Clinical Laboratory of San Bernardino, Inc.

Celebrating 50 Years of Analytical Service 1967-2017

20 May 2022 **Clinical Lab No.: 22D1189**

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 04/13/22 . 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: 2D14071

Project: 22D1189

Attn: Nate Fresquez

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

Report Date: 5/10/2022
Received Date: 4/14/2022
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 4/14/22 with the Chain-of-Custody document. The samples were received in good condition, at 3.1 °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 / 22D1189-01, RegID: CA3610001_016_016
2D14071-01 (Water)

Sampled: 04/13/22 10:05 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2D1267 **Preparation:** EPA 537/SPE		**Prepared:** 04/19/22 07:27				**Analyst:** jna
11Cl-PF3OUdS	ND	1.7	ng/l	1	04/20/22	
9Cl-PF3ONS	ND	1.7	ng/l	1	04/20/22	
ADONA	ND	1.7	ng/l	1	04/20/22	
EtFOSAA	ND	1.7	ng/l	1	04/20/22	
HFPO-DA	ND	1.7	ng/l	1	04/20/22	
MeFOSAA	ND	1.7	ng/l	1	04/20/22	
PFBS	ND	1.7	ng/l	1	04/20/22	
PFDA	ND	1.7	ng/l	1	04/20/22	
PFDoA	ND	1.7	ng/l	1	04/20/22	
PFHpA	ND	1.7	ng/l	1	04/20/22	
PFHxA	**2.6**	1.7	ng/l	1	04/20/22	
PFHxS	**13**	1.7	ng/l	1	04/20/22	
PFNA	ND	1.7	ng/l	1	04/20/22	
PFOA	**1.8**	1.7	ng/l	1	04/20/22	
PFOS	ND	1.7	ng/l	1	04/20/22	
PFTeDA	ND	1.7	ng/l	1	04/20/22	
PFTrDA	ND	1.7	ng/l	1	04/20/22	
PFUnA	ND	1.7	ng/l	1	04/20/22	
Surrogate(s)						
13C2-PFDA	*110%*	*70-130*	*Conc: 37.9*		*04/20/22*	

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Sample Results

(Continued)

Sample: Well 1G / 22D1189-01, RegID: CA3610001_016_016 — Sampled: 04/13/22 10:05 by Client
2D14071-01 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2D1267 **Preparation:** EPA 537/SPE		**Prepared:** 04/19/22 07:27				**Analyst:** jna
13C2-PFHxA	*116%*	*70-130*	*Conc: 40.0*		*04/20/22*	
d5-EtFOSAA	*104%*	*70-130*	*Conc: 144*		*04/20/22*	
HFPO-DA-13C3	*114%*	*70-130*	*Conc: 39.2*		*04/20/22*	

Sample: Well 1G Field Blank / 22D1189-02, RegID: CA3610001_016_016 — Sampled: 04/13/22 10:05 by Client
2D14071-02 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2D1267 **Preparation:** EPA 537/SPE		**Prepared:** 04/19/22 07:27				**Analyst:** jna
11Cl-PF3OUdS	ND	1.7	ng/l	1	04/20/22	
9Cl-PF3ONS	ND	1.7	ng/l	1	04/20/22	
ADONA	ND	1.7	ng/l	1	04/20/22	
EtFOSAA	ND	1.7	ng/l	1	04/20/22	
HFPO-DA	ND	1.7	ng/l	1	04/20/22	
MeFOSAA	ND	1.7	ng/l	1	04/20/22	
PFBS	ND	1.7	ng/l	1	04/20/22	
PFDA	ND	1.7	ng/l	1	04/20/22	
PFDoA	ND	1.7	ng/l	1	04/20/22	
PFHpA	ND	1.7	ng/l	1	04/20/22	
PFHxA	ND	1.7	ng/l	1	04/20/22	
PFHxS	ND	1.7	ng/l	1	04/20/22	
PFNA	ND	1.7	ng/l	1	04/20/22	
PFOA	ND	1.7	ng/l	1	04/20/22	
PFOS	ND	1.7	ng/l	1	04/20/22	
PFTeDA	ND	1.7	ng/l	1	04/20/22	
PFTrDA	ND	1.7	ng/l	1	04/20/22	
PFUnA	ND	1.7	ng/l	1	04/20/22	
Surrogate(s)						
13C2-PFDA	*115%*	*70-130*	*Conc: 37.9*		*04/20/22*	
13C2-PFHxA	*120%*	*70-130*	*Conc: 39.7*		*04/20/22*	
d5-EtFOSAA	*108%*	*70-130*	*Conc: 143*		*04/20/22*	
HFPO-DA-13C3	*115%*	*70-130*	*Conc: 38.0*		*04/20/22*	

