



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

SHB0087

2/21/2024

Invoice: SH00785

Sue Murphy
Solano Irrigation District
810 Vaca Valley Parkway, Ste 201
Vacaville, CA 95688

RE: Report for SHB0087 Master

Dear Sue Murphy,

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 2/6/2024. 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.

This certificate of analysis shall not be reproduced except in full, without written approval of the laboratory.

If additional clarification of any information is required, please contact your Project Manager, Alejandra Gomez, at (916) 853-9293.

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

Sincerely,

Alejandra Gomez, Senior Project Manager

Case Narrative

Project and Report Details	Invoice Details
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<p>Client: Solano Irrigation District</p> <p>Report To: Sue Murphy</p> <p>Project #: -</p> <p>Received: 2/06/2024 - 16:07</p> <p>Report Due: 2/21/2024</p>	<p>Invoice To: Solano Irrigation District</p> <p>Invoice Attn: Accounts Payable</p> <p>Project PO#: 11425</p>
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Sample Receipt Conditions

<p>Cooler: Default Cooler</p> <p>Temperature on Receipt °C: 2.8</p>	<p>Containers Intact</p> <p>COC/Labels Agree</p> <p>Received On Wet Ice</p> <p>Sample(s) arrived at lab on same day sampled.</p> <p>Sample(s) were received in temperature range.</p> <p>Initial receipt at BSK-SAC</p>
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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).

Report Distribution

Recipient(s)	Report Format	CC:
Sue Murphy	FINAL.RPT	

Certificate of Analysis

Sample ID: SHB0087-01
Sampled By: Josh Hendrickson
Sample Description: ss#3 4263 Cantelow Road

Sample Date - Time: 02/06/2024 - 10:58
Matrix: Drinking Water
Sample Type: Grab

BSK Associates Laboratory Fresno
Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
PFAS Short Chain									
11CI-PF3OUdS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
9CI-PF3ONS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
ADONA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
HFPO-DA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
NFDHA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFBA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFBS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
8:2 FTS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFDA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFDoA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFEESA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHpS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHpA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
4:2 FTS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHxS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHxA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFMPA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFMBA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFNA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
6:2 FTS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFOS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFOA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFPeA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFPeS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFUnDA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
Surrogate: S-13C4-PFBA	EPA 533	78 %							Acceptable range: 50-200 %
Surrogate: S-13C5PFPeA	EPA 533	81 %							Acceptable range: 50-200 %
Surrogate: S-13C3-PFBS	EPA 533	99 %							Acceptable range: 50-200 %
Surrogate: S-13C2-4:2FTS	EPA 533	110 %							Acceptable range: 50-200 %
Surrogate: S-13C5PFHxA	EPA 533	79 %							Acceptable range: 50-200 %
Surrogate: S-13C3-HFPO-DA	EPA 533	72 %							Acceptable range: 50-200 %
Surrogate: S-13C4PFHpA	EPA 533	75 %							Acceptable range: 50-200 %
Surrogate: S-13C3-PFHxS	EPA 533	102 %							Acceptable range: 50-200 %
Surrogate: S-13C2-6:2FTS	EPA 533	110 %							Acceptable range: 50-200 %
Surrogate: S-13C8PFOA	EPA 533	79 %							Acceptable range: 50-200 %
Surrogate: S-13C9PFNA	EPA 533	84 %							Acceptable range: 50-200 %
Surrogate: S-13C8-PFOS	EPA 533	101 %							Acceptable range: 50-200 %
Surrogate: S-13C2-8:2FTS	EPA 533	87 %							Acceptable range: 50-200 %
Surrogate: S-13C6PFDA	EPA 533	90 %							Acceptable range: 50-200 %
Surrogate: S-13C7-PFUnDA	EPA 533	85 %							Acceptable range: 50-200 %
Surrogate: S-13C2PFDoA	EPA 533	97 %							Acceptable range: 50-200 %

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.

SHB0087 FINAL 02212024 0924

Certificate of Analysis

Sample ID: SHB0087-01
Sampled By: Josh Hendrickson
Sample Description: ss#3 4263 Cantelow Road

Sample Date - Time: 02/06/2024 - 10:58
Matrix: Drinking Water
Sample Type: Grab

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Perfluorinated Compounds by LC-MS/MS									
11Cl-PF3OUdS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
ADONA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
9Cl-PF3ONS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
HFPO-DA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
NEtFOSAA	EPA 537.1	ND	3.0	ng/L	1	AHB0414	02/08/24	02/10/24	
NMeFOSAA	EPA 537.1	ND	3.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFBS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFHxS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFOS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFDoA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFHpA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFHxA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFNA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFOA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFTDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFTTrDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFUnDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
Surrogate: 13C2-PFHxA	EPA 537.1	99 %							Acceptable range: 70-130 %
Surrogate: 13C2-PFDA	EPA 537.1	91 %							Acceptable range: 70-130 %
Surrogate: 13C3-HFPO-DA	EPA 537.1	95 %							Acceptable range: 70-130 %
Surrogate: d5-NEtFOSAA	EPA 537.1	84 %							Acceptable range: 70-130 %

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Certificate of Analysis

Sample ID: SHB0087-03
Sampled By: Josh Hendrickson
Sample Description: ss#4 3859 Joslyn Road

Sample Date - Time: 02/06/2024 - 10:40
Matrix: Drinking Water
Sample Type: Grab

BSK Associates Laboratory Fresno
Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
PFAS Short Chain									
11CI-PF3OUdS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
9CI-PF3ONS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
ADONA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
HFPO-DA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
NFDHA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFBA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFBS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
8:2 FTS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFDA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFDoA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFEESA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHpS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHpA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
4:2 FTS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHxS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHxA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFMPA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFMBA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFNA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
6:2 FTS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFOS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFOA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFPeA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFPeS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFUnDA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
Surrogate: S-13C4-PFBA	EPA 533	73 %							Acceptable range: 50-200 %
Surrogate: S-13C5PFPeA	EPA 533	79 %							Acceptable range: 50-200 %
Surrogate: S-13C3-PFBS	EPA 533	97 %							Acceptable range: 50-200 %
Surrogate: S-13C2-4:2FTS	EPA 533	101 %							Acceptable range: 50-200 %
Surrogate: S-13C5PFHxA	EPA 533	77 %							Acceptable range: 50-200 %
Surrogate: S-13C3-HFPO-DA	EPA 533	67 %							Acceptable range: 50-200 %
Surrogate: S-13C4PFHpA	EPA 533	88 %							Acceptable range: 50-200 %
Surrogate: S-13C3-PFHxS	EPA 533	97 %							Acceptable range: 50-200 %
Surrogate: S-13C2-6:2FTS	EPA 533	95 %							Acceptable range: 50-200 %
Surrogate: S-13C8PFOA	EPA 533	89 %							Acceptable range: 50-200 %
Surrogate: S-13C9PFNA	EPA 533	85 %							Acceptable range: 50-200 %
Surrogate: S-13C8-PFOS	EPA 533	98 %							Acceptable range: 50-200 %
Surrogate: S-13C2-8:2FTS	EPA 533	81 %							Acceptable range: 50-200 %
Surrogate: S-13C6PFDA	EPA 533	90 %							Acceptable range: 50-200 %
Surrogate: S-13C7-PFUnDA	EPA 533	87 %							Acceptable range: 50-200 %
Surrogate: S-13C2PFDoA	EPA 533	88 %							Acceptable range: 50-200 %

