

04 October 2022

Scott Gregorio  
City of Prescott WWTP  
1500 Sundog Ranch Road  
Prescott, AZ 86301

RE: Airport WW PFAs

Laboratory Work Order No.: 22H2917

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 08/23/22 08:18.


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.**



Barbara Frank  
Client Services Representative  
(602) 324-6100

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

City of Prescott WWTP  
1500 Sundog Ranch Road  
Prescott, AZ 86301

Project: Airport WW PFAs  
Project Number: [none]  
Client Manager: Scott Gregorio

Reported:  
10/04/22 16:41

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
22-0338 (Influent)	22H2917-01	Wastewater	Grab	08/22/22 11:12	08/23/22 08:18
22-0339 (Effluent)	22H2917-02	Wastewater	Grab	08/22/22 11:22	08/23/22 08:18

#### Sample Condition Upon Receipt:

Temperature: 0.40 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".

This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.

**Legend Technical Services, St. Paul AZ0557**

Bach Pham

651.221.4062

City of Prescott WWTP  
 1500 Sundog Ranch Road  
 Prescott, AZ 86301

Project: Airport WW PFAs  
 Project Number: [none]  
 Client Manager: Scott Gregorio

Reported:  
 10/04/22 16:41

**22-0338 (Influent) (22H2917-01) Wastewater (Grab) Sampled: 08/22/22 11:12 Received: 08/23/22 08:18**

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Legend Technical Services, Inc. #AZ0557									
<b>EPA 537 (M)</b>									
6:2 Fluorotelomersulfonate	<6.0	6.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
8:2 Fluorotelomersulfonate	<3.5	3.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
HFPO-DA (Gen X)	<5.0	5.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
N-Ethylperfluorooctanesulfonamido acetic acid	<6.0	6.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
N-Methylperfluorooctanesulfonamid oacetic acid	<4.5	4.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-butanefulfonate (PFBS)	<b>18</b>	1.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-decanesulfonate (PFDS)	<4.0	4.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-hexanesulfonate (PFHxS)	<b>8.3</b>	1.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-octanesulfonamide (FOSA-I)	<1.5	1.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-octanesulfonate (PFOS)	<b>13</b>	4.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-butyric Acid (PFBA)	<b>11</b>	2.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-decanoic Acid (PFDA)	<2.5	2.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-dodecanoic Acid (PFDoA)	<5.0	5.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-heptanoic Acid (PFHpA)	<b>7.9</b>	1.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-hexanoic Acid (PFHxA)	<b>24</b>	1.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-nonanoic Acid (PFNA)	<3.0	3.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-octanoic Acid (PFOA)	<b>21</b>	2.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-pentanoic Acid (PFPeA)	<b>26</b>	1.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-tetradecanoic Acid (PFTeDA)	<1.5	1.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	

Legend Technical Services of Arizona, Inc.

Laboratory Work Order No.: 22H2917

*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.*

City of Prescott WWTP  
 1500 Sundog Ranch Road  
 Prescott, AZ 86301

Project: Airport WW PFAs  
 Project Number: [none]  
 Client Manager: Scott Gregorio

Reported:  
 10/04/22 16:41

**22-0338 (Influent) (22H2917-01) Wastewater (Grab) Sampled: 08/22/22 11:12 Received: 08/23/22 08:18**

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Legend Technical Services, Inc. #AZ0557									
<b>EPA 537 (M)</b>									
Perfluoro-n-tridecanoic Acid (PFTrDA)	<4.5	4.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-undecanoic Acid (PFUdA)	<2.0	2.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:11	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: d3-N-MeFOSAA		%	50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: d5-N-EtFOSAA		7.47 %	50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: M2-6:2FTS		126 %	50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: M2-8:2FTS		56.6 %	50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: M3HFPO-DA		39.9 %	50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA-I)		9.15 %	50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Perfluoro-n-(13C2)tetradecanoic Acid (M2PFTEdA)		14.0 %	50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Perfluoro-n-[13C2]dodecanoic Acid (MPFDoA)		8.49 %	50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Perfluoro-n-[13C4]butonic Acid (MPFBA)		16.6 %	50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Perfluoro-n-[13C4]heptanoic Acid (M4PFHpA)		27.4 %	50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Perfluoro-n-[13C5]hexanoic Acid (M5PFHxA)		19.8 %	50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Perfluoro-n-[13C5]pentanoic Acid (M5PFPeA)		26.5 %	50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Perfluoro-n-[13C6]decanoic Acid (M6PFDA)		24.1 %	50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7

