



NELAP Certification Number: CA00046
DoD-ELAP Certification Number: 4064.01
State Certification Number:

August 24, 2023

Jacob Sutherlund Fibertec Environmental Services 1914 Holloway Drive Holt, MI 48842

RE: PFAS Testing 23G0225

Enclosed are the results of analyses for samples received by our laboratory on 7/21/2023. If you have any questions concerning this report, please feel free to contact me.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. These test results meet all requirements of NELAC and DoD QSM. Release of the hard copy has been authorized by the Laboratory Manager or designee, as verified by the following signature.

Sincerely,

Chue Moua

Project Manager

cmoua@applinc.com

559-862-2155

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Fibertec Environmental Services 1914 Holloway Drive Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Reported: 08/24/2023 12:50

Project: PFAS Testing

Analysis Case Narrative

PFAS: Manual integrations were performed for this method in accordance with APPL's SOP. Chromatograms after manual integration are enclosed for specific samples and analytes. Abbreviated flags for technical justification are listed on the chromatogram.

Some extracted internal standards recovered outside of control limits in some samples; these samples were diluted and recovered in control, unless stated otherwise.

The analyte PFPeS recovered above the upper control limit in the BCG0755-BSD1.

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
23G0225-01	MW-3DD	Water	07/18/2023 09:05	07/21/2023
23G0225-02	MW-3DDD	Water	07/18/2023 10:05	07/21/2023
23G0225-03	MW-8	Water	07/18/2023 11:35	07/21/2023
23G0225-04	MW-8DD	Water	07/18/2023 13:10	07/21/2023
23G0225-05	MW-11	Water	07/18/2023 15:05	07/21/2023
23G0225-06	MW-11DD	Water	07/18/2023 16:25	07/21/2023
23G0225-07	Pump Blank	Water	07/18/2023 13:05	07/21/2023
23G0225-08	Pump Blank b	Water	07/18/2023 17:20	07/21/2023
23G0225-09	WLT Blank	Water	07/18/2023 00:00	07/21/2023

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Sample Results

Sample: MW-3DD

23G0225-01 (Water)

2500225-01 (Water)						Date			Prep
Analyte	Result /	Qual	PQL	MDL	Units	Analyzed	DF	Method	Batch
Per- and Polyfluoroalkyl Substa	ancoc								
<u>-</u>									
PFBA	15		4.0		ng/L	08/19/23	1	537M	BCG0755
PFPeA	13		1.6		ng/L	08/19/23	1	537M	BCG0755
PFHxA	12	MI4	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHpA	7.4		1.6		ng/L	08/19/23	1	537M	BCG0755
PFOA	1.8	MI4	1.6		ng/L	08/19/23	1	537M	BCG0755
PFNA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFDA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFUnA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFDoA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFTrDA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFTeDA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFBS	4.4		1.6		ng/L	08/19/23	1	537M	BCG0755
PFPeS	2.7	MI3	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHxS	1.6	MI4	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHpS	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFOS	ND	MI4,	1.6		ng/L	08/19/23	1	537M	BCG0755
PFNS	ND	,	1.6		ng/L	08/19/23	1	537M	BCG0755
PFDS	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
4:2FTS	ND		2.8		ng/L	08/19/23	1	537M	BCG0755
6:2FTS	4.1		4.0		ng/L	08/19/23	1	537M	BCG0755
8:2FTS	ND		2.8		ng/L	08/19/23	1	537M	BCG0755
PFOSA	ND		2.8		ng/L	08/19/23	1	537M	BCG0755
NMeFOSAA			1.6		_	08/19/23	1	537M	BCG0755
	ND				ng/L			537M	
NETFOSAA	ND		2.4		ng/L	08/19/23	1	537M	BCG0755
HFPO-DA	ND		1.4		ng/L	08/19/23	1	537M	BCG0755
ADONA	ND		1.4		ng/L	08/19/23	1		BCG0755
9CI-PF3ONS	ND		1.4		ng/L	08/19/23	1	537M	BCG0755
11Cl-PF3OUDS	ND		1.4		ng/L	08/19/23		537M	BCG0755
Surrogate: 13C4-PFBA	63.0%		50-150			08/19/23	1	537M	
Surrogate: 13C5-PFPEA	46.9%	S1	50-150			08/19/23	1	537M	
Surrogate: 13C5-PFPEA	116%		50-150			08/19/23	10	537M	
Surrogate: 13C5-PFHXA	78.7%		50-150			08/19/23	1	537M	
Surrogate: 13C4-PFHPA	58.0%		50-150			08/19/23	1	537M	
Surrogate: 13C8-PFOA	102%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C9-PFNA	104%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C6-PFDA	103%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C7-PFUnA	102%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C2-PFDOA	93.0%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C2-PFTEDA	90.1%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C3-PFBS	110%		50-150			08/19/23	1	537M	
Surrogate: 13C3-PFHXS	103%		50-150			08/19/23	1	537M	
Surrogate: 13C8-PFOS	100%		50-150			08/19/23	1	537M	
Surrogate: 13C2-4:2FTS	117%		50-150			08/19/23	1	537M	
Surrogate: 13C2-6:2FTS	110%		50-150			08/19/23	1	537M	
Surrogate: 13C2-8:2FTS	101%		50-150			08/19/23	1	537M	
Surrogate: 13C8-PFOSA	78.6%		<i>50-150</i>			08/19/23	1	537M	

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: MW-3DD (Continued) 23G0225-01 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances	(Continued)							
Surrogate: D3-NMEFOSAA	93.9%	50-150			08/19/23	1	537M	
Surrogate: D5-NETFOSAA	93.4%	50-150			08/19/23	1	537M	
Surrogate: 13C3-HFPO-DA	63.4%	50-150			08/19/23	1	537M	

Fibertec Environmental Services

Project: PFAS Testing
Project Number: A16254

1914 Holloway Drive Holt, MI 48842

Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: MW-3DDD

23G0225-02 (Water)

2500225-02 (Water)						Date			Prep
Analyte	Result /Q	ual	PQL	MDL	Units	Analyzed	DF	Method	Batch
Per- and Polyfluoroalkyl Substa									
PFBA	10		4.0		ng/L	08/19/23	1	537M	BCG0755
PFPeA	6.9		1.6		ng/L	08/19/23	1	537M	BCG0755
PFHxA	6.5		1.6		ng/L	08/19/23	1	537M	BCG0755
PFHpA	2.5	MI5	1.6		ng/L	08/19/23	1	537M	BCG0755
PFOA	2.1	MI4	1.6		ng/L	08/19/23	1	537M	BCG0755
PFNA	ND	MI6,	1.6		ng/L	08/19/23	1	537M	BCG0755
PFDA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFUnA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFDoA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFTrDA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFTeDA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFBS	1.6		1.6		ng/L	08/19/23	1	537M	BCG0755
PFPeS	ND	MI3,	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHxS	ND	MI4,	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHpS	ND	•	1.6		ng/L	08/19/23	1	537M	BCG0755
PFOS	18	MI4	1.6		ng/L	08/19/23	1	537M	BCG0755
PFNS	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFDS	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
4:2FTS	ND		2.9		ng/L	08/19/23	1	537M	BCG0755
6:2FTS	18		4.0		ng/L	08/19/23	1	537M	BCG0755
8:2FTS	ND		2.9		ng/L	08/19/23	1	537M	BCG0755
PFOSA	13		2.9		ng/L	08/19/23	1	537M	BCG0755
NMeFOSAA	ND		1.6		-	08/19/23	1	537M	BCG0755
					ng/L			537M	
NEtFOSAA	15		2.4		ng/L	08/19/23	1	537M	BCG0755
HFPO-DA	ND		1.4		ng/L	08/19/23	1	537M	BCG0755
ADONA	ND		1.4		ng/L	08/19/23	1		BCG0755
9CI-PF3ONS	ND		1.4		ng/L	08/19/23	1	537M	BCG0755
11Cl-PF3OUDS	ND		1.4		ng/L	08/19/23	1	537M	BCG0755
Surrogate: 13C4-PFBA	74.0%		50-150			08/19/23	1	537M	
Surrogate: 13C5-PFPEA	78.3%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C5-PFHXA	98.8%		50-150			08/19/23	1	537M	
Surrogate: 13C4-PFHPA	80.4%		50-150			08/19/23	1	537M	
Surrogate: 13C8-PFOA	98.5%		50-150			08/19/23	1	537M	
Surrogate: 13C9-PFNA	98.4%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C6-PFDA	103%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C7-PFUnA	93.6%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C2-PFDOA	96.3%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C2-PFTEDA	80.8%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C3-PFBS	104%		50-150			08/19/23	1	537M	
Surrogate: 13C3-PFHXS	99.0%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C8-PFOS	97.7%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C2-4:2FTS	112%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C2-6:2FTS	105%		50-150			08/19/23	1	537M	
Surrogate: 13C2-8:2FTS	98.8%		50-150			08/19/23	1	537M	
Surrogate: 13C8-PFOSA	69.9%		50-150			08/19/23	1	537M	
Surrogate: D3-NMEFOSAA	82.1%		50-150			08/19/23	1	537M	