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Sample Results

(Continued)

Sample: Well 4G / 22D1189-03, RegID: CA3610001_013_013 Sampled: 04/13/22 9:32 by Client
2D14071-03 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2D1267 **Preparation:** EPA 537/SPE		**Prepared:** 04/19/22 07:27				**Analyst:** jna
11Cl-PF3OUdS	ND	1.8	ng/l	1	04/20/22	
9Cl-PF3ONS	ND	1.8	ng/l	1	04/20/22	
ADONA	ND	1.8	ng/l	1	04/20/22	
EtFOSAA	ND	1.8	ng/l	1	04/20/22	
HFPO-DA	ND	1.8	ng/l	1	04/20/22	
MeFOSAA	ND	1.8	ng/l	1	04/20/22	
PFBS	**3.5**	1.8	ng/l	1	04/20/22	
PFDA	ND	1.8	ng/l	1	04/20/22	
PFDoA	ND	1.8	ng/l	1	04/20/22	
PFHpA	ND	1.8	ng/l	1	04/20/22	
PFHxA	ND	1.8	ng/l	1	04/20/22	
PFHxS	**2.8**	1.8	ng/l	1	04/20/22	
PFNA	ND	1.8	ng/l	1	04/20/22	
PFOA	**2.3**	1.8	ng/l	1	04/20/22	
PFOS	**4.5**	1.8	ng/l	1	04/20/22	
PFTeDA	ND	1.8	ng/l	1	04/20/22	
PFTrDA	ND	1.8	ng/l	1	04/20/22	
PFUnA	ND	1.8	ng/l	1	04/20/22	
Surrogate(s)						
13C2-PFDA	*116%*	*70-130*	*Conc: 41.6*		*04/20/22*	
13C2-PFHxA	*114%*	*70-130*	*Conc: 40.8*		*04/20/22*	
d5-EtFOSAA	*111%*	*70-130*	*Conc: 159*		*04/20/22*	
HFPO-DA-13C3	*109%*	*70-130*	*Conc: 39.0*		*04/20/22*	

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Sample Results

(Continued)

Sample: Well 4G Field Blank / 22D1189-04, RegID: CA3610001_013_013
2D14071-04 (Water)

