



26 May 2023

Matthew Olson Arizona Department of Environmental Quality, PHX 1110 W. Washington Street Phoenix, AZ 85007

RE: PWS PFAS

AZ0404024 BONITA CREEK WATER COMPANY

Laboratory Work Order No.: 23E1823

Legend Technical Services of Arizona, Inc. is pleased to provide the enclosed analytical results for the aforementioned project. These results relate only to the items tested. This cover letter and the accompanying pages represent the full report for these analyses and should only be reproduced in full. Samples for this project were received by the laboratory on 05/11/23 10:09.

The samples were processed in accordance with the Chain of Custody document and the results presented relate only to the samples tested. The Chain of Custody is considered part of this report.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made. Due to hold-time and method sample volume requirements, microbiological samples are not retained unless other arrangements are made.

This entire report was reviewed and approved for release by the undersigned. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

LEGEND TECHNICAL SERVICES OF ARIZONA, INC.

God Teter

Lisa Teter

Client Services Representative

(602) 324-6100

This laboratory report is confidential and is intended for the sole use of LEGEND and it's client.

1110 W. Washington Street

Phoenix, AZ 85007

Project: PWS PFAS

Project Number: AZ0404024 BONITA CREEK WATER COMPANY

Client Manager: Matthew Olson

Reported: 05/26/23 12:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Туре	Date Sampled	Date Received
AZ0404024 (EPDS001)	23E1823-01	Drinking Water	Grab	05/10/23 13:24	05/11/23 10:09
AZ0404024 (EPDS001)	23E1823-03	Drinking Water	Grab	05/10/23 13:25	05/11/23 10:09

Sample Condition Upon Receipt:

Temperature: 0.10 C

All samples were received in acceptable condition unless noted otherwise in the case

narrative.

Case Narrative:

Holding Times: All holding times were met unless otherwise qualified.

QA/QC Criteria: All analyses met method requirements unless otherwise qualified. Certifications: AZ(PHX)0004, AZ(TUC)OOO4, AIHA#102982, CDC ELITE Member.

Accreditation is applicable only to the test methods specified on each scope of accreditation held by LEGEND.

Comments: There were no problems encountered during the processing of the samples, unless otherwise noted.

All samples were analyzed on a "wet" basis unless designated as "dry weight".

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Laboratory Work Order No.: 23E1823

1110 W. Washington Street Phoenix, AZ 85007

Project: PWS PFAS

Project Number: AZ0404024 BONITA CREEK WATER COMPANY

Client Manager: Matthew Olson

Reported: 05/26/23 12:29

AZ0404024 (EPDS001) (23E1823-01) Drinking Water (Grab) Sampled: 05/10/23 13:24 Received: 05/11/23 10:09

