614	04/25/24	04/25/24	
Pentachlorophenol	EPA 515.4	ND	0.20	ug/L	1	AHD1614	04/25/24	04/25/24	
Picloram	EPA 515.4	ND	1.0	ug/L	1	AHD1614	04/25/24	04/25/24	

Certificate of Analysis

Sample ID: AHD3253-01
Sampled By: Ray Tackaberry
Sample Description: Spring Water

Sample Date - Time: 04/23/2024 - 08:00
Matrix: Water
Sample Type: Grab

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Surrogate: DCPAA	EPA 515.4	100 %	*Acceptable range: 70-130 %*						
Semi-Volatile Organics by GC-MS									
Alachlor	EPA 525.3	ND	1.0	ug/L	1	AHE0091	05/01/24	05/03/24	
Atrazine	EPA 525.3	ND	0.50	ug/L	1	AHE0091	05/01/24	05/03/24	
Benzo(a)pyrene	EPA 525.3	ND	0.10	ug/L	1	AHE0091	05/01/24	05/03/24	
Bis(2-ethylhexyl) adipate	EPA 525.3	ND	5.0	ug/L	1	AHE0091	05/01/24	05/03/24	
Bis(2-ethylhexyl) phthalate	EPA 525.3	ND	3.0	ug/L	1	AHE0091	05/01/24	05/03/24	
Bromacil	EPA 525.3	ND	10	ug/L	1	AHE0091	05/01/24	05/03/24	BS1.0
Butachlor	EPA 525.3	ND	0.38	ug/L	1	AHE0091	05/01/24	05/03/24	BS1.0
Diazinon	EPA 525.3	ND	0.25	ug/L	1	AHE0091	05/01/24	05/03/24	
Dimethoate	EPA 525.3	ND	10	ug/L	1	AHE0091	05/01/24	05/03/24	
Metolachlor	EPA 525.3	ND	0.50	ug/L	1	AHE0091	05/01/24	05/03/24	
Metribuzin	EPA 525.3	ND	0.50	ug/L	1	AHE0091	05/01/24	05/03/24	
Molinate	EPA 525.3	ND	2.0	ug/L	1	AHE0091	05/01/24	05/03/24	
Propachlor	EPA 525.3	ND	0.50	ug/L	1	AHE0091	05/01/24	05/03/24	
Simazine	EPA 525.3	ND	1.0	ug/L	1	AHE0091	05/01/24	05/03/24	
Thiobencarb	EPA 525.3	ND	1.0	ug/L	1	AHE0091	05/01/24	05/03/24	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	EPA 525.3	85 %	*Acceptable range: 70-130 %*						
Surrogate: Benzo(a)pyrene-d12	EPA 525.3	93 %	*Acceptable range: 70-130 %*						
Surrogate: Triphenyl Phosphate	EPA 525.3	104 %	*Acceptable range: 70-130 %*						
Glyphosate by HPLC									
Glyphosate	EPA 547	ND	25	ug/L	1	AHD1852	04/30/24	04/30/24	
Surrogate: AMPA	EPA 547	106 %	*Acceptable range: 70-130 %*						
Endothall by GC-MS									
Endothall	EPA 548.1	ND	45	ug/L	1	AHD1692	04/25/24	04/29/24	MS1.2
Diquat by HPLC									
Diquat	EPA 549.2	ND	4.0	ug/L	1	AHD1605	04/25/24	05/03/24	
Haloacetic Acids by GC-MS									
Dibromoacetic Acid (DBAA)	EPA 552.3	ND	1.0	ug/L	1	AHD1697	04/26/24	04/26/24	
Dichloroacetic Acid (DCAA)	EPA 552.3	ND	1.0	ug/L	1	AHD1697	04/26/24	04/26/24	
Monobromoacetic Acid (MBAA)	EPA 552.3	ND	1.0	ug/L	1	AHD1697	04/26/24	04/26/24	
Monochloroacetic Acid (MCAA)	EPA 552.3	ND	2.0	ug/L	1	AHD1697	04/26/24	04/26/24	
Trichloroacetic Acid (TCAA)	EPA 552.3	ND	1.0	ug/L	1	AHD1697	04/26/24	04/26/24	
Total Haloacetic Acids		ND	2.0	ug/L					
Surrogate: 2-Bromobutanoic Acid	EPA 552.3	97 %	*Acceptable range: 70-130 %*						

BSK Associates Laboratory Fresno

General Chemistry Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 300.0 - Quality Control											
Batch: AHD1470										Prepared: 4/23/2024	
Prep Method: Method Specific Preparation										Analyst: IDM	
Blank (AHD1470-BLK1)											
Fluoride	ND	0.10	mg/L							04/23/24	
Nitrate as N	ND	0.23	mg/L							04/23/24	
Chloride	ND	1.0	mg/L							04/23/24	
Nitrite as N	ND	0.050	mg/L							04/23/24	
Nitrate + Nitrite as N	ND	0.23	mg/L							04/23/24	
Sulfate as SO4	ND	1.0	mg/L							04/23/24	
Blank Spike (AHD1470-BS1)											
Fluoride	0.99	0.10	mg/L	1.0	ND	99	90-110			04/23/24	
Nitrate as N	23	0.23	mg/L	23	ND	100	90-110			04/23/24	
Chloride	99	1.0	mg/L	100	ND	99	90-110			04/23/24	
Nitrite as N	0.93	0.050	mg/L	1.0	ND	93	90-110			04/23/24	
Sulfate as SO4	100	1.0	mg/L	100	ND	100	90-110			04/23/24	
Matrix Spike (AHD1470-MS1), Source: AHD3403-01											
Fluoride	0.57	0.10	mg/L	0.50	ND	96	80-120			04/23/24	
Nitrate as N	17	0.23	mg/L	11	5.3	100	80-120			04/23/24	
Chloride	74	1.0	mg/L	50	24	99	80-120			04/23/24	
Nitrite as N	0.38	0.050	mg/L	0.50	ND	77	80-120			04/23/24	MS1.0 ***Low***
Sulfate as SO4	57	1.0	mg/L	50	7.2	100	80-120			04/23/24	
Matrix Spike (AHD1470-MS2), Source: AHD3418-02											
Fluoride	0.59	0.10	mg/L	0.50	ND	101	80-120			04/23/24	
Nitrate as N	16	0.23	mg/L	11	4.8	102	80-120			04/23/24	
Chloride	63	1.0	mg/L	50	13	100	80-120			04/23/24	
Nitrite as N	0.38	0.050	mg/L	0.50	ND	76	80-120			04/23/24	MS1.0 ***Low***
Sulfate as SO4	67	1.0	mg/L	50	16	102	80-120			04/23/24	
Matrix Spike Dup (AHD1470-MSD1), Source: AHD3403-01											
Fluoride	0.58	0.10	mg/L	0.50	ND	97	80-120	1	10	04/23/24	
Nitrate as N	17	0.23	mg/L	11	5.3	101	80-120	1	20	04/23/24	
Chloride	74	1.0	mg/L	50	24	100	80-120	1	20	04/23/24	
Nitrite as N	0.39	0.050	mg/L	0.50	ND	78	80-120	1	20	04/23/24	MS1.0 ***Low***
Sulfate as SO4	58	1.0	mg/L	50	7.2	101	80-120	1	20	04/23/24	
Matrix Spike Dup (AHD1470-MSD2), Source: AHD3418-02											
Fluoride	0.59	0.10	mg/L	0.50	ND	102	80-120	1	10	04/23/24	
Nitrate as N	16	0.23	mg/L	11	4.8	103	80-120	1	20	04/23/24	
Chloride	64	1.0	mg/L	50	13	101	80-120	1	20	04/23/24	
Nitrite as N	0.38	0.050	mg/L	0.50	ND	77	80-120	1	20	04/23/24	MS1.0 ***Low***
Sulfate as SO4	68	1.0	mg/L	50	16	103	80-120	1	20	04/23/24	

BSK Associates Laboratory Fresno

General Chemistry Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 300.0 - Quality Control											
Batch: AHD1729										Prepared: 4/26/2024	
Prep Method: Method Specific Preparation										Analyst: AAS	
Blank (AHD1729-BLK1)											
Bromide	ND	0.010	mg/L							04/26/24	
Blank Spike (AHD1729-BS1)											
Bromide	0.19	0.010	mg/L	0.20	ND	94	90-110			04/26/24	
Matrix Spike (AHD1729-MS1), Source: AHD3253-01											
Bromide	0.12	0.010	mg/L	0.10	0.023	97	80-120			04/26/24	
Matrix Spike Dup (AHD1729-MSD1), Source: AHD3253-01											
Bromide	0.12	0.010	mg/L	0.10	0.023	98	80-120	1	10	04/26/24	
EPA 300.1 - Quality Control											
Batch: AHD1805										Prepared: 4/29/2024	
Prep Method: Method Specific Preparation										Analyst: HHE	
Blank (AHD1805-BLK1)											
Chlorite	ND	0.0050	mg/L							04/29/24	
Surrogate: Dichloroacetate	*0.503*			*0.50*		*101*	*90-115*			04/29/24	
Blank Spike (AHD1805-BS1)											
Chlorite	0.21	0.0050	mg/L	0.20	ND	103	85-115			04/29/24	
Surrogate: Dichloroacetate	*0.473*			*0.50*		*95*	*90-115*			04/29/24	
Blank Spike Dup (AHD1805-BSD1)											
Chlorite	0.21	0.0050	mg/L	0.20	ND	103	85-115	0	10	04/29/24	
Surrogate: Dichloroacetate	*0.519*			*0.50*		*104*	*90-115*			04/29/24	
Matrix Spike (AHD1805-MS1), Source: AHD3396-01											
Chlorite	0.10	0.0050	mg/L	0.10	ND	102	75-125			04/29/24	
Surrogate: Dichloroacetate	*0.502*			*0.50*		*100*	*90-115*			04/29/24	
Matrix Spike Dup (AHD1805-MSD1), Source: AHD3396-01											
Chlorite	0.098	0.0050	mg/L	0.10	ND	98	75-125	5	10	04/29/24	
Surrogate: Dichloroacetate	*0.512*			*0.50*		*102*	*90-115*			04/29/24	
EPA 317.0 - Quality Control											
Batch: AHD1809										Prepared: 4/30/2024	
Prep Method: Method Specific Preparation										Analyst: HHE	
Blank (AHD1809-BLK1)											
Bromate	ND	1.0	ug/L							04/30/24	
Blank Spike (AHD1809-BS1)											
Bromate	11	1.0	ug/L	10	ND	105	85-115			04/30/24	

BSK Associates Laboratory Fresno

General Chemistry Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 317.0 - Quality Control											
Batch: AHD1809										Prepared: 4/30/2024	
Prep Method: Method Specific Preparation										Analyst: HHE	
Blank Spike Dup (AHD1809-BSD1)											
Bromate	10	1.0	ug/L	10	ND	103	85-115	2	10	04/30/24	
Matrix Spike (AHD1809-MS1), Source: AHD3351-01											
Bromate	9.8	1.0	ug/L	10	ND	98	75-125			04/30/24	
Matrix Spike Dup (AHD1809-MSD1), Source: AHD3351-01											
Bromate	9.7	1.0	ug/L	10	ND	97	75-125	1	10	04/30/24	
SM 2120B - Quality Control											
Batch: AHD1501										Prepared: 4/23/2024	
Prep Method: Method Specific Preparation										Analyst: KPD	
Blank (AHD1501-BLK1)											
Color, Apparent	ND	5.0	CU							04/23/24	
Duplicate (AHD1501-DUP1), Source: AHD3343-01											
Color, Apparent	ND	5.0	CU		ND				20	04/23/24	
SM 2130B - Quality Control											
Batch: AHD1501										Prepared: 4/23/2024	
Prep Method: Method Specific Preparation										Analyst: KPD	
Blank (AHD1501-BLK1)											
Turbidity	ND	0.10	NTU							04/23/24	
Duplicate (AHD1501-DUP1), Source: AHD3343-01											
Turbidity	4.8	0.10	NTU		5.1			6	20	04/23/24	
SM 2150B - Quality Control											
Batch: AHD1498										Prepared: 4/23/2024	
Prep Method: Method Specific Preparation										Analyst: KPD	
Blank (AHD1498-BLK1)											
Threshold Odor	ND	1.0	T.O.N.							04/23/24	
Blank (AHD1498-BLK2)											
Threshold Odor	ND	1.0	T.O.N.							04/23/24	
SM 2320B - Quality Control											
Batch: AHD1796										Prepared: 4/29/2024	
Prep Method: Method Specific Preparation										Analyst: IDM	
Blank (AHD1796-BLK1)											
Alkalinity as CaCO3	ND	3.0	mg/L							04/29/24	

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Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
SM 2320B - Quality Control											
Batch: AHD1796										Prepared: 4/29/2024	
Prep Method: Method Specific Preparation										Analyst: IDM	
Blank (AHD1796-BLK1)											
Bicarbonate as CaCO3	ND	3.0	mg/L							04/29/24	
Carbonate as CaCO3	ND	3.0	mg/L							04/29/24	
Hydroxide as CaCO3	ND	3.0	mg/L							04/29/24	
Blank Spike (AHD1796-BS1)											
Alkalinity as CaCO3	100	3.0	mg/L	100	ND	101	80-120			04/29/24	
Blank Spike Dup (AHD1796-BSD1)											
Alkalinity as CaCO3	100	3.0	mg/L	100	ND	100	80-120	1	20	04/29/24	
Duplicate (AHD1796-DUP1), Source: AHD3490-05											
Alkalinity as CaCO3	430	3.0	mg/L		430			1	10	04/29/24	
Bicarbonate as CaCO3	430	3.0	mg/L		430			1	10	04/29/24	
Carbonate as CaCO3	ND	3.0	mg/L		ND				10	04/29/24	
Hydroxide as CaCO3	ND	3.0	mg/L		ND				10	04/29/24	
SM 2510B - Quality Control											
Batch: AHD1796										Prepared: 4/29/2024	
Prep Method: Method Specific Preparation										Analyst: IDM	
Blank (AHD1796-BLK1)											
Conductivity @ 25C	ND	1.0	umhos/cm							04/29/24	
Blank Spike (AHD1796-BS1)											
Conductivity @ 25C	1400	1.0	umhos/cm	1400	ND	100	90-110			04/29/24	
Blank Spike Dup (AHD1796-BSD1)											
Conductivity @ 25C	1400	1.0	umhos/cm	1400	ND	100	90-110	0	5	04/29/24	
Duplicate (AHD1796-DUP1), Source: AHD3490-05											
Conductivity @ 25C	1800	1.0	umhos/cm		1800			0	5	04/29/24	
SM 2540C - Quality Control											
Batch: AHD1552										Prepared: 4/24/2024	
Prep Method: Method Specific Preparation										Analyst: RRV	
Blank (AHD1552-BLK1)											
Total Dissolved Solids	ND	5.0	mg/L							04/24/24	
Blank Spike (AHD1552-BS1)											
Total Dissolved Solids	970		mg/L	1000		97	70-130			04/24/24	
Duplicate (AHD1552-DUP1), Source: AHD3428-01											
Total Dissolved Solids	950	5.0	mg/L		990			4	10	04/24/24	

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Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
SM 2540C - Quality Control											
Batch: AHD1552										Prepared: 4/24/2024	
Prep Method: Method Specific Preparation										Analyst: RRV	
Duplicate (AHD1552-DUP2), Source: AHD3352-02											
Total Dissolved Solids	750	5.0	mg/L		750			0	10	04/24/24	
SM 4500-Cl F - Quality Control											
Batch: AHD1473										Prepared: 4/23/2024	
Prep Method: Method Specific Preparation										Analyst: AAS	
Blank (AHD1473-BLK1)											
Chlorine, Free Residual (1)	ND	0.10	mg/L							04/23/24	
Dichloramine (1)	ND	0.10	mg/L							04/23/24	
Chlorine, Total Residual (1)	ND	0.10	mg/L							04/23/24	
Monochloramine (1)	ND	0.10	mg/L							04/23/24	
Blank Spike (AHD1473-BS1)											
Chlorine, Free Residual (1)	5.2	0.10	mg/L	5.0	ND	104	80-120			04/23/24	
Chlorine, Total Residual (1)	5.2	0.10	mg/L	5.0	ND	104	80-120			04/23/24	
Duplicate (AHD1473-DUP1), Source: AHD3186-01											
Chlorine, Free Residual (1)	ND	0.10	mg/L		ND				20	04/23/24	
Dichloramine (1)	ND	0.10	mg/L		ND				20	04/23/24	
Chlorine, Total Residual (1)	ND	0.10	mg/L		ND				20	04/23/24	
Monochloramine (1)	ND	0.10	mg/L		ND				20	04/23/24	
SM 4500-CN E - Quality Control											
Batch: AHD1724										Prepared: 4/26/2024	
Prep Method: SM 4500-CN C / EPA 9010C										Analyst: PXC	
Blank (AHD1724-BLK1)											
Cyanide (total)	ND	5.0	ug/L							04/26/24	
Blank Spike (AHD1724-BS1)											
Cyanide (total)	230	5.0	ug/L	250	ND	91	80-120			04/26/24	
Blank Spike Dup (AHD1724-BSD1)											
Cyanide (total)	230	5.0	ug/L	250	ND	90	80-120	1	20	04/26/24	
Matrix Spike (AHD1724-MS1), Source: AHD3057-01											
Cyanide (total)	220	5.0	ug/L	250	ND	88	80-120			04/26/24	
Matrix Spike Dup (AHD1724-MSD1), Source: AHD3057-01											
Cyanide (total)	230	5.0	ug/L	250	ND	91	80-120	4	20	04/26/24	
SM 4500-H+ B - Quality Control											
Batch: AHD1501										Prepared: 4/23/2024	
Prep Method: Method Specific Preparation										Analyst: KPD	