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Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Legend Technical Services, Inc. #AZ0557									
<b>EPA 537 (M)</b>									
Surrogate: Perfluoro-n-[13C7]undecanoic Acid (M7PFUdA)	14.3 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Perfluoro-n-[13C8]octanoic Acid (M8PFOA)	33.9 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Perfluoro-n-[13C9]nonanoic Acid (M9PFNA)	19.2 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Sodium perfluoro-1-[13C3]butanesulfonate (M3PFB)	40.3 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Sodium perfluoro-1-[13C3]hexanesulfonate (M3PFH)	52.3 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Sodium perfluoro-1-[13C8]octanesulfonate (M8PFO)	37.9 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7

**22-0339 (Effluent) (22H2917-02) Wastewater (Grab) Sampled: 08/22/22 11:22 Received: 08/23/22 08:18**

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Legend Technical Services, Inc. #AZ0557									
<b>EPA 537 (M)</b>									
6:2 Fluorotelomersulfonate	<6.0	6.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
8:2 Fluorotelomersulfonate	<3.5	3.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
HFPO-DA (Gen X)	<5.0	5.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
N-Ethylperfluorooctanesulfonamido acetic acid	<6.0	6.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
N-Methylperfluorooctanesulfonamido acetic acid	<4.5	4.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-butanesulfonate (PFBS)	14	1.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-decanesulfonate (PFDS)	<4.0	4.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-hexanesulfonate (PFHxS)	6.4	1.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-octanesulfonamide (FOSA-I)	<1.5	1.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	

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 10/04/22 16:41

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Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Legend Technical Services, Inc. #AZ0557									
<b>EPA 537 (M)</b>									
Perfluoro-1-octanesulfonate (PFOS)	9.6	4.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-butyric Acid (PFBA)	12	2.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-decanoic Acid (PFDA)	<2.5	2.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-dodecanoic Acid (PFDoA)	<5.0	5.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-heptanoic Acid (PFHpA)	6.9	1.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-hexanoic Acid (PFHxA)	27	1.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-nonanoic Acid (PFNA)	<3.0	3.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-octanoic Acid (PFOA)	21	2.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-pentanoic Acid (PFPeA)	29	1.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-tetradecanoic Acid (PFTeDA)	<1.5	1.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-tridecanoic Acid (PFTrDA)	<4.5	4.5	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-undecanoic Acid (PFUdA)	<2.0	2.0	ng/L	1	B211617	09/16/22 13:35	09/28/22 20:41	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: d3-N-MeFOSAA		53.1 %		50-150	B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: d5-N-EtFOSAA		104 %		50-150	B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: M2-6:2FTS		208 %		50-150	B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S4
Surrogate: M2-8:2FTS		282 %		50-150	B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S4
Surrogate: M3HFPO-DA		76.0 %		50-150	B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	

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Reported:  
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**22-0339 (Effluent) (22H2917-02) Wastewater (Grab) Sampled: 08/22/22 11:22 Received: 08/23/22 08:18**

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Legend Technical Services, Inc. #AZ0557									
<b>EPA 537 (M)</b>									
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA-I)	67.8 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: Perfluoro-n-(13C2)tetradecanoic Acid (M2PFTeDA)	35.2 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Perfluoro-n-[13C2]dodecanoic Acid (MPFDoA)	91.9 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: Perfluoro-n-[13C4]butonic Acid (MPFBA)	21.8 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Perfluoro-n-[13C4]heptanoic Acid (M4PFHpA)	51.0 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: Perfluoro-n-[13C5]hexanoic Acid (M5PFHxA)	36.9 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Perfluoro-n-[13C5]pentanoic Acid (M5PFPeA)	40.2 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	S7
Surrogate: Perfluoro-n-[13C6]decanoic Acid (M6PFDA)	101 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: Perfluoro-n-[13C7]undecanoic Acid (M7PFUdA)	87.0 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: Perfluoro-n-[13C8]octanoic Acid (M8PFOA)	66.1 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: Perfluoro-n-[13C9]nonanoic Acid (M9PFNA)	71.2 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: Sodium perfluoro-1-[13C3]butanesulfonate (M3PFBE)	65.8 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: Sodium perfluoro-1-[13C3]hexanesulfonate (M3PFH)	83.7 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: Sodium perfluoro-1-[13C8]octanesulfonate (M8PFO)	93.1 %		50-150		B211617	09/16/22	09/28/22	Perfluoroalkyl Substances by LC/MS/MS	

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 Project Number: [none]  
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**EPA 537 (M) - Quality Control**  
**Legend Technical Services, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2I1617 - General Prep Dept 4**