Analyte	Result	PQL	Units	Dilutio	on Batch	Prepared	Analyzed	Method	Notes
	Legend 7	echnical	Service	es of A	rizona, Ind) .	-		
Semi-Volatile Organic Compounds	· ·								
11CI-PF3OUdS	<4.63	4.63	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06	EPA 533	
4:2FTS	<2.78	2.78	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06	EPA 533	
6:2FTS	<4.63	4.63	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06	EPA 533	
8:2FTS	<4.63	4.63	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06	EPA 533	
9CI-PF3ONS	<1.85	1.85	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06	EPA 533	
HFPO-DA (GenX)	<4.63	4.63	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06	EPA 533	
NaDONA	<2.78	2.78	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
NFDHA	<18.5	18.5	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFBA	<4.63	4.63	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFBS	<2.78	2.78	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFDA	<2.78	2.78	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFDoA	<2.78	2.78	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFEESA	<2.78	2.78	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFHpA	<2.78	2.78	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFHpS	<2.78	2.78	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFHxA	<2.78	2.78	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFHxS	<2.78	2.78	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFMBA	<2.78	2.78	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFMPA	<3.70	3.70	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFNA	<3.70	3.70	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFOA	<3.70	3.70	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFOS	<3.70	3.70	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFPeA	<2.78	2.78	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFPeS	<3.70	3.70	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
PFUnA	<1.85	1.85	ng/L	1	B3E0679	05/19/23 09:30	05/23/23 05:06		
Surrogate: 13C2-4:2FTS (IDA)	11.00	147 %	-	0-200		05/15/25 05:50			
Surrogate: 13C2-6:2FTS (IDA)		124 %		0-200		0679 05/19			
Surrogate: 13C2-8:2FTS (IDA)		110 %		0-200		0679 05/19			
Surrogate: 13C2-PFDoA (IDA)		96 %		0-200		0679 05/19			
Surrogate: 13C3-HFPO-DA (IDA)		84 %		0-200		0679 05/19			
Surrogate: 13C3-PFBS (IDA)		95 %	5	0-200		0679 05/19			
Surrogate: 13C3-PFHxS (IDA)		97 %	50	0-200	B3E	0679 05/19	9/23 05/23	3/23 EPA 533	
Surrogate: 13C4-PFBA (IDA)		101 %	50	0-200	B3E	0679 05/19	9/23 05/23	3/23 EPA 533	
Surrogate: 13C4-PFHpA (IDA)		86 %	50	0-200	B3E	0679 05/19	9/23 05/23	3/23 EPA 533	
Surrogate: 13C5-PFHxA (IDA)		83 %	5	0-200	B3E	0679 05/19	9/23 05/23	3/23 EPA 533	
Surrogate: 13C5-PFPeA (IDA)		141 %	5	0-200	B3E	0679 05/19	9/23 05/23	3/23 EPA 533	
Surrogate: 13C6-PFDA (IDA)		93 %	5	0-200	B3E	0679 05/19	9/23 05/23	3/23 EPA 533	
Surrogate: 13C7-PFUnA (IDA)		93 %	5	0-200	B3E	0679 05/19	9/23 05/23	3/23 EPA 533	
Surrogate: 13C8-PFOA (IDA)		91 %	5	0-200	B3E	0679 05/19	9/23 05/23	3/23 EPA 533	
Surrogate: 13C8-PFOS (IDA)		100 %	5	0-200	B3E	0679 05/19	9/23 05/23	3/23 EPA 533	
Surrogate: 13C9-PFNA (IDA)		87 %	5	0-200	B3E	0679 05/19	9/23 05/23	3/23 EPA 533	<u> </u>

AZ0404024 (EPDS001) (23E1823-03) Drinking Water (Grab) Sampled: 05/10/23 13:25 Received: 05/11/23 10:09

Analyte	Result	PQL	Units	Dilution Batch	Prepared	Analyzed	Method	Notes	
Legend Technical Services of Arizona, Inc.									

Project: PWS PFAS

1110 W. Washington Street

Phoenix, AZ 85007

Project Number: AZ0404024 BONITA CREEK WATER COMPANY

Client Manager: Matthew Olson

Reported: 05/26/23 12:29

AZ0404024 (EPDS001) (23E1823-03) Drinking Water (Grab) Sampled: 05/10/23 13:25 Received: 05/11/23 10:09

Analyte	Result	PQL	Units	Dilutio	on Batch	Prepared	Analyze	d Method	Notes
	Legend ⁻	Technical	Service	es of A	rizona, Inc	·.			
Semi-Volatile Organic Compounds									
11CI-PF3OUdS	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
9CI-PF3ONS	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
HFPO-DA (GenX)	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
NaDONA	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
N-EtFOSAA	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
N-MeFOSAA	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
PFBS	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
PFDA	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
PFDoA	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
PFHpA	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
PFHxA	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
PFHxS	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
PFNA	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
PFOA	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
PFOS	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
PFTeDA (PFTA)	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
PFTrDA	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
PFUdA	<1.74	1.74	ng/L	1	B3E0538	05/16/23 09:00	05/18/23 09:	08 EPA 537.1	
Surrogate: C2-PFDA (SURR)		106 %	7	0-130	B3E	0538 05/16	5/23 05	/ 18/23 EPA 537.1	!
Surrogate: C2-PFHxA (SURR)		81 %	7	0-130	B3E	0538 05/16	5/23 05	/ 18/23 EPA 537. I	!
Surrogate: C3-HFPO-DA (SURR)		88 %	7	0-130	B3E	0538 05/16	6/23 05	/18/23 EPA 537.1	!
Surrogate: d5-n-EtFOSAA (SURR)		111 %	7	0-130	B3E	0538 05/16	5/23 05	/ 18/23 EPA 537.1	!