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Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
SM 4500-H+ B - Quality Control											
Batch: AHD1501										Prepared: 4/23/2024	
Prep Method: Method Specific Preparation										Analyst: KPD	
Duplicate (AHD1501-DUP1), Source: AHD3343-01											
Color pH (1)	6.80		pH Units		6.80			0		04/23/24	
SM 4500-H+ B - Quality Control											
Batch: AHD1796										Prepared: 4/29/2024	
Prep Method: Method Specific Preparation										Analyst: IDM	
Duplicate (AHD1796-DUP1), Source: AHD3490-05											
pH (1)	7.47	0.0	pH Units		7.52			1		04/29/24	
SM 5540C - Quality Control											
Batch: AHD1500										Prepared: 4/23/2024	
Prep Method: Method Specific Preparation										Analyst: PXC	
Blank (AHD1500-BLK1)											
MBAS, Calculated as LAS, mol wt 340	ND	0.050	mg/L							04/24/24	
Blank Spike (AHD1500-BS1)											
MBAS, Calculated as LAS, mol wt 340	0.86	0.050	mg/L	1.0	ND	86	82-112			04/24/24	
Blank Spike Dup (AHD1500-BSD1)											
MBAS, Calculated as LAS, mol wt 340	0.86	0.050	mg/L	1.0	ND	86	82-112	1	20	04/24/24	
Matrix Spike (AHD1500-MS1), Source: AHD3186-01											
MBAS, Calculated as LAS, mol wt 340	0.87	0.050	mg/L	1.0	ND	87	80-112			04/24/24	
Matrix Spike Dup (AHD1500-MSD1), Source: AHD3186-01											
MBAS, Calculated as LAS, mol wt 340	0.84	0.050	mg/L	1.0	ND	84	80-112	3	20	04/24/24	

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Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 200.7 - Quality Control											
Batch: AHD1657										Prepared: 4/25/2024	
Prep Method: EPA 200.2										Analyst: MDS	
Blank (AHD1657-BLK2)											
Aluminum	ND	50	ug/L							04/29/24	
Barium	ND	50	ug/L							04/29/24	
Calcium	ND	0.10	mg/L							04/29/24	
Iron	ND	30	ug/L							04/29/24	
Potassium	ND	2.0	mg/L							04/29/24	
Magnesium	ND	0.10	mg/L							04/29/24	
Manganese	ND	10	ug/L							04/29/24	
Sodium	ND	1.0	mg/L							04/29/24	
Blank Spike (AHD1657-BS2)											
Barium	220	50	ug/L	240	ND	91	85-115			04/29/24	
Calcium	4.5	0.10	mg/L	4.8	ND	93	85-115			04/29/24	
Iron	210	30	ug/L	240	ND	88	85-115			04/29/24	
Potassium	4.3	2.0	mg/L	4.8	ND	90	85-115			04/29/24	
Magnesium	4.4	0.10	mg/L	4.8	ND	91	85-115			04/29/24	
Manganese	210	10	ug/L	240	ND	88	85-115			04/29/24	
Blank Spike (AHD1657-BS3)											
Aluminum	240	50	ug/L	240	ND	102	85-115			05/01/24	
Sodium	4.2	1.0	mg/L	4.8	ND	88	85-115			05/01/24	
Blank Spike Dup (AHD1657-BSD2)											
Barium	240	50	ug/L	240	ND	100	85-115	9	20	04/29/24	
Calcium	4.7	0.10	mg/L	4.8	ND	98	85-115	5	20	04/29/24	
Iron	230	30	ug/L	240	ND	97	85-115	10	20	04/29/24	
Potassium	4.6	2.0	mg/L	4.8	ND	96	85-115	6	20	04/29/24	
Magnesium	4.8	0.10	mg/L	4.8	ND	99	85-115	9	20	04/29/24	
Manganese	230	10	ug/L	240	ND	96	85-115	8	20	04/29/24	
Blank Spike Dup (AHD1657-BSD3)											
Aluminum	230	50	ug/L	240	ND	95	85-115	7	20	04/29/24	
Sodium	4.3	1.0	mg/L	4.8	ND	90	85-115	3	20	04/29/24	
Matrix Spike (AHD1657-MS3), Source: AHD3189-02											
Aluminum	230	50	ug/L	240	ND	97	70-130			04/29/24	
Barium	250	50	ug/L	240	ND	104	70-130			04/29/24	
Calcium	14	0.10	mg/L	4.8	8.6	114	70-130			04/29/24	
Iron	280	30	ug/L	240	31	104	70-130			04/29/24	
Potassium	6.4	2.0	mg/L	4.8	ND	98	70-130			04/29/24	
Magnesium	19	0.10	mg/L	4.8	13	132	70-130			04/29/24	MS1.0 ***High***
Manganese	240	10	ug/L	240	ND	102	70-130			04/29/24	
Sodium	13	1.0	mg/L	4.8	7.5	108	70-130			04/29/24	
Matrix Spike (AHD1657-MS4), Source: AHD3253-01											

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Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 200.7 - Quality Control											
Batch: AHD1657										Prepared: 4/25/2024	
Prep Method: EPA 200.2										Analyst: MDS	
Matrix Spike (AHD1657-MS4), Source: AHD3253-01											
Aluminum	210	50	ug/L	240	ND	88	70-130			04/29/24	
Barium	250	50	ug/L	240	ND	102	70-130			04/29/24	
Calcium	11	0.10	mg/L	4.8	6.8	90	70-130			04/29/24	
Iron	230	30	ug/L	240	ND	94	70-130			04/29/24	
Potassium	5.2	2.0	mg/L	4.8	ND	108	70-130			04/29/24	
Magnesium	98	0.10	mg/L	4.8	97	10	70-130			04/29/24	MS1.0 ***Low***
Manganese	230	10	ug/L	240	ND	95	70-130			04/29/24	
Sodium	14	1.0	mg/L	4.8	9.7	90	70-130			04/29/24	
Matrix Spike Dup (AHD1657-MSD3), Source: AHD3189-02											
Aluminum	210	50	ug/L	240	ND	89	70-130	8	20	04/29/24	
Barium	240	50	ug/L	240	ND	99	70-130	5	20	04/29/24	
Calcium	13	0.10	mg/L	4.8	8.6	101	70-130	4	20	04/29/24	
Iron	270	30	ug/L	240	31	98	70-130	5	20	04/29/24	
Potassium	6.3	2.0	mg/L	4.8	ND	96	70-130	2	20	04/29/24	
Magnesium	18	0.10	mg/L	4.8	13	113	70-130	5	20	04/29/24	
Manganese	230	10	ug/L	240	ND	96	70-130	6	20	04/29/24	
Sodium	12	1.0	mg/L	4.8	7.5	103	70-130	2	20	04/29/24	
Matrix Spike Dup (AHD1657-MSD4), Source: AHD3253-01											
Aluminum	230	50	ug/L	240	ND	96	70-130	8	20	04/29/24	
Barium	250	50	ug/L	240	ND	105	70-130	3	20	04/29/24	
Calcium	12	0.10	mg/L	4.8	6.8	98	70-130	3	20	04/29/24	
Iron	230	30	ug/L	240	ND	96	70-130	2	20	04/29/24	
Potassium	5.2	2.0	mg/L	4.8	ND	109	70-130	1	20	04/29/24	
Magnesium	100	0.10	mg/L	4.8	97	87	70-130	4	20	04/29/24	
Manganese	230	10	ug/L	240	ND	96	70-130	1	20	04/29/24	
Sodium	14	1.0	mg/L	4.8	9.7	94	70-130	1	20	04/29/24	
EPA 200.8 - Quality Control											
Batch: AHD1657										Prepared: 4/25/2024	
Prep Method: EPA 200.2										Analyst: AHS	
Blank (AHD1657-BLK1)											
Beryllium	ND	1.0	ug/L							05/01/24	
Chromium	ND	10	ug/L							05/01/24	
Nickel	ND	10	ug/L							05/01/24	
Copper	ND	5.0	ug/L							05/01/24	
Zinc	ND	50	ug/L							05/01/24	
Arsenic	ND	2.0	ug/L							05/01/24	
Selenium	ND	2.0	ug/L							05/01/24	
Silver	ND	10	ug/L							05/01/24	
Cadmium	ND	1.0	ug/L							05/01/24	

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Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 200.8 - Quality Control											
Batch: AHD1657										Prepared: 4/25/2024	
Prep Method: EPA 200.2										Analyst: AHS	
Blank (AHD1657-BLK1)											
Antimony	ND	2.0	ug/L							05/01/24	
Thallium	ND	1.0	ug/L							05/01/24	
Lead	ND	1.0	ug/L							05/01/24	
Uranium	ND	1.0	ug/L							05/01/24	
Blank Spike (AHD1657-BS1)											
Beryllium	220	1.0	ug/L	240	ND	90	85-115			05/01/24	
Chromium	230	10	ug/L	240	ND	97	85-115			05/01/24	
Nickel	240	10	ug/L	240	ND	99	85-115			05/01/24	
Copper	230	5.0	ug/L	240	ND	97	85-115			05/01/24	
Zinc	200	50	ug/L	240	ND	85	85-115			05/01/24	
Arsenic	220	2.0	ug/L	240	ND	90	85-115			05/01/24	
Silver	120	10	ug/L	120	ND	97	75-125			05/01/24	
Cadmium	220	1.0	ug/L	240	ND	92	85-115			05/01/24	
Antimony	240	2.0	ug/L	240	ND	100	85-115			05/01/24	
Thallium	230	1.0	ug/L	240	ND	97	85-115			05/01/24	
Lead	230	1.0	ug/L	240	ND	97	85-115			05/01/24	
Uranium	250	1.0	ug/L	240	ND	102	85-115			05/01/24	
Blank Spike (AHD1657-BS4)											
Selenium	210	2.0	ug/L	240	ND	86	85-115			05/02/24	
Blank Spike Dup (AHD1657-BSD1)											
Beryllium	210	1.0	ug/L	240	ND	89	85-115	1	20	05/01/24	
Chromium	230	10	ug/L	240	ND	96	85-115	1	20	05/01/24	
Nickel	230	10	ug/L	240	ND	96	85-115	3	20	05/01/24	
Copper	230	5.0	ug/L	240	ND	95	85-115	2	20	05/01/24	
Zinc	210	50	ug/L	240	ND	86	85-115	1	20	05/01/24	
Arsenic	210	2.0	ug/L	240	ND	89	85-115	1	20	05/01/24	
Silver	120	10	ug/L	120	ND	97	75-125	1	20	05/01/24	
Cadmium	220	1.0	ug/L	240	ND	93	85-115	0	20	05/01/24	
Antimony	240	2.0	ug/L	240	ND	99	85-115	1	20	05/01/24	
Thallium	230	1.0	ug/L	240	ND	96	85-115	1	20	05/01/24	
Lead	230	1.0	ug/L	240	ND	96	85-115	0	20	05/01/24	
Uranium	250	1.0	ug/L	240	ND	103	85-115	1	20	05/01/24	
Blank Spike Dup (AHD1657-BSD4)											
Selenium	210	2.0	ug/L	240	ND	88	85-115	2	20	05/02/24	
Matrix Spike (AHD1657-MS1), Source: AHD3189-02											
Beryllium	210	1.0	ug/L	240	ND	89	70-130			05/01/24	
Chromium	230	10	ug/L	240	ND	95	70-130			05/01/24	
Nickel	230	10	ug/L	240	ND	95	70-130			05/01/24	

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Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 200.8 - Quality Control											
Batch: AHD1657										Prepared: 4/25/2024	
Prep Method: EPA 200.2										Analyst: AHS	
Matrix Spike (AHD1657-MS1), Source: AHD3189-02											
Copper	220	5.0	ug/L	240	ND	93	70-130			05/01/24	
Zinc	200	50	ug/L	240	ND	83	70-130			05/01/24	
Arsenic	210	2.0	ug/L	240	4.1	88	70-130			05/01/24	
Selenium	190	2.0	ug/L	240	ND	80	70-130			05/01/24	
Silver	110	10	ug/L	120	ND	96	70-130			05/01/24	
Cadmium	220	1.0	ug/L	240	ND	91	70-130			05/01/24	
Antimony	240	2.0	ug/L	240	ND	100	70-130			05/01/24	
Thallium	230	1.0	ug/L	240	ND	94	70-130			05/01/24	
Lead	220	1.0	ug/L	240	ND	93	70-130			05/01/24	
Uranium	240	1.0	ug/L	240	ND	101	70-130			05/01/24	
Matrix Spike (AHD1657-MS2), Source: AHD3253-01											
Beryllium	220	1.0	ug/L	240	ND	91	70-130			05/01/24	
Chromium	240	10	ug/L	240	ND	99	70-130			05/01/24	
Nickel	230	10	ug/L	240	ND	96	70-130			05/01/24	
Copper	220	5.0	ug/L	240	ND	89	70-130			05/01/24	
Zinc	210	50	ug/L	240	ND	86	70-130			05/01/24	
Arsenic	210	2.0	ug/L	240	ND	89	70-130			05/01/24	
Selenium	200	2.0	ug/L	240	ND	83	70-130			05/01/24	
Silver	110	10	ug/L	120	ND	94	70-130			05/01/24	
Cadmium	220	1.0	ug/L	240	ND	90	70-130			05/01/24	
Antimony	240	2.0	ug/L	240	ND	98	70-130			05/01/24	
Thallium	220	1.0	ug/L	240	ND	92	70-130			05/01/24	
Lead	220	1.0	ug/L	240	ND	91	70-130			05/01/24	
Uranium	240	1.0	ug/L	240	ND	99	70-130			05/01/24	
Matrix Spike Dup (AHD1657-MSD1), Source: AHD3189-02											
Beryllium	210	1.0	ug/L	240	ND	89	70-130	1	20	05/01/24	
Chromium	230	10	ug/L	240	ND	95	70-130	1	20	05/01/24	
Nickel	220	10	ug/L	240	ND	94	70-130	2	20	05/01/24	
Copper	220	5.0	ug/L	240	ND	91	70-130	2	20	05/01/24	
Zinc	200	50	ug/L	240	ND	82	70-130	1	20	05/01/24	
Arsenic	220	2.0	ug/L	240	4.1	88	70-130	1	20	05/01/24	
Selenium	190	2.0	ug/L	240	ND	81	70-130	1	20	05/01/24	
Silver	110	10	ug/L	120	ND	95	70-130	1	20	05/01/24	
Cadmium	210	1.0	ug/L	240	ND	89	70-130	3	20	05/01/24	
Antimony	240	2.0	ug/L	240	ND	98	70-130	1	20	05/01/24	
Thallium	230	1.0	ug/L	240	ND	94	70-130	0	20	05/01/24	
Lead	230	1.0	ug/L	240	ND	94	70-130	1	20	05/01/24	
Uranium	240	1.0	ug/L	240	ND	99	70-130	2	20	05/01/24	
Matrix Spike Dup (AHD1657-MSD2), Source: AHD3253-01											
Beryllium	220	1.0	ug/L	240	ND	92	70-130	1	20	05/01/24	

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Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 200.8 - Quality Control											
Batch: AHD1657										Prepared: 4/25/2024	
Prep Method: EPA 200.2										Analyst: AHS	
Matrix Spike Dup (AHD1657-MSD2), Source: AHD3253-01											
Chromium	240	10	ug/L	240	ND	100	70-130	1	20	05/01/24	
Nickel	230	10	ug/L	240	ND	95	70-130	1	20	05/01/24	
Copper	230	5.0	ug/L	240	ND	93	70-130	4	20	05/01/24	
Zinc	210	50	ug/L	240	ND	87	70-130	1	20	05/01/24	
Arsenic	210	2.0	ug/L	240	ND	88	70-130	0	20	05/01/24	
Selenium	200	2.0	ug/L	240	ND	83	70-130	0	20	05/01/24	
Silver	110	10	ug/L	120	ND	94	70-130	0	20	05/01/24	
Cadmium	220	1.0	ug/L	240	ND	90	70-130	0	20	05/01/24	
Antimony	240	2.0	ug/L	240	ND	99	70-130	1	20	05/01/24	
Thallium	230	1.0	ug/L	240	ND	94	70-130	2	20	05/01/24	
Lead	220	1.0	ug/L	240	ND	92	70-130	1	20	05/01/24	
Uranium	240	1.0	ug/L	240	ND	101	70-130	2	20	05/01/24	

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 504.1 - Quality Control											
Batch: AHD1779										Prepared: 4/29/2024	
Prep Method: EPA 504/505										Analyst: KMA	
Blank (AHD1779-BLK1)											
Ethylene Dibromide (EDB)	ND	0.020	ug/L							04/29/24	
Dibromochloropropane (DBCP)	ND	0.010	ug/L							04/29/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.44*			*0.46*		*96*	*70-130*			04/29/24	
Blank Spike (AHD1779-BS1)											
Ethylene Dibromide (EDB)	0.098	0.020	ug/L	0.10	ND	98	70-130			04/29/24	
Dibromochloropropane (DBCP)	0.099	0.010	ug/L	0.10	ND	99	70-130			04/29/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.43*			*0.46*		*95*	*70-130*			04/29/24	
Blank Spike Dup (AHD1779-BSD1)											
Ethylene Dibromide (EDB)	0.11	0.020	ug/L	0.10	ND	106	70-130	7	20	04/30/24	
Dibromochloropropane (DBCP)	0.10	0.010	ug/L	0.10	ND	105	70-130	5	20	04/30/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.45*			*0.46*		*99*	*70-130*			04/30/24	
Matrix Spike (AHD1779-MS1), Source: AHD3253-01											
Ethylene Dibromide (EDB)	0.11	0.020	ug/L	0.10	ND	105	65-135			04/29/24	
Dibromochloropropane (DBCP)	0.10	0.010	ug/L	0.10	ND	103	65-135			04/29/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.44*			*0.46*		*97*	*70-130*			04/29/24	
Matrix Spike (AHD1779-MS2), Source: AHD3523-01											
Ethylene Dibromide (EDB)	0.11	0.020	ug/L	0.10	ND	105	65-135			04/29/24	
Dibromochloropropane (DBCP)	0.10	0.010	ug/L	0.10	ND	102	65-135			04/29/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.45*			*0.47*		*96*	*70-130*			04/29/24	
EPA 505 - Quality Control											
Batch: AHD1779										Prepared: 4/29/2024	
Prep Method: EPA 504/505										Analyst: KMA	
Blank (AHD1779-BLK1)											
Aldrin	ND	0.075	ug/L							04/29/24	
Chlordane (Technical)	ND	0.10	ug/L							04/29/24	
Dieldrin	ND	0.020	ug/L							04/29/24	
Endrin	ND	0.10	ug/L							04/29/24	
Heptachlor	ND	0.010	ug/L							04/29/24	
Heptachlor Epoxide	ND	0.010	ug/L							04/29/24	
Hexachlorobenzene	ND	0.50	ug/L							04/29/24	
Hexachlorocyclopentadiene	ND	1.0	ug/L							04/29/24	
Lindane	ND	0.20	ug/L							04/29/24	
Methoxychlor	ND	10	ug/L							04/29/24	
PCB Aroclor Screen	ND	0.50	ug/L							04/29/24	
Toxaphene	ND	1.0	ug/L							04/29/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.44*			*0.46*		*96*	*70-130*			04/29/24	
Blank Spike (AHD1779-BS1)											