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SHB0087 FINAL 02212024 0924

Certificate of Analysis

Sample ID: SHB0087-03
Sampled By: Josh Hendrickson
Sample Description: ss#4 3859 Joslyn Road

Sample Date - Time: 02/06/2024 - 10:40
Matrix: Drinking Water
Sample Type: Grab

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Perfluorinated Compounds by LC-MS/MS									
11Cl-PF3OUdS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
ADONA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
9Cl-PF3ONS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
HFPO-DA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
NEtFOSAA	EPA 537.1	ND	3.0	ng/L	1	AHB0414	02/08/24	02/10/24	
NMeFOSAA	EPA 537.1	ND	3.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFBS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFHxS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFOS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFDoA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFHpA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFHxA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFNA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFOA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFTDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFTTrDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFUnDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
Surrogate: 13C2-PFHxA	EPA 537.1	98 %							Acceptable range: 70-130 %
Surrogate: 13C2-PFDA	EPA 537.1	90 %							Acceptable range: 70-130 %
Surrogate: 13C3-HFPO-DA	EPA 537.1	91 %							Acceptable range: 70-130 %
Surrogate: d5-NEtFOSAA	EPA 537.1	91 %							Acceptable range: 70-130 %

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Certificate of Analysis

Sample ID: SHB0087-05
Sampled By: Josh Hendrickson
Sample Description: ss#5 3749 Ciarlo Lane

Sample Date - Time: 02/06/2024 - 09:50
Matrix: Drinking Water
Sample Type: Grab

BSK Associates Laboratory Fresno
Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
PFAS Short Chain									
11CI-PF3OUdS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
9CI-PF3ONS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
ADONA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
HFPO-DA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
NFDHA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFBA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFBS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
8:2 FTS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFDA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFDoA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFEESA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHpS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHpA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
4:2 FTS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHxS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHxA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFMPA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFMBA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFNA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
6:2 FTS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFOS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFOA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFPeA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFPeS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFUnDA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
Surrogate: S-13C4-PFBA	EPA 533	85 %							Acceptable range: 50-200 %
Surrogate: S-13C5PFPeA	EPA 533	86 %							Acceptable range: 50-200 %
Surrogate: S-13C3-PFBS	EPA 533	100 %							Acceptable range: 50-200 %
Surrogate: S-13C2-4:2FTS	EPA 533	100 %							Acceptable range: 50-200 %
Surrogate: S-13C5PFHxA	EPA 533	80 %							Acceptable range: 50-200 %
Surrogate: S-13C3-HFPO-DA	EPA 533	76 %							Acceptable range: 50-200 %
Surrogate: S-13C4PFHpA	EPA 533	94 %							Acceptable range: 50-200 %
Surrogate: S-13C3-PFHxS	EPA 533	100 %							Acceptable range: 50-200 %
Surrogate: S-13C2-6:2FTS	EPA 533	104 %							Acceptable range: 50-200 %
Surrogate: S-13C8PFOA	EPA 533	92 %							Acceptable range: 50-200 %
Surrogate: S-13C9PFNA	EPA 533	82 %							Acceptable range: 50-200 %
Surrogate: S-13C8-PFOS	EPA 533	99 %							Acceptable range: 50-200 %
Surrogate: S-13C2-8:2FTS	EPA 533	86 %							Acceptable range: 50-200 %
Surrogate: S-13C6PFDA	EPA 533	84 %							Acceptable range: 50-200 %
Surrogate: S-13C7-PFUnDA	EPA 533	87 %							Acceptable range: 50-200 %
Surrogate: S-13C2PFDoA	EPA 533	87 %							Acceptable range: 50-200 %

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.

SHB0087 FINAL 02212024 0924

Certificate of Analysis

Sample ID: SHB0087-05
Sampled By: Josh Hendrickson
Sample Description: ss#5 3749 Ciarlo Lane

Sample Date - Time: 02/06/2024 - 09:50
Matrix: Drinking Water
Sample Type: Grab

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Perfluorinated Compounds by LC-MS/MS									
11Cl-PF3OUdS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
ADONA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
9Cl-PF3ONS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
HFPO-DA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
NEtFOSAA	EPA 537.1	ND	3.0	ng/L	1	AHB0414	02/08/24	02/10/24	
NMeFOSAA	EPA 537.1	ND	3.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFBS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFHxS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFOS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFDoA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFHpA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFHxA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFNA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFOA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFTDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFTTrDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFUnDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
Surrogate: 13C2-PFHxA	EPA 537.1	99 %							Acceptable range: 70-130 %
Surrogate: 13C2-PFDA	EPA 537.1	95 %							Acceptable range: 70-130 %
Surrogate: 13C3-HFPO-DA	EPA 537.1	97 %							Acceptable range: 70-130 %
Surrogate: d5-NEtFOSAA	EPA 537.1	91 %							Acceptable range: 70-130 %

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: SHB0087-07
Sampled By: Josh Hendrickson
Sample Description: ss#6 3771 Cantelow Road

Sample Date - Time: 02/06/2024 - 10:22
Matrix: Drinking Water
Sample Type: Grab

BSK Associates Laboratory Fresno
Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
PFAS Short Chain									
11CI-PF3OUdS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
9CI-PF3ONS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
ADONA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
HFPO-DA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
NFDHA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFBA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFBS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
8:2 FTS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFDA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFDoA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFEESA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHpS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHpA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
4:2 FTS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHxS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFHxA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFMPA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFMBA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFNA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
6:2 FTS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFOS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFOA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFPeA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFPeS	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
PFUnDA	EPA 533	ND	2.0	ng/L	1	AHB0570	02/10/24	02/13/24	
Surrogate: S-13C4-PFBA	EPA 533	84 %							Acceptable range: 50-200 %
Surrogate: S-13C5PFPeA	EPA 533	86 %							Acceptable range: 50-200 %
Surrogate: S-13C3-PFBS	EPA 533	95 %							Acceptable range: 50-200 %
Surrogate: S-13C2-4:2FTS	EPA 533	89 %							Acceptable range: 50-200 %
Surrogate: S-13C5PFHxA	EPA 533	78 %							Acceptable range: 50-200 %
Surrogate: S-13C3-HFPO-DA	EPA 533	77 %							Acceptable range: 50-200 %
Surrogate: S-13C4PFHpA	EPA 533	86 %							Acceptable range: 50-200 %
Surrogate: S-13C3-PFHxS	EPA 533	100 %							Acceptable range: 50-200 %
Surrogate: S-13C2-6:2FTS	EPA 533	101 %							Acceptable range: 50-200 %
Surrogate: S-13C8PFOA	EPA 533	77 %							Acceptable range: 50-200 %
Surrogate: S-13C9PFNA	EPA 533	75 %							Acceptable range: 50-200 %
Surrogate: S-13C8-PFOS	EPA 533	102 %							Acceptable range: 50-200 %
Surrogate: S-13C2-8:2FTS	EPA 533	87 %							Acceptable range: 50-200 %
Surrogate: S-13C6PFDA	EPA 533	80 %							Acceptable range: 50-200 %
Surrogate: S-13C7-PFUnDA	EPA 533	90 %							Acceptable range: 50-200 %
Surrogate: S-13C2PFDoA	EPA 533	86 %							Acceptable range: 50-200 %