Pro

Project: PWS PFAS

1110 W. Washington Street Phoenix, AZ 85007 Project Number: AZ0404024 BONITA CREEK WATER COMPANY

Client Manager: Matthew Olson

Reported: 05/26/23 12:29

Semi-Volatile Organic Compounds - Quality Control Legend Technical Services of Arizona, Inc.

				_		0/ 050			
	Reporting		Spike	Source		%REC		RPD	
Analyte Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch	B3E0538	 Default 	Prep	GC-Semi

Blank (B3E0538-BLK1)				Prepared: 05/16/2	23 Analyzed: 05	/18/23	
11CI-PF3OUdS	<2.00	2.00	ng/L				
9CI-PF3ONS	<2.00	2.00	ng/L				
HFPO-DA (GenX)	<2.00	2.00	ng/L				
NaDONA	<2.00	2.00	ng/L				
N-EtFOSAA	<2.00	2.00	ng/L				
N-MeFOSAA	<2.00	2.00	ng/L				
PFBS	<2.00	2.00	ng/L				
PFDA	<2.00	2.00	ng/L				
PFDoA	<2.00	2.00	ng/L				
PFHpA	<2.00	2.00	ng/L				
PFHxA	<2.00	2.00	ng/L				
PFHxS	<2.00	2.00	ng/L				
PFNA	<2.00	2.00	ng/L				
PFOA	<2.00	2.00	ng/L				
PFOS	<2.00	2.00	ng/L				
PFTeDA (PFTA)	<2.00	2.00	ng/L				
PFTrDA	<2.00	2.00	ng/L				
PFUdA	<2.00	2.00	ng/L				
LCS (B3E0538-BS1)				Prepared: 05/16/2	23 Analyzed: 05	/18/23	
11CI-PF3OUdS	36.4	2.00	ng/L	37.8	96	70-130	
9CI-PF3ONS	36.7	2.00	ng/L	37.4	98	70-130	
HFPO-DA (GenX)	39.0	2.00	ng/L	40.0	97	70-130	
NaDONA							
Nadona	37.4	2.00	ng/L	37.8	99	70-130	
N-EtFOSAA	37.4 41.8	2.00 2.00	ng/L ng/L	37.8 40.0	99 104	70-130 70-130	
N-EtFOSAA	41.8	2.00	ng/L	40.0	104	70-130	
N-EtFOSAA N-MeFOSAA	41.8 37.4	2.00 2.00	ng/L ng/L	40.0 40.0	104 93	70-130 70-130	
N-EtFOSAA N-MeFOSAA PFBS	41.8 37.4 35.5	2.00 2.00 2.00	ng/L ng/L ng/L	40.0 40.0 35.4	104 93 100	70-130 70-130 70-130	
N-EtFOSAA N-MeFOSAA PFBS PFDA PFDoA	41.8 37.4 35.5 38.3	2.00 2.00 2.00 2.00	ng/L ng/L ng/L ng/L	40.0 40.0 35.4 40.0	104 93 100 96	70-130 70-130 70-130 70-130	
N-EtFOSAA N-MeFOSAA PFBS PFDA PFDoA PFHpA	41.8 37.4 35.5 38.3 41.9	2.00 2.00 2.00 2.00 2.00	ng/L ng/L ng/L ng/L ng/L	40.0 40.0 35.4 40.0 40.0	104 93 100 96 105	70-130 70-130 70-130 70-130 70-130	