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 505 - Quality Control											
Batch: AHD1779										Prepared: 4/29/2024	
Prep Method: EPA 504/505										Analyst: KMA	
Blank Spike (AHD1779-BS1)											
Aldrin	0.71	0.075	ug/L	0.74	ND	96	70-130			04/29/24	
Dieldrin	0.21	0.020	ug/L	0.20	ND	106	70-130			04/29/24	
Endrin	0.11	0.10	ug/L	0.10	ND	113	70-130			04/29/24	
Heptachlor	0.098	0.010	ug/L	0.10	ND	98	70-130			04/29/24	
Heptachlor Epoxide	0.11	0.010	ug/L	0.10	ND	105	70-130			04/29/24	
Hexachlorobenzene	1.0	0.50	ug/L	1.0	ND	101	70-130			04/29/24	
Hexachlorocyclopentadiene	0.82	1.0	ug/L	1.0	ND	82	70-130			04/29/24	
Lindane	0.21	0.20	ug/L	0.20	ND	103	70-130			04/29/24	
Methoxychlor	1.1	10	ug/L	1.0	ND	114	70-130			04/29/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.43*			*0.46*		*95*	*70-130*			04/29/24	
Blank Spike Dup (AHD1779-BSD1)											
Aldrin	0.76	0.075	ug/L	0.74	ND	102	70-130	6	20	04/30/24	
Dieldrin	0.22	0.020	ug/L	0.20	ND	110	70-130	3	20	04/30/24	
Endrin	0.11	0.10	ug/L	0.10	ND	110	70-130	3	20	04/30/24	
Heptachlor	0.10	0.010	ug/L	0.10	ND	102	70-130	4	20	04/30/24	
Heptachlor Epoxide	0.11	0.010	ug/L	0.10	ND	110	70-130	4	20	04/30/24	
Hexachlorobenzene	1.1	0.50	ug/L	1.0	ND	106	70-130	4	20	04/30/24	
Hexachlorocyclopentadiene	0.83	1.0	ug/L	1.0	ND	83	70-130	1	20	04/30/24	
Lindane	0.21	0.20	ug/L	0.20	ND	105	70-130	2	20	04/30/24	
Methoxychlor	1.2	10	ug/L	1.0	ND	116	70-130	1	20	04/30/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.45*			*0.46*		*99*	*70-130*			04/30/24	
Matrix Spike (AHD1779-MS1), Source: AHD3253-01											
Aldrin	0.73	0.075	ug/L	0.74	ND	98	65-135			04/29/24	
Dieldrin	0.22	0.020	ug/L	0.20	ND	111	65-135			04/29/24	
Endrin	0.11	0.10	ug/L	0.10	ND	108	65-135			04/29/24	
Heptachlor	0.10	0.010	ug/L	0.10	ND	100	65-135			04/29/24	
Heptachlor Epoxide	0.11	0.010	ug/L	0.10	ND	106	65-135			04/29/24	
Hexachlorobenzene	1.0	0.50	ug/L	1.0	ND	104	65-135			04/29/24	
Hexachlorocyclopentadiene	0.84	1.0	ug/L	1.0	ND	84	65-135			04/29/24	
Lindane	0.21	0.20	ug/L	0.20	ND	103	65-135			04/29/24	
Methoxychlor	1.1	10	ug/L	1.0	ND	115	65-135			04/29/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.44*			*0.46*		*97*	*70-130*			04/29/24	
Matrix Spike (AHD1779-MS2), Source: AHD3523-01											
Aldrin	0.77	0.075	ug/L	0.76	ND	101	65-135			04/29/24	
Dieldrin	0.22	0.020	ug/L	0.20	ND	107	65-135			04/29/24	
Endrin	0.11	0.10	ug/L	0.10	ND	110	65-135			04/29/24	
Heptachlor	0.10	0.010	ug/L	0.10	ND	101	65-135			04/29/24	
Heptachlor Epoxide	0.11	0.010	ug/L	0.10	ND	107	65-135			04/29/24	
Hexachlorobenzene	1.1	0.50	ug/L	1.0	ND	105	65-135			04/29/24	
Hexachlorocyclopentadiene	0.89	1.0	ug/L	1.0	ND	87	65-135			04/29/24	

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 505 - Quality Control											
Batch: AHD1779										Prepared: 4/29/2024	
Prep Method: EPA 504/505										Analyst: KMA	
Matrix Spike (AHD1779-MS2), Source: AHD3523-01											
Lindane	0.21	0.20	ug/L	0.20	ND	103	65-135			04/29/24	
Methoxychlor	1.2	10	ug/L	1.0	ND	115	65-135			04/29/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.45*			*0.47*		*96*	*70-130*			04/29/24	
EPA 515.4 - Quality Control											
Batch: AHD1614										Prepared: 4/25/2024	
Prep Method: EPA 515.4										Analyst: RDH	
Blank (AHD1614-BLK1)											
2,4,5-T	ND	1.0	ug/L							04/25/24	
2,4,5-TP (Silvex)	ND	1.0	ug/L							04/25/24	
2,4-D	ND	10	ug/L							04/25/24	
Bentazon	ND	2.0	ug/L							04/25/24	
Dalapon	ND	10	ug/L							04/25/24	
Dicamba	ND	1.5	ug/L							04/25/24	
Dinoseb	ND	2.0	ug/L							04/25/24	
Pentachlorophenol	ND	0.20	ug/L							04/25/24	
Picloram	ND	1.0	ug/L							04/25/24	
Surrogate: DCPAA	*36*			*36*		*101*	*70-130*			04/25/24	
Matrix Spike (AHD1614-MS1), Source: AHD2780-01											
2,4,5-T	1.9	1.0	ug/L	1.6	ND	120	70-130			04/25/24	
2,4,5-TP (Silvex)	0.94	1.0	ug/L	0.80	ND	118	70-130			04/25/24	
2,4-D	0.50	10	ug/L	0.40	ND	125	70-130			04/25/24	
Bentazon	2.5	2.0	ug/L	2.0	ND	123	70-130			04/25/24	
Dalapon	15	10	ug/L	4.0	ND	384	70-130			04/25/24	MS1.0 ***High***
Dicamba	0.89	1.5	ug/L	0.80	ND	111	70-130			04/25/24	
Dinoseb	0.77	2.0	ug/L	0.80	ND	96	70-130			04/25/24	
Pentachlorophenol	0.19	0.20	ug/L	0.16	ND	118	70-130			04/25/24	
Picloram	0.44	1.0	ug/L	0.40	ND	110	70-130			04/25/24	
Surrogate: DCPAA	*40*			*36*		*110*	*70-130*			04/25/24	
Matrix Spike Dup (AHD1614-MSD1), Source: AHD2780-01											
2,4,5-T	1.8	1.0	ug/L	1.6	ND	112	70-130	7	30	04/25/24	
2,4,5-TP (Silvex)	0.90	1.0	ug/L	0.80	ND	112	70-130	5	30	04/25/24	
2,4-D	0.47	10	ug/L	0.40	ND	117	70-130	7	30	04/25/24	
Bentazon	2.4	2.0	ug/L	2.0	ND	119	70-130	3	30	04/25/24	
Dalapon	15	10	ug/L	4.0	ND	367	70-130	5	30	04/25/24	MS1.0 ***High***
Dicamba	0.85	1.5	ug/L	0.80	ND	107	70-130	4	30	04/25/24	
Dinoseb	0.70	2.0	ug/L	0.80	ND	88	70-130	9	30	04/25/24	
Pentachlorophenol	0.18	0.20	ug/L	0.16	ND	114	70-130	4	30	04/25/24	
Picloram	0.39	1.0	ug/L	0.40	ND	99	70-130	11	30	04/25/24	
Surrogate: DCPAA	*39*			*36*		*108*	*70-130*			04/25/24	

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual	
EPA 525.3 - Quality Control												
Batch: AHE0091										Prepared: 5/1/2024		
Prep Method: EPA 525.3										Analyst: RDH		
Blank (AHE0091-BLK1)												
Alachlor	ND	1.0	ug/L							05/03/24		
Atrazine	ND	0.50	ug/L							05/03/24		
Benzo(a)pyrene	ND	0.10	ug/L							05/03/24		
Bis(2-ethylhexyl) adipate	ND	5.0	ug/L							05/03/24		
Bis(2-ethylhexyl) phthalate	ND	3.0	ug/L							05/03/24		
Bromacil	ND	10	ug/L							05/03/24		
Butachlor	ND	0.38	ug/L							05/03/24		
Diazinon	ND	0.25	ug/L							05/03/24		
Dimethoate	ND	10	ug/L							05/03/24		
Metolachlor	ND	0.50	ug/L							05/03/24		
Metribuzin	ND	0.50	ug/L							05/03/24		
Molinate	ND	2.0	ug/L							05/03/24		
Propachlor	ND	0.50	ug/L							05/03/24		
Simazine	ND	1.0	ug/L							05/03/24		
Thiobencarb	ND	1.0	ug/L							05/03/24		
Surrogate: 1,3-Dimethyl-2-nitrobenzene	*0.80*			*1.0*		*80*	*70-130*			05/03/24		
Surrogate: Benzo(a)pyrene-d12	*0.98*			*1.0*		*98*	*70-130*			05/03/24		
Surrogate: Triphenyl Phosphate	*1.1*			*1.0*		*109*	*70-130*			05/03/24		
Blank Spike (AHE0091-BS1)												
Alachlor	1.8	1.0	ug/L	1.6	ND	113	70-130			05/03/24		
Atrazine	0.74	0.50	ug/L	0.80	ND	92	70-130			05/03/24		
Benzo(a)pyrene	0.18	0.10	ug/L	0.16	ND	111	70-130			05/03/24		
Bis(2-ethylhexyl) adipate	3.9	5.0	ug/L	3.2	ND	122	70-130			05/03/24		
Bis(2-ethylhexyl) phthalate	6.2	3.0	ug/L	4.8	ND	130	70-130			05/03/24		
Bromacil	1.1	10	ug/L	0.80	ND	143	70-130			05/03/24	BS	***High***
Butachlor	1.2	0.38	ug/L	0.80	ND	146	70-130			05/03/24	BS	***High***
Diazinon	0.19	0.25	ug/L	0.16	ND	116	70-130			05/03/24		
Dimethoate	8.1	10	ug/L	6.4	ND	127	70-130			05/03/24		
Metolachlor	0.93	0.50	ug/L	0.80	ND	116	70-130			05/03/24		
Metribuzin	0.98	0.50	ug/L	0.80	ND	122	70-130			05/03/24		
Molinate	0.87	2.0	ug/L	0.80	ND	109	70-130			05/03/24		
Propachlor	0.88	0.50	ug/L	0.80	ND	110	70-130			05/03/24		
Simazine	0.48	1.0	ug/L	0.56	ND	86	70-130			05/03/24		
Thiobencarb	0.87	1.0	ug/L	0.80	ND	108	70-130			05/03/24		
Surrogate: 1,3-Dimethyl-2-nitrobenzene	*0.89*			*1.0*		*89*	*70-130*			05/03/24		
Surrogate: Benzo(a)pyrene-d12	*1.1*			*1.0*		*108*	*70-130*			05/03/24		
Surrogate: Triphenyl Phosphate	*1.2*			*1.0*		*116*	*70-130*			05/03/24		
Blank Spike Dup (AHE0091-BSD1)												
Alachlor	1.7	1.0	ug/L	1.6	ND	109	70-130	4	30	05/03/24		
Atrazine	0.65	0.50	ug/L	0.80	ND	81	70-130	13	30	05/03/24		
Benzo(a)pyrene	0.18	0.10	ug/L	0.16	ND	111	70-130	0	30	05/03/24		
Bis(2-ethylhexyl) adipate	4.0	5.0	ug/L	3.2	ND	125	70-130	2	30	05/03/24		

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual	
EPA 525.3 - Quality Control												
Batch: AHE0091										Prepared: 5/1/2024		
Prep Method: EPA 525.3										Analyst: RDH		
Blank Spike Dup (AHE0091-BSD1)												
Bis(2-ethylhexyl) phthalate	6.1	3.0	ug/L	4.8	ND	126	70-130	3	30	05/03/24		
Bromacil	1.2	10	ug/L	0.80	ND	146	70-130	2	30	05/03/24	BS	***High***
Butachlor	1.2	0.38	ug/L	0.80	ND	145	70-130	1	30	05/03/24	BS	***High***
Diazinon	0.18	0.25	ug/L	0.16	ND	113	70-130	2	30	05/03/24		
Dimethoate	8.2	10	ug/L	6.4	ND	128	70-130	1	30	05/03/24		
Metolachlor	0.92	0.50	ug/L	0.80	ND	115	70-130	1	30	05/03/24		
Metribuzin	0.96	0.50	ug/L	0.80	ND	120	70-130	2	30	05/03/24		
Molinate	0.87	2.0	ug/L	0.80	ND	109	70-130	0	30	05/03/24		
Propachlor	0.88	0.50	ug/L	0.80	ND	110	70-130	0	30	05/03/24		
Simazine	0.42	1.0	ug/L	0.56	ND	75	70-130	13	30	05/03/24		
Thiobencarb	0.85	1.0	ug/L	0.80	ND	107	70-130	1	30	05/03/24		
Surrogate: 1,3-Dimethyl-2-nitrobenzene	*0.90*			*1.0*		*90*	*70-130*			05/03/24		
Surrogate: Benzo(a)pyrene-d12	*1.1*			*1.0*		*110*	*70-130*			05/03/24		
Surrogate: Triphenyl Phosphate	*1.2*			*1.0*		*115*	*70-130*			05/03/24		
Matrix Spike (AHE0091-MS1), Source: AHD3193-01RE1												
Alachlor	0.20	1.0	ug/L	0.22	ND	93	70-130			05/03/24		
Atrazine	0.084	0.50	ug/L	0.11	ND	78	70-130			05/03/24		
Benzo(a)pyrene	0.016	0.10	ug/L	0.022	ND	75	70-130			05/03/24		
Bis(2-ethylhexyl) adipate	0.42	5.0	ug/L	0.43	ND	98	70-130			05/03/24		
Bis(2-ethylhexyl) phthalate	0.73	3.0	ug/L	0.65	ND	113	70-130			05/03/24		
Bromacil	0.13	10	ug/L	0.11	ND	120	70-130			05/03/24		
Butachlor	0.12	0.38	ug/L	0.11	ND	114	70-130			05/03/24		
Diazinon	0.018	0.25	ug/L	0.022	ND	81	70-130			05/03/24		
Dimethoate	1.0	10	ug/L	0.87	ND	120	70-130			05/03/24		
Metolachlor	0.11	0.50	ug/L	0.11	ND	99	70-130			05/03/24		
Metribuzin	0.12	0.50	ug/L	0.11	ND	109	70-130			05/03/24		
Molinate	0.083	2.0	ug/L	0.11	ND	77	70-130			05/03/24		
Propachlor	0.089	0.50	ug/L	0.11	ND	82	70-130			05/03/24		
Simazine	0.061	1.0	ug/L	0.076	ND	81	70-130			05/03/24		
Thiobencarb	0.098	1.0	ug/L	0.11	ND	91	70-130			05/03/24		
Surrogate: 1,3-Dimethyl-2-nitrobenzene	*0.94*			*1.1*		*87*	*70-130*			05/03/24		
Surrogate: Benzo(a)pyrene-d12	*1.0*			*1.1*		*95*	*70-130*			05/03/24		
Surrogate: Triphenyl Phosphate	*1.2*			*1.1*		*107*	*70-130*			05/03/24		
EPA 547 - Quality Control												
Batch: AHD1852										Prepared: 4/30/2024		
Prep Method: EPA 547										Analyst: YNV		
Blank (AHD1852-BLK1)												
Glyphosate	ND	25	ug/L							04/30/24		
Surrogate: AMPA	*220*			*200*		*110*	*70-130*			04/30/24		
Blank Spike (AHD1852-BS1)												

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 547 - Quality Control											
Batch: AHD1852										Prepared: 4/30/2024	
Prep Method: EPA 547										Analyst: YNV	
Blank Spike (AHD1852-BS1)											
Glyphosate	91	25	ug/L	100	ND	91	70-130			04/30/24	
Surrogate: AMPA	*220*			*200*		*110*	*70-130*			04/30/24	
Blank Spike Dup (AHD1852-BSD1)											
Glyphosate	98	25	ug/L	100	ND	98	70-130	8	30	04/30/24	
Surrogate: AMPA	*220*			*200*		*108*	*70-130*			04/30/24	
Matrix Spike (AHD1852-MS1), Source: AHD3054-01											
Glyphosate	98	25	ug/L	100	ND	98	70-130			04/30/24	
Surrogate: AMPA	*230*			*200*		*113*	*70-130*			04/30/24	
Matrix Spike Dup (AHD1852-MSD1), Source: AHD3054-01											
Glyphosate	100	25	ug/L	100	ND	102	70-130	4	30	04/30/24	
Surrogate: AMPA	*220*			*200*		*112*	*70-130*			04/30/24	
EPA 548.1 - Quality Control											
Batch: AHD1692										Prepared: 4/25/2024	
Prep Method: EPA 548.1										Analyst: RDH	
Blank (AHD1692-BLK1)											
Endothall	ND	45	ug/L							04/29/24	
Blank Spike (AHD1692-BS1)											
Endothall	16	45	ug/L	20	ND	79	19-121			04/29/24	
Blank Spike Dup (AHD1692-BSD1)											
Endothall	17	45	ug/L	20	ND	83	19-121	5	30	04/29/24	
Matrix Spike (AHD1692-MS1), Source: AHD3186-01											
Endothall	18	45	ug/L	20	ND	89	10-113			04/29/24	
Matrix Spike (AHD1692-MS2), Source: AHD3253-01											
Endothall	1.3	45	ug/L	20	ND	7	10-113			04/29/24	MS1.0 ***Low***
EPA 549.2 - Quality Control											
Batch: AHD1605										Prepared: 4/25/2024	
Prep Method: EPA 549.2										Analyst: YNV	
Blank (AHD1605-BLK1)											
Diquat	ND	4.0	ug/L							05/03/24	
Blank Spike (AHD1605-BS1)											
Diquat	3.8	4.0	ug/L	4.0	ND	94	70-130			05/03/24	
Blank Spike Dup (AHD1605-BSD1)											

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 549.2 - Quality Control											
Batch: AHD1605										Prepared: 4/25/2024	
Prep Method: EPA 549.2										Analyst: YNV	
Blank Spike Dup (AHD1605-BSD1)											
Diquat	3.7	4.0	ug/L	4.0	ND	92	70-130	2	30	05/03/24	
Matrix Spike (AHD1605-MS1), Source: AHD3523-01											
Diquat	3.7	4.0	ug/L	4.0	ND	92	70-130			05/03/24	
EPA 552.3 - Quality Control											
Batch: AHD1697										Prepared: 4/26/2024	
Prep Method: EPA 552.3										Analyst: NEW	
Blank (AHD1697-BLK1)											
Dibromoacetic Acid (DBAA)	ND	1.0	ug/L							04/26/24	
Dichloroacetic Acid (DCAA)	ND	1.0	ug/L							04/26/24	
Monobromoacetic Acid (MBAA)	ND	1.0	ug/L							04/26/24	
Monochloroacetic Acid (MCAA)	ND	2.0	ug/L							04/26/24	
Trichloroacetic Acid (TCAA)	ND	1.0	ug/L							04/26/24	
Total Haloacetic Acids	ND	2.0	ug/L							04/26/24	
Surrogate: 2-Bromobutanoic Acid	*10*			*10*		*104*	*70-130*			04/26/24	
Duplicate (AHD1697-DUP1), Source: AHD3101-04											
Dibromoacetic Acid (DBAA)	ND	1.0	ug/L		ND				30	04/26/24	
Dichloroacetic Acid (DCAA)	ND	1.0	ug/L		ND				30	04/26/24	
Monobromoacetic Acid (MBAA)	ND	1.0	ug/L		ND				30	04/26/24	
Monochloroacetic Acid (MCAA)	ND	2.0	ug/L		ND				30	04/26/24	
Trichloroacetic Acid (TCAA)	ND	1.0	ug/L		ND				30	04/26/24	
Total Haloacetic Acids	ND	2.0	ug/L		ND				30	04/26/24	
Surrogate: 2-Bromobutanoic Acid	*10*			*10*		*100*	*70-130*			04/26/24	
Matrix Spike (AHD1697-MS1), Source: AHD3101-03											
Dibromoacetic Acid (DBAA)	9.8	1.0	ug/L	10	ND	98	70-130			04/26/24	
Dichloroacetic Acid (DCAA)	9.5	1.0	ug/L	10	ND	95	70-130			04/26/24	
Monobromoacetic Acid (MBAA)	9.1	1.0	ug/L	10	ND	91	70-130			04/26/24	
Monochloroacetic Acid (MCAA)	18	2.0	ug/L	20	ND	90	70-130			04/26/24	
Trichloroacetic Acid (TCAA)	8.8	1.0	ug/L	10	ND	88	70-130			04/26/24	
Surrogate: 2-Bromobutanoic Acid	*10*			*10*		*100*	*70-130*			04/26/24	

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.
  Unless otherwise noted, TOC results by SM 5310C method do not include purgeable organic carbon, which is removed along with the inorganic carbon interference. The POC contribution to TOC is considered to be negligible .