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842

Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: MW-3DDD (Continued)

23G0225-02 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances	(Continued)							
Surrogate: D5-NETFOSAA	81.6%	50-150			08/19/23	1	537M	
Surrogate: 13C3-HFPO-DA	82.2%	<i>50-150</i>			08/19/23	1	537M	

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: MW-8

23G0225-03 (Water)

2500225-05 (Water)						Date			Prep
Analyte	Result /0	Qual	PQL	MDL	Units	Analyzed	DF	Method	Batch
Per- and Polyfluoroalkyl Subst	12 12 12 12 12 12 12 12 12 12 12 12 12 1					-			
PFBA	ND		4.0		ng/L	08/19/23	1	537M	BCG0755
PFPeA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFHxA	ND	MI5,	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHpA	2.9	MI4	1.6		ng/L	08/19/23	1	537M	BCG0755
PFOA	5.6		1.6		ng/L	08/19/23	1	537M	BCG0755
PFNA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFDA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFUnA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFDoA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFTrDA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFTeDA	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFBS	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFPeS	ND	MI4,	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHxS	ND	•	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHpS	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
PFOS	ND	MI3,	1.6		ng/L	08/19/23	1	537M	BCG0755
PFNS	ND	-,	1.6		ng/L	08/19/23	1	537M	BCG0755
PFDS	ND		1.6		ng/L	08/19/23	1	537M	BCG0755
4:2FTS	ND		2.8		ng/L	08/19/23	1	537M	BCG0755
6:2FTS	ND		4.0		ng/L	08/19/23	1	537M	BCG0755
8:2FTS	ND		2.8		ng/L	08/19/23	1	537M	BCG0755
PFOSA	ND ND		2.8		ng/L	08/19/23	1	537M	BCG0755
NMeFOSAA			1.6		_	08/19/23	1	537M	BCG0755
	ND				ng/L			537M	
NEtFOSAA	ND		2.4		ng/L	08/19/23	1	537M	BCG0755
HFPO-DA	ND		1.4		ng/L	08/19/23	1	537M	BCG0755
ADONA	ND		1.4		ng/L	08/19/23	1		BCG0755
9CI-PF3ONS	ND		1.4		ng/L	08/19/23	1	537M	BCG0755
11Cl-PF3OUDS	ND		1.4		ng/L	08/19/23	1	537M	BCG0755
Surrogate: 13C4-PFBA	81.8%		50-150			08/19/23	1	537M	
Surrogate: 13C5-PFPEA	105%		50-150			08/19/23	1	537M	
Surrogate: 13C5-PFHXA	108%		50-150			08/19/23	1	537M	
Surrogate: 13C4-PFHPA	93.0%		50-150			08/19/23	1	537M	
Surrogate: 13C8-PFOA	103%		50-150			08/19/23	1	537M	
Surrogate: 13C9-PFNA	97.0%		50-150			08/19/23	1	537M	
Surrogate: 13C6-PFDA	96.7%		50-150			08/19/23	1	537M	
Surrogate: 13C7-PFUnA	93.4%		50-150			08/19/23	1	537M	
Surrogate: 13C2-PFDOA	87.7%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C2-PFTEDA	89.1%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C3-PFBS	98.2%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C3-PFHXS	101%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C8-PFOS	96.6%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C2-4:2FTS	105%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C2-6:2FTS	105%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C2-8:2FTS	97.6%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C8-PFOSA	99.2%		<i>50-150</i>			08/19/23	1	537M	
Surrogate: D3-NMEFOSAA	93.2%		<i>50-150</i>			08/19/23	1	537M	

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: MW-8 (Continued) 23G0225-03 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances	(Continued)							
Surrogate: D5-NETFOSAA	91.5%	50-150			08/19/23	1	537M	
Surrogate: 13C3-HFPO-DA	86.7%	50-150			08/19/23	1	537M	

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: MW-8DD

23G0225-04 (Water)

Per- and Polyfluoroalkyl Substances Result /Qual PQL MDL Units Analyzed DF Method Batch PPE- and Polyfluoroalkyl Substances 20 4.0 ng/L 08/19/23 1 537M BCG0755 PPEAA 21 1.6 ng/L 08/19/23 1 537M BCG0755 PPHAA 18 MI5 1.6 ng/L 08/19/23 1 537M BCG0755 PPHAA 12 1.6 ng/L 08/19/23 1 537M BCG0755 PPEAA 7.2 1.6 ng/L 08/19/23 1 537M BCG0755 PPEAA ND 1.6 ng/L 08/19/23 1 537M BCG0755 PPEDA ND 1.6 ng/L 08/19/23 1 537M BCG0755 PPEDA ND 1.6 ng/L 08/19/23 1 537M BCG0755 PPEDA ND 1.6 ng/L 08/19/23 1 537	23G0225-04 (Water)						Data			Dron
PEPA AID Polyfluoroalkyl Substances PEPA 20 4.0 ng.L 08/19/23 1 537M BCG0755 PEPAA 12 1.6 ng.L 08/19/23 1 537M BCG0755 PEPAA NO 1.6 ng.L 08/19/23 1 537	Analyte	Result /	Qual	POL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
PFBA	·		-				. ,===			
PFPI-NA										
PPHIDA 18 MIS 1.6 ng/L 08/19/23 1 537M 0CG0755 PPHIDA 12 1.6 ng/L 08/19/23 1 537M 0CG0755 PPHIDA 12 1.6 ng/L 08/19/23 1 537M 0CG0755 PPHIDA ND 1.6 ng/	PFBA					_				
PHIPA	PFPeA	21		1.6		ng/L		1		BCG0755
PPOA	PFHxA	18	MI5	1.6		ng/L	08/19/23	1		BCG0755
PFNA ND 1.6 ng/L 08/19/23 1 537M BCG0755 PFDA ND 1.6 ng/L 08/19/23 1 537M BCG0755 PFBS 13 1 53 M12 1.6 ng/L 08/19/23 1 537M BCG0755 PFBS 13 1 16 ng/L 08/19/23 1 537M BCG0755 PFBS 13 1 16 ng/L 08/19/23 1 537M BCG0755 PFBS 13 1 16 ng/L 08/19/23 1 537M BCG0755 PFBS 1 13 1 1.6 ng/L 08/19/23 1 537M BCG0755 PFBS 1 13 1 1.6 ng/L 08/19/23 1 537M BCG0755 PFBS 1 10 1 1.6 ng/L 08/19/23 1 537M BCG0755 PFBS 1 10 1 1.6 ng/L 08/19/23 1 537M BCG0755 PFBS 1 10 1 1.6 ng/L 08/19/23 1 537M BCG0755 PFBS 1 10 1 1.6 ng/L 08/19/23 1 537M BCG0755 PFBS 1 10 1 1.6 ng/L 08/19/23 1 537M BCG0755 PFBS 1 10 1 1.6 ng/L 08/19/23 1 537M BCG0755 PFBS 1 10 1 1.6 ng/L 08/19/23 1 537M BCG0755 PFBS 1 10 1 1.6 ng/L 08/19/23 1 537M BCG0755 PFBS 1 10 1 1.6 ng/L 08/19/23 1 537M BCG0755 PFBS 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PFHpA	12		1.6		ng/L	08/19/23	1	537M	BCG0755
PFDA ND 1.6 ng/L 08/19/23 1 537M BCG0755 PFUNA ND 1.8 ng/L 08/19/23 1 537M BCG0755 PFUNA ND 2.8 ng/L 08/19/23 1 537M BCG0755 PCPUNA ND 2.8 ng/L 08/19/23 1 537M BCG0755 PCPUNA ND 2.8 ng/L 08/19/23 1 537M BCG0755 PCPUNA ND 1.4	PFOA	7.2		1.6		ng/L	08/19/23	1		BCG0755
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Surrogate: 13C8-PFOSA 94.8% 50-150 08/19/23 1 537M	-									
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אטריבער איזיין איזיי	-									
	Surrugate: DS-NMETUSAA	91.3%		<i>50-150</i>			U8/19/23	1	ויו /כנ	