N-EtFOSAA N-MeFOSAA PFBS PFDA PFDoA PFHpA PFHxA	41.8 37.4 35.5 38.3 41.9 38.4	2.00 2.00 2.00 2.00 2.00 2.00	ng/L ng/L ng/L ng/L ng/L ng/L	40.0 40.0 35.4 40.0 40.0 40.0	104 93 100 96 105 96	70-130 70-130 70-130 70-130 70-130 70-130	
N-EtFOSAA N-MeFOSAA PFBS PFDA PFDoA PFHpA PFHxA PFHxS	41.8 37.4 35.5 38.3 41.9 38.4 37.7	2.00 2.00 2.00 2.00 2.00 2.00 2.00	ng/L ng/L ng/L ng/L ng/L ng/L	40.0 40.0 35.4 40.0 40.0 40.0	104 93 100 96 105 96 94	70-130 70-130 70-130 70-130 70-130 70-130 70-130	
N-EtFOSAA N-MeFOSAA PFBS PFDA PFDoA PFHpA PFHxA	41.8 37.4 35.5 38.3 41.9 38.4 37.7 36.2	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	ng/L ng/L ng/L ng/L ng/L ng/L ng/L	40.0 40.0 35.4 40.0 40.0 40.0 40.0 36.4	104 93 100 96 105 96 94	70-130 70-130 70-130 70-130 70-130 70-130 70-130	
N-EtFOSAA N-MeFOSAA PFBS PFDA PFDoA PFHpA PFHxA PFHxS PFNA PFOA	41.8 37.4 35.5 38.3 41.9 38.4 37.7 36.2 42.4	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	ng/L ng/L ng/L ng/L ng/L ng/L ng/L ng/L	40.0 40.0 35.4 40.0 40.0 40.0 40.0 36.4 40.0	104 93 100 96 105 96 94 99	70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130	
N-EtFOSAA N-MeFOSAA PFBS PFDA PFDoA PFHpA PFHxA PFHxS PFNA PFOA	41.8 37.4 35.5 38.3 41.9 38.4 37.7 36.2 42.4 38.3	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	ng/L ng/L ng/L ng/L ng/L ng/L ng/L ng/L	40.0 40.0 35.4 40.0 40.0 40.0 40.0 36.4 40.0 40.0	104 93 100 96 105 96 94 99 106	70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130	
N-EtFOSAA N-MeFOSAA PFBS PFDA PFDoA PFHpA PFHxA PFHxS PFNA PFOA	41.8 37.4 35.5 38.3 41.9 38.4 37.7 36.2 42.4 38.3 36.0	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	ng/L ng/L ng/L ng/L ng/L ng/L ng/L ng/L	40.0 40.0 35.4 40.0 40.0 40.0 36.4 40.0 40.0 37.0	104 93 100 96 105 96 94 99 106 96	70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130	