Certificate of Analysis

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.

The following parameters are not available for certification through CA ELAP:

Odor Diisopropyl ether (DIPE) by EPA 524.2

The following parameters are calculated values and are outside the scope of our NELAP accreditation:

Total Nitrogen Aggressive Index Trivalent Chromium

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

Dichloramine (1)

Monochloramine (1)

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	4021-023
State of Nevada	CA000792024-03	State of Oregon - NELAP	4021-023
EPA UCMR5	CA00079	State of Washington	C997-24

Sacramento

State of California - ELAP	1180-S1		

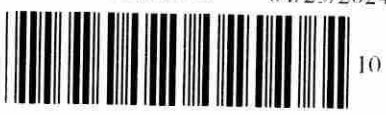
San Bernardino

State of California - ELAP	1180-S2	Los Angeles CSD	9254478
NELAP certified	4119-008	State of Oregon - NELAP	4119-008

Vancouver

NELAP certified	WA100008-017	State of Oregon - NELAP	WA100008-017
State of Washington	C824-23b		

AHD3253 Adobe3023 04/23/2024



Sample Integrity

BSK Bottles: Yes No Page 1 of 1

COC Info

Was temperature within range? Chemistry ≤ 6°C Micro < 8°C	Yes No NA	Were correct containers and preservatives received for the tests requested?	Yes No
If samples were taken today, is there evidence that chilling has begun?	Yes No NA	Bubbles Present VOAs (524.2/TTHM/TCP)?	Yes No NA
Did all bottles arrive unbroken and intact?	Yes No	TB Received? (Check Method Below)	Yes No NA
Did all bottle labels agree with COC?	Yes No	Was a sufficient amount of sample received?	Yes No
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes NA	**Do samples have a hold time <72 hours?**	Yes No
		Was PM notified of discrepancies? PM: Sarah dt: 12/7 email scan copy	Yes No NA

Bottles Received

"—" means preservation/chlorine checks are either N/A or are performed in the lab

250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)	Checks*	Passed?	1	2	3		
Bacti $Na_2S_2O_3$	—	—					
None (P) White Label	—	—	1A 4C				
Cr6 (P) Lt. Green Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **DW**	Cl, pH > 8	P F					
Cr6 (P) Pink Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **WW**	pH 9.3-9.7	P F					
Cr6 (P) Black Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **7199** ***24 HOUR HOLD TIME***	pH 9.0-9.5	P F					
HNO_3 (P) Red Label or HCl (P) Purple Cap/Lt. Blue Label	—	—	1B, 4C				
H_2SO_4 (P) or (AG) Yellow Label	pH < 2	~~P~~ ~~F~~	2C				
NaOH (P) Green Cap/Label	Cl, pH >10	P F	1A				
NaOH + ZnAc (P)	pH > 9	P F					
Dissolved Oxygen 300ml (g)	—	—					
None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	—	—	1B, 2C HCl CW				
HCl (AG) Lt. Blue Label O&G, Diesel, **TCP**	—	—					
Ascorbic, EDTA, KH_2Ct (AG) Pink Label 525	—	—	2C				
Na_2SO_3 250mL (AG) Neon Green Label 515	—	—	1A				
$Na_2S_2O_3$ 1 Liter (Brown P) 549	—	—	1C				
$Na_2S_2O_3$ (AG) Blue Label 548, THM, 524	—	—	1A				
$Na_2S_2O_3$ (CG) Blue Label 504, 505, 547	—	—	7V		2TB		
$Na_2S_2O_3$ + MCAA (CG) Orange Label 531	pH < 3	P F	1V				
NH_4Cl (AG) Purple Label 552	—	—	1A				
EDA (P) or (AG) Brown Label DBPs	—	—	1A				
HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624	—	—	3V	2TB			
Buffer pH 4 (CG)	—	—					
H_3PO_4 (CG) Salmon Label	—	—					
Trizma – EPA 537.1 Light Blue Label **FB**	---	---					
Ammonia Acetate - EPA 533 Purple Label **FB**	---	---					
Bottled Water	—	—					
Clear Glass: Jar / VOA	—	—					
OTHER: 125 mg Sodium Biosulfate	—	—	1D*				
OTHER: Sodium Sulfate	—	—					

4/23/24

Split

	Container	Preservative	Lot #	Initials	Date/Time
S P					
S P					

Preservation Check
pH Lot # AG01804
Cl Lot # A1407555

Comments

*Preservation check completed by lab performing analysis.

large bubbles in HCL VOA

✓ **Indicates Blanks Received**

504 ___ 524.2 ___ TTHM ___ 537/533 ___ TCP___

✓ **MS/MSD Received Method:** _____

Labeled by: **Checked by:**

Scanned: CW Rush/Short HT Page: _____ Time:_____

T4

BSK ASSOCIATES
687 N. Laverne Ave., Fresno, CA 93727
(559) 497-2888 CA ELAP No. 1180
www.bskassociates.com

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

AHD3253 Adobe3023 04/23/2024 10

Temp: 7.3 °C **Thermometer ID:** 65 *Required Fields

Company/Client Name*:	Report Attention*:	Invoice To*:	Phone*:	Fax:
Adobe Springs Water	Ray Tackaberry Additional cc's:	Ray Tackaberry PO#:	(408) 897-3023 E-mail*: ray@adobesprings.com	

Address*:	City*:	State*:	Zip*:
50 N. Salado Avenue, Unit 1417	Patterson	CA	95363

Project:	Project #:	Phase #	Task #:
Title 21			

Reporting Options: ☐ Trace (J-Flag) ☐ Swamp ☐ EDD Type: _____

Sampler Name (Printed/Signature)*:

Regulatory Carbon Copies: ☐ SWRCB (Drinking Water) ☐ Merced Co ☐ Fresno Co ☐ Madera Co ☐ Tulare Co ☐ Other: _____

Regulatory Compliance: ☐ EDT to California SWRCB (Drinking Water) System Number*: _____ ☐ Geotracker #: _____

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

#	Sample Description*	Sampled* Date	Sampled* Time	Matrix*	Comments / Station Code / WTRAX	Title 21 Organics	Title 21 Inorganics	Title 21 Externals	Bromate	Bromide	EXT-EPA 522 1,4-Dioxane			
1	Spring water	4-23	8AM			X	X	X	X	X	X			
2	TB 524, 042402													
3	TB 524, 032403													

Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Ray Tackaberry	Adobe Springs	4/23	1200		
Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Received for Lab by: (Signature and Printed Name)		Date	Time	Payment Received at Delivery:	Check / Cash
	4/23/24		1200	Date: Amount: PIA#:	Init.

Shipping Method: GLS UPS WALK-IN FED EX PMS Courier: _____ Custody Seal: Y / N

Cooling Method: Wet Blue None Chilling Process Begun: Y / N

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

April 30, 2024 Ceres ID: 17784

BSK Associates
1414 Stanislaus St.
Fresno, CA 93706

The following report contains the results for the one drinking water sample received on April 24, 2024. This sample was analyzed for 2,3,7,8-TCDD by EPA method 1613. Routine turn-around time was provided for this work.

This work was authorized under your Subcontract Order # AHD3253.

Continuing Calibration Verification (CCV) Requirements
All associated calibration verification standard(s) (CCV) met the acceptance criteria.

The report consists of a Cover Letter, Sample Inventory (Section I), Data Summary (Section II), Sample Tracking (Section VI), and Qualifiers/Abbreviations (Section VII). Raw Data (Section III), Continuing Calibration (Section IV), and Initial Calibration (Section V) are available in a full report (.pdf format) upon request.

If you have any questions regarding this report, please feel free to contact me at (916)932-5011.

Sincerely,

James M. Hedin
Director of Operations/CEO
jhedin@ceres-lab.com

Section I: Sample Inventory

Ceres Sample ID:	Sample ID	Date Received	Collection Date	&Time
17784-001	Spring Water AHD3253-01	4/24/2024	4/23/2024	8:00

Section II: Data Summary

CERES Analytical Laboratory, Inc.
4919 Windplay Dr.Suite 1, El Dorado Hills, CA 95762

EPA Method 1613

Quality Assurance Sample **Method Blank**	**Ceres Sample ID:** 0-3151-MB **QC Batch #:** 3151 **Matrix:** Drinking Water	**Date Received:** NA **Date Extracted:** 4/29/2024 **Date Analyzed:** 4/29/2024
Project ID: AHD3253	**Sample Size:** 1.000 L	

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	ND< 3.52	4.10	5.00		13C-2378-TCDD	86.3	31-137	
					CRS			
					37Cl4-2378-TCDD	103	42-164	

EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.
(a) - Lower control limit - Upper control limit

Analyst: JMH **Reviewed by: BS**

CERES Analytical Laboratory, Inc.
4919 Windplay Dr Suite 1, El Dorado Hills, CA 95762

EPA Method 1613

Quality Assurance Sample **Ongoing Precision and Recovery**	**Ceres Sample ID:** 0-3151-OPR **QC Batch #:** 3151 **Matrix:** Drinking Water	**Date Received:** NA **Date Extracted:** 4/29/2024 **Date Analyzed:** 4/29/2024
Project ID: AHD3253	**Sample Size:** 1.000 L	

Analyte	Conc. (ng/mL)	Limits (a)	Labeled Standards	% Rec.	Limits (a)
2,3,7,8-TCDD	9.27	7.3-14.6	13C-2378-TCDD	75.0	25-141
			CRS		
			37Cl4-2378-TCDD	92.2	37-158

(a) Limits based on method acceptance criteria.

Analyst: JMH **Reviewed by: BS**

CERES Analytical Laboratory, Inc.
4919 Windplay Dr.Suite 1, El Dorado Hills, CA 95762

EPA Method 1613

Client Sample ID: Spring Water AHD3253-01		
Project ID: AHD3253	**Ceres Sample ID:** 17784-001	**Date Received:** 4/24/2024
	QC Batch #: 3151	**Date Extracted:** 4/29/2024
Date Collected: 4/23/2024	**Matrix:** Drinking Water	**Date Analyzed:** 4/29/2024
Time Collected: 8:00	**Sample Size:** 1.018 L	

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	ND < 2.99	4.10	4.91		13C-2378-TCDD	84.6	31-137	
					CRS			
					37Cl4-2378-TCDD	89.5	42-164	

EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.
(a) - Lower control limit - Upper control limit

Analyst: JMH **Reviewed by: BS**

Section VI: Sample Tracking

BSK ASSOCIATES

SUBCONTRACT ORDER

AHD3253

SENDING LABORATORY:

BSK Associates Laboratory Fresno
687 N. Laverne Avenue
Fresno, CA 93727
Phone: 559-497-2888
Fax: 559-485-6935
Project Manager: Sarah K. Guenther
E-mail: sguenther@bskassociates.com

RECEIVING LABORATORY:

Ceres Analytical Laboratory, Inc
4919 Windplay Drive, Suite 1
El Dorado Hills, CA 95762
Phone :(916) 932-5011
Fax: -
Turnaround (Days): Standard
QC Deliverables: I Std III IV

SEND INVOICE TO:

sguenther@bskassociates.com

ap@bskassociates.com

Sample ID	Samp Desc		Sample Date
AHD3253-01	**Spring Water**	**Client Matrix** Water **Sampled By:** Ray Tackaberry	**04/23/2024 08:00**

Lab Matrix: Water

Analysis:
EXT-Dioxin-DW matrix, EPA 1613 2,3,7,8-TCDD

State Forms: **No** System Name: _____

Released By: 4.23.24	Date	Received By: H H	Date: 4/24/24
Released By	Date	Received By	Date

Sample Receipt Check List Logged by: HH (initials)

Ceres ID: 17784	Date/Time: 4/24/24 11:02
Client Project ID: AH03253	Received Temp: 4.2 °C Acceptable: (Y) / N
Chain of Custody Relinquished by signed?	(Y) / N
Chain of Custody Received by signed?	(Y) / N
Custody Seals? Present?	Y / N
Intact?	Y / N
NA:	(NA)
Unlabeled / Illegible Samples	Y / (N)
Proper Containers:	(Y) / N
Preservation Acceptable (Chemical or ~~Temperature~~)?	(Y) / N
Drinking Water, Sodium Thiosulfate present?	Y / (N) / NA
Residual Cl?	Y / (N) / NA
Aqueous sample pH: 7	NA
List COC discrepancies: HH 4/24/24	
List Damaged Samples: HH 4/24/24	

Section VII: Qualifiers/Abbreviations

J	Concentration found below the lower quantitation limit but greater than zero.
B	Analyte present in the associated Method Blank.
E	Concentration found exceeds the Calibration range of the HRGC/HRMS.
D	This analyte concentration was calculated from a dilution.
X	The concentration found is the estimated maximum possible concentration due to chlorinated diphenyl ethers present in the sample.
H	Recovery limits exceeded. See cover letter.
*****	Results taken from dilution.
I	Interference. See cover letter.
Conc.	Concentration Found
DL	Calculated Detection Limit
ND	Non-Detect
% Rec.	Percent Recovery

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah K Guenther
BSK Associates
687 N. Laverne Avenue
Fresno, California 93727

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JOB DESCRIPTION

AHD3253

JOB NUMBER

380-92752-1

Eurofins Eaton Analytical Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

Compliance Statement

1. Laboratory is accredited in accordance with TNI 2016 Standards and ISO/IEC 17025:2017.
2. Laboratory certifies that the test results meet all TNI 2016 and ISO/IEC 17025:2017 requirements unless noted under the individual analysis
3. Test results relate only to the sample(s) tested.
4. This report shall not be reproduced except in full, without the written approval of the laboratory.
5. Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below. (DW,Water matrices)

Authorization

Generated
5/1/2024 4:13:09 PM

Authorized for release by
Anisha Zachariah, Project Manager
Anisha.Zachariah@et.eurofinsus.com
(626)386-1142

Table of Contents

Definitions/Glossary

Client: BSK Associates
Project/Site: AHD3253

Job ID: 380-92752-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
380-92752-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The sample was received on 4/24/2024 10:17 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 6.2°C.