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842

Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: MW-8DD (Continued) 23G0225-04 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances	(Continued)							
Surrogate: D5-NETFOSAA	87.5%	50-150			08/19/23	1	537M	
Surrogate: 13C3-HFPO-DA	69.5%	<i>50-150</i>			08/19/23	1	537M	

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: MW-11

23G0225-05 (Water)

Analyte	Result/Qual	PQL	MDL Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances				- ,			
· · · · · · · · · · · · · · · · · · ·	ND	4.0	~~!!	08/10/22		537M	DCCOZEE
PFBA		4.0	ng/L	08/19/23	1	537M	BCG0755
PFPeA	2.1	1.6	ng/L	08/19/23	1	537M	BCG0755
PFHxA	2.2	1.6	ng/L	08/19/23	1		BCG0755
PFHpA	ND MI4,	1.6	ng/L	08/19/23	1	537M	BCG0755
PFOA	2.0 MI4	1.6	ng/L	08/19/23	1	537M	BCG0755
PFNA	ND	1.6	ng/L	08/19/23	1	537M	BCG0755
PFDA	ND	1.6	ng/L	08/19/23	1	537M	BCG0755
PFUnA	ND	1.6	ng/L	08/19/23	1	537M	BCG0755
PFDoA	ND	1.6	ng/L	08/19/23	1	537M	BCG0755
PFTrDA	ND	1.6	ng/L	08/19/23	1	537M	BCG0755
PFTeDA	ND	1.6	ng/L	08/19/23	1	537M	BCG0755
PFBS	6.5	1.6	ng/L	08/19/23	1	537M	BCG0755
PFPeS	ND	1.6	ng/L	08/19/23	1	537M	BCG0755
PFHxS	ND MI4,	1.6	ng/L	08/19/23	1	537M	BCG0755
PFHpS	ND	1.6	ng/L	08/19/23	1	537M	BCG0755
PFOS	ND MI3,	1.6	ng/L	08/19/23	1	537M	BCG0755
PFNS	ND	1.6	ng/L	08/19/23	1	537M	BCG0755
PFDS	ND	1.6	ng/L	08/19/23	1	537M	BCG0755
4:2FTS	ND	3.2	ng/L	08/19/23	1	537M	BCG0755
6:2FTS	ND	4.0	ng/L	08/19/23	1	537M	BCG0755
8:2FTS	ND	3.2	ng/L	08/19/23	1	537M	BCG0755
PFOSA	ND	3.2	ng/L	08/19/23	1	537M	BCG0755
NMeFOSAA	ND	1.6	ng/L	08/19/23	1	537M	BCG0755
NEtFOSAA	ND	2.4	ng/L	08/19/23	1	537M	BCG0755
HFPO-DA	ND	1.6	ng/L	08/19/23	1	537M	BCG0755
ADONA	ND	1.6	ng/L	08/19/23	1	537M	BCG0755
9CI-PF3ONS	ND	1.6	ng/L	08/19/23	1	537M	BCG0755
11CI-PF3OUDS	ND	1.6	ng/L	08/19/23	1	537M	BCG0755
Surrogate: 13C4-PFBA	73.0%	50-150		08/19/23	1	537M	
Surrogate: 13C5-PFPEA	138%	50-150		08/19/23	1	537M	
Surrogate: 13C5-PFHXA	137%	<i>50-150</i>		08/19/23	1	537M	
Surrogate: 13C4-PFHPA	122%	<i>50-150</i>		08/19/23	1	537M	
Surrogate: 13C8-PFOA	104%	<i>50-150</i>		08/19/23	1	537M	
Surrogate: 13C9-PFNA	99.0%	50-150		08/19/23	1	537M	
Surrogate: 13C6-PFDA	102%	50-150		08/19/23	1	537M	
Surrogate: 13C7-PFUnA	92.7%	50-150		08/19/23	1	537M	
Surrogate: 13C2-PFDOA	92.6%	50-150		08/19/23	1	537M	
Surrogate: 13C2-PFTEDA	93.8%	50-150		08/19/23	1	537M	
Surrogate: 13C3-PFBS	98.4%	50-150		08/19/23	1	537M	
Surrogate: 13C3-PFHXS	102%	<i>50-150</i>		08/19/23	1	537M 537M	
Surrogate: 13C8-PFOS	95.9%	<i>50-150</i>		08/19/23	1	537M 537M	
Surrogate: 13C2-4:2FTS	120%	<i>50-150</i>		08/19/23	1	537M 537M	
Surrogate: 13C2-6:2FTS	103%	<i>50-150</i>		08/19/23	1	537M 537M	
Surrogate: 13C2-8:2FTS	95.4% 05.3%	50-150 50-150		08/19/23	1	537M	
Surrogate: 13C8-PFOSA Surrogate: D3-NMEEOSAA	95.3% 01.0%	50-150		08/19/23	1 1	537M	
Surrogate: D3-NMEFOSAA	91.0%	<i>50-150</i>		08/19/23	1	JJ/1·1	

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842

Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: MW-11 (Continued) 23G0225-05 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances	(Continued)							
Surrogate: D5-NETFOSAA	86.3%	50-150			08/19/23	1	537M	
Surrogate: 13C3-HFPO-DA	116%	<i>50-150</i>			08/19/23	1	<i>537M</i>	

Fibertec Environmental Services

Project: PFAS Testing
Project Number: A16254

1914 Holloway Drive Holt, MI 48842

Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: MW-11DD

23G0225-06 (Water)