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Project: PWS PFAS

1110 W. Washington Street Phoenix, AZ 85007

Project Number: AZ0404024 BONITA CREEK WATER COMPANY

Client Manager: Matthew Olson

Reported: 05/26/23 12:29

Semi-Volatile Organic Compounds - Quality Control Legend Technical Services of Arizona, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
atch B3E0538 - Default Prep GC-	Semi									
CS Dup (B3E0538-BSD1)				Prepared:	05/16/23 A	nalyzed: 05.	/18/23			
1CI-PF3OUdS	37.1	2.00	ng/L	37.8		98	70-130	2	30	
CI-PF3ONS	36.6	2.00	ng/L	37.4		98	70-130	0.2	30	
IFPO-DA (GenX)	35.8	2.00	ng/L	40.0		90	70-130	8	30	
laDONA	36.9	2.00	ng/L	37.8		98	70-130	1	30	
-EtFOSAA	42.8	2.00	ng/L	40.0		107	70-130	3	30	
-MeFOSAA	39.0	2.00	ng/L	40.0		97	70-130	4	30	
FBS	35.6	2.00	ng/L	35.4		101	70-130	0.3	30	
FDA	39.1	2.00	ng/L	40.0		98	70-130	2	30	
FDoA	43.8	2.00	ng/L	40.0		109	70-130	4	30	
FHpA	38.3	2.00	ng/L	40.0		96	70-130	0.5	30	
FHxA	38.0	2.00	ng/L	40.0		95	70-130	0.7	30	
FHxS	36.6	2.00	ng/L	36.4		100	70-130	1	30	
FNA	40.6	2.00	ng/L	40.0		102	70-130	4	30	
FOA	39.1	2.00	ng/L	40.0		98	70-130	2	30	
FOS	36.5	2.00	ng/L	37.0		99	70-130	2	30	
FTeDA (PFTA)	39.2	2.00	ng/L	40.0		98	70-130	3	30	
FTrDA	40.5	2.00	ng/L	40.0		101	70-130	1	30	
FUdA	41.1	2.00	ng/L	40.0		103	70-130	4	30	
latrix Spike (B3E0538-MS1)	Sour	ce: 23E1541	-01	Prepared:	05/16/23 A	nalyzed: 05.	/18/23			
1CI-PF3OUdS	33.9	1.89	ng/L	35.8	<1.89	95	70-130			
CI-PF3ONS	34.3	1.89	ng/L	35.5	<1.89	97	70-130			
FPO-DA (GenX)	35.3	1.89	ng/L	37.9	<1.89	93	70-130			
aDONA	36.0	1.89	ng/L	35.8	0.11	100	70-130			
l-EtFOSAA	40.8	1.89	ng/L	37.9	<1.89	108	70-130			
I-MeFOSAA	36.2	1.89	ng/L	37.9	<1.89	96	70-130			
FBS	59.3	1.89	ng/L	33.5	26.7	97	70-130			
FDA	38.6	1.89	ng/L	37.9	<1.89	102	70-130			
· FDoA	36.6	1.89	ng/L	37.9	<1.89	97	70-130			
FHpA	39.2	1.89	ng/L	37.9	0.47	102	70-130			
FHxA	45.1	1.89	ng/L	37.9	9.44	94	70-130			
FHxS	45.0	1.89	ng/L	34.5	10.7	100	70-130			
FNA	37.7	1.89	ng/L	37.9	<1.89	100	70-130			
FOA	37.6	1.89	ng/L	37.9	0.75	97	70-130			
PFOS	34.8	1.89	ng/L	35.0	0.25	99	70-130			
FTeDA (PFTA)	35.9	1.89	ng/L	37.9	<1.89	95	70-130			
PFTrDA	42.1	1.89	ng/L	37.9	<1.89	111	70-130			
	07.4	1.00		57.0	4.00					

1.89

37.1

ng/L

37.9

<1.89

98

70-130

PFUdA

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1110 W. Washington Street Phoenix, AZ 85007

Project: PWS PFAS

Project Number: AZ0404024 BONITA CREEK WATER COMPANY

Client Manager: Matthew Olson

Reported: 05/26/23 12:29

Semi-Volatile Organic Compounds - Quality Control Legend Technical Services of Arizona, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch	B3E0679	- Default	Prep	GC-Semi
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Blank (B3E0679-BLK1)			Prepared: 05/19/23 Analyzed: 05/23/23
11CI-PF3OUdS	<5.00	5.00	ng/L
4:2FTS	<3.00	3.00	ng/L
6:2FTS	<5.00	5.00	ng/L
8:2FTS	<5.00	5.00	ng/L
9CI-PF3ONS	<2.00	2.00	ng/L
HFPO-DA (GenX)	<5.00	5.00	ng/L
NaDONA	<3.00	3.00	ng/L
NFDHA	<20.0	20.0	ng/L
PFBA	<5.00	5.00	ng/L
PFBS	<3.00	3.00	ng/L
PFDA	<3.00	3.00	ng/L
PFDoA	<3.00	3.00	ng/L
PFEESA	<3.00	3.00	ng/L
PFHpA	<3.00	3.00	ng/L
PFHpS	<3.00	3.00	ng/L
PFHxA	<3.00	3.00	ng/L
PFHxS	<3.00	3.00	ng/L
PFMBA	<3.00	3.00	ng/L
PFMPA	<4.00	4.00	ng/L
PFNA	<4.00	4.00	ng/L
PFOA	<4.00	4.00	ng/L
PFOS	<4.00	4.00	ng/L
PFPeA	<3.00	3.00	ng/L
PFPeS	<4.00	4.00	ng/L
PFUnA	<2.00	2.00	ng/L

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Phoenix, AZ 85007

1110 W. Washington Street

Project Number: AZ0404024 BONITA CREEK WATER COMPANY

Client Manager: Matthew Olson

Project: PWS PFAS

Reported: 05/26/23 12:29

Semi-Volatile Organic Compounds - Quality Control Legend Technical Services of Arizona, Inc.

