

17 March 2021

Todd Allen  
Valley Utilities Water Co., Inc.  
6808 N. Dysart Rd., Suite 112  
Glendale, AZ 85307

RE: Drinking Water

Laboratory Work Order No.: 21C0804

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 03/05/21 13:55.

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.**



Victoria Newman  
Client Services Representative  
(602) 324-6100

*This laboratory report is confidential and is intended for the sole use of LEGEND and its client.*

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
██████	21C0804-01	Drinking Water	Grab	03/05/21 10:26	03/05/21 13:55
██████████████	21C0804-03	Drinking Water	Grab	03/05/21 10:50	03/05/21 13:55
██████	21C0804-04	Drinking Water	Grab	03/05/21 00:00	03/05/21 13:55
██████████████	21C0804-05	Drinking Water	Grab	03/05/21 11:10	03/05/21 13:55

**Sample Condition Upon Receipt:**

Temperature: 1.30 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)0004, 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".

**) Drinking Water (Grab) Sampled: 03/05/21 10:26 Received: 03/05/21 13:55**

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Legend Technical Services of Arizona, Inc.									
<b>Semi-Volatile Organic Compounds</b>									
11CI-PF3OUdS	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
9CI-PF3ONS	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
HFPO-DA (GenX)	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
NaDONA	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
N-EtFOSAA	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
N-MeFOSAA	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
PFBS	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
PFDA	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
PFDoA	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	L5
PFHpA	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
PFHxA	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
PFHxS	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
PFNA	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
PFOA	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
PFOS	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
PFTeDA (PFTA)	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
PFTTrDA	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
PFUdA	<1.70	1.70	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 18:42	EPA 537.1	
Surrogate: C2-PFDA (SURR)		105 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	
Surrogate: C2-PFHxA (SURR)		104 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	
Surrogate: C3-HFPO-DA (SURR)		103 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	
Surrogate: d5-n-EtFOSAA (SURR)		95 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	

**) Drinking Water (Grab) Sampled: 03/05/21 10:50 Received: 03/05/21 13:55**

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Legend Technical Services of Arizona, Inc.									
<b>Semi-Volatile Organic Compounds</b>									
11CI-PF3OUdS	<1.72	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
9CI-PF3ONS	<1.72	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
HFPO-DA (GenX)	<1.72	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
NaDONA	<1.72	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
N-EtFOSAA	<1.72	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
N-MeFOSAA	<1.72	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
PFBS	3.79	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
PFDA	<1.72	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
PFDoA	<1.72	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	L5
PFHpA	7.26	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
PFHxA	13.3	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
PFHxS	19.9	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
PFNA	<1.72	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
PFOA	8.98	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
PFOS	41.4	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
PFTeDA (PFTA)	<1.72	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
PFTTrDA	<1.72	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	

Valley Utilities Water Co., Inc.  
6808 N. Dysart Rd., Suite 112  
Glendale, AZ 85307

Project: Drinking Water  
Project Number: PFAS  
Client Manager: Todd Allen

Reported:  
03/17/21 12:15

(21C0804-03) Drinking Water (Grab) Sampled: 03/05/21 10:50 Received: 03/05/21 13:55

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

**Semi-Volatile Organic Compounds**

PFUdA	<1.72	1.72	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:28	EPA 537.1	
Surrogate: C2-PFDA (SURR)		104 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	
Surrogate: C2-PFHxA (SURR)		103 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	
Surrogate: C3-HFPO-DA (SURR)		103 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	
Surrogate: d5-n-EtFOSAA (SURR)		97 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	

(21C0804-04) Drinking Water (Grab) Sampled: 03/05/21 00:00 Received: 03/05/21 13:55

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

**Semi-Volatile Organic Compounds**

11CI-PF3OUdS	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
9CI-PF3ONS	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
HFPO-DA (GenX)	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
NaDONA	1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
N-EtFOSAA	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
N-MeFOSAA	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
PFBS	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
PFDA	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
PFDoA	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	L5
PFHpA	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
PFHxA	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
PFHxS	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
PFNA	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
PFOA	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
PFOS	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
PFTeDA (PFTA)	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
PFTrDA	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
PFUdA	<1.84	1.84	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 19:50	EPA 537.1	
Surrogate: C2-PFDA (SURR)		105 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	
Surrogate: C2-PFHxA (SURR)		102 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	
Surrogate: C3-HFPO-DA (SURR)		105 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	
Surrogate: d5-n-EtFOSAA (SURR)		95 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	

(21C0804-05) Drinking Water (Grab) Sampled: 03/05/21 11:10 Received: 03/05/21 13:55