				Date			Prep
Analyte	Result/Qual	PQL	MDL Units	Analyzed	DF	Method	Batch
Per- and Polyfluoroalkyl Substances							
PFBA	ND	4.0	ng/	/L 08/19/23	1	537M	BCG0755
PFPeA	2.6	1.6	ng/		1	537M	BCG0755
PFHxA	2.7 MI4		ng/		1	537M	BCG0755
PFHpA	2.7 MI4 ND MI4,	1.6	ng/ ng/		1	537M	BCG0755 BCG0755
PFOA PFOA	ND M14,	1.6			1	537M	
			ng/			537M	BCG0755
PFNA PEDA	ND ND	1.6	ng/		1	537M 537M	BCG0755
PFDA	ND ND	1.6	ng/		1		BCG0755
PFUnA	ND	1.6	ng/		1	537M 537M	BCG0755
PFDoA	ND	1.6	ng/		1	537M 537M	BCG0755
PFTrDA	ND	1.6	ng/		1	537M 537M	BCG0755
PFTeDA	ND	1.6	ng/		1	537M 537M	BCG0755
PFBS	ND NT	1.6	ng/		1	537M	BCG0755
PFPeS	ND MI4,	1.6	ng/		1	537M	BCG0755
PFHxS	ND	1.6	ng/		1	537M	BCG0755
PFHpS	ND	1.6	ng/		1	537M	BCG0755
PFOS	ND MI3,	1.6	ng/		1	537M	BCG0755
PFNS	ND	1.6	ng/		1	537M	BCG0755
PFDS	ND	1.6	ng/	/L 08/19/23	1	537M	BCG0755
4:2FTS	ND	2.8	ng/	L 08/19/23	1	537M	BCG0755
6:2FTS	ND	4.0	ng/	L 08/19/23	1	537M	BCG0755
8:2FTS	ND	2.8	ng/		1	537M	BCG0755
PFOSA	ND	2.8	ng/		1	537M	BCG0755
NMeFOSAA	ND	1.6	ng/		1	537M	BCG0755
NEtFOSAA	ND	2.4	ng/		1	537M	BCG0755
HFPO-DA	ND	1.4	ng/		1	537M	BCG0755
ADONA	ND	1.4	ng/		1	537M	BCG0755
9CI-PF3ONS	ND	1.4	ng/		1	537M	BCG0755
11CI-PF3OUDS	ND	1.4	ng/		1	537M	BCG0755
						537M	
Surrogate: 13C4-PFBA	72.1%	50-150 50-150		08/19/23	1	537M 537M	
Surrogate: 13C5-PFPEA	98.2% 117%	50-150 50-150		08/19/23 08/19/23	1	537M 537M	
Surrogate: 13C4-PFHIXA	117% 05.5%	50-150 50-150		08/19/23 08/19/23	1	53/M 537M	
Surrogate: 13C4-PFHPA	95.5% 107%	50-150 50-150		08/19/23 08/19/23	1	537M 537M	
Surrogate: 13C9-PFNA	107% 99.2%	50-150 50-150		08/19/23 08/19/23	1 1	537M 537M	
Surrogate: 13C9-PFNA Surrogate: 13C6-PFDA	99.2% 104%	50-150 50-150		08/19/23 08/19/23	1 1	537M 537M	
-		50-150 50-150		08/19/23 08/19/23	1 1	537M 537M	
Surrogate: 13C7-PFUnA Surrogate: 13C2-PFDOA	96.9% 89.7%	<i>50-150</i> <i>50-150</i>		<i>08/19/23</i> <i>08/19/23</i>	1 1	537M 537M	
Surrogate: 13C2-PFDOA Surrogate: 13C2-PFTEDA	89.7% 80.7%	50-150 50-150		08/19/23 08/19/23	1 1	537M 537M	
Surrogate: 13C2-PF-TEDA Surrogate: 13C3-PFBS	80.7% 98.7%	50-150 50-150		08/19/23 08/19/23	1 1	537M	
Surrogate: 13C3-PFHXS Surrogate: 13C3-PFHXS	98.7% 103%	50-150 50-150		08/19/23 08/19/23	1 1	537M	
Surrogate: 13C3-PFHXS Surrogate: 13C8-PFOS	103% 99.8%	50-150 50-150		08/19/23 08/19/23	1	537M	
Surrogate: 13C8-PFOS Surrogate: 13C2-4:2FTS	99.8% 112%	50-150 50-150		08/19/23 08/19/23	1 1	537M	
Surrogate: 13C2-4:2F1S Surrogate: 13C2-6:2FTS	112% 106%	50-150 50-150		08/19/23 08/19/23	1 1	537M	
Surrogate: 13C2-6:2FTS Surrogate: 13C2-8:2FTS	106% 112%	50-150 50-150		08/19/23 08/19/23	1 1	537M	
Surrogate: 13C2-8:2F1S Surrogate: 13C8-PFOSA	112% 103%	50-150 50-150		08/19/23 08/19/23	1 1	537M	
Surrogate: 13C8-PFOSA Surrogate: D3-NMEFOSAA	103% 91.9%	50-150 50-150		08/19/23 08/19/23	1 1	537M	
Juniogale, DJ-Willi OSAA	31.9%	<i>3U-13U</i>		00/19/23	1	22,11	

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: MW-11DD (Continued) 23G0225-06 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances	(Continued)							
Surrogate: D5-NETFOSAA	93.3%	50-150			08/19/23	1	537M	
Surrogate: 13C3-HFPO-DA	99.9%	<i>50-150</i>			08/19/23	1	537M	

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: Pump Blank

23G0225-07 (Water)

Analyte	Result /Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Subs	tances							
PFBA	ND	4.0		ng/L	08/19/23	1	537M	BCG0755
PFPeA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHxA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHpA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFOA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFNA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFDA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFUnA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFDoA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFTrDA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFTeDA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFBS	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFPeS	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHxS	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHpS	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFOS	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFNS	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFDS	ND ND	1.6		-	08/19/23	1	537M	BCG0755
4:2FTS	ND ND	2.9		ng/L	08/19/23	1	537M	BCG0755
				ng/L			537M	
6:2FTS	ND	4.0		ng/L	08/19/23	1	537M	BCG0755
8:2FTS	ND	2.9		ng/L	08/19/23	1	537M	BCG0755
PFOSA	ND ND	2.9		ng/L	08/19/23	1		BCG0755
NMeFOSAA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
NEtFOSAA	ND	2.4		ng/L	08/19/23	1	537M	BCG0755
HFPO-DA	ND	1.4		ng/L	08/19/23	1	537M	BCG0755
ADONA	ND	1.4		ng/L	08/19/23	1	537M	BCG0755
9CI-PF3ONS	ND	1.4		ng/L	08/19/23	1	537M	BCG0755
11CI-PF3OUDS	ND	1.4		ng/L	08/19/23		537M	BCG0755
Surrogate: 13C4-PFBA	108%	<i>50-150</i>			08/19/23	1	<i>537M</i>	
Surrogate: 13C5-PFPEA	103%	<i>50-150</i>			08/19/23	1	<i>537M</i>	
Surrogate: 13C5-PFHXA	93.2%	<i>50-150</i>			08/19/23	1	537M	
Surrogate: 13C4-PFHPA	86.9%	50-150			08/19/23	1	537M	
Surrogate: 13C8-PFOA	99.2%	50-150			08/19/23	1	537M	
Surrogate: 13C9-PFNA	104%	50-150			08/19/23	1	537M	
Surrogate: 13C6-PFDA	103%	50-150			08/19/23	1	537M	
Surrogate: 13C7-PFUnA	99.7%	50-150			08/19/23	1	537M	
Surrogate: 13C2-PFDOA	92.4%	50-150			08/19/23	1	537M 537M	
Surrogate: 13C2-PFTEDA	92.9%	50-150			08/19/23	1	537M	
Surrogate: 13C3-PFBS	108% 103%	<i>50-150</i> <i>50-150</i>			08/19/23 08/19/23	1 1	537M	
Surrogate: 13C3-PFHXS Surrogate: 13C8-PFOS	103% 101%	50-150 50-150			08/19/23 08/19/23		537M	
Surrogate: 13C8-PFOS Surrogate: 13C2-4:2FTS						1 1	537M	
Surrogate: 13C2-4:2FTS Surrogate: 13C2-6:2FTS	124% 112%	<i>50-150</i> <i>50-150</i>			08/19/23 08/19/23	1	537M	
Surrogate: 13C2-8:2FTS	105%	50-150 50-150			08/19/23	1	537M	
Surrogate: 13C8-PFOSA	101%	50-150 50-150			08/19/23	1	537M	
Surrogate: D3-NMEFOSAA	96.2%	50-150 50-150			08/19/23	1	537M	
Sarrogate. DS-NITEL OSMA	30.270	JU-1JU			00/15/23	1		