**Blank (B2I1617-BLK1)**

*Prepared: 09/16/22 Analyzed: 09/28/22*

6:2 Fluorotelomersulfonate	<6.0	6.0	ng/L				-			
8:2 Fluorotelomersulfonate	<3.5	3.5	ng/L				-			
HFPO-DA (Gen X)	<5.0	5.0	ng/L				-			
N-Ethylperfluorooctanesulfonamidoacetic acid	<6.0	6.0	ng/L				-			
N-Methylperfluorooctanesulfonamidoacetic acid	<4.5	4.5	ng/L				-			
Perfluoro-1-butanefulfonate (PFBS)	<1.5	1.5	ng/L				-			
Perfluoro-1-decanesulfonate (PFDS)	<4.0	4.0	ng/L				-			
Perfluoro-1-hexanesulfonate (PFHxS)	<1.5	1.5	ng/L				-			
Perfluoro-1-octanesulfonamide (FOSA-I)	<1.5	1.5	ng/L				-			
Perfluoro-1-octanesulfonate (PFOS)	<4.0	4.0	ng/L				-			
Perfluoro-n-butyric Acid (PFBA)	<2.0	2.0	ng/L				-			
Perfluoro-n-decanoic Acid (PFDA)	<2.5	2.5	ng/L				-			
Perfluoro-n-dodecanoic Acid (PFDoA)	<5.0	5.0	ng/L				-			
Perfluoro-n-heptanoic Acid (PFHpA)	<1.0	1.0	ng/L				-			
Perfluoro-n-hexanoic Acid (PFHxA)	<1.5	1.5	ng/L				-			
Perfluoro-n-nonanoic Acid (PFNA)	<3.0	3.0	ng/L				-			
Perfluoro-n-octanoic Acid (PFOA)	<2.5	2.5	ng/L				-			
Perfluoro-n-pentanoic Acid (PFPeA)	<1.0	1.0	ng/L				-			
Perfluoro-n-tetradecanoic Acid (PFTeDA)	<1.5	1.5	ng/L				-			
Perfluoro-n-tridecanoic Acid (PFTrDA)	<4.5	4.5	ng/L				-			
Perfluoro-n-undecanoic Acid (PFUdA)	<2.0	2.0	ng/L				-			



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Project: Airport WW PFAs  
 Project Number: [none]  
 Client Manager: Scott Gregorio

Reported:  
 10/04/22 16:41

**EPA 537 (M) - Quality Control**  
**Legend Technical Services, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2I1617 - General Prep Dept 4**

**LCS (B2I1617-BS1)**

*Prepared: 09/16/22 Analyzed: 09/28/22*

6:2 Fluorotelomersulfonate	18.6	6.0	ng/L	19.0		97.9	80-120			
8:2 Fluorotelomersulfonate	19.9	3.5	ng/L	19.2		104	80-120			
HFPO-DA (Gen X)	21.4	5.0	ng/L	20.0		107	80-120			
N-Ethylperfluorooctanesulfonamidoacetic acid	21.9	6.0	ng/L	20.0		109	80-120			
N-Methylperfluorooctanesulfonamidoacetic acid	19.3	4.5	ng/L	20.0		96.4	80-120			
Perfluoro-1-butanefulfonate (PFBS)	18.2	1.5	ng/L	17.7		103	80-120			
Perfluoro-1-decanesulfonate (PFDS)	16.2	4.0	ng/L	19.3		84.1	80-120			
Perfluoro-1-hexanesulfonate (PFHxS)	19.9	1.5	ng/L	18.9		105	80-120			
Perfluoro-1-octanesulfonamide (FOSA-I)	20.8	1.5	ng/L	20.0		104	80-120			
Perfluoro-1-octanesulfonate (PFOS)	20.3	4.0	ng/L	19.1		106	80-120			
Perfluoro-n-butyric Acid (PFBA)	20.2	2.0	ng/L	20.0		101	80-120			
Perfluoro-n-decanoic Acid (PFDA)	20.9	2.5	ng/L	20.0		104	80-120			
Perfluoro-n-dodecanoic Acid (PFDoA)	20.9	5.0	ng/L	20.0		104	80-120			
Perfluoro-n-heptanoic Acid (PFHpA)	19.4	1.0	ng/L	20.0		97.2	80-120			
Perfluoro-n-hexanoic Acid (PFHxA)	20.3	1.5	ng/L	20.0		102	80-120			
Perfluoro-n-nonanoic Acid (PFNA)	21.3	3.0	ng/L	20.0		107	80-120			
Perfluoro-n-octanoic Acid (PFOA)	21.0	2.5	ng/L	20.0		105	80-120			
Perfluoro-n-pentanoic Acid (PFPeA)	20.0	1.0	ng/L	20.0		99.9	80-120			
Perfluoro-n-tetradecanoic Acid (PFTeDA)	20.1	1.5	ng/L	20.0		101	80-120			
Perfluoro-n-tridecanoic Acid (PFTrDA)	16.8	4.5	ng/L	20.0		84.1	80-120			
Perfluoro-n-undecanoic Acid (PFUdA)	22.8	2.0	ng/L	20.0		114	80-120			