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

**Semi-Volatile Organic Compounds**

11CI-PF3OUdS	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
9CI-PF3ONS	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
HFPO-DA (GenX)	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
NaDONA	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
N-EtFOSAA	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
N-MeFOSAA	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
PFBS	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	

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.: 21C0804

Valley Utilities Water Co., Inc.  
 6808 N. Dysart Rd., Suite 112  
 Glendale, AZ 85307

Project: Drinking Water  
 Project Number: PFAS  
 Client Manager: Todd Allen

Reported:  
 03/17/21 12:15

(21C0804-05) Drinking Water (Grab) Sampled: 03/05/21 11:10 Received: 03/05/21 13:55

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Legend Technical Services of Arizona, Inc.									
<b>Semi-Volatile Organic Compounds</b>									
PFDA	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
PFDoA	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	L5
PFHpA	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
PFHxA	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
PFHxS	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
PFNA	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
PFOA	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
PFOS	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
PFTeDA (PFTA)	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
PFTrDA	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
PFUdA	<1.75	1.75	ng/L	1	B1C1287	03/09/21 07:25	03/11/21 20:13	EPA 537.1	
Surrogate: C2-PFDA (SURR)		102 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	
Surrogate: C2-PFHxA (SURR)		101 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	
Surrogate: C3-HFPO-DA (SURR)		103 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	
Surrogate: d5-n-EtFOSAA (SURR)		95 %		70-130	B1C1287	03/09/21	03/11/21	EPA 537.1	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B1C1287 - Default Prep GC-Semi**

**Blank (B1C1287-BLK1)**

*Prepared: 03/09/21 Analyzed: 03/11/21*

11CI-PF3OUdS	<2.00	2.00	ng/L							
11CI-PF3OUdS	<2.00	2.00	ng/L							
9CI-PF3ONS	<2.00	2.00	ng/L							
9CI-PF3ONS	<2.00	2.00	ng/L							
HFPO-DA (GenX)	<2.00	2.00	ng/L							
HFPO-DA (GenX)	<2.00	2.00	ng/L							
NaDONA	<2.00	2.00	ng/L							
NaDONA	<2.00	2.00	ng/L							
N-EtFOSAA	<2.00	2.00	ng/L							
N-EtFOSAA	<2.00	2.00	ng/L							
N-MeFOSAA	<2.00	2.00	ng/L							
N-MeFOSAA	<2.00	2.00	ng/L							
PFBS	<2.00	2.00	ng/L							
PFBS	<2.00	2.00	ng/L							
PFDA	<2.00	2.00	ng/L							
PFDA	<2.00	2.00	ng/L							
PFDaA	<2.00	2.00	ng/L							
PFDaA	<2.00	2.00	ng/L							
PFHpA	<2.00	2.00	ng/L							
PFHpA	<2.00	2.00	ng/L							
PFHxA	<2.00	2.00	ng/L							
PFHxA	<2.00	2.00	ng/L							
PFHxS	<2.00	2.00	ng/L							
PFHxS	<2.00	2.00	ng/L							
PFNA	<2.00	2.00	ng/L							
PFNA	<2.00	2.00	ng/L							
PFOA	<2.00	2.00	ng/L							
PFOA	<2.00	2.00	ng/L							
PFOS	<2.00	2.00	ng/L							
PFOS	<2.00	2.00	ng/L							
PFTeDA (PFTA)	<2.00	2.00	ng/L							
PFTeDA (PFTA)	<2.00	2.00	ng/L							
PFTTrDA	<2.00	2.00	ng/L							
PFTTrDA	<2.00	2.00	ng/L							
PFUdA	<2.00	2.00	ng/L							
PFUdA	<2.00	2.00	ng/L							

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B1C1287 - Default Prep GC-Semi**

