Clinical Laboratory of San Bernardino, Inc.

Celebrating 50 Years of Analytical Service 1967-2017

25 March 2022 **Clinical Lab No.: 22C0757**

Daniel Best
PERC Water Corporation
11780 Air Expressway (P.O. Box 10)
Adelanto, CA 92301

Project Name: PFAS

Enclosed are the results of the analysis for sample(s) received at the laboratory on 03/08/22 . These sample(s) were analyzed at a sub-contract laboratory, with the final reports indicating the analyzing/reporting laboratory.

If applicable, these final reports will also indicate any state EDT transfer that has occurred. Please call if any additional information and/or assistance are needed.

Thank you for choosing Clinical Laboratory of San Bernardino for your analytical needs.

Sincerely,

Nate Fresquez
Project Manager

WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

Work Orders: 2C09020

Project: 22C0757

Attn: Nate Fresquez

Client: Clinical Laboratory of San Bernardino, Inc.
21881 Barton Road
Grand Terrace, CA 92313

Report Date: 3/24/2022
Received Date: 3/9/2022
Turnaround Time: Normal
Phones: (909) 825-7693
Fax: (909) 825-7696
P.O. #:
Billing Code:

Dear Nate Fresquez,

Enclosed are the results of analyses for samples received 3/09/22 with the Chain-of-Custody document. The samples were received in good condition, at 6.0 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Sample Results

Sample: Well 1G / 22C0757-01, RegID: CA3610001_016_016
2C09020-01 (Water)

Sampled: 03/08/22 12:05 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2C0946 **Preparation:** EPA 537/SPE		**Prepared:** 03/14/22 09:20				**Analyst:** jna
11Cl-PF3OUdS	ND	1.8	ng/l	1	03/15/22	
9Cl-PF3ONS	ND	1.8	ng/l	1	03/15/22	
ADONA	ND	1.8	ng/l	1	03/15/22	
EtFOSAA	ND	1.8	ng/l	1	03/15/22	
HFPO-DA	ND	1.8	ng/l	1	03/15/22	
MeFOSAA	ND	1.8	ng/l	1	03/15/22	
PFBS	ND	1.8	ng/l	1	03/15/22	
PFDA	ND	1.8	ng/l	1	03/15/22	
PFDoA	ND	1.8	ng/l	1	03/15/22	
PFHpA	ND	1.8	ng/l	1	03/15/22	
PFHxA	**2.4**	1.8	ng/l	1	03/15/22	
PFHxS	**13**	1.8	ng/l	1	03/15/22	
PFNA	ND	1.8	ng/l	1	03/15/22	
PFOA	ND	1.8	ng/l	1	03/15/22	
PFOS	ND	1.8	ng/l	1	03/15/22	
PFTeDA	ND	1.8	ng/l	1	03/15/22	
PFTrDA	ND	1.8	ng/l	1	03/15/22	
PFUnA	ND	1.8	ng/l	1	03/15/22	
Surrogate(s)						
13C2-PFDA	*106%*	*70-130*	*Conc: 37.4*		*03/15/22*	

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Sample Results

(Continued)

Sample: Well 1G / 22C0757-01, RegID: CA3610001_016_016 — Sampled: 03/08/22 12:05 by Client

2C09020-01 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2C0946 **Preparation:** EPA 537/SPE		**Prepared:** 03/14/22 09:20				**Analyst:** jna
13C2-PFHxA	*109%*	*70-130*	*Conc: 38.3*		*03/15/22*	
d5-EtFOSAA	*97%*	*70-130*	*Conc: 137*		*03/15/22*	
HFPO-DA-13C3	*102%*	*70-130*	*Conc: 35.8*		*03/15/22*	

Sample: Well 1G Field Blank / 22C0757-02, RegID: CA3610001_016_016 — Sampled: 03/08/22 12:05 by Client

2C09020-02 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2C0946 **Preparation:** EPA 537/SPE		**Prepared:** 03/14/22 09:20				**Analyst:** jna
11Cl-PF3OUdS	ND	1.8	ng/l	1	03/15/22	
9Cl-PF3ONS	ND	1.8	ng/l	1	03/15/22	
ADONA	ND	1.8	ng/l	1	03/15/22	
EtFOSAA	ND	1.8	ng/l	1	03/15/22	
HFPO-DA	ND	1.8	ng/l	1	03/15/22	
MeFOSAA	ND	1.8	ng/l	1	03/15/22	
PFBS	ND	1.8	ng/l	1	03/15/22	
PFDA	ND	1.8	ng/l	1	03/15/22	
PFDoA	ND	1.8	ng/l	1	03/15/22	
PFHpA	ND	1.8	ng/l	1	03/15/22	
PFHxA	ND	1.8	ng/l	1	03/15/22	
PFHxS	ND	1.8	ng/l	1	03/15/22	
PFNA	ND	1.8	ng/l	1	03/15/22	
PFOA	ND	1.8	ng/l	1	03/15/22	
PFOS	ND	1.8	ng/l	1	03/15/22	
PFTeDA	ND	1.8	ng/l	1	03/15/22	
PFTrDA	ND	1.8	ng/l	1	03/15/22	
PFUnA	ND	1.8	ng/l	1	03/15/22	
Surrogate(s)						
13C2-PFDA	*111%*	*70-130*	*Conc: 39.1*		*03/15/22*	
13C2-PFHxA	*112%*	*70-130*	*Conc: 39.4*		*03/15/22*	
d5-EtFOSAA	*103%*	*70-130*	*Conc: 145*		*03/15/22*	
HFPO-DA-13C3	*106%*	*70-130*	*Conc: 37.4*		*03/15/22*	