Sampled: 04/13/22 9:32 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2D1267 **Preparation:** EPA 537/SPE		**Prepared:** 04/19/22 07:27				**Analyst:** jna
11Cl-PF3OUdS	ND	1.8	ng/l	1	04/20/22	
9Cl-PF3ONS	ND	1.8	ng/l	1	04/20/22	
ADONA	ND	1.8	ng/l	1	04/20/22	
EtFOSAA	ND	1.8	ng/l	1	04/20/22	
HFPO-DA	ND	1.8	ng/l	1	04/20/22	
MeFOSAA	ND	1.8	ng/l	1	04/20/22	
PFBS	ND	1.8	ng/l	1	04/20/22	
PFDA	ND	1.8	ng/l	1	04/20/22	
PFDoA	ND	1.8	ng/l	1	04/20/22	
PFHpA	ND	1.8	ng/l	1	04/20/22	
PFHxA	ND	1.8	ng/l	1	04/20/22	
PFHxS	ND	1.8	ng/l	1	04/20/22	
PFNA	ND	1.8	ng/l	1	04/20/22	
PFOA	ND	1.8	ng/l	1	04/20/22	
PFOS	ND	1.8	ng/l	1	04/20/22	
PFTeDA	ND	1.8	ng/l	1	04/20/22	
PFTrDA	ND	1.8	ng/l	1	04/20/22	
PFUnA	ND	1.8	ng/l	1	04/20/22	
Surrogate(s)						
13C2-PFDA	*99%*	*70-130*	*Conc: 35.5*		*04/20/22*	
13C2-PFHxA	*115%*	*70-130*	*Conc: 41.3*		*04/20/22*	
d5-EtFOSAA	*95%*	*70-130*	*Conc: 136*		*04/20/22*	
HFPO-DA-13C3	*110%*	*70-130*	*Conc: 39.6*		*04/20/22*	

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Sample Results

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Sample: Well 3G2 / 22D1189-05, RegID: CA3610001_021_021 Sampled: 04/13/22 8:56 by Client

2D14071-05 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2D1267 **Preparation:** EPA 537/SPE		**Prepared:** 04/19/22 07:27				**Analyst:** jna
11Cl-PF3OUdS	ND	1.8	ng/l	1	04/20/22	
9Cl-PF3ONS	ND	1.8	ng/l	1	04/20/22	
ADONA	ND	1.8	ng/l	1	04/20/22	
EtFOSAA	ND	1.8	ng/l	1	04/20/22	
HFPO-DA	ND	1.8	ng/l	1	04/20/22	
MeFOSAA	ND	1.8	ng/l	1	04/20/22	
PFBS	ND	1.8	ng/l	1	04/20/22	
PFDA	ND	1.8	ng/l	1	04/20/22	
PFDoA	ND	1.8	ng/l	1	04/20/22	
PFHpA	ND	1.8	ng/l	1	04/20/22	
PFHxA	ND	1.8	ng/l	1	04/20/22	
PFHxS	ND	1.8	ng/l	1	04/20/22	
PFNA	ND	1.8	ng/l	1	04/20/22	
PFOA	ND	1.8	ng/l	1	04/20/22	
PFOS	ND	1.8	ng/l	1	04/20/22	
PFTeDA	ND	1.8	ng/l	1	04/20/22	
PFTrDA	ND	1.8	ng/l	1	04/20/22	
PFUnA	ND	1.8	ng/l	1	04/20/22	
Surrogate(s)						
13C2-PFDA	*109%*	*70-130*	*Conc: 39.2*		*04/20/22*	
13C2-PFHxA	*113%*	*70-130*	*Conc: 40.5*		*04/20/22*	
d5-EtFOSAA	*104%*	*70-130*	*Conc: 149*		*04/20/22*	
HFPO-DA-13C3	*110%*	*70-130*	*Conc: 39.5*		*04/20/22*	

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Sample Results

(Continued)

Sample: Well 3G2 Field Blank / 22D1189-06, RegID: CA3610001_021_021
2D14071-06 (Water)