City of Prescott WWTP  
1500 Sundog Ranch Road  
Prescott, AZ 86301

Project: Airport WW PFAs  
Project Number: [none]  
Client Manager: Scott Gregorio

Reported:  
10/04/22 16:41

**EPA 537 (M) - Quality Control**  
**Legend Technical Services, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2I1617 - General Prep Dept 4**

**LCS Dup (B2I1617-BSD1)**

Prepared: 09/16/22 Analyzed: 09/28/22

6:2 Fluorotelomersulfonate	20.4	6.0	ng/L	19.0		108	80-120	9.31	20	
8:2 Fluorotelomersulfonate	17.9	3.5	ng/L	19.2		93.3	80-120	10.5	20	
HFPO-DA (Gen X)	21.4	5.0	ng/L	20.0		107	80-120	0.0207	20	
N-Ethylperfluorooctanesulfonamidoacetic acid	20.8	6.0	ng/L	20.0		104	80-120	5.01	20	
N-Methylperfluorooctanesulfonamidoacetic acid	19.4	4.5	ng/L	20.0		96.8	80-120	0.318	20	
Perfluoro-1-butanefulfonate (PFBS)	18.4	1.5	ng/L	17.7		104	80-120	1.26	20	
Perfluoro-1-decanesulfonate (PFDS)	17.8	4.0	ng/L	19.3		92.5	80-120	9.53	20	
Perfluoro-1-hexanesulfonate (PFHxS)	21.7	1.5	ng/L	18.9		115	80-120	8.40	20	
Perfluoro-1-octanesulfonamide (FOSA-I)	21.9	1.5	ng/L	20.0		110	80-120	5.09	20	
Perfluoro-1-octanesulfonate (PFOS)	20.1	4.0	ng/L	19.1		105	80-120	1.03	20	
Perfluoro-n-butyric Acid (PFBA)	20.7	2.0	ng/L	20.0		104	80-120	2.44	20	
Perfluoro-n-decanoic Acid (PFDA)	21.3	2.5	ng/L	20.0		106	80-120	1.75	20	
Perfluoro-n-dodecanoic Acid (PFDoA)	22.2	5.0	ng/L	20.0		111	80-120	6.40	20	
Perfluoro-n-heptanoic Acid (PFHpA)	19.7	1.0	ng/L	20.0		98.6	80-120	1.40	20	
Perfluoro-n-hexanoic Acid (PFHxA)	20.4	1.5	ng/L	20.0		102	80-120	0.362	20	
Perfluoro-n-nonanoic Acid (PFNA)	21.5	3.0	ng/L	20.0		108	80-120	1.01	20	
Perfluoro-n-octanoic Acid (PFOA)	20.2	2.5	ng/L	20.0		101	80-120	3.88	20	
Perfluoro-n-pentanoic Acid (PFPeA)	20.3	1.0	ng/L	20.0		101	80-120	1.53	20	
Perfluoro-n-tetradecanoic Acid (PFTeDA)	21.5	1.5	ng/L	20.0		107	80-120	6.59	20	
Perfluoro-n-tridecanoic Acid (PFTrDA)	17.5	4.5	ng/L	20.0		87.6	80-120	4.09	20	
Perfluoro-n-undecanoic Acid (PFUdA)	20.6	2.0	ng/L	20.0		103	80-120	10.3	20	

City of Prescott WWTP  
1500 Sundog Ranch Road  
Prescott, AZ 86301

Project: Airport WW PFAs  
Project Number: [none]  
Client Manager: Scott Gregorio

**Reported:**  
10/04/22 16:41

### Notes and Definitions

S7 Surrogate recovery was below both laboratory and method limits. Unable to confirm matrix effect.