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SHB0087 FINAL 02212024 0924

Certificate of Analysis

Sample ID: SHB0087-07
Sampled By: Josh Hendrickson
Sample Description: ss#6 3771 Cantelow Road

Sample Date - Time: 02/06/2024 - 10:22
Matrix: Drinking Water
Sample Type: Grab

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Perfluorinated Compounds by LC-MS/MS									
11Cl-PF3OUdS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
ADONA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
9Cl-PF3ONS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
HFPO-DA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
NEtFOSAA	EPA 537.1	ND	3.0	ng/L	1	AHB0414	02/08/24	02/10/24	
NMeFOSAA	EPA 537.1	ND	3.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFBS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFHxS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFOS	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFDoA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFHpA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFHxA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFNA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFOA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFTDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFTTrDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
PFUnDA	EPA 537.1	ND	2.0	ng/L	1	AHB0414	02/08/24	02/10/24	
Surrogate: 13C2-PFHxA	EPA 537.1	101 %							Acceptable range: 70-130 %
Surrogate: 13C2-PFDA	EPA 537.1	95 %							Acceptable range: 70-130 %
Surrogate: 13C3-HFPO-DA	EPA 537.1	98 %							Acceptable range: 70-130 %
Surrogate: d5-NEtFOSAA	EPA 537.1	92 %							Acceptable range: 70-130 %

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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
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EPA 533 - Quality Control

Batch: AHB0570
Prep Method: EPA 533

Prepared: 2/10/2024
Analyst: JNG

Blank (AHB0570-BLK1)

11CI-PF3OUdS	ND	2.0	ng/L							02/13/24	
9CI-PF3ONS	ND	2.0	ng/L							02/13/24	
ADONA	ND	2.0	ng/L							02/13/24	
HFPO-DA	ND	2.0	ng/L							02/13/24	
NFDHA	ND	2.0	ng/L							02/13/24	
PFBA	ND	2.0	ng/L							02/13/24	
PFBS	ND	2.0	ng/L							02/13/24	
8:2 FTS	ND	2.0	ng/L							02/13/24	
PFDA	ND	2.0	ng/L							02/13/24	
PFDoA	ND	2.0	ng/L							02/13/24	
PFEESA	ND	2.0	ng/L							02/13/24	
PFHpS	ND	2.0	ng/L							02/13/24	
PFHpA	ND	2.0	ng/L							02/13/24	
4:2 FTS	ND	2.0	ng/L							02/13/24	
PFHxS	ND	2.0	ng/L							02/13/24	
PFHxA	ND	2.0	ng/L							02/13/24	
PFMPA	ND	2.0	ng/L							02/13/24	
PFMBA	ND	2.0	ng/L							02/13/24	
PFNA	ND	2.0	ng/L							02/13/24	
6:2 FTS	ND	2.0	ng/L							02/13/24	
PFOS	ND	2.0	ng/L							02/13/24	
PFOA	ND	2.0	ng/L							02/13/24	
PFPeA	ND	2.0	ng/L							02/13/24	
PFPeS	ND	2.0	ng/L							02/13/24	
PFUnDA	ND	2.0	ng/L							02/13/24	
Surrogate: S-13C4-PFBA	35			40		88	50-200			02/13/24	
Surrogate: S-13C5PFPeA	37			40		93	50-200			02/13/24	
Surrogate: S-13C3-PFBS	39			40		98	50-200			02/13/24	
Surrogate: S-13C2-4:2FTS	160			160		98	50-200			02/13/24	
Surrogate: S-13C5PFHxA	35			40		87	50-200			02/13/24	
Surrogate: S-13C3-HFPO-DA	34			40		85	50-200			02/13/24	
Surrogate: S-13C4PFHpA	37			40		92	50-200			02/13/24	
Surrogate: S-13C3-PFHxS	40			40		101	50-200			02/13/24	
Surrogate: S-13C2-6:2FTS	160			160		98	50-200			02/13/24	
Surrogate: S-13C8PFOA	38			40		94	50-200			02/13/24	
Surrogate: S-13C9PFNA	37			40		93	50-200			02/13/24	
Surrogate: S-13C8-PFOS	41			40		102	50-200			02/13/24	
Surrogate: S-13C2-8:2FTS	130			160		84	50-200			02/13/24	
Surrogate: S-13C6PFDA	37			40		94	50-200			02/13/24	
Surrogate: S-13C7-PFUnDA	35			40		89	50-200			02/13/24	
Surrogate: S-13C2PFDoA	37			40		92	50-200			02/13/24	

Blank Spike (AHB0570-BS1)

11CI-PF3OUdS	11	2.0	ng/L	10	ND	107	70-130			02/13/24	
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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
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EPA 533 - Quality Control

Batch: AHB0570

Prepared: 2/10/2024

Prep Method: EPA 533

Analyst: JNG

Blank Spike (AHB0570-BS1)