Sampled: 04/13/22 8:56 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2D1267 **Preparation:** EPA 537/SPE		**Prepared:** 04/19/22 07:27				**Analyst:** jna
11Cl-PF3OUdS	ND	1.7	ng/l	1	04/20/22	
9Cl-PF3ONS	ND	1.7	ng/l	1	04/20/22	
ADONA	ND	1.7	ng/l	1	04/20/22	
EtFOSAA	ND	1.7	ng/l	1	04/20/22	
HFPO-DA	ND	1.7	ng/l	1	04/20/22	
MeFOSAA	ND	1.7	ng/l	1	04/20/22	
PFBS	ND	1.7	ng/l	1	04/20/22	
PFDA	ND	1.7	ng/l	1	04/20/22	
PFDoA	ND	1.7	ng/l	1	04/20/22	
PFHpA	ND	1.7	ng/l	1	04/20/22	
PFHxA	ND	1.7	ng/l	1	04/20/22	
PFHxS	ND	1.7	ng/l	1	04/20/22	
PFNA	ND	1.7	ng/l	1	04/20/22	
PFOA	ND	1.7	ng/l	1	04/20/22	
PFOS	ND	1.7	ng/l	1	04/20/22	
PFTeDA	ND	1.7	ng/l	1	04/20/22	
PFTrDA	ND	1.7	ng/l	1	04/20/22	
PFUnA	ND	1.7	ng/l	1	04/20/22	
Surrogate(s)						
13C2-PFDA	*112%*	*70-130*	*Conc: 38.4*		*04/20/22*	
13C2-PFHxA	*114%*	*70-130*	*Conc: 38.9*		*04/20/22*	
d5-EtFOSAA	*110%*	*70-130*	*Conc: 151*		*04/20/22*	
HFPO-DA-13C3	*109%*	*70-130*	*Conc: 37.3*		*04/20/22*	

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Sample Results

(Continued)

Sample: Well 8G2 / 22D1189-07, RegID: CA3610001_022_022 Sampled: 04/13/22 9:18 by Client

2D14071-07 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2D1267 **Preparation:** EPA 537/SPE		**Prepared:** 04/19/22 07:27				**Analyst:** jna
11Cl-PF3OUdS	ND	1.7	ng/l	1	04/20/22	
9Cl-PF3ONS	ND	1.7	ng/l	1	04/20/22	
ADONA	ND	1.7	ng/l	1	04/20/22	
EtFOSAA	ND	1.7	ng/l	1	04/20/22	
HFPO-DA	ND	1.7	ng/l	1	04/20/22	
MeFOSAA	ND	1.7	ng/l	1	04/20/22	
PFBS	**2.2**	1.7	ng/l	1	04/20/22	
PFDA	ND	1.7	ng/l	1	04/20/22	
PFDoA	ND	1.7	ng/l	1	04/20/22	
PFHpA	ND	1.7	ng/l	1	04/20/22	
PFHxA	ND	1.7	ng/l	1	04/20/22	
PFHxS	**2.2**	1.7	ng/l	1	04/20/22	
PFNA	ND	1.7	ng/l	1	04/20/22	
PFOA	ND	1.7	ng/l	1	04/20/22	
PFOS	**4.5**	1.7	ng/l	1	04/20/22	
PFTeDA	ND	1.7	ng/l	1	04/20/22	
PFTrDA	ND	1.7	ng/l	1	04/20/22	
PFUnA	ND	1.7	ng/l	1	04/20/22	
Surrogate(s)						
13C2-PFDA	*118%*	*70-130*	*Conc: 39.6*		*04/20/22*	
13C2-PFHxA	*120%*	*70-130*	*Conc: 40.1*		*04/20/22*	
d5-EtFOSAA	*111%*	*70-130*	*Conc: 148*		*04/20/22*	
HFPO-DA-13C3	*110%*	*70-130*	*Conc: 36.9*		*04/20/22*	

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Sample Results

(Continued)

Sample: Well 8G2 Field Blank / 22D1189-08, RegID: CA3610001_022_022
2D14071-08 (Water)