**LCS (B1C1287-BS1)**

*Prepared: 03/09/21 Analyzed: 03/11/21*

11CI-PF3OUdS	38.0	2.00	ng/L	37.6		101	70-130			
11CI-PF3OUdS	38.0	2.00	ng/L	37.6		101	70-130			
9CI-PF3ONS	36.9	2.00	ng/L	37.2		99	70-130			
9CI-PF3ONS	36.9	2.00	ng/L	37.2		99	70-130			
HFPO-DA (GenX)	41.1	2.00	ng/L	40.0		103	70-130			
HFPO-DA (GenX)	41.1	2.00	ng/L	40.0		103	70-130			
NaDONA	38.0	2.00	ng/L	37.8		101	70-130			
NaDONA	38.0	2.00	ng/L	37.8		101	70-130			
N-EtFOSAA	38.3	2.00	ng/L	40.0		96	70-130			
N-EtFOSAA	38.3	2.00	ng/L	40.0		96	70-130			
N-MeFOSAA	37.5	2.00	ng/L	40.0		94	70-130			
N-MeFOSAA	37.5	2.00	ng/L	40.0		94	70-130			
PFBS	33.5	2.00	ng/L	35.4		95	70-130			
PFBS	33.5	2.00	ng/L	35.4		95	70-130			
PFDA	41.0	2.00	ng/L	40.0		102	70-130			
PFDA	41.0	2.00	ng/L	40.0		102	70-130			
PFDoA	51.1	2.00	ng/L	40.0		128	70-130			
PFDoA	51.1	2.00	ng/L	40.0		128	70-130			
PFHpA	40.3	2.00	ng/L	40.0		101	70-130			
PFHpA	40.3	2.00	ng/L	40.0		101	70-130			
PFHxA	40.1	2.00	ng/L	40.0		100	70-130			
PFHxA	40.1	2.00	ng/L	40.0		100	70-130			
PFHxS	36.5	2.00	ng/L	37.8		97	70-130			
PFHxS	36.5	2.00	ng/L	37.8		97	70-130			
PFNA	41.9	2.00	ng/L	40.0		105	70-130			
PFNA	41.9	2.00	ng/L	40.0		105	70-130			
PFOA	39.8	2.00	ng/L	40.0		100	70-130			
PFOA	39.8	2.00	ng/L	40.0		100	70-130			
PFOS	36.7	2.00	ng/L	38.2		96	70-130			
PFOS	36.7	2.00	ng/L	38.2		96	70-130			
PFTeDA (PFTA)	39.9	2.00	ng/L	40.0		100	70-130			
PFTeDA (PFTA)	39.9	2.00	ng/L	40.0		100	70-130			
PFTTrDA	40.8	2.00	ng/L	40.0		102	70-130			
PFTTrDA	40.8	2.00	ng/L	40.0		102	70-130			
PFUdA	40.4	2.00	ng/L	40.0		101	70-130			
PFUdA	40.4	2.00	ng/L	40.0		101	70-130			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B1C1287 - Default Prep GC-Semi**

**LCS Dup (B1C1287-BSD1)**

*Prepared: 03/09/21 Analyzed: 03/11/21*

11CI-PF3OUdS	37.6	2.00	ng/L	37.6		100	70-130	1	30	
11CI-PF3OUdS	37.6	2.00	ng/L	37.6		100	70-130	1	30	
9CI-PF3ONS	36.9	2.00	ng/L	37.2		99	70-130	0.01	30	
9CI-PF3ONS	36.9	2.00	ng/L	37.2		99	70-130	0.01	30	
HFPO-DA (GenX)	37.7	2.00	ng/L	40.0		94	70-130	9	30	
HFPO-DA (GenX)	37.7	2.00	ng/L	40.0		94	70-130	9	30	
NaDONA	36.4	2.00	ng/L	37.8		96	70-130	4	30	
NaDONA	36.4	2.00	ng/L	37.8		96	70-130	4	30	
N-EtFOSAA	37.7	2.00	ng/L	40.0		94	70-130	2	30	
N-EtFOSAA	37.7	2.00	ng/L	40.0		94	70-130	2	30	
N-MeFOSAA	36.5	2.00	ng/L	40.0		91	70-130	3	30	
N-MeFOSAA	36.5	2.00	ng/L	40.0		91	70-130	3	30	
PFBS	33.5	2.00	ng/L	35.4		95	70-130	0.004	30	
PFBS	33.5	2.00	ng/L	35.4		95	70-130	0.004	30	
PFDA	40.0	2.00	ng/L	40.0		100	70-130	2	30	
PFDA	40.0	2.00	ng/L	40.0		100	70-130	2	30	
PFDoA	52.7	2.00	ng/L	40.0		132	70-130	3	30	L5
PFDoA	52.7	2.00	ng/L	40.0		132	70-130	3	30	L5
PFHpA	38.8	2.00	ng/L	40.0		97	70-130	4	30	
PFHpA	38.8	2.00	ng/L	40.0		97	70-130	4	30	
PFHxA	38.3	2.00	ng/L	40.0		96	70-130	5	30	
PFHxA	38.3	2.00	ng/L	40.0		96	70-130	5	30	
PFHxS	35.3	2.00	ng/L	37.8		93	70-130	3	30	
PFHxS	35.3	2.00	ng/L	37.8		93	70-130	3	30	
PFNA	40.5	2.00	ng/L	40.0		101	70-130	3	30	
PFNA	40.5	2.00	ng/L	40.0		101	70-130	3	30	
PFOA	38.3	2.00	ng/L	40.0		96	70-130	4	30	
PFOA	38.3	2.00	ng/L	40.0		96	70-130	4	30	
PFOS	36.2	2.00	ng/L	38.2		95	70-130	1	30	
PFOS	36.2	2.00	ng/L	38.2		95	70-130	1	30	
PFTeDA (PFTA)	38.1	2.00	ng/L	40.0		95	70-130	5	30	
PFTeDA (PFTA)	38.1	2.00	ng/L	40.0		95	70-130	5	30	
PFTTrDA	39.4	2.00	ng/L	40.0		99	70-130	3	30	
PFTTrDA	39.4	2.00	ng/L	40.0		99	70-130	3	30	
PFUdA	39.2	2.00	ng/L	40.0		98	70-130	3	30	
PFUdA	39.2	2.00	ng/L	40.0		98	70-130	3	30	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B1C1287 - Default Prep GC-Semi**