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Sample Results

(Continued)

Sample: Well 4G / 22C0757-03, RegID: CA3610001_013_013
2C09020-03 (Water)

Sampled: 03/08/22 12:57 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2C0946 **Preparation:** EPA 537/SPE		**Prepared:** 03/14/22 09:20				**Analyst:** jna
11Cl-PF3OUdS	ND	1.7	ng/l	1	03/15/22	
9Cl-PF3ONS	ND	1.7	ng/l	1	03/15/22	
ADONA	ND	1.7	ng/l	1	03/15/22	
EtFOSAA	ND	1.7	ng/l	1	03/15/22	
HFPO-DA	ND	1.7	ng/l	1	03/15/22	
MeFOSAA	ND	1.7	ng/l	1	03/15/22	
PFBS	**3.1**	1.7	ng/l	1	03/15/22	
PFDA	ND	1.7	ng/l	1	03/15/22	
PFDoA	ND	1.7	ng/l	1	03/15/22	
PFHpA	ND	1.7	ng/l	1	03/15/22	
PFHxA	ND	1.7	ng/l	1	03/15/22	
PFHxS	**2.4**	1.7	ng/l	1	03/15/22	
PFNA	ND	1.7	ng/l	1	03/15/22	
PFOA	**2.8**	1.7	ng/l	1	03/15/22	
PFOS	**4.5**	1.7	ng/l	1	03/15/22	
PFTeDA	ND	1.7	ng/l	1	03/15/22	
PFTrDA	ND	1.7	ng/l	1	03/15/22	
PFUnA	ND	1.7	ng/l	1	03/15/22	
Surrogate(s)						
13C2-PFDA	*114%*	*70-130*	*Conc: 39.1*		*03/15/22*	
13C2-PFHxA	*110%*	*70-130*	*Conc: 37.6*		*03/15/22*	
d5-EtFOSAA	*106%*	*70-130*	*Conc: 146*		*03/15/22*	
HFPO-DA-13C3	*100%*	*70-130*	*Conc: 34.3*		*03/15/22*	

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Sample Results

(Continued)

Sample: Well 4G Field Blank / 22C0757-04, RegID: CA3610001_013_013
2C09020-04 (Water)

Sampled: 03/08/22 12:57 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2C0946 **Preparation:** EPA 537/SPE		**Prepared:** 03/14/22 09:20				**Analyst:** jna
11Cl-PF3OUdS	ND	1.7	ng/l	1	03/15/22	
9Cl-PF3ONS	ND	1.7	ng/l	1	03/15/22	
ADONA	ND	1.7	ng/l	1	03/15/22	
EtFOSAA	ND	1.7	ng/l	1	03/15/22	
HFPO-DA	ND	1.7	ng/l	1	03/15/22	
MeFOSAA	ND	1.7	ng/l	1	03/15/22	
PFBS	ND	1.7	ng/l	1	03/15/22	
PFDA	ND	1.7	ng/l	1	03/15/22	
PFDoA	ND	1.7	ng/l	1	03/15/22	
PFHpA	ND	1.7	ng/l	1	03/15/22	
PFHxA	ND	1.7	ng/l	1	03/15/22	
PFHxS	ND	1.7	ng/l	1	03/15/22	
PFNA	ND	1.7	ng/l	1	03/15/22	
PFOA	ND	1.7	ng/l	1	03/15/22	
PFOS	ND	1.7	ng/l	1	03/15/22	
PFTeDA	ND	1.7	ng/l	1	03/15/22	
PFTrDA	ND	1.7	ng/l	1	03/15/22	
PFUnA	ND	1.7	ng/l	1	03/15/22	
Surrogate(s)						
13C2-PFDA	*111%*	*70-130*	*Conc: 37.6*		*03/15/22*	
13C2-PFHxA	*112%*	*70-130*	*Conc: 38.1*		*03/15/22*	
d5-EtFOSAA	*101%*	*70-130*	*Conc: 138*		*03/15/22*	
HFPO-DA-13C3	*105%*	*70-130*	*Conc: 35.9*		*03/15/22*	

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Sample Results

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Sample: Well 3G2 / 22C0757-05, RegID: CA3610001_021_021
2C09020-05 (Water)