Sampled: 04/13/22 9:18 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2D1267 **Preparation:** EPA 537/SPE		**Prepared:** 04/19/22 07:27				**Analyst:** jna
11Cl-PF3OUdS	ND	1.7	ng/l	1	04/20/22	
9Cl-PF3ONS	ND	1.7	ng/l	1	04/20/22	
ADONA	ND	1.7	ng/l	1	04/20/22	
EtFOSAA	ND	1.7	ng/l	1	04/20/22	
HFPO-DA	ND	1.7	ng/l	1	04/20/22	
MeFOSAA	ND	1.7	ng/l	1	04/20/22	
PFBS	ND	1.7	ng/l	1	04/20/22	
PFDA	ND	1.7	ng/l	1	04/20/22	
PFDoA	ND	1.7	ng/l	1	04/20/22	
PFHpA	ND	1.7	ng/l	1	04/20/22	
PFHxA	ND	1.7	ng/l	1	04/20/22	
PFHxS	ND	1.7	ng/l	1	04/20/22	
PFNA	ND	1.7	ng/l	1	04/20/22	
PFOA	ND	1.7	ng/l	1	04/20/22	
PFOS	ND	1.7	ng/l	1	04/20/22	
PFTeDA	ND	1.7	ng/l	1	04/20/22	
PFTrDA	ND	1.7	ng/l	1	04/20/22	
PFUnA	ND	1.7	ng/l	1	04/20/22	
Surrogate(s)						
13C2-PFDA	*112%*	*70-130*	*Conc: 38.1*		*04/20/22*	
13C2-PFHxA	*116%*	*70-130*	*Conc: 39.2*		*04/20/22*	
d5-EtFOSAA	*104%*	*70-130*	*Conc: 141*		*04/20/22*	
HFPO-DA-13C3	*113%*	*70-130*	*Conc: 38.2*		*04/20/22*	

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Sample Results

(Continued)

Sample: Well 14A / 22D1189-09, RegID: CA3610001_020_020 Sampled: 04/13/22 9:45 by Client

2D14071-09 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2D1267 **Preparation:** EPA 537/SPE		**Prepared:** 04/19/22 07:27				**Analyst:** jna
11Cl-PF3OUdS	ND	1.7	ng/l	1	04/20/22	
9Cl-PF3ONS	ND	1.7	ng/l	1	04/20/22	
ADONA	ND	1.7	ng/l	1	04/20/22	
EtFOSAA	ND	1.7	ng/l	1	04/20/22	
HFPO-DA	ND	1.7	ng/l	1	04/20/22	
MeFOSAA	ND	1.7	ng/l	1	04/20/22	
PFBS	**2.9**	1.7	ng/l	1	04/20/22	
PFDA	ND	1.7	ng/l	1	04/20/22	
PFDoA	ND	1.7	ng/l	1	04/20/22	
PFHpA	ND	1.7	ng/l	1	04/20/22	
PFHxA	ND	1.7	ng/l	1	04/20/22	
PFHxS	**2.8**	1.7	ng/l	1	04/20/22	
PFNA	ND	1.7	ng/l	1	04/20/22	
PFOA	**2.4**	1.7	ng/l	1	04/20/22	
PFOS	**4.2**	1.7	ng/l	1	04/20/22	
PFTeDA	ND	1.7	ng/l	1	04/20/22	
PFTrDA	ND	1.7	ng/l	1	04/20/22	
PFUnA	ND	1.7	ng/l	1	04/20/22	
Surrogate(s)						
13C2-PFDA	*106%*	*70-130*	*Conc: 35.1*		*04/20/22*	
13C2-PFHxA	*113%*	*70-130*	*Conc: 37.2*		*04/20/22*	
d5-EtFOSAA	*95%*	*70-130*	*Conc: 125*		*04/20/22*	
HFPO-DA-13C3	*108%*	*70-130*	*Conc: 35.6*		*04/20/22*	

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Sample Results

(Continued)

Sample: Well 14A Field Blank / 22D1189-10, RegID: CA3610001_020_020
2D14071-10 (Water)