9CI-PF3ONS	11	2.0	ng/L	10	ND	111	70-130			02/13/24	
ADONA	11	2.0	ng/L	10	ND	114	70-130			02/13/24	
HFPO-DA	10	2.0	ng/L	10	ND	100	70-130			02/13/24	
NFDHA	9.7	2.0	ng/L	10	ND	97	70-130			02/13/24	
PFBA	11	2.0	ng/L	10	ND	108	70-130			02/13/24	
PFBS	10	2.0	ng/L	10	ND	105	70-130			02/13/24	
8:2 FTS	11	2.0	ng/L	10	ND	110	70-130			02/13/24	
PFDA	11	2.0	ng/L	10	ND	114	70-130			02/13/24	
PFDoA	11	2.0	ng/L	10	ND	113	70-130			02/13/24	
PFEESA	10	2.0	ng/L	10	ND	102	70-130			02/13/24	
PFHpS	8.6	2.0	ng/L	10	ND	86	70-130			02/13/24	
PFHpA	11	2.0	ng/L	10	ND	114	70-130			02/13/24	
4:2 FTS	11	2.0	ng/L	10	ND	107	70-130			02/13/24	
PFHxS	11	2.0	ng/L	10	ND	106	70-130			02/13/24	
PFHxA	10	2.0	ng/L	10	ND	104	70-130			02/13/24	
PFMPA	10	2.0	ng/L	10	ND	102	70-130			02/13/24	
PFMBA	10	2.0	ng/L	10	ND	100	70-130			02/13/24	
PFNA	11	2.0	ng/L	10	ND	105	70-130			02/13/24	
6:2 FTS	11	2.0	ng/L	10	ND	112	70-130			02/13/24	
PFOS	10	2.0	ng/L	10	ND	103	70-130			02/13/24	
PFOA	11	2.0	ng/L	10	ND	111	70-130			02/13/24	
PFPeA	11	2.0	ng/L	10	ND	108	70-130			02/13/24	
PFPeS	11	2.0	ng/L	10	ND	105	70-130			02/13/24	
PFUnDA	11	2.0	ng/L	10	ND	110	50-150			02/13/24	
Surrogate: S-13C4-PFBA	37			40		91	50-200			02/13/24	
Surrogate: S-13C5PFPeA	37			40		94	50-200			02/13/24	
Surrogate: S-13C3-PFBS	41			40		103	50-200			02/13/24	
Surrogate: S-13C2-4:2FTS	160			160		99	50-200			02/13/24	
Surrogate: S-13C5PFHxA	37			40		92	50-200			02/13/24	
Surrogate: S-13C3-HFPO-DA	35			40		87	50-200			02/13/24	
Surrogate: S-13C4PFHpA	34			40		85	50-200			02/13/24	
Surrogate: S-13C3-PFHxS	42			40		104	50-200			02/13/24	
Surrogate: S-13C2-6:2FTS	160			160		102	50-200			02/13/24	
Surrogate: S-13C8PFOA	36			40		90	50-200			02/13/24	
Surrogate: S-13C9PFNA	38			40		95	50-200			02/13/24	
Surrogate: S-13C8-PFOS	41			40		102	50-200			02/13/24	
Surrogate: S-13C2-8:2FTS	140			160		86	50-200			02/13/24	
Surrogate: S-13C6PFDA	38			40		94	50-200			02/13/24	
Surrogate: S-13C7-PFUnDA	37			40		94	50-200			02/13/24	
Surrogate: S-13C2PFDoA	38			40		96	50-200			02/13/24	

Matrix Spike (AHB0570-MS1), Source: SHB0087-01

11CI-PF3OUdS	32	2.0	ng/L	30	ND	107	70-130			02/13/24	
9CI-PF3ONS	31	2.0	ng/L	30	ND	103	70-130			02/13/24	

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SHB0087 FINAL 02212024 0924

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
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EPA 533 - Quality Control

Batch: AHB0570

Prepared: 2/10/2024

Prep Method: EPA 533

Analyst: JNG

Matrix Spike (AHB0570-MS1), Source: SHB0087-01

ADONA	30	2.0	ng/L	30	ND	99	70-130			02/13/24	
HFPO-DA	33	2.0	ng/L	30	ND	109	70-130			02/13/24	
NFDHA	29	2.0	ng/L	30	ND	98	70-130			02/13/24	
PFBA	33	2.0	ng/L	30	ND	111	70-130			02/13/24	
PFBS	33	2.0	ng/L	30	ND	109	70-130			02/13/24	
8:2 FTS	33	2.0	ng/L	30	ND	111	70-130			02/13/24	
PFDA	32	2.0	ng/L	30	ND	106	70-130			02/13/24	
PFDoA	32	2.0	ng/L	30	ND	107	70-130			02/13/24	
PFEESA	33	2.0	ng/L	30	ND	111	70-130			02/13/24	
PFHpS	31	2.0	ng/L	30	ND	102	70-130			02/13/24	
PFHpA	32	2.0	ng/L	30	ND	106	70-130			02/13/24	
4:2 FTS	31	2.0	ng/L	30	ND	104	70-130			02/13/24	
PFHxS	34	2.0	ng/L	30	ND	114	70-130			02/13/24	
PFHxA	31	2.0	ng/L	30	ND	104	70-130			02/13/24	
PFMPA	32	2.0	ng/L	30	ND	106	70-130			02/13/24	
PFMBA	30	2.0	ng/L	30	ND	98	70-130			02/13/24	
PFNA	33	2.0	ng/L	30	ND	110	70-130			02/13/24	
6:2 FTS	33	2.0	ng/L	30	ND	109	70-130			02/13/24	
PFOS	34	2.0	ng/L	30	ND	113	70-130			02/13/24	
PFOA	29	2.0	ng/L	30	ND	98	70-130			02/13/24	
PFPeA	33	2.0	ng/L	30	ND	109	70-130			02/13/24	
PFPeS	32	2.0	ng/L	30	ND	108	70-130			02/13/24	
PFUnDA	32	2.0	ng/L	30	ND	107	70-130			02/13/24	
Surrogate: S-13C4-PFBA	27			40		68	50-200			02/13/24	
Surrogate: S-13C5PFPeA	30			40		75	50-200			02/13/24	
Surrogate: S-13C3-PFBS	38			40		95	50-200			02/13/24	
Surrogate: S-13C2-4:2FTS	160			160		98	50-200			02/13/24	
Surrogate: S-13C5PFHxA	30			40		75	50-200			02/13/24	
Surrogate: S-13C3-HFPO-DA	27			40		68	50-200			02/13/24	
Surrogate: S-13C4PFHpA	29			40		72	50-200			02/13/24	
Surrogate: S-13C3-PFHxS	38			40		95	50-200			02/13/24	
Surrogate: S-13C2-6:2FTS	150			160		97	50-200			02/13/24	
Surrogate: S-13C8PFOA	27			40		69	50-200			02/13/24	
Surrogate: S-13C9PFNA	26			40		66	50-200			02/13/24	
Surrogate: S-13C8-PFOS	37			40		93	50-200			02/13/24	
Surrogate: S-13C2-8:2FTS	130			160		81	50-200			02/13/24	
Surrogate: S-13C6PFDA	31			40		78	50-200			02/13/24	
Surrogate: S-13C7-PFUnDA	33			40		82	50-200			02/13/24	
Surrogate: S-13C2PFDoA	34			40		85	50-200			02/13/24	

Matrix Spike Dup (AHB0570-MSD1), Source: SHB0087-01

11CI-PF3OUdS	29	2.0	ng/L	29	ND	97	70-130	12	30	02/13/24	
9CI-PF3ONS	29	2.0	ng/L	29	ND	100	70-130	5	30	02/13/24	
ADONA	31	2.0	ng/L	29	ND	105	70-130	3	30	02/13/24	

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SHB0087 FINAL 02212024 0924

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
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EPA 533 - Quality Control