S4 Surrogate recovery was above laboratory and method acceptance limits. No target analytes were 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

22H2917



PM: Barbara Frank

# CHAIN OF CUSTODY RECORD



17631 N. 25th Avenue • Phoenix, AZ 85023 • (602) 324-6100 • Fax (602) 324-6101  
 4585 S. Palo Verde Rd, Ste 423 • Tucson, AZ 85714 • (520) 327-1234 • Fax (520) 327-0518

Client Name <b>City of Prescott - Airport WRF</b>		Address <b>2800 Melville Road</b>		City <b>Prescott</b>		State <b>AZ</b>	Zip <b>86301</b>	Phone <b>(928) 202-1957</b>	Fax Number or Email Address scott.gregorio@prescott-az.gov	
Project Name <b>Airport WRF Influent/Effluent PFAS</b>		Project Number <b>2800</b>		Contact <b>Scott J Gregorio</b>		P.O. No.		Fax Results <input type="checkbox"/>	QC Report <input checked="" type="checkbox"/> EDD <input type="checkbox"/>	
<b>SAMPLE TYPE CODES</b> DW=Drinking Water S=Soil/Solid T=Travel Blank WW=Wastewater F=Food SW=Surface G=Sludge/Biosolids		<b>TURN AROUND TIME</b> Laboratory Authorization Required for Rush <input type="checkbox"/> Standard 10 - 15 Day		<b>Requested Analyses</b> (Grid area with diagonal lines)		Composite Grab Sample Type Compliance No. of Containers pH ✓ (Lab Use Only)		537 modified for WW		
Water G=Groundwater O=Other <b>Client's Sample Identification</b>		Date	Time	Sample Location						
		08/22/22	1112	Influent	X	ww	N	1	X	01
		08/22/22	1122	Effluent	X	ww	N	1	X	02

**TO ENSURE COMPLETION OF ANALYSIS, SAMPLES MUST BE RECEIVED AT LEAST 3 HOURS PRIOR TO THE HOLD TIME EXPIRATION**

Comments / Special Instructions: 537 - Modified for WW (subcontract)

SAMPLE CONDITION UPON RECEIPT (Lab Use)	
No. of Containers	2
Temperature	0.4°C
Custody Seals	(N)
Seals Intact	N
Preserved	(N)

WHITE-LAB YELLOW-CLIENT

RELINQUISHED BY				SAMPLES RECEIVED BY			
①	Sampler Signature <i>Scott J Gregorio</i>	Date 8/22/22	Time 1330	Signature <i>Darryl Van Hugmoed</i>	Date 8/23/22	Time 0635	
②	Sampler Printed Name SCOTT J GREGORIO	Signature <i>Darryl Van Hugmoed</i>	Date 8/23/22	Time 0808	Printed Name Darryl Van Hugmoed	Date 8/23/22	Time 0818
③	Signature <i>Darryl Van Hugmoed</i>	Date	Time	Signature	Date	Time	
	Printed Name	Time	Printed Name	Time	Time		

22-0338 SEAL # 911604  
 22-0339 SEAL # 911605



22H2917



PM: Barbara Frank

**SENDING LABORATORY:**

Legend Technical Services of Arizona, Inc.  
17631 North 25th Avenue  
Phoenix, AZ 85023  
Phone: 602-324-6100  
Fax: 602-324-6101  
Project Manager: Barbara Frank  
Project: Airport WW PFAs

**LABORATORY:**

Legend Technical Services, St. Paul AZ0557  
88 Empire Drive  
Saint Paul, MN 55103  
Phone : (800) 826-8553  
Fax: (651) 642-1239

Client: City of Prescott WWTP


Analysis	Due	Expires	Leach Date & Time	Sample Comments
Sample ID: 22H2917-01	Wastewater	Sampled:08/22/22 11:12		
537- Modified for WW (Subc09/01/22 15:00		09/05/22 11:12		
<i>Containers Supplied:</i> 03_500mL Plastic Cool to 4° C (A)				

**Special Instructions/Comments:**

Sample ID: 22H2917-02	Wastewater	Sampled:08/22/22 11:22		
537- Modified for WW (Subc09/01/22 15:00		09/05/22 11:22		
<i>Containers Supplied:</i> 03_500mL Plastic Cool to 4° C (A)				

**Special Instructions/Comments:**

\* The sample matrix for leachates supplied to the MN laboratory reflects the matrix of the original sample received by LEGEND AZ.  
\*\*For matrices other than Drinking Water requiring drinking water methods (such as EPA 505, etc.), a 10x dilution is acceptable. Appropriate data qualifiers are to be used.

Courtney Keen  X  
 Released By (Print & Sign)      8/23/22      1630      FedEx      Received By (Print & Sign)      8/23/22      1630  
 Date      Time      Date      Time

FedEx  
 Released By (Print & Sign)      Date      Time      Received By (Print & Sign)      Date      Time