Sampled: 04/13/22 9:45 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 537.1		**Instr:** LCMS06				
Batch ID: W2D1267 **Preparation:** EPA 537/SPE		**Prepared:** 04/19/22 07:27				**Analyst:** jna
11Cl-PF3OUdS	ND	1.6	ng/l	1	04/20/22	
9Cl-PF3ONS	ND	1.6	ng/l	1	04/20/22	
ADONA	ND	1.6	ng/l	1	04/20/22	
EtFOSAA	ND	1.6	ng/l	1	04/20/22	
HFPO-DA	ND	1.6	ng/l	1	04/20/22	
MeFOSAA	ND	1.6	ng/l	1	04/20/22	
PFBS	ND	1.6	ng/l	1	04/20/22	
PFDA	ND	1.6	ng/l	1	04/20/22	
PFDoA	ND	1.6	ng/l	1	04/20/22	
PFHpA	ND	1.6	ng/l	1	04/20/22	
PFHxA	ND	1.6	ng/l	1	04/20/22	
PFHxS	ND	1.6	ng/l	1	04/20/22	
PFNA	ND	1.6	ng/l	1	04/20/22	
PFOA	ND	1.6	ng/l	1	04/20/22	
PFOS	ND	1.6	ng/l	1	04/20/22	
PFTeDA	ND	1.6	ng/l	1	04/20/22	
PFTrDA	ND	1.6	ng/l	1	04/20/22	
PFUnA	ND	1.6	ng/l	1	04/20/22	
Surrogate(s)						
13C2-PFDA	*113%*	*70-130*	*Conc: 36.8*		*04/20/22*	
13C2-PFHxA	*119%*	*70-130*	*Conc: 39.0*		*04/20/22*	
d5-EtFOSAA	*99%*	*70-130*	*Conc: 130*		*04/20/22*	
HFPO-DA-13C3	*116%*	*70-130*	*Conc: 37.9*		*04/20/22*	