Batch: AHB0570

Prepared: 2/10/2024

Prep Method: EPA 533

Analyst: JNG

Matrix Spike Dup (AHB0570-MSD1), Source: SHB0087-01

HFPO-DA	31	2.0	ng/L	29	ND	106	70-130	6	30	02/13/24	
NFDHA	27	2.0	ng/L	29	ND	93	70-130	8	30	02/13/24	
PFBA	32	2.0	ng/L	29	ND	109	70-130	4	30	02/13/24	
PFBS	32	2.0	ng/L	29	ND	111	70-130	1	30	02/13/24	
8:2 FTS	31	2.0	ng/L	29	ND	106	70-130	7	30	02/13/24	
PFDA	31	2.0	ng/L	29	ND	107	70-130	1	30	02/13/24	
PFDoA	29	2.0	ng/L	29	ND	100	70-130	10	30	02/13/24	
PFEESA	32	2.0	ng/L	29	ND	108	70-130	5	30	02/13/24	
PFHpS	30	2.0	ng/L	29	ND	103	70-130	1	30	02/13/24	
PFHpA	31	2.0	ng/L	29	ND	106	70-130	2	30	02/13/24	
4:2 FTS	33	2.0	ng/L	29	ND	113	70-130	6	30	02/13/24	
PFHxS	30	2.0	ng/L	29	ND	102	70-130	14	30	02/13/24	
PFHxA	32	2.0	ng/L	29	ND	110	70-130	3	30	02/13/24	
PFMPA	29	2.0	ng/L	29	ND	101	70-130	7	30	02/13/24	
PFMBA	28	2.0	ng/L	29	ND	97	70-130	4	30	02/13/24	
PFNA	32	2.0	ng/L	29	ND	108	70-130	5	30	02/13/24	
6:2 FTS	32	2.0	ng/L	29	ND	110	70-130	2	30	02/13/24	
PFOS	32	2.0	ng/L	29	ND	108	70-130	7	30	02/13/24	
PFOA	32	2.0	ng/L	29	ND	110	70-130	9	30	02/13/24	
PFPeA	31	2.0	ng/L	29	ND	105	70-130	6	30	02/13/24	
PFPeS	29	2.0	ng/L	29	ND	101	70-130	10	30	02/13/24	
PFUnDA	33	2.0	ng/L	29	ND	111	70-130	1	30	02/13/24	
Surrogate: S-13C4-PFBA	27			39		68	50-200			02/13/24	
Surrogate: S-13C5PFPeA	28			39		72	50-200			02/13/24	
Surrogate: S-13C3-PFBS	38			39		98	50-200			02/13/24	
Surrogate: S-13C2-4:2FTS	160			160		105	50-200			02/13/24	
Surrogate: S-13C5PFHxA	28			39		71	50-200			02/13/24	
Surrogate: S-13C3-HFPO-DA	26			39		67	50-200			02/13/24	
Surrogate: S-13C4PFHpA	26			39		67	50-200			02/13/24	
Surrogate: S-13C3-PFHxS	40			39		102	50-200			02/13/24	
Surrogate: S-13C2-6:2FTS	160			160		101	50-200			02/13/24	
Surrogate: S-13C8PFOA	24			39		61	50-200			02/13/24	
Surrogate: S-13C9PFNA	22			39		56	50-200			02/13/24	
Surrogate: S-13C8-PFOS	39			39		99	50-200			02/13/24	
Surrogate: S-13C2-8:2FTS	130			160		86	50-200			02/13/24	
Surrogate: S-13C6PFDA	26			39		67	50-200			02/13/24	
Surrogate: S-13C7-PFUnDA	28			39		72	50-200			02/13/24	
Surrogate: S-13C2PFDoA	34			39		87	50-200			02/13/24	

EPA 537.1 - Quality Control

Batch: AHB0414

Prepared: 2/8/2024

Prep Method: EPA 537.1

Analyst: JNG

Blank (AHB0414-BLK1)

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.

SHB0087 FINAL 02212024 0924

BSK Associates Laboratory Fresno
Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD Limit	Date Analyzed	Qual
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EPA 537.1 - Quality Control

Batch: AHB0414

Prepared: 2/8/2024

Prep Method: EPA 537.1

Analyst: JNG

Blank (AHB0414-BLK1)

11CI-PF3OUdS	ND	2.0	ng/L						02/10/24	
ADONA	ND	2.0	ng/L						02/10/24	
9CI-PF3ONS	ND	2.0	ng/L						02/10/24	
HFPO-DA	ND	2.0	ng/L						02/10/24	
NEtFOSAA	ND	3.0	ng/L						02/10/24	
NMeFOSAA	ND	3.0	ng/L						02/10/24	
PFBS	ND	2.0	ng/L						02/10/24	
PFHxS	ND	2.0	ng/L						02/10/24	
PFOS	ND	2.0	ng/L						02/10/24	
PFDoA	ND	2.0	ng/L						02/10/24	
PFDA	ND	2.0	ng/L						02/10/24	
PFHpA	ND	2.0	ng/L						02/10/24	
PFHxA	ND	2.0	ng/L						02/10/24	
PFNA	ND	2.0	ng/L						02/10/24	
PFOA	ND	2.0	ng/L						02/10/24	
PFTDA	ND	2.0	ng/L						02/10/24	
PFTTrDA	ND	2.0	ng/L						02/10/24	
PFUnDA	ND	2.0	ng/L						02/10/24	
Surrogate: 13C2-PFHxA	160			160		102	70-130		02/10/24	
Surrogate: 13C2-PFDA	160			160		99	70-130		02/10/24	
Surrogate: 13C3-HFPO-DA	160			160		98	70-130		02/10/24	
Surrogate: d5-NEtFOSAA	140			160		87	70-130		02/10/24	

Blank Spike (AHB0414-BS1)

11CI-PF3OUdS	29	2.0	ng/L	30	ND	98	70-130		02/10/24	
ADONA	30	2.0	ng/L	30	ND	100	70-130		02/10/24	
9CI-PF3ONS	32	2.0	ng/L	30	ND	106	70-130		02/10/24	
HFPO-DA	36	2.0	ng/L	30	ND	119	70-130		02/10/24	
NEtFOSAA	32	3.0	ng/L	30	ND	107	70-130		02/10/24	
NMeFOSAA	33	3.0	ng/L	30	ND	112	70-130		02/10/24	
PFBS	34	2.0	ng/L	30	ND	114	70-130		02/10/24	
PFHxS	28	2.0	ng/L	30	ND	94	70-130		02/10/24	
PFOS	34	2.0	ng/L	30	ND	113	70-130		02/10/24	
PFDoA	29	2.0	ng/L	30	ND	98	70-130		02/10/24	
PFDA	34	2.0	ng/L	30	ND	113	70-130		02/10/24	
PFHpA	32	2.0	ng/L	30	ND	107	70-130		02/10/24	
PFHxA	35	2.0	ng/L	30	ND	118	70-130		02/10/24	
PFNA	34	2.0	ng/L	30	ND	115	70-130		02/10/24	
PFOA	34	2.0	ng/L	30	ND	112	70-130		02/10/24	
PFTDA	28	2.0	ng/L	30	ND	95	70-130		02/10/24	
PFTTrDA	30	2.0	ng/L	30	ND	99	70-130		02/10/24	
PFUnDA	32	2.0	ng/L	30	ND	108	70-130		02/10/24	
Surrogate: 13C2-PFHxA	170			160		104	70-130		02/10/24	
Surrogate: 13C2-PFDA	160			160		99	70-130		02/10/24	

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SHB0087 FINAL 02212024 0924

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
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EPA 537.1 - Quality Control

Batch: AHB0414

Prepared: 2/8/2024

Prep Method: EPA 537.1

Analyst: JNG

Blank Spike (AHB0414-BS1)

Surrogate: 13C3-HFPO-DA	170			160		107	70-130			02/10/24	
Surrogate: d5-NEtFOSAA	160			160		98	70-130			02/10/24	