Sampled: 03/08/22 12:43 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2C0946 **Preparation:** EPA 537/SPE		**Prepared:** 03/14/22 09:20				**Analyst:** jna
11Cl-PF3OUdS	ND	1.7	ng/l	1	03/15/22	
9Cl-PF3ONS	ND	1.7	ng/l	1	03/15/22	
ADONA	ND	1.7	ng/l	1	03/15/22	
EtFOSAA	ND	1.7	ng/l	1	03/15/22	
HFPO-DA	ND	1.7	ng/l	1	03/15/22	
MeFOSAA	ND	1.7	ng/l	1	03/15/22	
PFBS	ND	1.7	ng/l	1	03/15/22	
PFDA	ND	1.7	ng/l	1	03/15/22	
PFDoA	ND	1.7	ng/l	1	03/15/22	
PFHpA	ND	1.7	ng/l	1	03/15/22	
PFHxA	ND	1.7	ng/l	1	03/15/22	
PFHxS	ND	1.7	ng/l	1	03/15/22	
PFNA	ND	1.7	ng/l	1	03/15/22	
PFOA	ND	1.7	ng/l	1	03/15/22	
PFOS	ND	1.7	ng/l	1	03/15/22	
PFTeDA	ND	1.7	ng/l	1	03/15/22	
PFTrDA	ND	1.7	ng/l	1	03/15/22	
PFUnA	ND	1.7	ng/l	1	03/15/22	
Surrogate(s)						
13C2-PFDA	*106%*	*70-130*	*Conc: 36.2*		*03/15/22*	
13C2-PFHxA	*102%*	*70-130*	*Conc: 34.6*		*03/15/22*	
d5-EtFOSAA	*102%*	*70-130*	*Conc: 139*		*03/15/22*	
HFPO-DA-13C3	*97%*	*70-130*	*Conc: 32.9*		*03/15/22*	

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Sample Results

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Sample: Well 3G2 Field Blank / 22C0757-06, RegID: CA3610001_021_021
2C09020-06 (Water)

Sampled: 03/08/22 12:43 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2C0946 **Preparation:** EPA 537/SPE		**Prepared:** 03/14/22 09:20				**Analyst:** jna
11Cl-PF3OUdS	ND	1.7	ng/l	1	03/15/22	
9Cl-PF3ONS	ND	1.7	ng/l	1	03/15/22	
ADONA	ND	1.7	ng/l	1	03/15/22	
EtFOSAA	ND	1.7	ng/l	1	03/15/22	
HFPO-DA	ND	1.7	ng/l	1	03/15/22	
MeFOSAA	ND	1.7	ng/l	1	03/15/22	
PFBS	ND	1.7	ng/l	1	03/15/22	
PFDA	ND	1.7	ng/l	1	03/15/22	
PFDoA	ND	1.7	ng/l	1	03/15/22	
PFHpA	ND	1.7	ng/l	1	03/15/22	
PFHxA	ND	1.7	ng/l	1	03/15/22	
PFHxS	ND	1.7	ng/l	1	03/15/22	
PFNA	ND	1.7	ng/l	1	03/15/22	
PFOA	ND	1.7	ng/l	1	03/15/22	
PFOS	ND	1.7	ng/l	1	03/15/22	
PFTeDA	ND	1.7	ng/l	1	03/15/22	
PFTrDA	ND	1.7	ng/l	1	03/15/22	
PFUnA	ND	1.7	ng/l	1	03/15/22	
Surrogate(s)						
13C2-PFDA	*108%*	*70-130*	*Conc: 36.7*		*03/15/22*	
13C2-PFHxA	*108%*	*70-130*	*Conc: 36.7*		*03/15/22*	
d5-EtFOSAA	*103%*	*70-130*	*Conc: 140*		*03/15/22*	
HFPO-DA-13C3	*102%*	*70-130*	*Conc: 34.4*		*03/15/22*	

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Sample Results

(Continued)

Sample: Well 8G2 / 22C0757-07, RegID: CA3610001_022_022
2C09020-07 (Water)

Sampled: 03/08/22 13:07 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2C0946 **Preparation:** EPA 537/SPE		**Prepared:** 03/14/22 09:20				**Analyst:** jna
11Cl-PF3OUdS	ND	1.7	ng/l	1	03/15/22	
9Cl-PF3ONS	ND	1.7	ng/l	1	03/15/22	
ADONA	ND	1.7	ng/l	1	03/15/22	
EtFOSAA	ND	1.7	ng/l	1	03/15/22	
HFPO-DA	ND	1.7	ng/l	1	03/15/22	
MeFOSAA	ND	1.7	ng/l	1	03/15/22	
PFBS	**2.0**	1.7	ng/l	1	03/15/22	
PFDA	ND	1.7	ng/l	1	03/15/22	
PFDoA	ND	1.7	ng/l	1	03/15/22	
PFHpA	ND	1.7	ng/l	1	03/15/22	
PFHxA	ND	1.7	ng/l	1	03/15/22	
PFHxS	**2.4**	1.7	ng/l	1	03/15/22	
PFNA	ND	1.7	ng/l	1	03/15/22	
PFOA	ND	1.7	ng/l	1	03/15/22	
PFOS	**4.6**	1.7	ng/l	1	03/15/22	
PFTeDA	ND	1.7	ng/l	1	03/15/22	
PFTrDA	ND	1.7	ng/l	1	03/15/22	
PFUnA	ND	1.7	ng/l	1	03/15/22	
Surrogate(s)						
13C2-PFDA	*110%*	*70-130*	*Conc: 37.7*		*03/15/22*	
13C2-PFHxA	*109%*	*70-130*	*Conc: 37.2*		*03/15/22*	
d5-EtFOSAA	*107%*	*70-130*	*Conc: 147*		*03/15/22*	
HFPO-DA-13C3	*102%*	*70-130*	*Conc: 34.9*		*03/15/22*	