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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: W2D1267 - EPA 537/SPE										
Blank (W2D1267-BLK1)				**Prepared: 04/19/22 Analyzed: 04/20/22**						
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							B-02
HFPO-DA	ND	2.0	ng/l							
MeFOSAA	ND	2.0	ng/l							B-02
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	*43.0*		*ng/l*	*40.0*		*107*	*70-130*			
13C2-PFHxA	*44.9*		*ng/l*	*40.0*		*112*	*70-130*			
d5-EtFOSAA	*170*		*ng/l*	*160*		*106*	*70-130*			
HFPO-DA-13C3	*43.2*		*ng/l*	*40.0*		*108*	*70-130*			
LCS (W2D1267-BS1)				**Prepared: 04/19/22 Analyzed: 04/20/22**						
11Cl-PF3OUdS	77.2	2.0	ng/l	80.0		97	70-130			
9Cl-PF3ONS	78.4	2.0	ng/l	80.0		98	70-130			
ADONA	79.1	2.0	ng/l	80.0		99	70-130			
EtFOSAA	80.9	2.0	ng/l	80.0		101	70-130			
HFPO-DA	82.3	2.0	ng/l	80.0		103	70-130			
MeFOSAA	79.9	2.0	ng/l	80.0		100	70-130			
PFBS	81.2	2.0	ng/l	80.0		101	70-130			
PFDA	81.8	2.0	ng/l	80.0		102	70-130			
PFDoA	81.6	2.0	ng/l	80.0		102	70-130			
PFHpA	82.9	2.0	ng/l	80.0		104	70-130			
PFHxA	83.0	2.0	ng/l	80.0		104	70-130			
PFHxS	81.2	2.0	ng/l	80.0		101	70-130			
PFNA	84.0	2.0	ng/l	80.0		105	70-130			
PFOA	83.3	2.0	ng/l	80.0		104	70-130			
PFOS	80.7	2.0	ng/l	80.0		101	70-130			
PFTeDA	85.1	2.0	ng/l	80.0		106	70-130			
PFTrDA	84.1	2.0	ng/l	80.0		105	70-130			
PFUnA	81.5	2.0	ng/l	80.0		102	70-130			
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: W2D1267 - EPA 537/SPE (Continued)										
LCS (W2D1267-BS1)				**Prepared: 04/19/22**	**Analyzed: 04/20/22**					
Surrogate(s)										
13C2-PFDA	*46.1*		*ng/l*	*40.0*		*115*	*70-130*			
13C2-PFHxA	*47.3*		*ng/l*	*40.0*		*118*	*70-130*			
d5-EtFOSAA	*181*		*ng/l*	*160*		*113*	*70-130*			
HFPO-DA-13C3	*47.5*		*ng/l*	*40.0*		*119*	*70-130*			
LCS Dup (W2D1267-BSD1)				**Prepared: 04/19/22**	**Analyzed: 04/20/22**					
11Cl-PF3OUdS	76.6	2.0	ng/l	80.0		96	70-130	0.8	30	
9Cl-PF3ONS	78.5	2.0	ng/l	80.0		98	70-130	0.1	30	
ADONA	79.1	2.0	ng/l	80.0		99	70-130	0.03	30	
EtFOSAA	81.3	2.0	ng/l	80.0		102	70-130	0.6	30	
HFPO-DA	80.9	2.0	ng/l	80.0		101	70-130	2	30	
MeFOSAA	81.1	2.0	ng/l	80.0		101	70-130	2	30	
PFBS	81.5	2.0	ng/l	80.0		102	70-130	0.5	30	
PFDA	83.0	2.0	ng/l	80.0		104	70-130	2	30	
PFDoA	80.6	2.0	ng/l	80.0		101	70-130	1	30	
PFHpA	82.2	2.0	ng/l	80.0		103	70-130	0.8	30	
PFHxA	83.8	2.0	ng/l	80.0		105	70-130	1	30	
PFHxS	80.7	2.0	ng/l	80.0		101	70-130	0.6	30	
PFNA	84.5	2.0	ng/l	80.0		106	70-130	0.5	30	
PFOA	83.2	2.0	ng/l	80.0		104	70-130	0.1	30	
PFOS	81.1	2.0	ng/l	80.0		101	70-130	0.6	30	
PFTeDA	84.7	2.0	ng/l	80.0		106	70-130	0.4	30	
PFTrDA	84.4	2.0	ng/l	80.0		106	70-130	0.5	30	
PFUnA	82.2	2.0	ng/l	80.0		103	70-130	0.8	30	
Surrogate(s)										
13C2-PFDA	*46.4*		*ng/l*	*40.0*		*116*	*70-130*			
13C2-PFHxA	*47.4*		*ng/l*	*40.0*		*119*	*70-130*			
d5-EtFOSAA	*180*		*ng/l*	*160*		*112*	*70-130*			
HFPO-DA-13C3	*46.4*		*ng/l*	*40.0*		*116*	*70-130*			

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Notes and Definitions

Item	Definition
B-02	This analyte is detected in the method blank below the MRL, but above the method acceptance criteria. The batch was accepted since this analyte was not detected in the sample.
%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

DoD-ELAP ANAB #ADE-2882 • DoD-ISO ANAB # • ELAP-CA #1132 • EPA-UCMR #CA00211 • HW-DOH #4047 • ISO17025 ANAB #L2457.01 • LACSD #10143 • NELAP-OR #4047 • 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

22D1189

2D14071

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
MDL's / J Flags [ ] Yes [✓] No

Turn Around Time [✓] 10 Days [ ] 5 Days [ ] Other __ Days
Subcontract Comments:

Analysis	Comments
Sample ID: Well 1G / 22D1189-01	**Sampled: 04/13/22 10:05 PS Code: CA3610001_016_016** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A) 250mL Poly - Trizma, <6° C (B)	
Sample ID: Well 1G Field Blank / 22D1189-02	**Sampled: 04/13/22 10:05 PS Code:** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A)	
Sample ID: Well 4G / 22D1189-03	**Sampled: 04/13/22 09:32 PS Code: CA3610001_013_013** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A) 250mL Poly - Trizma, <6° C (B)	
Sample ID: Well 4G Field Blank / 22D1189-04	**Sampled: 04/13/22 09:32 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
[signature]	04/14/22 07:45	[signature]	4/14/22 - 8:00
[signature]	4/14/22 - 11:41	[signature]	4/14/22 1141