Matrix Spike (AHB0414-MS1), Source: AHB0361-01

11CI-PF3OUdS	1.6	2.0	ng/L	2.0	ND	78	70-130			02/10/24	
ADONA	1.8	2.0	ng/L	2.0	ND	89	70-130			02/10/24	
9CI-PF3ONS	1.8	2.0	ng/L	2.0	ND	89	70-130			02/10/24	
HFPO-DA	1.9	2.0	ng/L	2.0	ND	97	70-130			02/10/24	
NEtFOSAA	2.1	3.0	ng/L	2.0	ND	104	70-130			02/10/24	
NMeFOSAA	2.2	3.0	ng/L	2.0	ND	111	70-130			02/10/24	
PFBS	2.8	2.0	ng/L	2.0	ND	106	70-130			02/10/24	
PFHxS	2.6	2.0	ng/L	2.0	ND	97	70-130			02/10/24	
PFOS	2.3	2.0	ng/L	2.0	ND	116	70-130			02/10/24	
PFDoA	1.6	2.0	ng/L	2.0	ND	82	70-130			02/10/24	
PFDA	2.2	2.0	ng/L	2.0	ND	109	70-130			02/10/24	
PFHpA	2.1	2.0	ng/L	2.0	ND	106	70-130			02/10/24	
PFHxA	2.7	2.0	ng/L	2.0	ND	136	70-130			02/10/24	MS1.6 High
PFNA	2.3	2.0	ng/L	2.0	ND	117	70-130			02/10/24	
PFOA	2.4	2.0	ng/L	2.0	ND	123	70-130			02/10/24	
PFTDA	1.6	2.0	ng/L	2.0	ND	82	70-130			02/10/24	
PFTDA	1.6	2.0	ng/L	2.0	ND	82	70-130			02/10/24	
PFUnDA	2.1	2.0	ng/L	2.0	ND	106	70-130			02/10/24	
Surrogate: 13C2-PFHxA	150			160		96	70-130			02/10/24	
Surrogate: 13C2-PFDA	150			160		97	70-130			02/10/24	
Surrogate: 13C3-HFPO-DA	140			160		89	70-130			02/10/24	
Surrogate: d5-NEtFOSAA	160			160		98	70-130			02/10/24	

Matrix Spike Dup (AHB0414-MSD1), Source: AHB0361-01

11CI-PF3OUdS	1.5	2.0	ng/L	2.0	ND	74	70-130	4	30	02/10/24	
ADONA	1.9	2.0	ng/L	2.0	ND	92	70-130	6	30	02/10/24	
9CI-PF3ONS	1.8	2.0	ng/L	2.0	ND	91	70-130	4	30	02/10/24	
HFPO-DA	2.1	2.0	ng/L	2.0	ND	104	70-130	8	30	02/10/24	
NEtFOSAA	2.0	3.0	ng/L	2.0	ND	97	70-130	5	30	02/10/24	
NMeFOSAA	2.0	3.0	ng/L	2.0	ND	101	70-130	7	30	02/10/24	
PFBS	2.9	2.0	ng/L	2.0	ND	112	70-130	5	30	02/10/24	
PFHxS	2.8	2.0	ng/L	2.0	ND	105	70-130	7	30	02/10/24	
PFOS	2.6	2.0	ng/L	2.0	ND	127	70-130	11	30	02/10/24	
PFDoA	1.7	2.0	ng/L	2.0	ND	84	70-130	4	30	02/10/24	
PFDA	2.2	2.0	ng/L	2.0	ND	107	70-130	0	30	02/10/24	
PFHpA	2.2	2.0	ng/L	2.0	ND	111	70-130	6	30	02/10/24	
PFHxA	2.8	2.0	ng/L	2.0	ND	138	70-130	4	30	02/10/24	MS1.6 High
PFNA	2.6	2.0	ng/L	2.0	ND	127	70-130	10	30	02/10/24	
PFOA	2.5	2.0	ng/L	2.0	ND	126	70-130	4	30	02/10/24	
PFTDA	1.8	2.0	ng/L	2.0	ND	89	70-130	10	30	02/10/24	

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.

SHB0087 FINAL 02212024 0924



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
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EPA 537.1 - Quality Control

Batch: AHB0414

Prepared: 2/8/2024

Prep Method: EPA 537.1

Analyst: JNG

Matrix Spike Dup (AHB0414-MSD1), Source: AHB0361-01

PFTTrDA	1.9	2.0	ng/L	2.0	ND	92	70-130	14	30	02/10/24	
PFUnDA	2.1	2.0	ng/L	2.0	ND	105	70-130	1	30	02/10/24	
Surrogate: 13C2-PFHxA	170			160		105	70-130			02/10/24	
Surrogate: 13C2-PFDA	170			160		103	70-130			02/10/24	
Surrogate: 13C3-HFPO-DA	150			160		94	70-130			02/10/24	
Surrogate: d5-NEtFOSAA	160			160		102	70-130			02/10/24	

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.

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	C997-23

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		



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:

SFH0087 Solam6847

02/06/2024



10

Temp **2.8°C/17**

Thermometer ID:

Phone: 707-455-4021

Fax:
 E-mail: smurphy@sidwater.org

Report Attention:

S. Murphy
 Additional cc's:

Solano Irrigation District

PO#: PO#11425

Address: 810 Vaca Valley Parkway, Suite 201

State: CA Zip: 95688

City: Vacaville

Phase # Task #

Project: Rural North Vacaville Water District

Regulatory Compliance
 EDT to California SWRCB (Drinking Water)
 System Number: CA4810013
 Geotracker #:

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

Reporting Options:
 Trace (J-Flag) Swamp EDD Type:
 Sampler Name (Printed/Signature):
JST Headmichelson

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*		Matrix*	Comments / Station Code / WTRAX
		Date	Time		
1	ss#3 4263 Cantelow Road	2/6/24	1058	DW	X PFA5 EPA 533
2	ss#4 3859 Joslyn Road	2/6/24	1040	DW	X
3	ss#5 3749 Ciarlo Lane	2/6/24	0950	DW	X
4	ss#6 3771 Cantelow Road	2/6/24	1022	DW	X

Received by: (Signature and Printed Name)
AVIATOR COOLER

Date: 2/6/24 Time: 1110

Company: S/D

Received by: (Signature and Printed Name)
AVIATOR COOLER

Date: 2/6/24 Time: 1324

Company: S/D

Received by: (Signature and Printed Name)
Redmond Sean Johnson

Date: 2/6/24 Time: 1607

Company: Bsk-seu

Received by: (Signature and Printed Name)
Redmond Sean Johnson

Shipping Method: GLS UPS WALK-IN
 Cooling Method: Y91 Blue
 Payment for services rendered as hold herein are due in full within 30 days from the date invoiced. If not so paid, account balances are deemed delinquent. Delinquent balances are subject to monthly service charges and interest specified in BSK's current Standard Terms and Conditions for Laboratory Services. The person signing for the Client/Company acknowledges that they are either the Client or an authorized agent to the Client, that the Client agrees to be responsible for payment for the services on this Chain of Custody, and agrees to BSK's terms and conditions for laboratory services unless contractually bound otherwise. BSK's current terms and conditions can be found at www.bskassociates.com/BSKLabTermsConditions.pdf

Recd: Maylene T. Dosano 2/6/24 1607

Chilling Process Begun: N

Custody Seal: Y/N

Amount: PIA#:

Company: Bsk-seu / Cash
 Check / Init.