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Sample Results

(Continued)

Sample: Well 8G2 Field Blank / 22C0757-08, RegID: CA3610001_022_022
2C09020-08 (Water)

Sampled: 03/08/22 13:07 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2C0946 **Preparation:** EPA 537/SPE		**Prepared:** 03/14/22 09:20				**Analyst:** jna
11Cl-PF3OUdS	ND	1.7	ng/l	1	03/15/22	
9Cl-PF3ONS	ND	1.7	ng/l	1	03/15/22	
ADONA	ND	1.7	ng/l	1	03/15/22	
EtFOSAA	ND	1.7	ng/l	1	03/15/22	
HFPO-DA	ND	1.7	ng/l	1	03/15/22	
MeFOSAA	ND	1.7	ng/l	1	03/15/22	
PFBS	ND	1.7	ng/l	1	03/15/22	
PFDA	ND	1.7	ng/l	1	03/15/22	
PFDoA	ND	1.7	ng/l	1	03/15/22	
PFHpA	ND	1.7	ng/l	1	03/15/22	
PFHxA	ND	1.7	ng/l	1	03/15/22	
PFHxS	ND	1.7	ng/l	1	03/15/22	
PFNA	ND	1.7	ng/l	1	03/15/22	
PFOA	ND	1.7	ng/l	1	03/15/22	
PFOS	ND	1.7	ng/l	1	03/15/22	
PFTeDA	ND	1.7	ng/l	1	03/15/22	
PFTrDA	ND	1.7	ng/l	1	03/15/22	
PFUnA	ND	1.7	ng/l	1	03/15/22	
Surrogate(s)						
13C2-PFDA	*108%*	*70-130*	*Conc: 36.7*		*03/15/22*	
13C2-PFHxA	*110%*	*70-130*	*Conc: 37.6*		*03/15/22*	
d5-EtFOSAA	*103%*	*70-130*	*Conc: 140*		*03/15/22*	
HFPO-DA-13C3	*103%*	*70-130*	*Conc: 35.1*		*03/15/22*	

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Sample Results

(Continued)

Sample: Well 14A / 22C0757-09, RegID: CA3610001_020_020
2C09020-09 (Water)

Sampled: 03/08/22 13:29 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2C0946 **Preparation:** EPA 537/SPE		**Prepared:** 03/14/22 09:20				**Analyst:** jna
11Cl-PF3OUdS	ND	1.7	ng/l	1	03/15/22	
9Cl-PF3ONS	ND	1.7	ng/l	1	03/15/22	
ADONA	ND	1.7	ng/l	1	03/15/22	
EtFOSAA	ND	1.7	ng/l	1	03/15/22	
HFPO-DA	ND	1.7	ng/l	1	03/15/22	
MeFOSAA	ND	1.7	ng/l	1	03/15/22	
PFBS	**2.8**	1.7	ng/l	1	03/15/22	
PFDA	ND	1.7	ng/l	1	03/15/22	
PFDoA	ND	1.7	ng/l	1	03/15/22	
PFHpA	ND	1.7	ng/l	1	03/15/22	
PFHxA	ND	1.7	ng/l	1	03/15/22	
PFHxS	**3.0**	1.7	ng/l	1	03/15/22	
PFNA	ND	1.7	ng/l	1	03/15/22	
PFOA	**2.2**	1.7	ng/l	1	03/15/22	
PFOS	**4.6**	1.7	ng/l	1	03/15/22	
PFTeDA	ND	1.7	ng/l	1	03/15/22	
PFTrDA	ND	1.7	ng/l	1	03/15/22	
PFUnA	ND	1.7	ng/l	1	03/15/22	
Surrogate(s)						
13C2-PFDA	*107%*	*70-130*	*Conc: 36.5*		*03/15/22*	
13C2-PFHxA	*102%*	*70-130*	*Conc: 35.0*		*03/15/22*	
d5-EtFOSAA	*101%*	*70-130*	*Conc: 139*		*03/15/22*	
HFPO-DA-13C3	*96%*	*70-130*	*Conc: 32.7*		*03/15/22*	

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Sample Results

(Continued)

Sample: Well 14A Field Blank / 22C0757-10, RegID: CA3610001_020_020
2C09020-10 (Water)