Samples Received on ( ) Wet Ice ( ) Blue Ice ( ) No Ice

Received Temp 3.1° (F) (C)

T-0234

SUBCONTRACT ORDER

Clinical Laboratory of San Bernardino

22D1189

2D14071

2D14071

Analysis	Comments
Sample ID: Well 3G2 / 22D1189-05	**Sampled: 04/13/22 08:56 PS Code: CA3610001_021_021** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A) 250mL Poly - Trizma, <6° C (B)	
Sample ID: Well 3G2 Field Blank / 22D1189-06	**Sampled: 04/13/22 08:56 PS Code:** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A)	
Sample ID: Well 8G2 / 22D1189-07	**Sampled: 04/13/22 09:18 PS Code: CA3610001_022_022** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A) 250mL Poly - Trizma, <6° C (B)	
Sample ID: Well 8G2 Field Blank / 22D1189-08	**Sampled: 04/13/22 09:18 PS Code:** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A)	
Sample ID: Well 14A / 22D1189-09	**Sampled: 04/13/22 09:45 PS Code: CA3610001_020_020** **Water** **WTX ID:**
EPA 537.1 - Polyfluoroalkyl Substances (PFAS)	
Containers Supplied:	
250mL Poly - Trizma, <6° C (A) 250mL Poly - Trizma, <6° C (B)	
Sample ID: Well 14A Field Blank / 22D1189-10	**Sampled: 04/13/22 09:45 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
Bl Shy	04/14/22 07:45	M. Salazar	4/14/22 - 8:00
M. Soldy	4/14/22 - 11:41	[illegible]	4/14/22 1141

Samples Received on ( ) Wet Ice ( ) Blue Ice ( ) No Ice

Received Temp 3.1° (F) (C)

T-0234

Clinical Laboratory of San Bernardino, Inc.

C-C-20

Chain of Custody

22D1189

Client	PERC Water Company
Address	11780 Air Expressway
	Adelanto, CA 92301
Contact	*Daniel Best*
Phone #	*760-518-1606*
Project	*PFAS/PFOA*
Sub Project	*Wells*
Sampled by	Amanda Wilbur

System Number

3610001

Email Address: dbest@percwater.com

Fax #: (760)518-1606

Reporting Requests:

(X) CLIP
( ) Test Share
(X) CC's To: dbest@percwater.com

Date	Time	Sample Identification	Matrix	Type	Preservatives	Total Chlorine	Free Chlorine	Temp C	537.1 PFAS	537.1 PFAS Field Blank							PS Code
4/13/2021	1005	Well 1G	DW		1.25 Trizma				X	X							CA3610001_016_016
4/13/2021	932	Well 4G	DW		1.25 Trizma				X	X							CA3610001_013_013
4/13/2021	856	Well 3G2	DW		1.25 Trizma				X	X							CA3610001_021_021
4/13/2021	918	Well 8G2	DW		1.25 Trizma				X	X							CA3610001_022_022
4/13/2021	945	Well 14A	DW		1.25 Trizma				X	X							CA3610001_020_020
									2 X 250ML Poly 2/Trizma	250ml Blank into 250ml/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*
	Amanda Wilbur/PERC Water	4/13/22 1023am		PERC
	PERC	4/13/22 1600		Bridget Bunce

Geo-Monitor, Inc. - Samples received: ( ) *On ice* ( ) *Intact* ( ) *Custody seals Temp* 3.7 ( ) *F* ( ) *C*

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

ELAP # 1088