Sample Integrity

BSK Bottles: Yes No Page 1 of 1

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

Bottles Received <small>means preservation/chlorine checks are either N/A or are performed in the lab</small>	250ml(A) 500ml(B) 1Liter(C) 40ml(VOA(V) 125ml(D)	Checks*	Passed?	1,3,5,7ca	2,4,6,8ca	
	Bacti Na₂S₂O₃	—	—			
	None (P) White Cap	—	—			
	Cr6 (P) Lt. Green Label/Blue Cap NH ₄ OH(NH ₄) ₂ SO ₄ DW	Cl, pH > 8	P	F		
	Cr6 (P) Pink Label/Blue Cap NH ₄ OH(NH ₄) ₂ SO ₄ WW	pH 9.3-9.7	P	F		
	Cr6 (P) Black Label/Blue Cap NH ₄ OH(NH ₄) ₂ SO ₄ 7199 ***24 HOUR HOLD TIME***	pH 9.0-9.5	P	F		
	HNO ₃ (P) Red Cap or HCl (P) Purple Cap/Lt. Blue Label	—	—			
	H ₂ SO ₄ (P) or (AG) Yellow Cap/Label	pH < 2	P	F		
	NaOH (P) Green Cap	Cl, pH > 10	P	F		
	NaOH + ZnAc (P)	pH > 9	P	F		
	Dissolved Oxygen 300ml (g)	—	—			
	None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	—	—			
	HCl (AG) Lt. Blue Label O&G, Diesel, TCP	—	—			
	Ascorbic, EDTA, KH ₂ Ct (AG) Pink Label 525	—	—			
	Na ₂ SO ₃ 250mL (AG) Neon Green Label 515	—	—			
	Na ₂ S ₂ O ₃ 1 Liter (Brown P) 549	—	—			
	Na ₂ S ₂ O ₃ (AG) Blue Label 548, THM, 524	—	—			
	Na ₂ S ₂ O ₃ (CG) Blue Label 504, 505, 547	—	—			
	Na ₂ S ₂ O ₃ + MCAA (CG) Orange Label 531	pH < 3	P	F		
	NH ₄ Cl (AG) Purple Label 552	—	—			
	EDA (P) or (AG) Brown Label DBPs	—	—			
	HCL (CG) 524.2, BTEX, Gas, MTBE, 8260/624	—	—			
	Buffer pH 4 (CG)	—	—			
	H ₃ PO ₄ (CG) Salmon Label	—	—			
	Trizma - EPA 537.1 Light Blue Label FB	---	---	3A	1A	
	Ammonia Acetate - EPA 533 Purple Label FB	---	---	3A	1A	
	Bottled Water	—	—			
	Asbestos 1L (P) w/ Foil / LL Metals Bottle	—	—			
Clear Glass	—	—				
OTHER:	—	—				

Split	Container	Preservative	Lot #	Initials	Date/Time	Preservation	Check
	S P					pH Lot #	
	S P					Cl Lot #	

Comments	*Preservation check completed by lab performing analysis.	✓ Indicates Blanks Received
	Labeled by: _____ Labels Checked by: _____	504 ___ 524.2 ___ TTHM ___ 537/533 ___ TCP ___ ✓ MS/MSD Received Method: _____

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



SAMPLE TRANSIT ORDER

SHB0087

Alejandra Gomez



Receipt temp @ FAL: 4.3 Thermometer/ IR Gun ID: 65

SENDING LABORATORY:

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

Project Manager: Alejandra Gomez
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RECEIVING LABORATORY:

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

Turnaround (Days): Standard
QC Deliverables: I Std III IV

Client: Solano Irrigation District

Table with 4 columns: Sample ID, Samp Desc, Client Matrix, Sample Date. Contains 7 rows of sample data including Cantelow Road and Ciarlo Lane locations.

Lab Matrix: Water

Analysis:

EPA 533
EPA 537.1

SHB0087-08 ss#6 3771 Cantelow Road Field Blank

Client Matrix Drinking Water 02/06/2024 10:22

Lab Matrix: Water

Analysis:

EPA 533 Field Blank
EPA 537.1 Field Blank

Containers Included

SHB0087-01	A	250mL P / Ammonium Acetate
SHB0087-01	B	250mL P / Ammonium Acetate
SHB0087-01	C	250mL P / Ammonium Acetate
SHB0087-01	D	250mL P / Trizma
SHB0087-01	E	250mL P / Trizma
SHB0087-01	F	250mL P / Trizma
SHB0087-02	A	250mL P / Ammonium Acetate
SHB0087-02	B	250mL P / Trizma
SHB0087-03	A	250mL P / Ammonium Acetate
SHB0087-03	B	250mL P / Ammonium Acetate
SHB0087-03	C	250mL P / Ammonium Acetate
SHB0087-03	D	250mL P / Trizma
SHB0087-03	E	250mL P / Trizma
SHB0087-03	F	250mL P / Trizma
SHB0087-04	A	250mL P / Ammonium Acetate
SHB0087-04	B	250mL P / Trizma
SHB0087-05	A	250mL P / Ammonium Acetate
SHB0087-05	B	250mL P / Ammonium Acetate
SHB0087-05	C	250mL P / Ammonium Acetate
SHB0087-05	D	250mL P / Trizma
SHB0087-05	E	250mL P / Trizma
SHB0087-05	F	250mL P / Trizma
SHB0087-06	A	250mL P / Ammonium Acetate
SHB0087-06	B	250mL P / Trizma
SHB0087-07	A	250mL P / Ammonium Acetate
SHB0087-07	B	250mL P / Ammonium Acetate
SHB0087-07	C	250mL P / Ammonium Acetate
SHB0087-07	D	250mL P / Trizma
SHB0087-07	E	250mL P / Trizma
SHB0087-07	F	250mL P / Trizma
SHB0087-08	A	250mL P / Ammonium Acetate
SHB0087-08	B	250mL P / Trizma

Handwritten signature and date: 2/7/24

Released By: *Maylene T. Dosano* Date: *2/7/24*

Received By: *Alon R. ...* Date: *2-7-24*

Released By: *Alon R. ...* Date: *2-7-24*

Received By: *JOEL Garcia* Date: *2/7/24* 1344

SAMPLE TRANSIT INTEGRITY

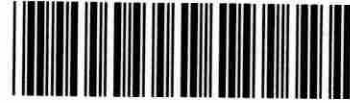
SHB0087

PM: Alejandra Gomez

02/06/2024

Solan6847

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BSK Bottles: Yes No Page 1 of 2