Sampled: 03/08/22 13:29 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2C0946 **Preparation:** EPA 537/SPE		**Prepared:** 03/14/22 09:20				**Analyst:** jna
11Cl-PF3OUdS	ND	1.7	ng/l	1	03/15/22	
9Cl-PF3ONS	ND	1.7	ng/l	1	03/15/22	
ADONA	ND	1.7	ng/l	1	03/15/22	
EtFOSAA	ND	1.7	ng/l	1	03/15/22	
HFPO-DA	ND	1.7	ng/l	1	03/15/22	
MeFOSAA	ND	1.7	ng/l	1	03/15/22	
PFBS	ND	1.7	ng/l	1	03/15/22	
PFDA	ND	1.7	ng/l	1	03/15/22	
PFDoA	ND	1.7	ng/l	1	03/15/22	
PFHpA	ND	1.7	ng/l	1	03/15/22	
PFHxA	ND	1.7	ng/l	1	03/15/22	
PFHxS	ND	1.7	ng/l	1	03/15/22	
PFNA	ND	1.7	ng/l	1	03/15/22	
PFOA	ND	1.7	ng/l	1	03/15/22	
PFOS	ND	1.7	ng/l	1	03/15/22	
PFTeDA	ND	1.7	ng/l	1	03/15/22	
PFTrDA	ND	1.7	ng/l	1	03/15/22	
PFUnA	ND	1.7	ng/l	1	03/15/22	
Surrogate(s)						
13C2-PFDA	*104%*	*70-130*	*Conc: 36.2*		*03/15/22*	
13C2-PFHxA	*110%*	*70-130*	*Conc: 38.3*		*03/15/22*	
d5-EtFOSAA	*95%*	*70-130*	*Conc: 133*		*03/15/22*	
HFPO-DA-13C3	*104%*	*70-130*	*Conc: 36.3*		*03/15/22*	

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Quality Control Results

Per- and Polyflourinated Alkyl Substances (PFAS) by LC-MS/MS

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W2C0946 - EPA 537/SPE										
Blank (W2C0946-BLK1)				**Prepared: 03/14/22 Analyzed: 03/15/22**						
11Cl-PF3OUdS	ND	2.0	ng/l							
9Cl-PF3ONS	ND	2.0	ng/l							
ADONA	ND	2.0	ng/l							
EtFOSAA	ND	2.0	ng/l							
HFPO-DA	ND	2.0	ng/l							
MeFOSAA	ND	2.0	ng/l							
PFBS	ND	2.0	ng/l							
PFDA	ND	2.0	ng/l							
PFDoA	ND	2.0	ng/l							
PFHpA	ND	2.0	ng/l							
PFHxA	ND	2.0	ng/l							
PFHxS	ND	2.0	ng/l							
PFNA	ND	2.0	ng/l							
PFOA	ND	2.0	ng/l							
PFOS	ND	2.0	ng/l							
PFTeDA	ND	2.0	ng/l							
PFTrDA	ND	2.0	ng/l							
PFUnA	ND	2.0	ng/l							
Surrogate(s)										
13C2-PFDA	*39.9*		*ng/l*	*40.0*		*100*	*70-130*			
13C2-PFHxA	*33.4*		*ng/l*	*40.0*		*84*	*70-130*			
d5-EtFOSAA	*151*		*ng/l*	*160*		*94*	*70-130*			
HFPO-DA-13C3	*30.1*		*ng/l*	*40.0*		*75*	*70-130*			
Blank (W2C0946-BLK2)				**Prepared: 03/14/22 Analyzed: 03/22/22**						
11Cl-PF3OUdS	ND	2.0	ng/l							QC-2
9Cl-PF3ONS	ND	2.0	ng/l							QC-2
ADONA	ND	2.0	ng/l							QC-2
EtFOSAA	ND	2.0	ng/l							QC-2
HFPO-DA	ND	2.0	ng/l							QC-2
MeFOSAA	ND	2.0	ng/l							QC-2
PFBS	ND	2.0	ng/l							QC-2
PFDA	ND	2.0	ng/l							QC-2
PFDoA	ND	2.0	ng/l							QC-2
PFHpA	ND	2.0	ng/l							QC-2
PFHxA	ND	2.0	ng/l							QC-2
PFHxS	ND	2.0	ng/l							QC-2
PFNA	ND	2.0	ng/l							QC-2
PFOA	ND	2.0	ng/l							QC-2
PFOS	ND	2.0	ng/l							QC-2
PFTeDA	ND	2.0	ng/l							QC-2
PFTrDA	ND	2.0	ng/l							QC-2
PFUnA	ND	2.0	ng/l							QC-2
Surrogate(s)										

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Quality Control Results

(Continued)

