

Project Name: Not Specified

Lab Number: L2301511

Project Number: Not Specified

Report Date: 01/31/23

## SAMPLE RESULTS

Lab ID: L2301511-03  
 Client ID: 03G-PT PATTERSON WELL  
 Sample Location: Not Specified

Date Collected: 01/11/23 07:50  
 Date Received: 01/11/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Dw  
 Analytical Method: 133,537.1  
 Analytical Date: 01/25/23 00:05  
 Analyst: JPW

Extraction Method: EPA 537.1  
 Extraction Date: 01/20/23 16:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab						
Perfluorobutanesulfonic Acid (PFBS)	0.696	J	ng/l	2.00	0.612	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.612	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	2.00	0.612	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.612	1
Perfluorohexanesulfonic Acid (PFHxS)	0.659	J	ng/l	2.00	0.612	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	2.00	0.612	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.612	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.612	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.612	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.612	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	2.00	0.612	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.612	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.612	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.612	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.612	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	2.00	0.612	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.612	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.612	1
PFAS, Total (6)	ND		ng/l	2.00	0.612	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)	102		70-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92		70-130
Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)	96		70-130
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	95		70-130

Project Name: Not Specified

Lab Number: L2301511

Project Number: Not Specified

Report Date: 01/31/23

## SAMPLE RESULTS

Lab ID: L2301511-01  
 Client ID: 04G-PT WALKER WELL  
 Sample Location: Not Specified

Date Collected: 01/11/23 07:30  
 Date Received: 01/11/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Dw  
 Analytical Method: 133,537.1  
 Analytical Date: 01/24/23 23:47  
 Analyst: JPW

Extraction Method: EPA 537.1  
 Extraction Date: 01/20/23 16:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab						
Perfluorobutanesulfonic Acid (PFBS)	1.70	J	ng/l	2.00	0.616	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.616	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	2.00	0.616	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.616	1
Perfluorohexanesulfonic Acid (PFHxS)	2.70		ng/l	2.00	0.616	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	2.00	0.616	1
Perfluorooctanoic Acid (PFOA)	0.997	J	ng/l	2.00	0.616	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.616	1
Perfluorooctanesulfonic Acid (PFOS)	3.62		ng/l	2.00	0.616	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.616	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	2.00	0.616	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.616	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.616	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.616	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.616	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	2.00	0.616	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.616	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.616	1
PFAS, Total (6)	6.32		ng/l	2.00	0.616	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)	100		70-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92		70-130
Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)	99		70-130
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	100		70-130

**Project Name:** PATTERSON WELL**Lab Number:** L2319289**Project Number:** Not Specified**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2319289-02  
 Client ID: 03G PATTERSON WELL  
 Sample Location: PATTERSON WELL SHIRLEY MA

Date Collected: 04/12/23 09:22  
 Date Received: 04/12/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Dw  
 Analytical Method: 133,537.1  
 Analytical Date: 04/21/23 16:26  
 Analyst: LMV

Extraction Method: EPA 537.1  
 Extraction Date: 04/21/23 06:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab</b>						
Perfluorobutanesulfonic Acid (PFBS)	0.831	J	ng/l	2.00	0.603	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.603	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	2.00	0.603	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.603	1
Perfluorohexanesulfonic Acid (PFHxS)	0.831	J	ng/l	2.00	0.603	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	2.00	0.603	1
Perfluorooctanoic Acid (PFOA)	0.795	J	ng/l	2.00	0.603	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.603	1
Perfluorooctanesulfonic Acid (PFOS)	1.44	J	ng/l	2.00	0.603	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.603	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	2.00	0.603	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.603	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.603	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.603	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.603	1
11-Chloroeicosafuoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	2.00	0.603	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.603	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.603	1
PFAS, Total (6)	ND		ng/l	2.00	0.603	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)	85		70-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78		70-130
Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)	98		70-130
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	93		70-130