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842

Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: Pump Blank (Continued)

23G0225-07 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances	(Continued)							
Surrogate: D5-NETFOSAA	94.7%	50-150			08/19/23	1	537M	
Surrogate: 13C3-HFPO-DA	84.3%	50-150			08/19/23	1	537M	

Fibertec Environmental Services

Project: PFAS Testing
Project Number: A16254

1914 Holloway Drive

Holt, MI 48842

Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: Pump Blank b

23G0225-08 (Water)

Analyte	Result /Qual	PQL	MDL Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances							
PFBA	ND	4.0	ng/L	08/19/23	1	537M	BCG0755
PFPeA	ND	1.6	ng/L		1	537M	BCG0755
PFHxA	ND	1.6	ng/L		1	537M	BCG0755
PFHpA	ND	1.6	ng/L		1	537M	BCG0755
PFOA	ND	1.6	ng/L		1	537M	BCG0755
PFNA	ND	1.6	ng/L		1	537M	BCG0755
PFDA	ND	1.6	ng/L		1	537M	BCG0755
PFUnA	ND	1.6	ng/L		1	537M	BCG0755
PFDoA	ND	1.6	ng/L		1	537M	BCG0755
PFTrDA	ND	1.6	ng/L		1	537M	BCG0755
PFTeDA	ND	1.6	ng/L		1	537M	BCG0755
PFBS	ND	1.6	ng/L		1	537M	BCG0755
PFPeS	ND	1.6	ng/L		1	537M	BCG0755
PFHxS	ND ND	1.6	ng/L		1	537M	BCG0755
PFHpS	ND ND	1.6	ng/L		1	537M	BCG0755
PFOS	ND ND	1.6	ng/L		1	537M	BCG0755
PFNS	ND ND	1.6	ng/L		1	537M	BCG0755
PFDS	ND ND	1.6	_		1	537M	BCG0755
4:2FTS	ND ND	2.8	ng/L		1	537M	BCG0755
6:2FTS	ND ND	4.0	ng/L		1	537M	
			ng/L			537M	BCG0755
8:2FTS PFOSA	ND ND	2.8 2.8	ng/L		1 1	537M	BCG0755 BCG0755
			ng/L			537M	
NMeFOSAA NEtFOSAA	ND	1.6 2.4	ng/L		1 1	537M	BCG0755
	ND		ng/L			537M	BCG0755
HFPO-DA	ND	1.4	ng/L		1	537M	BCG0755
ADONA OCL DESONIC	ND	1.4	ng/L		1	537M	BCG0755
9CI-PF3ONS	ND	1.4	ng/L		1	537M	BCG0755
11CI-PF3OUDS	ND	1.4	ng/L	08/19/23	1		BCG0755
Surrogate: 13C4-PFBA	113%	<i>50-150</i>		08/19/23	1	537M	
Surrogate: 13C5-PFPEA	145%	<i>50-150</i>		08/19/23	1	537M	
Surrogate: 13C5-PFHXA	113%	50-150		08/19/23	1	537M	
Surrogate: 13C4-PFHPA	102%	50-150		08/19/23	1	537M	
Surrogate: 13C8-PFOA	102%	50-150		08/19/23	1	537M	
Surrogate: 13C9-PFNA	101%	50-150		08/19/23	1	537M 537M	
Surrogate: 13C6-PFDA	103%	<i>50-150</i>		08/19/23	1		
Surrogate: 13C7-PFUnA	100%	<i>50-150</i>		08/19/23	1	537M 537M	
Surrogate: 13C2-PFDOA	92.1%	50-150 50-150		08/19/23	1	537M	
Surrogate: 13C2-PFTEDA Surrogate: 13C3-PFBS	96.2% 106%	<i>50-150</i> <i>50-150</i>		08/19/23 08/19/23	1 1	537M	
Surrogate: 13C3-PFHXS	103%	50-150 50-150		08/19/23	1	537M	
Surrogate: 13C8-PFOS	102%	<i>50-150</i>		08/19/23	1	537M	
Surrogate: 13C2-4:2FTS	117%	<i>50-150</i>		08/19/23	1	537M	
Surrogate: 13C2-6:2FTS	108%	<i>50-150</i>		08/19/23	1	537M	
Surrogate: 13C2-8:2FTS	102%	<i>50-150</i>		08/19/23	1	537M	
Surrogate: 13C8-PFOSA	78.2%	<i>50-150</i>		08/19/23	1	537M	

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: Pump Blank b (Continued)

23G0225-08 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances	(Continued)							
Surrogate: D5-NETFOSAA	98.2%	50-150			08/19/23	1	537M	
Surrogate: 13C3-HFPO-DA	98.4%	<i>50-150</i>			08/19/23	1	537M	

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: WLT Blank

23G0225-09 (Water)

					Date			Prep
Analyte	Result /Qual	PQL	MDL	Units	Analyzed	DF	Method	Batch
Per- and Polyfluoroalkyl Substa	ances							
PFBA	ND	4.0	_	ng/L	08/19/23	1	537M	BCG0755
PFPeA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHxA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHpA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFOA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFNA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFDA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFUnA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFDoA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFTrDA	ND ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFTeDA	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFBS	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFPeS	ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHxS	ND ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFHpS	ND ND	1.6		ng/L ng/L	08/19/23	1	537M	BCG0755
PFOS	ND ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFNS	ND ND	1.6		ng/L	08/19/23	1	537M	BCG0755
PFDS	ND ND	1.6		ng/L	08/19/23	1	537M	BCG0755
4:2FTS	ND ND	2.7		ng/L ng/L	08/19/23	1	537M	BCG0755 BCG0755
6:2FTS	ND ND	4.0		ng/L ng/L	08/19/23	1	537M	BCG0755 BCG0755
8:2FTS		4.0 2.7			08/19/23	1	537M	BCG0755 BCG0755
8:2FTS PFOSA	ND ND	2.7		ng/L			537M	
	ND ND	2.7 1.6		ng/L	08/19/23	1 1	537M 537M	BCG0755 BCG0755
NMeFOSAA NEtFOSAA	ND ND	1.6 2.4		ng/L	08/19/23 08/19/23	1	537M 537M	
				ng/L		1	537M 537M	BCG0755
HFPO-DA ADONA	ND ND	1.4		ng/L	08/19/23		537M 537M	BCG0755
	ND ND	1.4		ng/L	08/19/23	1	537M 537M	BCG0755
9CI-PF3ONS	ND ND	1.4		ng/L	08/19/23	1	537M 537M	BCG0755
11CI-PF3OUDS	ND	1.4		ng/L	08/19/23	1		BCG0755
Surrogate: 13C4-PFBA	114%	50-150			08/19/23	1	537M	
Surrogate: 13C5-PFPEA	129%	50-150			08/19/23	1	537M	
Surrogate: 13C5-PFHXA	126%	50-150			08/19/23	1	537M	
Surrogate: 13C4-PFHPA	121%	50-150			08/19/23	1	537M	
Surrogate: 13C8-PFOA	98.5%	50-150			08/19/23	1	537M	
Surrogate: 13C9-PFNA	103%	<i>50-150</i>			08/19/23	1	537M 537M	
Surrogate: 13C6-PFDA	105%	<i>50-150</i>			08/19/23	1	537M 537M	
Surrogate: 13C7-PFUnA	101%	50-150 50-150			08/19/23	1	537M 537M	
Surrogate: 13C2-PFDOA	95.7% 07.104	50-150			08/19/23	1	537M 537M	
Surrogate: 13C3-PFRS	97.1% 99.4%	<i>50-150</i> <i>50-150</i>			08/19/23 08/19/23	1 1	537M 537M	
Surrogate: 13C3-PFBS Surrogate: 13C3-PFHXS	99.4% 102%	50-150 50-150			08/19/23 08/19/23	1 1	537M 537M	
Surrogate: 13C3-PFHXS Surrogate: 13C8-PFOS	102% 102%	50-150 50-150			08/19/23 08/19/23	1 1	537M	
Surrogate: 13C8-PFOS Surrogate: 13C2-4:2FTS	115%	50-150 50-150			08/19/23 08/19/23	1	537M	
Surrogate: 13C2-4:2FTS	112%	50-150 50-150			08/19/23	1	537M	
Surrogate: 13C2-8:2FTS	105%	50-150 50-150			08/19/23	1	537M	
Surrogate: 13C8-PFOSA	95.3%	50-150 50-150			08/19/23	1	537M	
Surrogate: D3-NMEFOSAA	96.2%	<i>50-150</i>			08/19/23	1	537M	
<u> </u>					- >,,	_		