Per- and Polyflourinated Alkyl Substances (PFAS) by LC-MS/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W2C0946 - EPA 537/SPE (Continued)										
Blank (W2C0946-BLK2)				**Prepared: 03/14/22 Analyzed: 03/22/22**						
Surrogate(s)										
13C2-PFDA	*44.4*		*ng/l*	*40.0*		*111*	*70-130*			QC-2
13C2-PFHxA	*43.5*		*ng/l*	*40.0*		*109*	*70-130*			QC-2
d5-EtFOSAA	*155*		*ng/l*	*160*		*97*	*70-130*			QC-2
HFPO-DA-13C3	*42.0*		*ng/l*	*40.0*		*105*	*70-130*			QC-2
LCS (W2C0946-BS1)				**Prepared: 03/14/22 Analyzed: 03/15/22**						
11Cl-PF3OUdS	2.18	2.0	ng/l	2.00		109	50-150			
9Cl-PF3ONS	1.98	2.0	ng/l	2.00		99	50-150			
ADONA	1.74	2.0	ng/l	2.00		87	50-150			
EtFOSAA	2.05	2.0	ng/l	2.00		103	50-150			
HFPO-DA	1.66	2.0	ng/l	2.00		83	50-150			
MeFOSAA	2.25	2.0	ng/l	2.00		112	50-150			
PFBS	1.98	2.0	ng/l	2.00		99	50-150			
PFDA	1.98	2.0	ng/l	2.00		99	50-150			
PFDoA	2.54	2.0	ng/l	2.00		127	50-150			
PFHpA	1.80	2.0	ng/l	2.00		90	50-150			
PFHxA	1.92	2.0	ng/l	2.00		96	50-150			
PFHxS	1.80	2.0	ng/l	2.00		90	50-150			
PFNA	1.89	2.0	ng/l	2.00		95	50-150			
PFOA	1.91	2.0	ng/l	2.00		95	50-150			
PFOS	2.11	2.0	ng/l	2.00		105	50-150			
PFTeDA	2.50	2.0	ng/l	2.00		125	50-150			
PFTrDA	2.25	2.0	ng/l	2.00		113	50-150			
PFUnA	2.10	2.0	ng/l	2.00		105	50-150			
Surrogate(s)										
13C2-PFDA	*39.4*		*ng/l*	*40.0*		*99*	*70-130*			
13C2-PFHxA	*35.2*		*ng/l*	*40.0*		*88*	*70-130*			
d5-EtFOSAA	*146*		*ng/l*	*160*		*91*	*70-130*			
HFPO-DA-13C3	*31.2*		*ng/l*	*40.0*		*78*	*70-130*			
LCS (W2C0946-BS2)				**Prepared: 03/14/22 Analyzed: 03/22/22**						
11Cl-PF3OUdS	2.32	2.0	ng/l	2.00		116	50-150			QC-2
9Cl-PF3ONS	2.27	2.0	ng/l	2.00		114	50-150			QC-2
ADONA	2.30	2.0	ng/l	2.00		115	50-150			QC-2
EtFOSAA	2.32	2.0	ng/l	2.00		116	50-150			QC-2
HFPO-DA	2.45	2.0	ng/l	2.00		122	50-150			QC-2
MeFOSAA	2.29	2.0	ng/l	2.00		114	50-150			QC-2
PFBS	2.40	2.0	ng/l	2.00		120	50-150			QC-2
PFDA	2.31	2.0	ng/l	2.00		115	50-150			QC-2
PFDoA	2.41	2.0	ng/l	2.00		121	50-150			QC-2
PFHpA	2.32	2.0	ng/l	2.00		116	50-150			QC-2
PFHxA	2.38	2.0	ng/l	2.00		119	50-150			QC-2
PFHxS	2.37	2.0	ng/l	2.00		119	50-150			QC-2
PFNA	2.28	2.0	ng/l	2.00		114	50-150			QC-2

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Quality Control Results

(Continued)