Receipt Exceptions
The following sample was received at the laboratory outside the required temperature criteria: AHD3253-01 Spring Water (380-92752-1). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

Received out of temp. 6.2°C blue ice

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: BSK Associates
Project/Site: AHD3253

Job ID: 380-92752-1

Client Sample ID: AHD3253-01 Spring Water

Lab Sample ID: 380-92752-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenols, Total	0.59	J	1.0	0.50	ug/L	1		420.4	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: BSK Associates
Project/Site: AHD3253

Job ID: 380-92752-1

Client Sample ID: AHD3253-01 Spring Water

Lab Sample ID: 380-92752-1

Date Collected: 04/23/24 08:00

Matrix: Water

Date Received: 04/24/24 10:17

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	0.59	J	1.0	0.50	ug/L		04/29/24 11:40	04/30/24 16:02	1

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 380-88141/1-A
Matrix: Water
Analysis Batch: 88489

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 88141

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	ND		1.0	0.50	ug/L		04/29/24 11:40	04/30/24 15:38	1

Lab Sample ID: LCS 380-88141/3-A
Matrix: Water
Analysis Batch: 88489

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 88141

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	5.00	5.08		ug/L		102	90 - 110

Lab Sample ID: LCSD 380-88141/4-A
Matrix: Water
Analysis Batch: 88489

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 88141

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	5.00	4.73		ug/L		95	90 - 110	7	20

Lab Sample ID: MRL 380-88141/2-A
Matrix: Water
Analysis Batch: 88489

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 88141

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	1.00	1.48		ug/L		148	50 - 150

Lab Sample ID: 380-89984-M-1-B MS
Matrix: Water
Analysis Batch: 88489

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 88141

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	ND	F2 F1	5.00	5.24		ug/L		105	90 - 110

Lab Sample ID: 380-89984-M-1-C MSD
Matrix: Water
Analysis Batch: 88489

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 88141

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	ND	F2 F1	5.00	6.46	F1 F2	ug/L		129	90 - 110	21	20

QC Association Summary

Client: BSK Associates
Project/Site: AHD3253

Job ID: 380-92752-1

General Chemistry

Prep Batch: 88141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-92752-1	AHD3253-01 Spring Water	Total/NA	Water	420.1 Distillat	
MB 380-88141/1-A	Method Blank	Total/NA	Water	420.1 Distillat	
LCS 380-88141/3-A	Lab Control Sample	Total/NA	Water	420.1 Distillat	
LCSD 380-88141/4-A	Lab Control Sample Dup	Total/NA	Water	420.1 Distillat	
MRL 380-88141/2-A	Lab Control Sample	Total/NA	Water	420.1 Distillat	
380-89984-M-1-B MS	Matrix Spike	Total/NA	Water	420.1 Distillat	
380-89984-M-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	420.1 Distillat	

Analysis Batch: 88489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-92752-1	AHD3253-01 Spring Water	Total/NA	Water	420.4	88141
MB 380-88141/1-A	Method Blank	Total/NA	Water	420.4	88141
LCS 380-88141/3-A	Lab Control Sample	Total/NA	Water	420.4	88141
LCSD 380-88141/4-A	Lab Control Sample Dup	Total/NA	Water	420.4	88141
MRL 380-88141/2-A	Lab Control Sample	Total/NA	Water	420.4	88141
380-89984-M-1-B MS	Matrix Spike	Total/NA	Water	420.4	88141
380-89984-M-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	420.4	88141

Lab Chronicle

Client: BSK Associates
Project/Site: AHD3253

Job ID: 380-92752-1

Client Sample ID: AHD3253-01 Spring Water

Date Collected: 04/23/24 08:00
Date Received: 04/24/24 10:17

Lab Sample ID: 380-92752-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	420.1 Distillat			88141	MIA8	EA POM	04/29/24 11:40
Total/NA	Analysis	420.4		1	88489	MIA8	EA POM	04/30/24 16:02

Laboratory References:

EA POM = Eurofins Eaton Analytical Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

Accreditation/Certification Summary

Client: BSK Associates
Project/Site: AHD3253

Job ID: 380-92752-1

Laboratory: Eurofins Eaton Analytical Pomona

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2813	06-18-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
420.4	420.1 Distillat	Water	Phenols, Total

Method Summary

Client: BSK Associates
Project/Site: AHD3253

Job ID: 380-92752-1

Method	Method Description	Protocol	Laboratory
420.4	Phenolics, Total Recoverable	EPA	EA POM
420.1 Distillat	Distillation/Phenolics	EPA	EA POM

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EA POM = Eurofins Eaton Analytical Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

Sample Summary

Client: BSK Associates
Project/Site: AHD3253

Job ID: 380-92752-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
380-92752-1	AHD3253-01 Spring Water	Water	04/23/24 08:00	04/24/24 10:17

BSK ASSOCIATES

SUBCONTRACT ORDER

AHD3253

380-92752 COC

SENDING LABORATORY:	RECEIVING LABORATORY:	SEND INVOICE TO:
BSK Associates Laboratory Fresno 687 N. Laverne Avenue Fresno, CA 93727 Phone: 559-497-2888 Fax: 559-485-6935 Project Manager: Sarah K. Guenther E-mail: sguenther@bskassociates.com	Eurofins Eaton Analytical - Pomona 941 Corporate Center Drive Pomona, CA 91768 Phone :(626) 386-1100 Fax: - Turnaround (Days): Standard QC Deliverables: I Std III IV	sguenther@bskassociates.com ap@bskassociates.com

Sample ID	Samp Desc		Sample Date
AHD3253-01	**Spring Water**	**Client Matrix** Water **Sampled By:** Ray Tackaberry	**04/23/2024 08:00**

Lab Matrix: Water

Analysis:
EXT-Phenolics Low Level

State Forms: **No** System Name:

(7521A) 6.4-0 2-6.2 gel-frozen

UPS: 12 93X 921 03 7907 5893

Released By	Date	Received By	Date
	4.23.24	Mark Urrutia	4/24/24 1017
Released By	Date	Received By	Date

Login Sample Receipt Checklist

Client: BSK Associates

Job Number: 380-92752-1

Login Number: 92752
List Number: 1
Creator: Edrosa, Rey

List Source: Eurofins Eaton Analytical Pomona

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

WECK LABORATORIES, INC.

Certificate of Analysis
FINAL REPORT

Work Order 4D24106

Project Name: BSK Analytical Laboratories
Project Number: AHD3253
P.O. #:

Report Date: 5/08/2024
Received Date: 4/24/2024 10:44 am
Turnaround Time: Normal
Billing Code:

Attn: Sarah Guenther
Client: BSK Analytical Laboratories - Fresno
687 N. Laverne Avenue
Fresno, CA 93727

Phones: (559) 497-2888
Fax: (559) 485-6935

Sample Results

Sample: AHD3253-01, Alias: Spring Water

4D24106-01 (Water) Sampled: 04/23/24 8:00 by Ray Tackaberry

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
1,4-Dioxane by SPE/GCMS SIM, EPA Method 522							
Method: EPA 522			**Instr:** GCMS20				
Batch ID: W4D2311	**Preparation:** EPA 522/SPE		**Prepared:** 04/29/24 08:12			**Analyst:** mld	
1,4-Dioxane	ND		0.070	ug/l	1	05/06/24	
Surrogate(s)							
1,4-Dioxane-d8	*73%*		*70-130*	*Conc: 7.27*		*05/06/24*	
Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods							
Method: SM 4500ClO2-D			**Instr:** UVVIS05				
Batch ID: W4D2092	**Preparation:** _NONE (WETCHEM)		**Prepared:** 04/24/24 16:54			**Analyst:** jls	
Chlorine Dioxide as ClO2	ND		0.095	mg/l	1	04/24/24	*

Quality Control Results

1,4-Dioxane by SPE/GCMS SIM, EPA Method 522

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W4D2311 - EPA 522/SPE										
Blank (W4D2311-BLK1)			Prepared: 04/29/24 Analyzed: 05/06/24							
1,4-Dioxane	ND	0.070	ug/l							
Surrogate(s)										
1,4-Dioxane-d8	*7.60*		*ug/l*	*10.0*		*76*	*70-130*			
LCS (W4D2311-BS1)			Prepared: 04/29/24 Analyzed: 05/06/24							
1,4-Dioxane	2.26	0.070	ug/l	2.00		113	70-130			
Surrogate(s)										
1,4-Dioxane-d8	*9.48*		*ug/l*	*10.0*		*95*	*70-130*			
LCS Dup (W4D2311-BSD1)			Prepared: 04/29/24 Analyzed: 05/06/24							
1,4-Dioxane	1.89	0.070	ug/l	2.00		95	70-130	18	30	
Surrogate(s)										
1,4-Dioxane-d8	*7.91*		*ug/l*	*10.0*		*79*	*70-130*			

Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W4D2092 - _NONE (WETCHEM)										
Blank (W4D2092-BLK1)			Prepared & Analyzed: 04/24/24							
Chlorine Dioxide as ClO2	ND	0.095	mg/l							
LCS (W4D2092-BS1)			Prepared & Analyzed: 04/24/24							
Chlorine Dioxide as ClO2	0.329	0.095	mg/l	0.380		87	85-110			
Duplicate (W4D2092-DUP1)	Source: 4D24106-01		Prepared & Analyzed: 04/24/24							
Chlorine Dioxide as ClO2	0.0209	0.095	mg/l		*0.0266*			24	15	R-03
Matrix Spike (W4D2092-MS1)	Source: 4D24106-01		Prepared & Analyzed: 04/24/24							
Chlorine Dioxide as ClO2	0.315	0.095	mg/l	0.380	*0.0266*	76	82-114			MS-01
Matrix Spike Dup (W4D2092-MSD1)	Source: 4D24106-01		Prepared & Analyzed: 04/24/24							
Chlorine Dioxide as ClO2	0.312	0.095	mg/l	0.380	*0.0266*	75	82-114	1	15	MS-01

Notes and Definitions

Item	Definition
*	The recommended holding time for this analysis is only 15 minutes. The sample was analyzed as soon as it was possible but it was received and analyzed past holding time.
MS-01	The spike recovery for this QC sample is outside of established control limits possibly due to sample matrix interference.
R-03	The RPD is not applicable for result below the reporting limit (either ND or J value).
%REC	Percent Recovery
Dil	Dilution
MRL	Method Reporting Limit (MRL) is the minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ)
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
RPD	Relative Percent Difference
Source	Sample that was matrix spiked or duplicated.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

All results are expressed on wet weight basis unless otherwise specified.

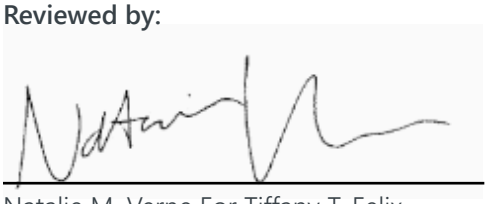
All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS002.

Analyses Accreditation

Analyte	CAS #	Not By ELAP-CA	Not By NELAP	Not By ANAB ISO 17025
SM 4500ClO2-D in Water				
Chlorine Dioxide as ClO2	10049-04-4			⊗

This laboratory report may contain results for target analytes that are not currently certifiable by the California Environmental Laboratory Accreditation Program (ELAP). ELAP is the state agency that accredits environmental testing laboratories in California<https://www.waterboards.ca.gov/drinking_water/certlic/labs/index.html>. ELAP certification is required for laboratories that perform testing for regulatory purposes, such as drinking water, wastewater, hazardous waste, and ambient water<https://www.waterboards.ca.gov/drinking_water/certlic/labs/apply.html>. However, ELAP does not certify all analytes or methods that a laboratory may offer. Therefore, some of the target analytes in this report may not have been tested under ELAP-approved methods or quality control procedures. The results for these analytes are provided for informational purposes only and should not be usea for regulatory compliance or decision making. Please contact the laboratory if you have any questions or concerns about the report.

Reviewed by:



Natalie M. Verne For Tiffany T. Felix
Project Manager

DoD-ELAP ANAB #ADE-2882 ● DoD-ISO ANAB # ● ELAP-CA #1132 ● EPA-UCMR #CA00211 ● ISO17025 ANAB #L2457.01 ● LACSD #10143 ● NELAP-OR #4047 ● NJ-DEP #CA015 ● NV-DEP #NAC 445A ● SCAQMD #93LA1006

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. The report may include analytes that are not currently accreditable by some state agencies or accrediting bodies. This analytical report must be reproduced in its entirety.

BSK ASSOCIATES

SUBCONTRACT ORDER

AHD3253

4/24/1006

SENDING LABORATORY:

BSK Associates Laboratory Fresno
687 N. Laverne Avenue
Fresno, CA 93727
Phone: 559-497-2888
Fax: 559-485-6935
Project Manager: Sarah K. Guenther
E-mail: sguenther@bskassociates.com

RECEIVING LABORATORY:

Weck Laboratories, Inc.
14859 E Clark Avenue
City of Industry, CA 91745-1396
Phone :(626) 336-2139
Fax: (626) 336-2634
Turnaround (Days): Standard
QC Deliverables: I Std III IV

SEND INVOICE TO:

sguenther@bskassociates.com

ap@bskassociates.com

Sample ID	Samp Desc		Sample Date
AHD3253-01	**Spring Water**	**Client Matrix** Water **Sampled By:** Ray Tackaberry	**04/23/2024 08:00**

Lab Matrix: Water

Analysis:
EXT-Chlorine Dioxide (24HR HT)
EXT-EPA 522 1,4-Dioxane

State Forms: **No** System Name:

Released By 4.23.24 Date — Received By UPS Date

UPS Released By 4/24/24 1044 Date — CSA Received By 4/24/24 1044 Date

T-0306/2.0c

WECK LABORATORIES, INC.

Sample Receipt Checklist

Weck WKO: **4D24106** Date/Time Received: 04/24/24 10:44

WKO Logged by: Jaime Gomez # of Samples: 01

Samples Checked by: Jaime Gomez Delivered by: UPS

	Task	Yes	No	N/A	Comments
COC	COC present at receipt?	☒	☐		
	COC properly completed?	☒	☐		
	COC matches sample labels?	☒	☐		
	Project Manager notified about COC discrepancy?	☐	☐	☒	
Receipt Information	Sample Temperature	2.6 °C			
	Samples received on ice?	☒	☐		
	Ice Type (Blue/Wet)				
	All samples intact?	☒	☐		
	Samples in proper containers?	☒	☐		
	Sufficient sample volume?	☒	☐		
	Samples intact?	☒	☐		
	Received within holding time?	☒	☐		
	Project Manager notified about receipt info?	☐	☒	☐	
Sample Preservation Verification?	Sample labels checked for correct preservation?	☒	☐	☐	
	VOC Headspace: (No) none, If Yes (see comment) 524.2, 524.3, 624.1, 8260, 1666 P/T, LUFT	☐	☐	☒	☐<6mm/Pea Size?
	pH verified upon receipt? Metals <2; H2SO4 pres tests <2; 522<4; TOC <2; 508.1, 525.2<2, 6710B<2, 608.3 5-9	☒	☐	☐	pH paper Lot# 310689
	Free Chlorine Tested <0.1 (Organics Analyses)	☒	☐	☐	Cl Test Strip Lot# 032R325
	O&G pH <2 verified?	☐	☐	☐	pH paper Lot# pH Reading:
	pH adjusted for O&G	☐	☐	☐	Acid Lot# Amt added:
	Project Manager notified about sample preservation?	☐	☐	☐	

PM Comments

Sample Receipt Checklist Completed by:

Signature: Jaime Gomez Date: 04/24/24

BG230406

McCampbell Analytical, Inc.
"When Quality Counts"

Analytical Report

WorkOrder: 2405619

Report Created for: BSK Analytical Laboratories

687 N. Laverne Ave
Fresno, CA 93727

Project Contact: Sarah K. Guenther
Project P.O.:
Project: AHD3253

Project Location:
Project Received: 05/08/2024

Analytical Report reviewed & approved for release on 05/15/2024 by:

Christine Askari
Project Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: BSK Analytical Laboratories **WorkOrder:** 2405619

Project: AHD3253

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range
SPK Val	Spike Value

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: BSK Analytical Laboratories **WorkOrder:** 2405619

Project: AHD3253

SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	BSK Analytical Laboratories	**WorkOrder:**	2405619
Date Received:	05/08/2024 10:24	**Extraction Method:**	E531.1
Date Prepared:	05/13/2024	**Analytical Method:**	E531.1
Project:	AHD3253	**Unit:**	µg/L

Carbamates by HPLC with Derivatization

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
AHD3253-01 Spring Water	2405619-001A	Water	04/23/2024 08:00	HPLC1 051324000019.D	293620

Analytes	Result	RL	DF	Date Analyzed
3-Hydroxycarbofuran	ND	2.0	1	05/14/2024 05:21
Aldicarb (Temik)	ND	2.0	1	05/14/2024 05:21
Aldicarb sulfoxide	ND	2.0	1	05/14/2024 05:21
Aldoxycarb (Aldicarb Sulfone)	ND	2.0	1	05/14/2024 05:21
Carbaryl (Sevin)	ND	2.0	1	05/14/2024 05:21
Carbofuran (Furadan)	ND	2.0	1	05/14/2024 05:21
Methiocarb (Mesurol)	ND	2.0	1	05/14/2024 05:21
Methomyl (Lannate)	ND	2.0	1	05/14/2024 05:21
Oxamyl	ND	2.0	1	05/14/2024 05:21
Propoxur (Baygon)	ND	2.0	1	05/14/2024 05:21

Surrogates	REC (%)	Limits	
BDMC	91	65-135	05/14/2024 05:21

Analyst(s): HAD

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Quality Control Report

Client:	BSK Analytical Laboratories	**WorkOrder:**	2405619
Date Prepared:	05/13/2024	**BatchID:**	293620
Date Analyzed:	05/13/2024	**Extraction Method:**	E531.1
Instrument:	HPLC1	**Analytical Method:**	E531.1
Matrix:	Drinking Water	**Unit:**	µg/L
Project:	AHD3253	**Sample ID:**	MB/LCS/LCSD-293620

QC Summary Report for E531.1

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
3-Hydroxycarbofuran	ND	1.2	2.0	-	-	-
Aldicarb (Temik)	ND	1.3	2.0	-	-	-
Aldicarb sulfoxide	ND	1.2	2.0	-	-	-
Aldoxycarb (Aldicarb Sulfone)	ND	1.2	2.0	-	-	-
Carbaryl (Sevin)	ND	1.4	2.0	-	-	-
Carbofuran (Furadan)	ND	1.2	2.0	-	-	-
Methiocarb (Mesurol)	ND	1.0	2.0	-	-	-
Methomyl (Lannate)	ND	0.83	2.0	-	-	-
Oxamyl	ND	1.1	2.0	-	-	-
Propoxur (Baygon)	ND	0.87	2.0	-	-	-
Surrogate Recovery						
BDMC	85			100	85	80-120

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
3-Hydroxycarbofuran	46	45	50	91	90	80-120	1.41	20
Aldicarb (Temik)	49	48	50	98	96	80-120	2.05	20
Aldicarb sulfoxide	46	46	50	92	91	80-120	1.45	20
Aldoxycarb (Aldicarb Sulfone)	46	45	50	92	90	80-120	1.68	20
Carbaryl (Sevin)	46	46	50	92	91	80-120	0.874	20
Carbofuran (Furadan)	48	48	50	96	96	80-120	0.850	20
Methiocarb (Mesurol)	45	44	50	89	87	80-120	2.02	20
Methomyl (Lannate)	48	48	50	97	95	80-120	1.63	20
Oxamyl	46	45	50	92	90	80-120	1.41	20
Propoxur (Baygon)	47	47	50	94	93	80-120	1.42	20
Surrogate Recovery								
BDMC	85	85	100	85	85	80-120	0.446	20

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2405619 **ClientCode: BSKF** **QuoteID: 243145**

☐ WaterTrax ☐ CLIP ☐ EDF ☒ EQuIS ☒ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☒ Detection Summary ☐ Excel

Report to:
Sarah K. Guenther
BSK Analytical Laboratories
687 N. Laverne Ave
Fresno, CA 93727
(559) 497-2888 FAX: (559) 485-6935

Email: sguenther@bskassociates.com; jdella@bs
cc/3rd Party:
PO:
Project: AHD3253

Bill to:
Accounts Payable
BSK Analytical Laboratories
687 N. Laverne Ave
Fresno, CA 93727
ap@bskassociates.com

Requested TAT: **5 days;**

Date Received: **05/08/2024**
Date Logged: **05/08/2024**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2405619-001	AHD3253-01 Spring Water	Water	4/23/2024 08:00	☐	A	A										

Test Legend:

1	531_1_W	2	PRDisposal Fee	3		4	
5		6		7		8	
9		10		11		12	

Project Manager: Yen Cao

Prepared by: Natalie Zaragoza

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: BSK ANALYTICAL LABORATORIES **Project:** AHD3253 **Work Order:** 2405619

Client Contact: Sarah K. Guenther **QC Level:** LEVEL 2

Contact's Email: sguenther@bskassociates.com; jdella@bskassociates.com **Comments:** **Date Logged:** 5/8/2024

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	AHD3253-01 Spring Water	Water	E531.1 (Carbamates) <3-Hydroxycarbofuran, Aldicarb (Temik), Aldicarb sulfoxide, Aldoxycarb (Aldicarb Sulfone), Carbaryl (Sevin), Carbofuran (Furadan), Methiocarb (Mesurol), Methomyl (Lannate), Oxamyl, Propoxur (Baygon)>	1	VOA, MCAA + Na2SO3	☐	☐	☐	4/23/2024 8:00	5 days	5/15/2024	None	☐	☐

NOTES: *** STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

BSK ASSOCIATES®

SUBCONTRACT ORDER

AHD3253

2405619

SENDING LABORATORY:

BSK Associates Laboratory Fresno
687 N. Laverne Avenue
Fresno, CA 93727
Phone: 559-497-2888
Fax: 559-485-6935
Project Manager: Sarah K. Guenther
E-mail: sguenther@bskassociates.com

RECEIVING LABORATORY:

McCampbell Analytical, Inc.
1534 Willow Pass Road
Pittsburg, CA 94565-1701
Phone :(925) 252-9262
Fax: (925) 252-9269
Turnaround (Days): Standard
QC Deliverables: I Std III IV

SEND INVOICE TO:

sguenther@bskassociates.com

ap@bskassociates.com

Sample ID	Samp Desc	Comments	Sample Date
AHD3253-01	**Spring Water**	**Client Matrix** Water **Sampled By:** Ray Tackaberry	**04/23/2024 08:00**
Lab Matrix:	Water		
	Analysis: EPA 531.1	Quote 243145	

State Forms: **No** System Name: _____

Released By	Date	Received By	Date
	5.7.24		
Released By	Date	Received By	Date
UPS: 1Z93X9210379152951			5/8/24 1024

0.4wet

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Sample Receipt Checklist

Client Name:	BSK Analytical Laboratories	Date and Time Received:	5/8/2024 10:24
Project:	AHD3253	Date Logged:	5/8/2024
		Received by:	Natalie Zaragoza
WorkOrder №:	2405619 Matrix:	Logged by:	Natalie Zaragoza
Carrier:	UPS		

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Sample IDs noted by Client on COC?	Yes ☑	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐	
Sampler's name noted on COC?	Yes ☑	No ☐	
COC agrees with Quote?	Yes ☑	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Samples Received on Ice?	Yes ☑	No ☐	
(Ice Type: WET ICE)			
Sample/Temp Blank temperature	Temp: 0.4°C		NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☐	No ☐	NA ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
UCMR Samples:			
pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐	No ☐	NA ☑

Comments:

May 14, 2024

BSK Associates Engineers & Laboratories
687 N. Laverne Ave.
Fresno, CA 93727

Lab No. : **SP 2406234**
Customer No. : **2022939**

Laboratory Report

Introduction: This report package contains a total of 3 pages divided into 3 sections:

Case Narrative	(1 page)	: An overview of the work performed at FGL.
Sample Results	(1 page)	: Results for each sample submitted.
Quality Control	(1 page)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab No.	Matrix
Spring Water	04/23/2024	04/24/2024	SP 2406234-001	W

Sampling and Receipt Information:

The Sample was received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. The Sample was received, prepared and analyzed within the method specified holding times. All samples arrived at 17 ° C. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the associated Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to established quality control criteria. Any exceptions are noted in the Quality Control Section of this report.

Test Summary	
EPA 900.0	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA 903.0	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA RA-05	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)

Certification: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above and in the QC Section. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature. This report shall not be reproduced except in full, without the written approval of the laboratory.

KD: KVC

Approved By **David Terz, B.A., M.B.A.** Digitally signed by David Terz, B.A., M.B.A.
Title: QA Director
Date: 2024-05-15

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Santa Paula, CA 93060
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FAX: (805)783-2912
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Visalia, CA 93291
TEL: (559)734-9473
FAX:
CA ELAP Certification No. 2810

May 14, 2024

BSK Associates Engineers & Laboratories
687 N. Laverne Ave.
Fresno, CA 93727

Description : Spring Water
Project : AHD3253

Lab No. : SP 2406234-001
Customer No. : 2022939

Sampled On : April 23, 2024 at 08:00
Sampled By : Ray Tackaberry
Received On : April 24, 2024 at 10:00
Matrix : Water

Sample Results - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation			Sample Analysis			
Radio Chemistry						Date	Time	Who	Method	Date	Time	Who
Gross Alpha	0.593 ± 0.362	0.187	pCi/L	15/5		05/07/2024	07:45	amr	EPA 900.0	05/09/2024	11:12	amr
Gross Beta	5.59 ± 0.762	0.0913	pCi/L		h	05/07/2024	07:45	amr	EPA 900.0	05/09/2024	11:12	amr
Total Alpha Radium (226)	0.176 ± 0.229	0.410	pCi/L			05/06/2024	18:20	emv	EPA 903.0	05/08/2024	09:44	amr
Ra 228	0.129 ± 0.916	0.0506	pCi/L			05/05/2024	12:00	emv	EPA RA-05	05/07/2024	18:30	amr

DQF Flags Definition:
h The MS/MSD did not meet QC criteria.

ND=Non-Detected, RL=Reporting Level

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.
MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).
AV = Assigned Value(Gross Alpha Result + (0.84 x Error)). CCR Section 64442: Drinking Water Compliance Note: Do the following If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L run Radium 226.

Drinking Water Compliance:
Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L
Uranium is less than or equal to 20 pCi/L
Radium 226 + Radium 228 is less than or equal to 5 pCi/L

Note: Samples are held for 3-6 months prior to disposal.

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FAX: (530)343-3807
CA ELAP Certification No. 2670

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CA ELAP Certification No. 2775

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Visalia, CA 93291
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FAX:
CA ELAP Certification No. 2810

May 14, 2024

BSK Associates

Lab No. : SP 2406234
Customer No. : 2022939

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Gross Alpha	900.0	05/07/2024:205059AMR	Blank	pCi/L		ND	<1.9499	
			LCS	pCi/L	128.2	80.8%	50-135	
			MS	pCi/L	128.2	79.2%	60-140	
		(SP 2406655-001)	MSD	pCi/L	128.2	101%	60-140	
			MSRPD	pCi/L		24.0%	≤30	
Gross Beta	900.0	05/07/2024:205059AMR	Blank	pCi/L		ND	<1.8226	
			LCS	pCi/L	18.58	119%	60-126	
			MS	pCi/L	18.58	137%	80-130	435
		(SP 2406655-001)	MSD	pCi/L	18.58	134%	80-130	435
			MSRPD	pCi/L		2.1%	≤30	
Total Radium	903.0	05/06/2024:204566EMV	RgBlk	pCi/L		0.043686	0.40957	
			LCS	pCi/L	21.92	74.6%	52-107	
			BS	pCi/L	21.92	89.2%	43-111	
			BSD	pCi/L	21.92	83.6%	43-111	
			BSRPD	pCi/L		6.4%	≤35.5	
Radium - 228	Ra - 05	05/05/2024:204565EMV	RgBlk	pCi/L		0.64153	0.046687	
			LRS	pCi/L	21.79	73.0%	65-108	
			BS	pCi/L	21.79	92.2%	75-125	
			BSD	pCi/L	21.79	85.1%	75-125	
			BSRPD	pCi/L		8.0%	≤25	

Definition

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
BS : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
BSD : Blank Spike Duplicate of BS/BSD pair - A blank duplicate is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
BSRPD : BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
LRS : Laboratory Recovery Standard - Prepared to establish the batch recovery factor used in result calculations.
MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND : Non-detect - Result was below the DQO listed for the analyte.
RgBlk : Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.

Explanation

435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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FAX: (559)734-8435
CA ELAP Certification No. 2810

BSK ASSOCIATES

SUBCONTRACT ORDER

AHD3253

24062234

SENDING LABORATORY:

BSK Associates Laboratory Fresno
687 N. Laverne Avenue
Fresno, CA 93727
Phone: 559-497-2888
Fax: 559-485-6935
Project Manager: Sarah K. Guenther
E-mail: sguenther@bskassociates.com

RECEIVING LABORATORY:

FGL Environmental
P.O. Box 272 / 853 Corporation
Santa Paula, CA 93060
Phone :(805) 392-2000
Fax: (805) 525-4172
Turnaround (Days): Standard
QC Deliverables: I Std III IV

SEND INVOICE TO:

sguenther@bskassociates.com

ap@bskassociates.com

Sample ID	Samp Desc		Sample Date
AHD3253-01	**Spring Water**	**Client Matrix** Water **Sampled By:** Ray Tackaberry	**04/23/2024 08:00**

Lab Matrix: Water

Analysis:
EXT-Gross Alpha and Beta
EXT-Radium 226-DW Matrix
EXT-Radium 228-DW Matrix

State Forms: **No** System Name: _____

RUSH!

UPS GROUND
TRACKING #: 1Z 93X 921 03 7971 7323

Released By	Date	Received By	Date
	4.23.24		
UPS	4/24/24 1000	mc	4/24/24 1000
Released By	Date	Received By	Date

17c TH263

Condition Upon Receipt (Attach to COC) SP 2406234

Sample Receipt at SP:

1. Number of ice chests/packages received: **1**
2. Shipper tracking number(s) **1Z 93X 921 03 7971 7323**
3. Temp IR Gun ID#: **TH263**
4. Were samples received on Ice? **Yes** **No** Temps: **17** / / / / / /
5. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
6. Do the number of bottles received agree with the COC? **Yes** **No** **N/A**
7. Verify sample date, time, sampler **Yes** **No**
8. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) **Yes** **No**

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? **Yes** **No**
2. Did bottle labels correspond with the client's ID's? **Yes** **No**
3. Were all bottles requiring sample preservation properly preserved? **Yes** **No** **N/A** **FGL**
   [Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? **Yes** **No** **N/A**
5. Were all analyses within holding times at time of receipt? **Yes** **No**
6. Have rush or project due dates been checked and accepted? **Yes** **No** **N/A**

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by: Reviewed and Approved By **Matthew Casas** Digitally signed by Matthew Casas Title: Sample Receiving Date: 04/24/2024-10:43:17

Discrepency Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

2. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

(2022939)
BSK Associates
SP 2406234
MDC-04/24/2024-10:43:17

BSK Associates Laboratory Fresno
687 N. Laverne Avenue
Fresno, CA 93727
559-497-2888 (Main)

AHD3257
5/06/2024
Invoice: AH10868

Ray Tackaberry
Adobe Springs Water
50 N. Salado Avenue, Unit 1417
Patterson, CA 95363

RE: Report for AHD3257 Title 21

Dear Ray Tackaberry,

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 4/23/2024. 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.

If additional clarification of any information is required, please contact your Project Manager, Sarah K. Guenther , at 559-497-2888.

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

Sincerely,

Sarah K. Guenther, Senior Project Manager

Accredited in Accordance with NELAP
ORELAP #4021

Case Narrative

Project and Report Details		Invoice Details	
Client:	Adobe Springs Water	**Invoice To:**	Adobe Springs Water
Report To:	Ray Tackaberry	**Invoice Attn:**	Ray Tackaberry
Project #:	PFAS Testing	**Project PO#:**	-
Received:	4/23/2024 - 11:57		
Report Due:	5/07/2024		

Sample Receipt Conditions

Cooler: Default Cooler
Temperature on Receipt ºC: 10.7

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-FAL

Data Qualifiers

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

MS1.6 Matrix Spike recovery meets the wider acceptance criteria of 50-150% when the spike level is at or below the reporting limit (RL).

Certificate of Analysis

Sample ID: AHD3257-01
Sampled By: Ray Tackaberry
Sample Description: Spring Water

Sample Date - Time: 04/23/2024 - 08:00
Matrix: Water
Sample Type: Grab

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
PFAS Short Chain									
11Cl-PF3OUdS	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
9Cl-PF3ONS	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
ADONA	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
HFPO-DA	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
NFDHA	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFBA	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFBS	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
8:2 FTS	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFDA	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFDoA	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFEESA	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFHpS	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFHpA	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
4:2 FTS	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFHxS	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFHxA	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFMPA	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFMBA	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFNA	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
6:2 FTS	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFOS	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFOA	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFPeA	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFPeS	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
PFUnDA	EPA 533	ND	2.0	ng/L	1	AHD1847	04/29/24	05/01/24	
Surrogate: S-13C4-PFBA	EPA 533	93 %	*Acceptable range: 50-200 %*						
Surrogate: S-13C5PFPeA	EPA 533	97 %	*Acceptable range: 50-200 %*						
Surrogate: S-13C3-PFBS	EPA 533	92 %	*Acceptable range: 50-200 %*						
Surrogate: S-13C2-4:2FTS	EPA 533	103 %	*Acceptable range: 50-200 %*						
Surrogate: S-13C5PFHxA	EPA 533	94 %	*Acceptable range: 50-200 %*						
Surrogate: S-13C3-HFPO-DA	EPA 533	89 %	*Acceptable range: 50-200 %*						
Surrogate: S-13C4PFHpA	EPA 533	94 %	*Acceptable range: 50-200 %*						
Surrogate: S-13C3-PFHxS	EPA 533	96 %	*Acceptable range: 50-200 %*						
Surrogate: S-13C2-6:2FTS	EPA 533	101 %	*Acceptable range: 50-200 %*						
Surrogate: S-13C8PFOA	EPA 533	78 %	*Acceptable range: 50-200 %*						
Surrogate: S-13C9PFNA	EPA 533	90 %	*Acceptable range: 50-200 %*						
Surrogate: S-13C8-PFOS	EPA 533	100 %	*Acceptable range: 50-200 %*						
Surrogate: S-13C2-8:2FTS	EPA 533	85 %	*Acceptable range: 50-200 %*						
Surrogate: S-13C6PFDA	EPA 533	85 %	*Acceptable range: 50-200 %*						
Surrogate: S-13C7-PFUnDA	EPA 533	87 %	*Acceptable range: 50-200 %*						
Surrogate: S-13C2PFDoA	EPA 533	89 %	*Acceptable range: 50-200 %*						

Certificate of Analysis

Sample ID: AHD3257-01
Sampled By: Ray Tackaberry
Sample Description: Spring Water