		Reporting		Spike	Source		%REC		RPD		l
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	ı

LCS (B3E0679-BS1)		Prepared: 05/19/23 Analyzed: 05/23/23												
11CI-PF3OUdS	95.7	5.00	ng/L	94.4	101	50-150								
4:2FTS	94.7	3.00	ng/L	93.8	101	50-150								
6:2FTS	99.1	5.00	ng/L	95.2	104	50-150								
8:2FTS	91.5	5.00	ng/L	96.0	95	50-150								
9CI-PF3ONS	82.3	2.00	ng/L	93.4	88	50-150								
HFPO-DA (GenX)	96.0	5.00	ng/L	100	96	50-150								
NaDONA	94.2	3.00	ng/L	94.6	100	50-150								
NFDHA	112	20.0	ng/L	100	112	50-150								
PFBA	97.2	5.00	ng/L	100	97	50-150								
PFBS	83.4	3.00	ng/L	88.8	94	50-150								
PFDA	100	3.00	ng/L	100	100	50-150								
PFDoA	96.5	3.00	ng/L	100	97	50-150								
PFEESA	82.1	3.00	ng/L	89.2	92	50-150								
PFHpA	101	3.00	ng/L	100	101	50-150								
PFHpS	97.7	3.00	ng/L	95.4	102	50-150								
PFHxA	97.3	3.00	ng/L	100	97	50-150								
PFHxS	89.3	3.00	ng/L	91.2	98	50-150								
PFMBA	102	3.00	ng/L	100	102	50-150								
PFMPA	100	4.00	ng/L	100	100	50-150								
PFNA	100	4.00	ng/L	100	100	50-150								
PFOA	97.6	4.00	ng/L	100	98	50-150								
PFOS	94.6	4.00	ng/L	92.8	102	50-150								
PFPeA	100	3.00	ng/L	100	100	50-150								
PFPeS	87.1	4.00	ng/L	94.0	93	50-150								
PFUnA	101	2.00	ng/L	100	101	50-150								

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Project: PWS PFAS

1110 W. Washington Street Phoenix, AZ 85007 Project Number: AZ0404024 BONITA CREEK WATER COMPANY

Client Manager: Matthew Olson

Reported: 05/26/23 12:29

Semi-Volatile Organic Compounds - Quality Control Legend Technical Services of Arizona, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

LCS Dup (B3E0679-BSD1) 11CI-PF3OUdS 96.8 5.00 ng/l 4:2FTS 96.5 3.00 ng/l 6:2FTS 100 5.00 ng/l	L 93.8	3 <i>Analyzed: 05</i> 102 103	50-150	1	
4:2FTS 96.5 3.00 ng/l	L 93.8			1	
3		103			30
6·2FTS 100 5.00 pg/l	L 95.2		50-150	2	30
0.21 10 0.00 ligh		105	50-150	0.9	30
8:2FTS 95.2 5.00 ng/l	L 96.0	99	50-150	4	30
9CI-PF3ONS 84.5 2.00 ng/l	L 93.4	91	50-150	3	30
HFPO-DA (GenX) 93.1 5.00 ng/l	L 100	93	50-150	3	30
NaDONA 97.8 3.00 ng/l	L 94.6	103	50-150	4	30
NFDHA 103 20.0 ng/l	L 100	103	50-150	9	30
PFBA 99.7 5.00 ng/l	L 100	100	50-150	3	30
PFBS 85.4 3.00 ng/l	L 88.8	96	50-150	2	30
PFDA 105 3.00 ng/l	L 100	105	50-150	4	30
PFDoA 94.3 3.00 ng/l	L 100	94	50-150	2	30
PFEESA 83.7 3.00 ng/l	L 89.2	94	50-150	2	30
PFHpA 101 3.00 ng/l	L 100	101	50-150	0.3	30
PFHpS 99.2 3.00 ng/l	L 95.4	104	50-150	2	30
PFHxA 95.1 3.00 ng/l	L 100	95	50-150	2	30
PFHxS 89.8 3.00 ng/l	L 91.2	98	50-150	0.6	30
PFMBA 104 3.00 ng/l	L 100	104	50-150	2	30
PFMPA 103 4.00 ng/l	L 100	103	50-150	2	30
PFNA 98.8 4.00 ng/l	L 100	99	50-150	2	30
PFOA 98.5 4.00 ng/l	L 100	99	50-150	1	30
PFOS 95.5 4.00 ng/l	L 92.8	103	50-150	0.9	30
PFPeA 102 3.00 ng/l	L 100	102	50-150	2	30
PFPeS 87.2 4.00 ng/l	L 94.0	93	50-150	0.1	30
PFUnA 95.2 2.00 ng/l	L 100	95	50-150	6	30