Matrix Spike (B1C1287-MS1)	Source: 21C0771-01			Prepared: 03/09/21 Analyzed: 03/11/21						
11Cl-PF3OUdS	30.0	1.68	ng/L	31.5	<1.68	95	70-130			
11Cl-PF3OUdS	30.0	1.68	ng/L	31.5	<1.68	95	70-130			
9Cl-PF3ONS	30.9	1.68	ng/L	31.2	<1.68	99	70-130			
9Cl-PF3ONS	30.9	1.68	ng/L	31.2	<1.68	99	70-130			
HFPO-DA (GenX)	32.7	1.68	ng/L	33.6	<1.68	97	70-130			
HFPO-DA (GenX)	32.7	1.68	ng/L	33.6	<1.68	97	70-130			
NaDONA	31.1	1.68	ng/L	31.7	<1.68	98	70-130			
NaDONA	31.1	1.68	ng/L	31.7	<1.68	98	70-130			
N-EtFOSAA	31.0	1.68	ng/L	33.6	<1.68	92	70-130			
N-EtFOSAA	31.0	1.68	ng/L	33.6	<1.68	92	70-130			
N-MeFOSAA	32.5	1.68	ng/L	33.6	<1.68	97	70-130			
N-MeFOSAA	32.5	1.68	ng/L	33.6	<1.68	97	70-130			
PFBS	28.8	1.68	ng/L	29.7	1.41	92	70-130			
PFBS	28.8	1.68	ng/L	29.7	1.41	92	70-130			
PFDA	34.0	1.68	ng/L	33.6	<1.68	101	70-130			
PFDA	34.0	1.68	ng/L	33.6	<1.68	101	70-130			
PFDoA	41.5	1.68	ng/L	33.6	<1.68	124	70-130			
PFDoA	41.5	1.68	ng/L	33.6	<1.68	124	70-130			
PFHpA	33.2	1.68	ng/L	33.6	0.39	98	70-130			
PFHpA	33.2	1.68	ng/L	33.6	0.39	98	70-130			
PFHxA	33.7	1.68	ng/L	33.6	0.87	98	70-130			
PFHxA	33.7	1.68	ng/L	33.6	0.87	98	70-130			
PFHxS	31.0	1.68	ng/L	31.7	1.10	94	70-130			
PFHxS	31.0	1.68	ng/L	31.7	1.10	94	70-130			
PFNA	34.5	1.68	ng/L	33.6	<1.68	103	70-130			
PFNA	34.5	1.68	ng/L	33.6	<1.68	103	70-130			
PFOA	33.3	1.68	ng/L	33.6	0.83	97	70-130			
PFOA	33.3	1.68	ng/L	33.6	0.83	97	70-130			
PFOS	30.8	1.68	ng/L	32.1	<1.68	96	70-130			
PFOS	30.8	1.68	ng/L	32.1	<1.68	96	70-130			
PFTeDA (PFTA)	28.6	1.68	ng/L	33.6	<1.68	85	70-130			
PFTeDA (PFTA)	28.6	1.68	ng/L	33.6	<1.68	85	70-130			
PFTTrDA	31.4	1.68	ng/L	33.6	<1.68	94	70-130			
PFTTrDA	31.4	1.68	ng/L	33.6	<1.68	94	70-130			
PFUdA	34.0	1.68	ng/L	33.6	<1.68	101	70-130			
PFUdA	34.0	1.68	ng/L	33.6	<1.68	101	70-130			

### Notes and Definitions

- L5        The associated blank spike recovery was above laboratory/method acceptance limits. This analyte was not detected in the sample.
- BLK        Method Blank
- LCS/Dup    Laboratory Control Sample/Laboratory Fortified Blank/Duplicate
- MS/Dup    Matrix Spike/Duplicate
- Dry        Sample results reported on a dry weight basis
- RPD        Relative Percent Difference