Sample Date - Time: 04/23/2024 - 08:00
Matrix: Water
Sample Type: Grab

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 533 - Quality Control											
Batch: AHD1847										Prepared: 4/29/2024	
Prep Method: EPA 533										Analyst: JNG	
Blank (AHD1847-BLK1)											
11Cl-PF3OUdS	ND	2.0	ng/L							05/01/24	
9Cl-PF3ONS	ND	2.0	ng/L							05/01/24	
ADONA	ND	2.0	ng/L							05/01/24	
HFPO-DA	ND	2.0	ng/L							05/01/24	
NFDHA	ND	2.0	ng/L							05/01/24	
PFBA	ND	2.0	ng/L							05/01/24	
PFBS	ND	2.0	ng/L							05/01/24	
8:2 FTS	ND	2.0	ng/L							05/01/24	
PFDA	ND	2.0	ng/L							05/01/24	
PFDoA	ND	2.0	ng/L							05/01/24	
PFEESA	ND	2.0	ng/L							05/01/24	
PFHpS	ND	2.0	ng/L							05/01/24	
PFHpA	ND	2.0	ng/L							05/01/24	
4:2 FTS	ND	2.0	ng/L							05/01/24	
PFHxS	ND	2.0	ng/L							05/01/24	
PFHxA	ND	2.0	ng/L							05/01/24	
PFMPA	ND	2.0	ng/L							05/01/24	
PFMBA	ND	2.0	ng/L							05/01/24	
PFNA	ND	2.0	ng/L							05/01/24	
6:2 FTS	ND	2.0	ng/L							05/01/24	
PFOS	ND	2.0	ng/L							05/01/24	
PFOA	ND	2.0	ng/L							05/01/24	
PFPeA	ND	2.0	ng/L							05/01/24	
PFPeS	ND	2.0	ng/L							05/01/24	
PFUnDA	ND	2.0	ng/L							05/01/24	
Surrogate: S-13C4-PFBA	*29*			*40*		*74*	*50-200*			05/01/24	
Surrogate: S-13C5PFPeA	*29*			*40*		*73*	*50-200*			05/01/24	
Surrogate: S-13C3-PFBS	*37*			*40*		*93*	*50-200*			05/01/24	
Surrogate: S-13C2-4:2FTS	*150*			*160*		*97*	*50-200*			05/01/24	
Surrogate: S-13C5PFHxA	*31*			*40*		*79*	*50-200*			05/01/24	
Surrogate: S-13C3-HFPO-DA	*33*			*40*		*83*	*50-200*			05/01/24	
Surrogate: S-13C4PFHpA	*32*			*40*		*80*	*50-200*			05/01/24	
Surrogate: S-13C3-PFHxS	*38*			*40*		*94*	*50-200*			05/01/24	
Surrogate: S-13C2-6:2FTS	*140*			*160*		*90*	*50-200*			05/01/24	
Surrogate: S-13C8PFOA	*27*			*40*		*68*	*50-200*			05/01/24	
Surrogate: S-13C9PFNA	*32*			*40*		*80*	*50-200*			05/01/24	
Surrogate: S-13C8-PFOS	*38*			*40*		*96*	*50-200*			05/01/24	
Surrogate: S-13C2-8:2FTS	*150*			*160*		*92*	*50-200*			05/01/24	
Surrogate: S-13C6PFDA	*33*			*40*		*83*	*50-200*			05/01/24	
Surrogate: S-13C7-PFUnDA	*34*			*40*		*85*	*50-200*			05/01/24	
Surrogate: S-13C2PFDoA	*36*			*40*		*90*	*50-200*			05/01/24	
Blank Spike (AHD1847-BS1)											
11Cl-PF3OUdS	31	2.0	ng/L	30	ND	104	70-130			05/01/24	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 533 - Quality Control											
Batch: AHD1847										Prepared: 4/29/2024	
Prep Method: EPA 533										Analyst: JNG	
Blank Spike (AHD1847-BS1)											
9Cl-PF3ONS	31	2.0	ng/L	30	ND	104	70-130			05/01/24	
ADONA	29	2.0	ng/L	30	ND	98	70-130			05/01/24	
HFPO-DA	26	2.0	ng/L	30	ND	87	70-130			05/01/24	
NFDHA	28	2.0	ng/L	30	ND	93	70-130			05/01/24	
PFBA	32	2.0	ng/L	30	ND	105	70-130			05/01/24	
PFBS	32	2.0	ng/L	30	ND	107	70-130			05/01/24	
8:2 FTS	30	2.0	ng/L	30	ND	99	70-130			05/01/24	
PFDA	30	2.0	ng/L	30	ND	101	70-130			05/01/24	
PFDoA	31	2.0	ng/L	30	ND	103	70-130			05/01/24	
PFEESA	33	2.0	ng/L	30	ND	111	70-130			05/01/24	
PFHpS	31	2.0	ng/L	30	ND	105	70-130			05/01/24	
PFHpA	30	2.0	ng/L	30	ND	99	70-130			05/01/24	
4:2 FTS	32	2.0	ng/L	30	ND	108	70-130			05/01/24	
PFHxS	32	2.0	ng/L	30	ND	107	70-130			05/01/24	
PFHxA	32	2.0	ng/L	30	ND	107	70-130			05/01/24	
PFMPA	31	2.0	ng/L	30	ND	104	70-130			05/01/24	
PFMBA	31	2.0	ng/L	30	ND	103	70-130			05/01/24	
PFNA	32	2.0	ng/L	30	ND	106	70-130			05/01/24	
6:2 FTS	28	2.0	ng/L	30	ND	95	70-130			05/01/24	
PFOS	32	2.0	ng/L	30	ND	107	70-130			05/01/24	
PFOA	34	2.0	ng/L	30	ND	114	70-130			05/01/24	
PFPeA	32	2.0	ng/L	30	ND	106	70-130			05/01/24	
PFPeS	33	2.0	ng/L	30	ND	110	70-130			05/01/24	
PFUnDA	31	2.0	ng/L	30	ND	104	50-150			05/01/24	
Surrogate: S-13C4-PFBA	*35*			*40*		*87*	*50-200*			05/01/24	
Surrogate: S-13C5PFPeA	*36*			*40*		*89*	*50-200*			05/01/24	
Surrogate: S-13C3-PFBS	*39*			*40*		*97*	*50-200*			05/01/24	
Surrogate: S-13C2-4:2FTS	*170*			*160*		*104*	*50-200*			05/01/24	
Surrogate: S-13C5PFHxA	*34*			*40*		*85*	*50-200*			05/01/24	
Surrogate: S-13C3-HFPO-DA	*42*			*40*		*105*	*50-200*			05/01/24	
Surrogate: S-13C4PFHpA	*37*			*40*		*94*	*50-200*			05/01/24	
Surrogate: S-13C3-PFHxS	*39*			*40*		*97*	*50-200*			05/01/24	
Surrogate: S-13C2-6:2FTS	*160*			*160*		*100*	*50-200*			05/01/24	
Surrogate: S-13C8PFOA	*30*			*40*		*76*	*50-200*			05/01/24	
Surrogate: S-13C9PFNA	*35*			*40*		*88*	*50-200*			05/01/24	
Surrogate: S-13C8-PFOS	*39*			*40*		*99*	*50-200*			05/01/24	
Surrogate: S-13C2-8:2FTS	*150*			*160*		*96*	*50-200*			05/01/24	
Surrogate: S-13C6PFDA	*34*			*40*		*86*	*50-200*			05/01/24	
Surrogate: S-13C7-PFUnDA	*34*			*40*		*86*	*50-200*			05/01/24	
Surrogate: S-13C2PFDoA	*37*			*40*		*91*	*50-200*			05/01/24	
Matrix Spike (AHD1847-MS1), Source: AHD3900-01											
11Cl-PF3OUdS	2.0	2.0	ng/L	1.9	ND	104	70-130			05/01/24	
9Cl-PF3ONS	1.9	2.0	ng/L	1.9	ND	100	70-130			05/01/24	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 533 - Quality Control											
Batch: AHD1847										Prepared: 4/29/2024	
Prep Method: EPA 533										Analyst: JNG	
Matrix Spike (AHD1847-MS1), Source: AHD3900-01											
ADONA	1.9	2.0	ng/L	1.9	ND	99	70-130			05/01/24	
HFPO-DA	1.8	2.0	ng/L	1.9	ND	95	70-130			05/01/24	
NFDHA	1.7	2.0	ng/L	1.9	ND	86	70-130			05/01/24	
PFBA	4.4	2.0	ng/L	1.9	2.4	102	70-130			05/01/24	
PFBS	8.5	2.0	ng/L	1.9	6.1	121	70-130			05/01/24	
8:2 FTS	1.6	2.0	ng/L	1.9	ND	81	70-130			05/01/24	
PFDA	2.2	2.0	ng/L	1.9	ND	111	70-130			05/01/24	
PFDoA	1.9	2.0	ng/L	1.9	ND	97	70-130			05/01/24	
PFEESA	2.1	2.0	ng/L	1.9	ND	108	70-130			05/01/24	
PFHpS	2.6	2.0	ng/L	1.9	ND	136	70-130			05/01/24	MS1.6 ***High***
PFHpA	4.1	2.0	ng/L	1.9	2.1	99	70-130			05/01/24	
4:2 FTS	2.2	2.0	ng/L	1.9	ND	115	70-130			05/01/24	
PFHxS	16	2.0	ng/L	1.9	14	107	70-130			05/01/24	
PFHxA	5.7	2.0	ng/L	1.9	3.8	100	70-130			05/01/24	
PFMPA	1.9	2.0	ng/L	1.9	ND	97	70-130			05/01/24	
PFMBA	2.0	2.0	ng/L	1.9	ND	106	70-130			05/01/24	
PFNA	2.1	2.0	ng/L	1.9	ND	111	70-130			05/01/24	
6:2 FTS	1.9	2.0	ng/L	1.9	ND	98	70-130			05/01/24	
PFOS	20	2.0	ng/L	1.9	18	102	70-130			05/01/24	
PFOA	7.6	2.0	ng/L	1.9	5.5	111	70-130			05/01/24	
PFPeA	5.6	2.0	ng/L	1.9	3.5	111	70-130			05/01/24	
PFPeS	4.5	2.0	ng/L	1.9	2.7	95	70-130			05/01/24	
PFUnDA	2.0	2.0	ng/L	1.9	ND	104	70-130			05/01/24	
Surrogate: S-13C4-PFBA	*34*			*39*		*87*	*50-200*			05/01/24	
Surrogate: S-13C5PFPeA	*35*			*39*		*91*	*50-200*			05/01/24	
Surrogate: S-13C3-PFBS	*35*			*39*		*91*	*50-200*			05/01/24	
Surrogate: S-13C2-4:2FTS	*160*			*150*		*102*	*50-200*			05/01/24	
Surrogate: S-13C5PFHxA	*34*			*39*		*87*	*50-200*			05/01/24	
Surrogate: S-13C3-HFPO-DA	*32*			*39*		*84*	*50-200*			05/01/24	
Surrogate: S-13C4PFHpA	*34*			*39*		*87*	*50-200*			05/01/24	
Surrogate: S-13C3-PFHxS	*36*			*39*		*93*	*50-200*			05/01/24	
Surrogate: S-13C2-6:2FTS	*140*			*150*		*93*	*50-200*			05/01/24	
Surrogate: S-13C8PFOA	*27*			*39*		*69*	*50-200*			05/01/24	
Surrogate: S-13C9PFNA	*31*			*39*		*79*	*50-200*			05/01/24	
Surrogate: S-13C8-PFOS	*36*			*39*		*94*	*50-200*			05/01/24	
Surrogate: S-13C2-8:2FTS	*150*			*150*		*96*	*50-200*			05/01/24	
Surrogate: S-13C6PFDA	*31*			*39*		*80*	*50-200*			05/01/24	
Surrogate: S-13C7-PFUnDA	*32*			*39*		*82*	*50-200*			05/01/24	
Surrogate: S-13C2PFDoA	*34*			*39*		*87*	*50-200*			05/01/24	
Matrix Spike Dup (AHD1847-MSD1), Source: AHD3900-01											
11Cl-PF3OUdS	1.9	2.0	ng/L	2.0	ND	97	70-130	5	30	05/01/24	
9Cl-PF3ONS	1.9	2.0	ng/L	2.0	ND	99	70-130	0	30	05/01/24	
ADONA	2.1	2.0	ng/L	2.0	ND	104	70-130	7	30	05/01/24	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 533 - Quality Control											
Batch: AHD1847										Prepared: 4/29/2024	
Prep Method: EPA 533										Analyst: JNG	
Matrix Spike Dup (AHD1847-MSD1), Source: AHD3900-01											
HFPO-DA	2.0	2.0	ng/L	2.0	ND	104	70-130	11	30	05/01/24	
NFDHA	1.9	2.0	ng/L	2.0	ND	95	70-130	12	30	05/01/24	
PFBA	4.3	2.0	ng/L	2.0	2.4	94	70-130	3	30	05/01/24	
PFBS	8.1	2.0	ng/L	2.0	6.1	101	70-130	4	30	05/01/24	
8:2 FTS	1.7	2.0	ng/L	2.0	ND	88	70-130	10	30	05/01/24	
PFDA	1.9	2.0	ng/L	2.0	ND	98	70-130	11	30	05/01/24	
PFDoA	2.0	2.0	ng/L	2.0	ND	101	70-130	6	30	05/01/24	
PFEESA	2.2	2.0	ng/L	2.0	ND	112	70-130	6	30	05/01/24	
PFHpS	2.7	2.0	ng/L	2.0	ND	137	70-130	3	30	05/01/24	MS1.6 ***High***
PFHpA	4.1	2.0	ng/L	2.0	2.1	101	70-130	2	30	05/01/24	
4:2 FTS	2.5	2.0	ng/L	2.0	ND	126	70-130	11	30	05/01/24	
PFHxS	16	2.0	ng/L	2.0	14	107	70-130	0	30	05/01/24	
PFHxA	5.8	2.0	ng/L	2.0	3.8	102	70-130	1	30	05/01/24	
PFMPA	2.1	2.0	ng/L	2.0	ND	107	70-130	12	30	05/01/24	
PFMBA	2.2	2.0	ng/L	2.0	ND	110	70-130	6	30	05/01/24	
PFNA	2.4	2.0	ng/L	2.0	ND	120	70-130	9	30	05/01/24	
6:2 FTS	1.9	2.0	ng/L	2.0	ND	95	70-130	1	30	05/01/24	
PFOS	21	2.0	ng/L	2.0	18	109	70-130	1	30	05/01/24	
PFOA	7.2	2.0	ng/L	2.0	5.5	90	70-130	5	30	05/01/24	
PFPeA	5.9	2.0	ng/L	2.0	3.5	123	70-130	5	30	05/01/24	
PFPeS	4.8	2.0	ng/L	2.0	2.7	106	70-130	5	30	05/01/24	
PFUnDA	2.1	2.0	ng/L	2.0	ND	107	70-130	5	30	05/01/24	
Surrogate: S-13C4-PFBA	*35*			*39*		*89*	*50-200*			05/01/24	
Surrogate: S-13C5PFPeA	*38*			*39*		*96*	*50-200*			05/01/24	
Surrogate: S-13C3-PFBS	*37*			*39*		*94*	*50-200*			05/01/24	
Surrogate: S-13C2-4:2FTS	*150*			*160*		*95*	*50-200*			05/01/24	
Surrogate: S-13C5PFHxA	*39*			*39*		*99*	*50-200*			05/01/24	
Surrogate: S-13C3-HFPO-DA	*39*			*39*		*99*	*50-200*			05/01/24	
Surrogate: S-13C4PFHpA	*39*			*39*		*100*	*50-200*			05/01/24	
Surrogate: S-13C3-PFHxS	*36*			*39*		*91*	*50-200*			05/01/24	
Surrogate: S-13C2-6:2FTS	*150*			*160*		*95*	*50-200*			05/01/24	
Surrogate: S-13C8PFOA	*33*			*39*		*85*	*50-200*			05/01/24	
Surrogate: S-13C9PFNA	*37*			*39*		*95*	*50-200*			05/01/24	
Surrogate: S-13C8-PFOS	*37*			*39*		*95*	*50-200*			05/01/24	
Surrogate: S-13C2-8:2FTS	*150*			*160*		*95*	*50-200*			05/01/24	
Surrogate: S-13C6PFDA	*36*			*39*		*93*	*50-200*			05/01/24	
Surrogate: S-13C7-PFUnDA	*36*			*39*		*92*	*50-200*			05/01/24	
Surrogate: S-13C2PFDoA	*37*			*39*		*95*	*50-200*			05/01/24	

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.
  Unless otherwise noted, TOC results by SM 5310C method do not include purgeable organic carbon, which is removed along with the inorganic carbon interference. The POC contribution to TOC is considered to be negligible.

Certificate of Analysis

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.

The following parameters are not available for certification through CA ELAP:

Odor Diisopropyl ether (DIPE) by EPA 524.2

The following parameters are calculated values and are outside the scope of our NELAP accreditation:

Total Nitrogen Aggressive Index Trivalent Chromium

BSK is not accredited under the NELAP program for the following additional 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	4021-023
State of Nevada	CA000792024-03	State of Oregon - NELAP	4021-023
EPA UCMR5	CA00079	State of Washington	C997-24

Sacramento

State of California - ELAP	1180-S1		

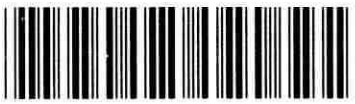
San Bernardino

State of California - ELAP	1180-S2	Los Angeles CSD	9254478
NELAP certified	4119-008	State of Oregon - NELAP	4119-008

Vancouver

NELAP certified	WA100008-016	State of Oregon - NELAP	WA100008-016
State of Washington	C824-23		

AHD3257 Adobe3023 04/23/2024



Sample Integrity

BSK Bottles: Yes No Page 1 of 1

COC Info

Was temperature within range? Chemistry ≤ 6°C Micro < 8°C	Yes No NA	Were correct containers and preservatives received for the tests requested?	Yes No
If samples were taken today, is there evidence that chilling has begun?	Yes No NA	Bubbles Present VOAs (524.2/TTHM/TCP)? TB Received? (Check Method Below)	Yes No NA / Yes No NA
Did all bottles arrive unbroken and intact?	Yes No	Was a sufficient amount of sample received?	Yes No
Did all bottle labels agree with COC?	Yes No	**Do samples have a hold time <72 hours?**	Yes No
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes NA	Was PM notified of discrepancies? PM: dt: email scan copy	Yes No NA

Bottles Received

"—" means preservation/chlorine checks are either N/A or are performed in the lab

250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)	Checks*	Passed?	1	2			
Bacti $Na_2S_2O_3$	—	—					
None (P) White Label	—	—					
Cr6 (P) Lt. Green Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **DW**	Cl, pH > 8	P F					
Cr6 (P) Pink Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **WW**	pH 9.3-9.7	P F					
Cr6 (P) Black Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **7199** ******24 HOUR HOLD TIME******	pH 9.0-9.5	P F					
HNO_3 (P) Red Label or HCl (P) Purple Cap/Lt. Blue Label	—	—					
H_2SO_4 (P) or (AG) Yellow Label	pH < 2	P F					
NaOH (P) Green Cap/Label	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	—	—					
$Na_2S_2O_3$ 1 Liter (Brown P) 549	—	—					
$Na_2S_2O_3$ (AG) Blue Label 548, THM, 524	—	—					
$Na_2S_2O_3$ (CG) Blue Label 504, 505, 547	—	—					
$Na_2S_2O_3$ + MCAA (CG) Orange Label 531	pH < 3	P F					
NH_4Cl (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_3PO_4 (CG) Salmon Label	—	—					
Trizma – EPA 537.1 Light Blue Label **FB**	---	---					
Ammonia Acetate - EPA 533 Purple Label **FB**	—	---	3A	1A			4/23/24
Bottled Water	—	—					
Clear Glass: Jar / VOA	—	—					
OTHER:	—	—					
OTHER:	—	—					

Split

	Container	Preservative	Lot #	Initials	Date/Time
S P					
S P					

Preservation Check
pH Lot #
Cl Lot #

Comments

***Preservation check completed by lab performing analysis.**

✓ **Indicates Blanks Received**

504 ___ 524.2 ___ TTHM ___ 537/533 ___ TCP___

✓ **MS/MSD Received Method:** _____

Labeled by: **Checked by:**

Scanned: Cw Rush/Short HT Page: _____ Time:_____

T4

BSK ASSOCIATES
687 N. Laverne Ave., Fresno, CA 93727
(559) 497-2888 CA ELAP No. 1180
www.bskassociates.com

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

AHD3257 Adobe3023 04/23/2024

Temp: 10.7 °C **Thermometer ID:** 75

*Required Fields

Company/Client Name*:	Report Attention*:	Invoice To*:	Phone*:
Adobe Springs Water	Ray Tackaberry Additional cc's:	Ray Tackaberry PO#:	(408) 897-3023 E-mail*: ray@adobesprings.com

Address*:	City*:	State*:	Zip*:
50 N. Salado Avenue, Unit 1417	Patterson	CA	95363

Project:	Project #:	Phase #	Task #:
PFAS testing			

Reporting Options: ☐ Trace (J-Flag) ☐ Swamp ☐ EDD Type: _____

Sampler Name (Printed/Signature)*:

Regulatory Carbon Copies: ☐ SWRCB (Drinking Water) ☐ Merced Co ☐ Fresno Co ☐ Madera Co ☐ Tulare Co ☐ Other: _____

Regulatory Compliance: ☐ EDT to California SWRCB (Drinking Water) System Number*: _____ ☐ Geotracker #: _____

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

#	Sample Description*	Sampled* Date	Sampled* Time	Matrix*	Comments / Station Code / WTRAX	EPA 533
1	Spring Water	4-23	8AM			X
2	" " FB					

Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
RAY TACKABERRY	Adobe Springs	4-23	8AM		
Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Received for Lab by: (Signature and Printed Name)		Date	Time	Payment Received at Delivery: Date: Amount: PIA#: Check / Cash Init.	
		4/23/24	1057		

Shipping Method: GLS UPS ~~WALK-IN~~ FED EX PMS Courier: _____
Cooling Method: Wet Blue None

Custody Seal: Y / N
Chilling Process Begun: Y / N

BSK Associates Laboratory Fresno
687 N. Laverne Avenue
Fresno, CA 93727
559-497-2888 (Main)

AHE0057
5/13/2024

Ray Tackaberry
Adobe Springs Water
50 N. Salado Avenue, Unit 1417
Patterson, CA 95363

RE: Report for AHE0057 Title 21

Dear Ray Tackaberry,

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 5/1/2024. 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.