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Sample Results (Continued)

Sample: WLT Blank (Continued)

23G0225-09 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances	(Continued)							
Surrogate: D5-NETFOSAA	98.0%	50-150			08/19/23	1	537M	
Surrogate: 13C3-HFPO-DA	118%	<i>50-150</i>			08/19/23	1	537M	

Fibertec Environmental Services

Project: PFAS Testing
Project Number: A16254

1914 Holloway Drive Holt, MI 48842

Project Manager: Jacob Sutherlund

PREPARATION BATCH SUMMARY

537M

Laboratory: APPL, LLC

Client: Fibertec Environmental Services

Batch: BCG0755 Batch Matrix: Water Preparation: 537M

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT mL	FINAL VOL. mL
MW-3DD	23G0225-01	08/14/23 15:00	287.06	2.00
MW-3DD	23G0225-01RE1	08/14/23 15:00	287.06	2.00
MW-3DDD	23G0225-02	08/14/23 15:00	280.25	2.00
MW-8	23G0225-03	08/14/23 15:00	286.25	2.00
MW-8DD	23G0225-04	08/14/23 15:00	282.11	2.00
MW-11	23G0225-05	08/14/23 15:00	251.73	2.00
MW-11DD	23G0225-06	08/14/23 15:00	286.58	2.00
Pump Blank	23G0225-07	08/14/23 15:00	279.96	2.00
Pump Blank b	23G0225-08	08/14/23 15:00	289.03	2.00
WLT Blank	23G0225-09	08/14/23 15:00	293.50	2.00
Blank	BCG0755-BLK1	08/14/23 15:00	250.00	2.00
LCS	BCG0755-BS1	08/14/23 15:00	250.00	2.00
LCS Dup	BCG0755-BSD1	08/14/23 15:00	250.00	2.00
MRL Check	BCG0755-MRL1	08/14/23 15:00	250.00	2.00

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Quality Control

Per- and Polyfluoroalkyl Substances

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Method: 537M										
Batch: BCG0755 - 537M										
Blank (BCG0755-BLK1)					Prepared: 08	3/14/23 15:00	Analyzed: 0	8/18/23 19:5	3	
PFBA	ND	4.0		ng/L	·		,			
PFPeA	ND	1.6		ng/L						
PFHxA	ND	1.6		ng/L						
PFHpA	ND	1.6		ng/L						
PFOA	ND	1.6		ng/L						
PFNA	ND	1.6		ng/L						
PFDA	ND	1.6		ng/L						
PFUnA	ND	1.6		ng/L						
PFDoA	ND	1.6		ng/L						
PFTrDA	ND	1.6		ng/L						
PFTeDA	ND	1.6		ng/L						
PFBS	ND	1.6		ng/L						
PFPeS	ND	1.6		ng/L						
PFHxS	ND	1.6		ng/L						
PFHpS	ND	1.6		ng/L						
PFOS	ND	1.6		ng/L						
PFNS	ND	1.6		ng/L						
PFDS	ND	1.6		ng/L						
4:2FTS	ND	3.2		ng/L						
6:2FTS	ND	4.0		ng/L						
8:2FTS	ND	3.2		ng/L						
PFOSA	ND	3.2		ng/L						
NMeFOSAA	ND	1.6		ng/L						
NEtFOSAA	ND	2.4		ng/L						
HFPO-DA	ND	1.6		ng/L						
ADONA ASI PERANG	ND	1.6		ng/L						
9CI-PF3ONS	ND	1.6		ng/L						
11CI-PF3OUDS	ND	1.6		ng/L						
Surrogate: 13C4-PFBA	65.9			ng/L	64.0		103	50-150		
Surrogate: 13C5-PFPEA	38.3			ng/L	32.0		120	50-150		
Surrogate: 13C5-PFHXA	19.6			ng/L	16.0		123	50-150		
Surrogate: 13C4-PFHPA	18.7			ng/L	16.0		117	50-150		
Surrogate: 13C8-PFOA	16.6			ng/L	16.0		104	50-150		
Surrogate: 13C9-PFNA	7.92			ng/L	8.00		99.0	50-150		
Surrogate: 13C6-PFDA	8.51			ng/L	8.00		106	50-150 50-150		
Surrogate: 13C7-PFUnA	8.25			ng/L	8.00 8.00		103	50-150 50-150		
Surrogate: 13C2-PFDOA Surrogate: 13C2-PFTEDA	7.86 8.05			ng/L ng/L	8.00 8.00		98.2 101	<i>50-150</i> <i>50-150</i>		
Surrogate: 13C3-PFBS	8.05			ng/L ng/L	8.00 16.0		101 121	50-150 50-150		
Surrogate: 13C3-PFHXS	19.4 16.6			ng/L ng/L	16.0 16.0		121 104	50-150 50-150		
Surrogate: 13C8-PFOS	15.9			ng/L ng/L	16.0 16.0		99.6	50-150 50-150		
Surrogate: 13C2-4:2FTS	15.9 37.4			ng/L	32.0		99.0 117	<i>50-150</i>		
Surrogate: 13C2-4.2FTS	37.4 36.2			ng/L	32.0 32.0		113	<i>50-150</i>		
Surrogate: 13C2-8:2FTS	36.2 34.1			ng/L	32.0		115 106	<i>50-150</i>		
Surrogate: 13C8-PFOSA	16.4			ng/L	<i>16.0</i>		102	<i>50-150</i>		
Surrogate: D3-NMEFOSAA	31.1			ng/L	32.0		97.3	<i>50-150</i>		
Surrogate: D5-NETFOSAA	31.1 30.6			ng/L	32.0 32.0		95.7	<i>50-150</i>		
Surrogate. DS-NETI OSPM	30.0			rig/L	32.0		93.1	JU-1JU		

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Quality Control (Continued)