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Project: PWS PFAS

1110 W. Washington Street Phoenix, AZ 85007 Project Number: AZ0404024 BONITA CREEK WATER COMPANY

Client Manager: Matthew Olson

Reported: 05/26/23 12:29

Semi-Volatile Organic Compounds - Quality Control Legend Technical Services of Arizona, Inc.

		Reporting		Spike	Source		%REC		RPD		l
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	ı

Ratch	B3E0679 -	. Default	Pron	GC-Semi
Daton	DOLUGIS.	· Delault	LIED	GC-Sellii

Matrix Spike (B3E0679-MS1)	Sour	ce: 23E1815	-01	Prepared: 05/19/23 Analyzed: 05/23/23					
11CI-PF3OUdS	51.6	4.56	ng/L	51.7	<4.56	100	50-150		
4:2FTS	52.1	2.74	ng/L	51.4	<2.74	101	50-150		
6:2FTS	55.7	4.56	ng/L	52.1	<4.56	107	50-150		
8:2FTS	51.5	4.56	ng/L	52.6	<4.56	98	50-150		
9CI-PF3ONS	46.8	1.82	ng/L	51.1	<1.82	92	50-150		
HFPO-DA (GenX)	49.0	4.56	ng/L	54.7	<4.56	89	50-150		
NaDONA	51.6	2.74	ng/L	51.8	<2.74	100	50-150		
NFDHA	63.2	18.2	ng/L	54.7	<18.2	116	50-150		
PFBA	54.1	4.56	ng/L	54.7	<4.56	99	50-150		
PFBS	46.2	2.74	ng/L	48.6	<2.74	95	50-150		
PFDA	53.5	2.74	ng/L	54.7	<2.74	98	50-150		
PFDoA	53.4	2.74	ng/L	54.7	<2.74	98	50-150		
PFEESA	45.0	2.74	ng/L	48.8	<2.74	92	50-150		
PFHpA	54.3	2.74	ng/L	54.7	<2.74	99	50-150		
PFHpS	53.3	2.74	ng/L	52.2	<2.74	102	50-150		
PFHxA	52.8	2.74	ng/L	54.7	<2.74	96	50-150		
PFHxS	48.2	2.74	ng/L	49.9	<2.74	97	50-150		
PFMBA	55.3	2.74	ng/L	54.7	<2.74	101	50-150		
PFMPA	55.3	3.65	ng/L	54.7	<3.65	101	50-150		
PFNA	52.6	3.65	ng/L	54.7	<3.65	96	50-150		
PFOA	54.4	3.65	ng/L	54.7	<3.65	99	50-150		
PFOS	50.7	3.65	ng/L	50.8	<3.65	100	50-150		
PFPeA	55.2	2.74	ng/L	54.7	<2.74	101	50-150		
PFPeS	46.6	3.65	ng/L	51.5	<3.65	90	50-150		
PFUnA	53.6	1.82	ng/L	54.7	<1.82	98	50-150		

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1110 W. Washington Street

Phoenix, AZ 85007

Project: PWS PFAS

Project Number: AZ0404024 BONITA CREEK WATER COMPANY Client Manager: Matthew Olson

Notes and Definitions

BLK Method Blank

Laboratory Control Sample/Laboratory Fortified Blank/Duplicate LCS/Dup

Matrix Spike/Duplicate MS/Dup

Dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Legend Technical Services of Arizona, Inc.

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.

Laboratory Work Order No.: 23E1823 Reported:

05/26/23 12:29

CHAIN OF CUSTODY RECORD



V

Page 12 of 12

23E1823PM: Lisa Teter

17631 N. 25th Avenue • Phoenix, AZ 85023 • (602) 324-6100 • Fax (602) 324-6101

4685 S. Palo Verde Rd. Ste 423 • Tuoson, AZ 85714 • (520) 327-1234 • Fax (520) 327-05

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