COC Info	Was temperature within range? Chemistry ≤ 6°C Micro < 8°C			Were correct containers and preservatives received for the tests requested?					
		Yes	No	NA	Yes	No	NA		
Bottles Received	Did all bottles arrive unbroken and intact?			Bubbles Present VOAs (524.2/TCP/TTHM)?					
	Was a sufficient amount of sample received?			TB Received? (Check Method Below)					
	Do samples have a hold time < 72 hours?			Was PM notified of discrepancies?					
	Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?			PM: By/Time:					
"----" means preservation/chlorine checks are either N/A or are performed in the lab	250ml(A) 500ml(B) 1Liter(C) 40ml VOA(V)	Checks	Passed?	1	2	3	4	5	6
	Bacti Na2S2O3	---	---						
	None (P) White Cap	---	---						
	Cr6 (P) Lt. Green Label/Blue Cap NH4OH(NH4)SO4 DW	Cl, pH > 8	P F						
	Cr6 (P) Pink Label/Blue Cap NH4OH(NH4)SO4 WW	pH 9.3 - 9.7	P F						
	Cr6 (P) Black Label/Blue Cap NH4OH(NH4)SO4 7199 ***24 HOUR HOLD TIME***	pH 9.0 - 9.5	P F						
	HNO3 (P) Red Cap or HCl (P) Purple Cap/Lt. Blue Label	---	---						
	H2SO4 (P) or (AG) Yellow Cap/Label	pH < 2	P F						
	NaOH (P) Green Cap	Cl, pH > 10	P F						
	NaOH + ZnAc (P)	pH > 9	P F						
	Dissolved Oxygen 300ml (g)	---	---						
	None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	---	---						
	HCl (AG) Lt. Blue Label O&G, Diesel, TCP	---	---						
	Ascorbic, EDTA, KH2Ct (AG) Pink Label 525	---	---						
	Na2SO3 250ml (AG) Neon Green Label 515	---	---						
	Na2S2O3 1 Liter (Brown P) 549	---	---						
	Na2S2O3 (AG) Blue Label 548, THM, 524	---	---						
	Na2S2O3 (CG) Blue Label 504, 505, 547	---	---						
	Na2S2O3 + MCAA (CG) Orange Label 531	pH < 3	P F						
	NH4Cl (AG) Purple Label 552	---	---						
	EDA (AG) Brown Label DBPs	---	---						
	HCL (CG) 524.2, BTEX, Gas, MTBE, 8260/624	---	---						
	Buffer pH 4 (CG)	---	---						
	H3PO4 (CG) Salmon Label	---	---						
	250mL P / Trizma 531.1	---	---	3A	1A	3A	1A	3A	1A
Other: A, A ₀			3A	1A	3A	1A	3A	1A	
Asbestos 1L (P) w/Foil / LL Metals Bottle	---	---							
Bottled Water A, A ₀	---	---							
Clear Glass 250ml / 500ml / 1 Liter	---	---							
Solids: Brass / Steel / Plastic Bag	---	---							
Split	Container	Preservative	Date/Time/Initials	Container	Preservative	Date/Time/Initials			
	S P			S P					
Comments							✓ Indicates Blanks Received		
							504 _____ 524.2 _____ TCP _____ TTHM _____ 537 _____ 8260/624 _____		

Preservation Check: pH Lot# _____

Cl Lot# _____

Labels

Checked by: _____ @ _____

Scanned by: _____ @ _____

RUSH

Paged by: _____ @ _____

Sample Integrity

BSK Bottles: Yes No

Page 2 of 2

Work Order
Label

COC Info	Was temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 8^{\circ}\text{C}$	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Were correct containers and preservatives received for the tests requested?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
	If samples were taken today, is there evidence that chilling has begun?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Bubbles Present VOAs (524.2/TTHM/TCP)? TB Received? (Check Method Below)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
	Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Was a sufficient amount of sample received?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
	Did all bottle labels agree with COC?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Do samples have a hold time <72 hours?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	<input checked="" type="checkbox"/> Yes		<input checked="" type="checkbox"/> NA	Was PM notified of discrepancies? PM: _____ By/Time: _____	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	
Bottles Received	250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)	Checks*	Passed?					
	Bacti Na ₂ S ₂ O ₃	—	—					
	None (P) ^{White Cap}	—	—					
	Cr6 (P) Lt. Green Label/Blue Cap NH ₄ OH(NH ₄) ₂ SO ₄ DW	Cl, pH > 8	P	F				
	Cr6 (P) Pink Label/Blue Cap NH ₄ OH(NH ₄) ₂ SO ₄ WW	pH 9.3-9.7	P	F				
	Cr6 (P) Black Label/Blue Cap NH ₄ OH(NH ₄) ₂ SO ₄ 7199 ***24 HOUR HOLD TIME***	pH 9.0-9.5	P	F				
	HNO ₃ (P) Red Cap or HCl (P) Purple Cap/Lt. Blue Label	—	—					
	H ₂ SO ₄ (P) or (AG) Yellow Cap/Label	pH < 2	P	F				
	NaOH (P) Green Cap	Cl, pH > 10	P	F				
	NaOH + ZnAc (P)	pH > 9	P	F				
	Dissolved Oxygen 300ml (g)	—	—					
	None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	—	—					
	HCl (AG) ^{Lt. Blue Label} O&G, Diesel, TCP	—	—					
	Ascorbic, EDTA, KH ₂ Ct (AG) ^{Pink Label} 525	—	—					
	Na ₂ SO ₃ 250mL (AG) ^{Neon Green Label} 515	—	—					
	Na ₂ S ₂ O ₃ 1 Liter (Brown P) 549	—	—					
	Na ₂ S ₂ O ₃ (AG) ^{Blue Label} 548, THM, 524	—	—					
	Na ₂ S ₂ O ₃ (CG) ^{Blue Label} 504, 505, 547	—	—					
	Na ₂ S ₂ O ₃ + MCAA (CG) ^{Orange Label} 531	pH < 3	P	F				
	NH ₄ Cl (AG) ^{Purple Label} 552	—	—					
	EDA (P) or (AG) Brown Label DBPs	—	—					
	HCL (CG) 524.2, BTEX, Gas, MTBE, 8260/624	—	—					
	Buffer pH 4 (CG)	—	—					
	H ₃ PO ₄ (CG) ^{Salmon Label}	—	—					
	Trizma – EPA 537.1 ^{Light Blue Label} FB	—	—			3A	1A	
	Ammonia Acetate - EPA 533 ^{Purple Label} FB	—	—			3A	1A	
	Bottled Water	—	—					
	Asbestos 1L (P) w/ Foil / LL Metals Bottle	—	—					
Clear Glass	—	—						
OTHER:	—	—						
Split	Container	Preservative	Lot #	Initials	Date/Time	Preservation	Check	
	S P					pH Lot #		
	S P					Cl Lot #		
Comments	*Preservation check completed by lab performing analysis.			<input checked="" type="checkbox"/> Indicates Blanks Received 504 ___ 524.2 ___ TTHM ___ 537/533 ___ TCP ___ <input checked="" type="checkbox"/> MS/MSD Received Method: _____				
	Labeled by: _____			Labels Checked by: _____				

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