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Blank (BCG0755-BLK1)					Prepared: 08	8/14/23 15:00	Analyzed: 0	08/18/23 19:5	3	
Surrogate: 13C3-HFPO-DA	72.7			ng/L	64.0		114	50-150		
LCS (BCG0755-BS1)					Prepared: 08	3/14/23 15:00	Analyzed: 0	08/18/23 20:0	6	
PFBA	33.2			ng/L	32.0		104	73-129		
PFPeA	16.8			ng/L	16.0		105	72-129		
PFHxA	8.40			ng/L	8.00		105	72-129		
PFHpA	8.45			ng/L	8.00		106	72-130		
PFOA	8.62			ng/L	8.00		108	71-133		
PFNA	8.50			ng/L	8.00		106	69-130		
PFDA	8.51			ng/L	8.00		106	71-129		
PFUnA	8.17			ng/L	8.00		102	69-133		
PFDoA	8.28			ng/L	8.00		103	72-134		
PFTrDA	8.26			ng/L	8.00		103	65-144		
PFTeDA	8.56			ng/L	8.00		107	71-132		
PFBS	7.70			ng/L	7.08		109	72-130		
PFPeS	7.64			ng/L	7.52		102	71-127		
PFHxS	7.54			ng/L	7.32		103	68-131		
PFHpS	8.20			ng/L	7.64		107	69-134		
PFOS	7.71 MI4			ng/L	7.44		104	65-140		
PFNS	7.89			ng/L	7.68		103	69-127		
PFDS	7.81			ng/L	7.72		101	53-142		
4:2FTS	35.2			ng/L	30.0		117	63-143		
6:2FTS	33.8			ng/L	30.4		111	64-140		
8:2FTS	34.0			ng/L	30.7		111	67-138		
PFOSA	8.78			ng/L	8.00		110	67-137		
NMeFOSAA	8.23			ng/L	8.00		103	65-136		
NEtFOSAA	8.33			ng/L	8.00		104	61-135		
HFPO-DA	9.06			ng/L	8.00		113	44-175		
ADONA	7.80			ng/L	7.56		103	61-169		
9CI-PF3ONS	7.87			ng/L	7.48		105	62-140		
11CI-PF3OUDS	7.42			ng/L	7.56		98.1	54-138		
Surrogate: 13C4-PFBA	68.6			ng/L	64.0		107	50-150		
Surrogate: 13C5-PFPEA	40.9			ng/L	32.0		128	50-150		
Surrogate: 13C5-PFHXA	19.7			ng/L	16.0		123	50-150		
Surrogate: 13C4-PFHPA	18.4			ng/L	16.0		115	50-150		
Surrogate: 13C8-PFOA	16.3			ng/L	16.0		102	50-150		
Surrogate: 13C9-PFNA	8.57			ng/L	8.00		107	50-150		
Surrogate: 13C6-PFDA	8.10			ng/L	8.00		101	50-150		
Surrogate: 13C7-PFUnA	8.33			ng/L	8.00		104	50-150		
Surrogate: 13C2-PFDOA	7.81			ng/L	8.00		97.6	50-150		
Surrogate: 13C2-PFTEDA	7.61			ng/L	8.00		95.1	50-150		
Surrogate: 13C3-PFBS	17.0			ng/L	16.0		106	50-150		
Surrogate: 13C3-PFHXS	17.1			ng/L	16.0		107	50-150		
Surrogate: 13C8-PFOS	16.7			ng/L	16.0		104	50-150		
Surrogate: 13C2-4:2FTS	37.6			ng/L	32.0		118	50-150		
Surrogate: 13C2-6:2FTS	37.1			ng/L	32.0		116	50-150		
Surrogate: 13C2-8:2FTS	34.4			ng/L	32.0		108	50-150		
Surrogate: 13C8-PFOSA	14.7			ng/L	16.0		91.9	50-150		
Surrogate: D3-NMEFOSAA	32.4			ng/L	32.0		101	50-150		
Surrogate: D5-NETFOSAA	32.1			ng/L	32.0		100	50-150		
caogaici Do HEH OSAA	32.1			119/L	52.0		100	30 130		

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Quality Control (Continued)

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BCG0755-BS1)					Prepared: 08	8/14/23 15:00	Analyzed: 0	8/18/23 20:	06	
Surrogate: 13C3-HFPO-DA	73.5			ng/L	64.0		115	50-150		
LCS Dup (BCG0755-BSD1)					Prepared: 08	3/14/23 15:00	Analyzed: 0	8/18/23 20:	18	
PFBA	32.9			ng/L	32.0		103	73-129	1.09	30
PFPeA	16.8			ng/L	16.0		105	72-129	0.209	30
PFHxA	7.61			ng/L	8.00		95.1	72-129	9.96	30
PFHpA	8.63			ng/L	8.00		108	72-130	2.15	30
PFOA	8.68			ng/L	8.00		108	71-133	0.646	30
PFNA	8.48			ng/L	8.00		106	69-130	0.289	30
PFDA	8.49			ng/L	8.00		106	71-129	0.253	30
PFUnA	8.47			ng/L	8.00		106	69-133	3.53	30
PFDoA	8.71			ng/L	8.00		109	72-134	5.01	30
PFTrDA	8.82			ng/L	8.00		110	65-144	6.49	30
PFTeDA	8.69			ng/L	8.00		109	71-132	1.60	30
PFBS	7.45			ng/L	7.08		105	72-130	3.22	30
PFPeS	9.82 BS2			ng/L	7.52		131	71-127	25.0	30
PFHxS	7.70 MI5			ng/L	7.32		105	68-131	2.13	30
PFHpS	8.44			ng/L	7.64		110	69-134	2.89	30
PFOS	7.76			ng/L	7.44		104	65-140	0.597	30
PFNS	8.07			ng/L	7.68		105	69-127	2.24	30
PFDS	8.15			ng/L	7.72		106	53-142	4.23	30
4:2FTS	35.4			ng/L	30.0		118	63-143	0.658	30
6:2FTS	33.5			ng/L	30.4		110	64-140	1.07	30
8:2FTS	34.0			ng/L	30.7		111	67-138	0.105	30
PFOSA	8.58			ng/L	8.00		107	67-137	2.27	30
NMeFOSAA	8.21			ng/L	8.00		103	65-136	0.245	30
NEtFOSAA	7.90			ng/L	8.00		98.8	61-135	5.20	30
HFPO-DA	11.3			ng/L	8.00		141	44-175	21.8	30
ADONA	7.92			ng/L	7.56		105	61-169	1.50	30
9CI-PF3ONS	7.77			ng/L	7.48		104	62-140	1.22	30
11CI-PF3OUDS	7.55			ng/L	7.56		99.9	54-138	1.79	30
Surrogate: 13C4-PFBA	62.7			ng/L	64.0		97.9	50-150		
Surrogate: 13C5-PFPEA	36.1			ng/L	32.0		113	<i>50-150</i>		
Surrogate: 13C5-PFHXA	17.6			ng/L	16.0		110	<i>50-150</i>		
Surrogate: 13C4-PFHPA	16.6			ng/L	16.0		104	<i>50-150</i>		
Surrogate: 13C8-PFOA	17.9			ng/L	16.0		112	<i>50-150</i>		
Surrogate: 13C9-PFNA	8.40			ng/L	8.00		105	<i>50-150</i>		
Surrogate: 13C6-PFDA	8.27			ng/L	8.00		103	<i>50-150</i>		
Surrogate: 13C7-PFUnA	8.13			ng/L	8.00		102	<i>50-150</i>		
Surrogate: 13C2-PFDOA	7.51			ng/L	8.00		93.9	<i>50-150</i>		
Surrogate: 13C2-PFTEDA	7.59			ng/L	8.00		94.9	<i>50-150</i>		
Surrogate: 13C3-PFBS	16.6			ng/L	16.0		104	<i>50-150</i>		
Surrogate: 13C3-PFHXS	16.4			ng/L	16.0		103	<i>50-150</i>		
Surrogate: 13C8-PFOS	15.9			ng/L	16.0		99.6	<i>50-150</i>		
Surrogate: 13C2-4:2FTS	35.5			ng/L	32.0		111	<i>50-150</i>		
Surrogate: 13C2-6:2FTS	36.2			ng/L	32.0		113	<i>50-150</i>		
Surrogate: 13C2-8:2FTS	33.3			ng/L	32.0		104	<i>50-150</i>		
Surrogate: 13C8-PFOSA	12.0			ng/L	16.0		75.2	<i>50-150</i>		
Surrogate: D3-NMEFOSAA	29.9			ng/L	32.0		93.4	<i>50-150</i>		
_							55	30 130		