Per- and Polyflourinated Alkyl Substances (PFAS) by LC-MS/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W2C0946 - EPA 537/SPE (Continued)										
LCS (W2C0946-BS2)				**Prepared: 03/14/22 Analyzed: 03/22/22**						
PFOA	2.42	2.0	ng/l	2.00		121	50-150			QC-2
PFOS	2.45	2.0	ng/l	2.00		123	50-150			QC-2
PFTeDA	2.58	2.0	ng/l	2.00		129	50-150			QC-2
PFTrDA	2.41	2.0	ng/l	2.00		120	50-150			QC-2
PFUnA	2.24	2.0	ng/l	2.00		112	50-150			QC-2
Surrogate(s)										
13C2-PFDA	*44.7*		*ng/l*	*40.0*		*112*	*70-130*			QC-2
13C2-PFHxA	*43.5*		*ng/l*	*40.0*		*109*	*70-130*			QC-2
d5-EtFOSAA	*163*		*ng/l*	*160*		*102*	*70-130*			QC-2
HFPO-DA-13C3	*42.7*		*ng/l*	*40.0*		*107*	*70-130*			QC-2
LCS Dup (W2C0946-BSD1)				**Prepared: 03/14/22 Analyzed: 03/15/22**						
11Cl-PF3OUdS	2.06	2.0	ng/l	2.00		103	50-150	6	30	
9Cl-PF3ONS	2.11	2.0	ng/l	2.00		106	50-150	7	30	
ADONA	1.94	2.0	ng/l	2.00		97	50-150	11	30	
EtFOSAA	2.03	2.0	ng/l	2.00		102	50-150	0.8	30	
HFPO-DA	2.10	2.0	ng/l	2.00		105	50-150	23	30	
MeFOSAA	2.29	2.0	ng/l	2.00		114	50-150	2	30	
PFBS	2.11	2.0	ng/l	2.00		106	50-150	6	30	
PFDA	2.03	2.0	ng/l	2.00		101	50-150	2	30	
PFDoA	1.95	2.0	ng/l	2.00		97	50-150	26	30	
PFHpA	1.97	2.0	ng/l	2.00		98	50-150	9	30	
PFHxA	2.09	2.0	ng/l	2.00		104	50-150	8	30	
PFHxS	2.03	2.0	ng/l	2.00		102	50-150	12	30	
PFNA	2.11	2.0	ng/l	2.00		106	50-150	11	30	
PFOA	2.14	2.0	ng/l	2.00		107	50-150	12	30	
PFOS	2.22	2.0	ng/l	2.00		111	50-150	5	30	
PFTeDA	2.55	2.0	ng/l	2.00		128	50-150	2	30	
PFTrDA	2.32	2.0	ng/l	2.00		116	50-150	3	30	
PFUnA	2.02	2.0	ng/l	2.00		101	50-150	4	30	
Surrogate(s)										
13C2-PFDA	*40.7*		*ng/l*	*40.0*		*102*	*70-130*			
13C2-PFHxA	*39.6*		*ng/l*	*40.0*		*99*	*70-130*			
d5-EtFOSAA	*156*		*ng/l*	*160*		*98*	*70-130*			
HFPO-DA-13C3	*36.2*		*ng/l*	*40.0*		*90*	*70-130*			
LCS Dup (W2C0946-BSD2)				**Prepared: 03/14/22 Analyzed: 03/22/22**						
11Cl-PF3OUdS	2.18	2.0	ng/l	2.00		109	50-150	6	30	QC-2
9Cl-PF3ONS	2.21	2.0	ng/l	2.00		111	50-150	3	30	QC-2
ADONA	2.28	2.0	ng/l	2.00		114	50-150	0.9	30	QC-2
EtFOSAA	2.24	2.0	ng/l	2.00		112	50-150	3	30	QC-2
HFPO-DA	2.05	2.0	ng/l	2.00		103	50-150	18	30	QC-2
MeFOSAA	2.21	2.0	ng/l	2.00		111	50-150	3	30	QC-2
PFBS	2.31	2.0	ng/l	2.00		116	50-150	4	30	QC-2
PFDA	2.19	2.0	ng/l	2.00		110	50-150	5	30	QC-2

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Quality Control Results

(Continued)

Per- and Polyflourinated Alkyl Substances (PFAS) by LC-MS/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W2C0946 - EPA 537/SPE (Continued)										
LCS Dup (W2C0946-BSD2)				**Prepared: 03/14/22**	**Analyzed: 03/22/22**					
PFDoA	2.30	2.0	ng/l	2.00		115	50-150	5	30	QC-2
PFHpA	2.26	2.0	ng/l	2.00		113	50-150	3	30	QC-2
PFHxA	2.30	2.0	ng/l	2.00		115	50-150	4	30	QC-2
PFHxS	2.26	2.0	ng/l	2.00		113	50-150	5	30	QC-2
PFNA	2.24	2.0	ng/l	2.00		112	50-150	2	30	QC-2
PFOA	2.37	2.0	ng/l	2.00		119	50-150	2	30	QC-2
PFOS	2.38	2.0	ng/l	2.00		119	50-150	3	30	QC-2
PFTeDA	2.62	2.0	ng/l	2.00		131	50-150	1	30	QC-2
PFTrDA	2.37	2.0	ng/l	2.00		119	50-150	1	30	QC-2
PFUnA	2.12	2.0	ng/l	2.00		106	50-150	6	30	QC-2
Surrogate(s)										
13C2-PFDA	*44.7*		*ng/l*	*40.0*		*112*	*70-130*			QC-2
13C2-PFHxA	*43.6*		*ng/l*	*40.0*		*109*	*70-130*			QC-2
d5-EtFOSAA	*159*		*ng/l*	*160*		*99*	*70-130*			QC-2
HFPO-DA-13C3	*42.3*		*ng/l*	*40.0*		*106*	*70-130*			QC-2

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Notes and Definitions

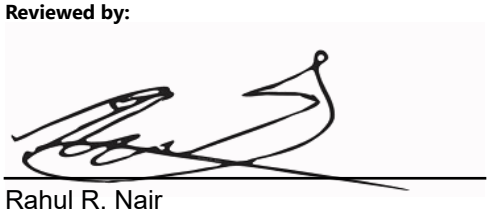
Item	Definition
QC-2	This QC sample was reanalyzed to complement samples that require re-analysis on different date. See analysis date.
%REC	Percent Recovery
Dil	Dilution
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ)
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
RPD	Relative Percent Difference

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

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

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

Reviewed by:



Rahul R. Nair
Project Manager

ELAP-CA #1132 • EPA-UCMR #CA00211 • Guam-EPA #17-008R • LACSD #10143 • NJ-DEP #CA015 • NV-DEP #NAC 445A • SCAQMD #93LA1006

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

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SUBCONTRACT ORDER

Clinical Laboratory of San Bernardino

22C0757

2009020

SENDING LABORATORY:

Clinical Laboratory of San Bernardino
21881 Barton Road
Grand Terrace, CA 92313
Phone: 909.825.7693
Fax: 909.825.7696
Project Manager: Nate Fresquez

RECEIVING LABORATORY:

Weck Lab, Analytical & Environmental
14859 E Clark Ave
Industry, CA 91745
Phone :(626) 336-2139
Fax: (626) 336-2634

Please email results to Project Manager: Nate Fresquez
[ ] glaubig@clinical-lab.com [ ] styles@clinical-lab.com [ ] jhernandez@clinical-lab.com [✓] fresquez@clinical-lab.com

CLIP transfer those samples with PS codes provided [✓] Yes [ ] No
Water Trax Upload Client: _____ [ ] Yes [✓] No
GeoTracker Upload Client: _____ [ ] Yes [✓] No

Turn Around Time [✓] 10 Days [ ] 5 Days [ ] Other __ Days

Subcontract Comments:

Analysis	Comments
Sample ID: Well 1G / 22C0757-01	**Sampled: 03/08/22 12:05 PS Code: CA3610001_016_016** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A)	
Sample ID: Well 1G Field Blank / 22C0757-02	**Sampled: 03/08/22 12:05 PS Code:** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A)	
Sample ID: Well 4G / 22C0757-03	**Sampled: 03/08/22 12:57 PS Code: CA3610001_013_013** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A)	
Sample ID: Well 4G Field Blank / 22C0757-04	**Sampled: 03/08/22 12:57 PS Code:** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A)	

Released By	Date / Time	Received By	Date / Time
	03/09/22 07:30		3/9/22 900
	3/9/22 1050		03/09/22 1050

6.0c T-0234

SUBCONTRACT ORDER

Clinical Laboratory of San Bernardino

22C0757

2C09020

Analysis	Comments
Sample ID: Well 3G2 / 22C0757-05	**Sampled: 03/08/22 12:43 PS Code: CA3610001_021_021** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A)	
Sample ID: Well 3G2 Field Blank / 22C0757-06	**Sampled: 03/08/22 12:43 PS Code:** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A)	
Sample ID: Well 8G2 / 22C0757-07	**Sampled: 03/08/22 13:07 PS Code: CA3610001_022_022** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A)	
Sample ID: Well 8G2 Field Blank / 22C0757-08	**Sampled: 03/08/22 13:07 PS Code:** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A)	
Sample ID: Well 14A / 22C0757-09	**Sampled: 03/08/22 13:29 PS Code: CA3610001_020_020** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A)	
Sample ID: Well 14A Field Blank / 22C0757-10	**Sampled: 03/08/22 13:29 PS Code:** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A)	

Released By	Date / Time	Received By	Date / Time
	03/09/22 07:30		3/9/22 900
Released By	Date / Time	Received By	Date / Time
	3/9/22 1050		

Clinical Laboratory of San Bernardino, Inc.

2260157

Chain of Custody

Client	PERC Water Company	System Number	Analysis Requested
Address	11780 Air Expressway	3610001	
	Adelanto, CA 92301		
Contact	*Daniel Best*	Email Address: dbest@percwater.com	
Phone #	*(760) 518 - 1606*	Fax #: (760) 246-2300	
Project	*PFAS*	Reporting Requests:	
Sub Project		(X) CLIP ( ) Test Share (X) CC's To: dbest@percwater.com	
Sampled by	Oliver Walker		

Date	Time	Sample Identification	Matrix	Type	Preservatives	Total Chlorine	Free Chlorine	Temp C	537.1 PFAS	537.1 PFAS Field Blank						PS Code
3/6/2022	12:56	Well 1G	DW		1.25g Trizma				X	X						CA3610001_016_016
3/6/2022	12:59	Well 4G	DW		1.25g Trizma				X	X						CA3610001_013_013
3/6/2022	1243	Well 3G2	DW		1.25g Trizma				X	X						CA3610001_021_021
3/6/2022	107	Well 8G2	DW		1.25g Trizma				X	X						CA3610001_022_022
3/6/2022	1129	Well 14A	DW		1.25g Trizma				X	X						CA3610001_020_020
									2 x 250ml Poly 2/ Trizma	250mL Blank into 250mL w/Trizma						

Matrix: DW-Drinking Water, WW-Waste Water, SW-Stormwater

Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special

Preservatives: (1) Na2S2O3 (2) HCl (3) HNO3 (4) NH4Cl (5) H2SO4 (6) Na2SO3 (7) Cold (8) Other:

Relinquished By (Sign)	*Print Name / Company*	*Date / Time*	*Received By (Sign)*	*Print Name / Company*
Oliver Walker	Oliver Walker / Geo-Monitor	3-6-22 / 1457		
	GMI / GSB	3-8-22 / 1640		Bridget Bunsold

Geo-Monitor, Inc. - Samples received: ( ) On ice ( ) Intact ( ) Custody seals Temp_____ ( ) F ( ) C

Clinical Laboratory of San Bernardino, Inc. - Samples received: (✓) On ice (✓) Intact ( ) Custody seals Temp 7.7 ( ) F (✓) C

ELAP # 1088