If additional clarification of any information is required, please contact your Project Manager, Sarah K. Guenther , at 559-497-2888.

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

Sincerely,

Sarah K. Guenther, Senior Project Manager

Accredited in Accordance with NELAP
ORELAP #4021

Case Narrative

Project and Report Details		Invoice Details	
Client:	Adobe Springs Water	**Invoice To:**	Adobe Springs Water
Report To:	Ray Tackaberry	**Invoice Attn:**	Ray Tackaberry
Project #:	Title 21	**Project PO#:**	-
Received:	5/01/2024 - 11:20		
Report Due:	5/15/2024		

Sample Receipt Conditions

Cooler: Default Cooler

Temperature on Receipt ºC: 4.2

Containers Intact
COC/Labels Agree
Received On Blue Ice
Packing Material - Bubble Wrap
Packing Material - Foam
Sample(s) were received in temperature range.
Initial receipt at BSK-FAL

Data Qualifiers

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

BS	Blank spike recoveries did not meet acceptance limits.
BS1.0	Blank spike recovery for this analyte was above upper control limit; no material impact on reported result as sample is ND for this parameter.
CV0.0	CCV recovery was above method acceptance limits; no material impact on reported result as sample detection is below the reporting limit for this parameter.

Certificate of Analysis

Sample ID: AHE0057-01
Sampled By: Jennifer Jones
Sample Description: Spring Water

Sample Date - Time: 04/30/2024 - 09:12
Matrix: Water
Sample Type: Grab

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Volatile Organics (SDWA Regulated) by GC-MS									
1,1,1-Trichloroethane	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
1,1,2,2-Tetrachloroethane	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	ND	10	ug/L	1	AHE0263	05/07/24	05/07/24	
1,1,2-Trichloroethane	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
1,1-Dichloroethane	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
1,1-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
1,2,4-Trichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
1,2-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
1,2-Dichloroethane	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
1,2-Dichloropropane	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
1,4-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
Benzene	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
Carbon Tetrachloride	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
Chlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
cis-1,2-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
cis-1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
Dichloromethane	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	BS1.0, CV0.0
Ethylbenzene	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
m,p-Xylenes	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
Methyl-t-butyl ether	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
o-Xylene	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
Styrene	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
Tetrachloroethene (PCE)	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
Toluene	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
trans-1,2-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
trans-1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
Trichloroethene (TCE)	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
Trichlorofluoromethane	EPA 524.2	ND	5.0	ug/L	1	AHE0263	05/07/24	05/07/24	BS1.0, CV0.0
Vinyl Chloride	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	BS1.0, CV0.0
Total 1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
Total Xylenes	EPA 524.2	ND	0.50	ug/L	1	AHE0263	05/07/24	05/07/24	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	122 %	*Acceptable range: 70-130 %*						
Surrogate: Bromofluorobenzene	EPA 524.2	117 %	*Acceptable range: 70-130 %*						

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 524.2 - Quality Control											
Batch: AHE0263										Prepared: 5/7/2024	
Prep Method: EPA 524.2										Analyst: CAT	
Blank (AHE0263-BLK1)											
1,1,1-Trichloroethane	ND	0.50	ug/L							05/07/24	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L							05/07/24	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	ug/L							05/07/24	
1,1,2-Trichloroethane	ND	0.50	ug/L							05/07/24	
1,1-Dichloroethane	ND	0.50	ug/L							05/07/24	
1,1-Dichloroethene	ND	0.50	ug/L							05/07/24	
1,2,4-Trichlorobenzene	ND	0.50	ug/L							05/07/24	
1,2-Dichlorobenzene	ND	0.50	ug/L							05/07/24	
1,2-Dichloroethane	ND	0.50	ug/L							05/07/24	
1,2-Dichloropropane	ND	0.50	ug/L							05/07/24	
1,4-Dichlorobenzene	ND	0.50	ug/L							05/07/24	
Benzene	ND	0.50	ug/L							05/07/24	
Carbon Tetrachloride	ND	0.50	ug/L							05/07/24	
Chlorobenzene	ND	0.50	ug/L							05/07/24	
cis-1,2-Dichloroethene	ND	0.50	ug/L							05/07/24	
cis-1,3-Dichloropropene	ND	0.50	ug/L							05/07/24	
Dichloromethane	ND	0.50	ug/L							05/07/24	
Ethylbenzene	ND	0.50	ug/L							05/07/24	
m,p-Xylenes	ND	0.50	ug/L							05/07/24	
Methyl-t-butyl ether	ND	0.50	ug/L							05/07/24	
o-Xylene	ND	0.50	ug/L							05/07/24	
Styrene	ND	0.50	ug/L							05/07/24	
Tetrachloroethene (PCE)	ND	0.50	ug/L							05/07/24	
Toluene	ND	0.50	ug/L							05/07/24	
trans-1,2-Dichloroethene	ND	0.50	ug/L							05/07/24	
trans-1,3-Dichloropropene	ND	0.50	ug/L							05/07/24	
Trichloroethene (TCE)	ND	0.50	ug/L							05/07/24	
Trichlorofluoromethane	ND	5.0	ug/L							05/07/24	
Vinyl Chloride	ND	0.50	ug/L							05/07/24	
Total 1,3-Dichloropropene	ND	0.50	ug/L							05/07/24	
Total Xylenes	ND	0.50	ug/L							05/07/24	
Surrogate: 1,2-Dichlorobenzene-d4	*62*			*50*		*123*	*70-130*			05/07/24	
Surrogate: Bromofluorobenzene	*60*			*50*		*120*	*70-130*			05/07/24	
Blank Spike (AHE0263-BS1)											
1,1,1-Trichloroethane	13	0.50	ug/L	10	ND	130	70-130			05/07/24	
1,1,2,2-Tetrachloroethane	12	0.50	ug/L	10	ND	120	70-130			05/07/24	
1,1,2-Trichloro-1,2,2-trifluoroethane	12	10	ug/L	10	ND	122	70-130			05/07/24	
1,1,2-Trichloroethane	12	0.50	ug/L	10	ND	122	70-130			05/07/24	
1,1-Dichloroethane	13	0.50	ug/L	10	ND	127	70-130			05/07/24	
1,1-Dichloroethene	13	0.50	ug/L	10	ND	130	70-130			05/07/24	
1,2,4-Trichlorobenzene	10	0.50	ug/L	10	ND	102	70-130			05/07/24	
1,2-Dichlorobenzene	12	0.50	ug/L	10	ND	119	70-130			05/07/24	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual	
EPA 524.2 - Quality Control												
Batch: AHE0263										Prepared: 5/7/2024		
Prep Method: EPA 524.2										Analyst: CAT		
Blank Spike (AHE0263-BS1)												
1,2-Dichloroethane	13	0.50	ug/L	10	ND	128	70-130			05/07/24		
1,2-Dichloropropane	12	0.50	ug/L	10	ND	123	70-130			05/07/24		
1,4-Dichlorobenzene	12	0.50	ug/L	10	ND	115	70-130			05/07/24		
Benzene	12	0.50	ug/L	10	ND	123	70-130			05/07/24		
Carbon Tetrachloride	12	0.50	ug/L	10	ND	125	70-130			05/07/24		
Chlorobenzene	11	0.50	ug/L	10	ND	114	70-130			05/07/24		
cis-1,2-Dichloroethene	12	0.50	ug/L	10	ND	121	70-130			05/07/24		
cis-1,3-Dichloropropene	12	0.50	ug/L	10	ND	122	70-130			05/07/24		
Dichloromethane	13	0.50	ug/L	10	ND	132	70-130			05/07/24	BS	***High***
Ethylbenzene	11	0.50	ug/L	10	ND	110	70-130			05/07/24		
m,p-Xylenes	22	0.50	ug/L	20	ND	112	70-130			05/07/24		
Methyl-t-butyl ether	24	0.50	ug/L	20	ND	120	70-130			05/07/24		
o-Xylene	11	0.50	ug/L	10	ND	113	70-130			05/07/24		
Styrene	11	0.50	ug/L	10	ND	110	70-130			05/07/24		
Tetrachloroethene (PCE)	12	0.50	ug/L	10	ND	118	70-130			05/07/24		
Toluene	12	0.50	ug/L	10	ND	119	70-130			05/07/24		
trans-1,2-Dichloroethene	13	0.50	ug/L	10	ND	125	70-130			05/07/24		
trans-1,3-Dichloropropene	12	0.50	ug/L	10	ND	122	70-130			05/07/24		
Trichloroethene (TCE)	12	0.50	ug/L	10	ND	118	70-130			05/07/24		
Trichlorofluoromethane	14	5.0	ug/L	10	ND	140	70-130			05/07/24	BS	***High***
Vinyl Chloride	14	0.50	ug/L	10	ND	140	70-130			05/07/24	BS	***High***
Surrogate: 1,2-Dichlorobenzene-d4	*63*			*50*		*126*	*70-130*			05/07/24		
Surrogate: Bromofluorobenzene	*63*			*50*		*126*	*70-130*			05/07/24		
Blank Spike Dup (AHE0263-BSD1)												
1,1,1-Trichloroethane	12	0.50	ug/L	10	ND	119	70-130	9	30	05/07/24		
1,1,2,2-Tetrachloroethane	11	0.50	ug/L	10	ND	110	70-130	8	30	05/07/24		
1,1,2-Trichloro-1,2,2-trifluoroethane	11	10	ug/L	10	ND	108	70-130	12	30	05/07/24		
1,1,2-Trichloroethane	11	0.50	ug/L	10	ND	114	70-130	6	30	05/07/24		
1,1-Dichloroethane	12	0.50	ug/L	10	ND	118	70-130	7	30	05/07/24		
1,1-Dichloroethene	12	0.50	ug/L	10	ND	119	70-130	9	30	05/07/24		
1,2,4-Trichlorobenzene	9.5	0.50	ug/L	10	ND	95	70-130	7	30	05/07/24		
1,2-Dichlorobenzene	11	0.50	ug/L	10	ND	112	70-130	6	30	05/07/24		
1,2-Dichloroethane	12	0.50	ug/L	10	ND	120	70-130	7	30	05/07/24		
1,2-Dichloropropane	12	0.50	ug/L	10	ND	116	70-130	6	30	05/07/24		
1,4-Dichlorobenzene	11	0.50	ug/L	10	ND	109	70-130	6	30	05/07/24		
Benzene	12	0.50	ug/L	10	ND	116	70-130	6	30	05/07/24		
Carbon Tetrachloride	11	0.50	ug/L	10	ND	115	70-130	8	30	05/07/24		
Chlorobenzene	11	0.50	ug/L	10	ND	107	70-130	7	30	05/07/24		
cis-1,2-Dichloroethene	11	0.50	ug/L	10	ND	114	70-130	6	30	05/07/24		
cis-1,3-Dichloropropene	11	0.50	ug/L	10	ND	114	70-130	7	30	05/07/24		
Dichloromethane	13	0.50	ug/L	10	ND	125	70-130	5	30	05/07/24		
Ethylbenzene	10	0.50	ug/L	10	ND	104	70-130	6	30	05/07/24		

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 524.2 - Quality Control											
Batch: AHE0263										Prepared: 5/7/2024	
Prep Method: EPA 524.2										Analyst: CAT	
Blank Spike Dup (AHE0263-BSD1)											
m,p-Xylenes	21	0.50	ug/L	20	ND	106	70-130	6	30	05/07/24	
Methyl-t-butyl ether	23	0.50	ug/L	20	ND	113	70-130	6	30	05/07/24	
o-Xylene	11	0.50	ug/L	10	ND	106	70-130	6	30	05/07/24	
Styrene	10	0.50	ug/L	10	ND	103	70-130	7	30	05/07/24	
Tetrachloroethene (PCE)	11	0.50	ug/L	10	ND	108	70-130	8	30	05/07/24	
Toluene	11	0.50	ug/L	10	ND	113	70-130	6	30	05/07/24	
trans-1,2-Dichloroethene	12	0.50	ug/L	10	ND	117	70-130	7	30	05/07/24	
trans-1,3-Dichloropropene	11	0.50	ug/L	10	ND	114	70-130	7	30	05/07/24	
Trichloroethene (TCE)	11	0.50	ug/L	10	ND	110	70-130	7	30	05/07/24	
Trichlorofluoromethane	11	5.0	ug/L	10	ND	114	70-130	20	30	05/07/24	
Vinyl Chloride	11	0.50	ug/L	10	ND	114	70-130	20	30	05/07/24	
Surrogate: 1,2-Dichlorobenzene-d4	*63*			*50*		*126*	*70-130*			05/07/24	
Surrogate: Bromofluorobenzene	*63*			*50*		*126*	*70-130*			05/07/24	

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.
  Unless otherwise noted, TOC results by SM 5310C method do not include purgeable organic carbon, which is removed along with the inorganic carbon interference. The POC contribution to TOC is considered to be negligible.

Certificate of Analysis

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.

The following parameters are not available for certification through CA ELAP:

Odor Diisopropyl ether (DIPE) by EPA 524.2

The following parameters are calculated values and are outside the scope of our NELAP accreditation:

Total Nitrogen Aggressive Index Trivalent Chromium

BSK is not accredited under the NELAP program for the following additional 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	4021-023
State of Nevada	CA000792024-03	State of Oregon - NELAP	4021-023
EPA UCMR5	CA00079	State of Washington	C997-24

Sacramento

State of California - ELAP	1180-S1		

San Bernardino

State of California - ELAP	1180-S2	Los Angeles CSD	9254478
NELAP certified	4119-008	State of Oregon - NELAP	4119-008

Vancouver

NELAP certified	WA100008-016	State of Oregon - NELAP	WA100008-016
State of Washington	C824-23		

BSK Associates BSK-SR-0002-00

Sample Integrity

BSK Bottles: Yes No Page 1 of 1

COC Info

Was temperature within range? Chemistry **≤ 6°C** Micro **< 8°C**	Yes No NA	Were correct containers and preservatives received for the tests requested?	Yes No
If samples were taken today, is there evidence that chilling has begun?	Yes No NA	Bubbles Present VOAs (524.2/TTHM/TCP)? TB Received? (Check Method Below)	Yes No NA / Yes No NA
Did all bottles arrive unbroken and intact?	Yes No	Was a sufficient amount of sample received?	Yes No
Did all bottle labels agree with COC?	Yes No	**Do samples have a hold time <72 hours?**	Yes No
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes NA	Was PM notified of discrepancies? PM: Sarah dt: 5/1/24 email scan copy	Yes No NA

Bottles Received — "—" means preservation/chlorine checks are either N/A or are performed in the lab

250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)	Checks*	Passed?					
Bacti $Na_2S_2O_3$	—	—	1	2			
None (P) White Label	—	—	2B				
Cr6 (P) Lt. Green Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **DW**	Cl, pH > 8	P F					
Cr6 (P) Pink Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **WW**	pH 9.3-9.7	P F					
Cr6 (P) Black Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **7199** ******24 HOUR HOLD TIME******	pH 9.0-9.5	P F					
HNO_3 (P) Red Label or HCl (P) Purple Cap/Lt. Blue Label	—	—					
H_2SO_4 (P) or (AG) Yellow Label	pH < 2	P F					
NaOH (P) Green Cap/Label	Cl, pH >10	P F					
NaOH + ZnAc (P)	pH > 9	P F					
Dissolved Oxygen 300ml (g)	—	—					
None (AG) 608/8031/8082, 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	—	—					
$Na_2S_2O_3$ 1 Liter (Brown P) 549	—	—					
$Na_2S_2O_3$ (AG) Blue Label 548, THM, 524	—	—					
$Na_2S_2O_3$ (CG) Blue Label 504, 505, 547	—	—					
$Na_2S_2O_3$ + MCAA (CG) Orange Label 531	pH < 3	P F					
NH_4Cl (AG) Purple Label 552	—	—					
EDA (P) or (AG) Brown Label DBPs	—	—					
HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624	—	—	LOV	4V			
Buffer pH 4 (CG)	—	—					
H_3PO_4 (CG) Salmon Label	—	—					
Trizma – EPA 537.1 Light Blue Label **FB**	---	---					
Ammonia Acetate - EPA 533 Purple Label **FB**	---	---					
Bottled Water	—	—					
Clear Glass: Jar / VOA	—	—					
OTHER:	—	—					
OTHER:	—	—					

Split

	Container	Preservative	Lot #	Initials	Date/Time
S P					
S P					

Preservation Check
pH Lot #
Cl Lot #

Comments

***Preservation check completed by lab performing analysis.**

Recieved Unpreserve Bottles no test Required

✓ **Indicates Blanks Received**

504 ___ 524.2 ___ TTHM ___ 537/533 ___ TCP___

✓ **MS/MSD Received Method:** _____

Labeled by: **Checked by:**

Scanned: ___ Rush/Short HT Page: _____ Time:_____

T-4

BSK ASSOCIATES
687 N. Laverne Ave., Fresno, CA 93727
(559) 497-2888 CA ELAP No. 1180
www.bskassociates.com

Temp: 4.7 °C Thermometer ID: 105

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

*Required Fields

AHE0057 Adobe3023 05/01/2024 10

Company/Client Name*:	Report Attention*:	Invoice To*:	Phone*:	Fax:
Adobe Springs Water	Ray Tackaberry Additional cc's:	Ray Tackaberry PO#:	(408) 897-3023 E-mail*: ray@adobesprings.com	

Address*:	City*:	State*:	Zip*:
50 N. Salado Avenue, Unit 1417	Patterson	CA	95363

Project:	Project #:	Phase #	Task #:
Title 21			

Reporting Options: ☐ Trace (J-Flag) ☐ Swamp ☐ EDD Type: _____

Sampler Name (Printed/Signature)*:

Regulatory Carbon Copies: ☐ SWRCB (Drinking Water) ☐ Merced Co ☐ Fresno Co ☐ Madera Co ☐ Tulare Co ☐ Other: _____

Regulatory Compliance: ☐ EDT to California SWRCB (Drinking Water) System Number*: _____ ☐ Geotracker #: _____

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

#	Sample Description*	Sampled* Date	Sampled* Time	Matrix*	Comments / Station Code / WTRAX	VOCs
1	Spring Water	4/30/24	9:12a			X
2	524.TBCat 0424047					

Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Jennifer Jones	Adobe Springs	4/30/24	1007		
Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Received for Lab by: (Signature and Printed Name)		Date	Time	Payment Received at Delivery: Date: Amount: PIA#:	Check / Cash Init.
		5/1/24	1120		

Shipping Method: GLS UPS WALK-IN FED EX PMS Courier: _____
Cooling Method: Wet Blue None

Custody Seal: Y / N
Chilling Process Begun: Y / N