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Quality Control (Continued)

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS Dup (BCG0755-BSD1)					Prepared: 08	8/14/23 15:00	Analyzed: 0	08/18/23 20:1	8	
Surrogate: 13C3-HFPO-DA	64.7			ng/L	64.0		101	50-150		
MRL Check (BCG0755-MRL1)					Prepared: 08	3/14/23 15:00	Analyzed: 0	08/18/23 20:3	1	
PFBA	5.79			ng/L	6.40		90.5	73-129		
PFPeA	3.26			ng/L	3.20		102	72-129		
PFHxA	1.56			ng/L	1.60		97.2	72-129		
PFHpA	1.72			ng/L	1.60		108	72-130		
PFOA	1.81			ng/L	1.60		113	71-133		
PFNA	1.62			ng/L	1.60		101	69-130		
PFDA	1.63			ng/L	1.60		102	71-129		
PFUnA	1.60			ng/L	1.60		99.9	69-133		
PFDoA	1.55			ng/L	1.60		96.6	72-134		
PFTrDA	1.56			ng/L	1.60		97.8	65-144		
PFTeDA	1.56			ng/L	1.60		97.4	71-132		
PFBS	1.07			ng/L	1.42		75.3	72-130		
PFPeS	1.58			ng/L	1.50		105	71-127		
PFHxS	1.50 MI5			ng/L	1.46		102	68-131		
PFHpS	1.49			ng/L	1.53		97.5	69-134		
PFOS	1.56 MI5			ng/L	1.49		105	65-140		
PFNS	1.50			ng/L	1.54		97.6	69-127		
PFDS	1.48			ng/L	1.54		96.0	53-142		
4:2FTS	6.79			ng/L	6.00		113	63-143		
6:2FTS	6.67			ng/L	6.08		110	64-140		
8:2FTS	6.38			ng/L	6.14		104	67-138		
PFOSA	1.88, J			ng/L	1.60		117	67-137		
NMeFOSAA	1.52			ng/L	1.60		95.2	65-136		
NEtFOSAA	1.60			ng/L	1.60		100	61-135		
HFPO-DA	1.63			ng/L	1.60		102	44-175		
ADONA	1.51 , J			ng/L	1.51		99.7	61-169		
9CI-PF3ONS	1.49 , J			ng/L	1.50		99.8	62-140		
11CI-PF3OUDS	1.44 , J			ng/L	1.51		95.1	54-138		
Surrogate: 13C4-PFBA	71.8			ng/L	64.0		112	50-150		
Surrogate: 13C5-PFPEA	39.8			ng/L	32.0		124	<i>50-150</i>		
Surrogate: 13C5-PFHXA	19.8			ng/L	16.0		124	<i>50-150</i>		
Surrogate: 13C4-PFHPA	17.6			ng/L	16.0		110	<i>50-150</i>		
Surrogate: 13C8-PFOA	16.8			ng/L	16.0		105	<i>50-150</i>		
Surrogate: 13C9-PFNA	8.10			ng/L	8.00		101	<i>50-150</i>		
Surrogate: 13C6-PFDA	8.33			ng/L	8.00		104	<i>50-150</i>		
Surrogate: 13C7-PFUnA	8.28			ng/L	8.00		103	<i>50-150</i>		
Surrogate: 13C2-PFDOA	7.73			ng/L	8.00		96.6	50-150		
Surrogate: 13C2-PFTEDA	7.82			ng/L	8.00		97.8	<i>50-150</i>		
Surrogate: 13C3-PFBS	22.2			ng/L	16.0		139	<i>50-150</i>		
Surrogate: 13C3-PFHXS	16.8			ng/L	16.0		105	<i>50-150</i>		
Surrogate: 13C8-PFOS	16.2			ng/L	16.0		101	<i>50-150</i>		
Surrogate: 13C2-4:2FTS	38.1			ng/L	32.0		119	<i>50-150</i>		
Surrogate: 13C2-6:2FTS	34.8			ng/L	32.0		109	<i>50-150</i>		
Surrogate: 13C2-8:2FTS	33.6			ng/L	32.0		105	<i>50-150</i>		
Surrogate: 13C8-PFOSA	14.7			ng/L	16.0		92.0	50-150		
Surrogate: D3-NMEFOSAA	29.8			ng/L	32.0		93.1	50-150		
Surrogate: D5-NETFOSAA	29.6			ng/L	32.0		92.6	50-150		
-	25.5			٥,	-		-			

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842

Project Manager: Jacob Sutherlund

Quality Control (Continued)

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
MRL Check (BCG0755-MRL1)					Prepared: 08	3/14/23 15:00	Analyzed: 0	08/18/23 20:3	31	
Surrogate: 13C3-HFPO-DA	71.9			ng/L	64.0		112	50-150		

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

Notes and Definitions

<u>Item</u>	<u>Definition</u>
BS2	Blank spike recovered above the upper control limit
J	Estimated value
MI3	Manual integration, peaks split
MI4	Manual integration, peak unsplit
MI5	Manual integration, whole peak was not integrated
MI6	Manual integration, wrong peak integrated
S1	Surrogate recovered below the lower control limit
U	Not detected
Dry	Sample results reported on a dry weight basis.
MDL	Method Detection Limit (only displays if reported to the MDL)
ND	Analyte NOT DETECTED at or above the reporting limit.
DF	Dilution Factor
DL	Detection Limit
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
PQL, Practical	Quantitation Limit = Method Reporting Limit (MRL).

Fibertec Environmental Services

1914 Holloway Drive Holt, MI 48842

Project: PFAS Testing Project Number: A16254

Project Manager: Jacob Sutherlund Reported: 08/24/2023 12:50



WORK ORDER

23G0225

Printed: 08/24/2023 12:51 pm

Project: PFAS Testing Project Number: A16254 **Project Manager: Chue Moua**

PO Number: NA

Report To:

Fibertec Environmental Services Jacob Sutherlund 1914 Holloway Drive Holt, MI 48842 Phone: (517) 699-0345 Fax: (517) 699-0388

Date Received: 07/21/2023 01:00 PM Date Due: 08/04/2023 (10.00 day TAT) **Invoice To:**

Fibertec Environmental Services

Kathy Jones

1914 Holloway Drive Holt, MI 48842

Phone: (517) 699-0345 Fax: (517) 699-0388

Logged In By: Steven Crupi Received By: Yuriko Rodriguez

Analysis		Comments	
23G0225-01 MW-3DD [W	ater] Sampled 7/18/2023 9:05:00AM		
B-15 DOD	28-compound list	select version	
23G0225-02 MW-3DDD [Water] Sampled 7/18/2023 10:05:00AM		
B-15 DOD	28-compound list	select version	
23G0225-03 MW-8 [Wate	er] Sampled 7/18/2023 11:35:00AM		
B-15 DOD	28-compound list	select version	
23G0225-04 MW-8DD [W	ater] Sampled 7/18/2023 1:10:00PM		
B-15 DOD	28-compound list	select version	
23G0225-05 MW-11 [Wai	ter] Sampled 7/18/2023 3:05:00PM		
B-15 DOD	28-compound list	select version	
23G0225-06 MW-11DD [\	Water] Sampled 7/18/2023 4:25:00PM		
B-15 DOD	28-compound list	select version	
23G0225-07 Pump Blank	[Water] Sampled 7/18/2023 1:05:00PM		
B-15 DOD	28-compound list	select version	
23G0225-08 Pump Blank	b [Water] Sampled 7/18/2023 5:20:00PM		
B-15 DOD	28-compound list	select version	
23G0225-09 WLT Blank [Water] Sampled 7/18/2023 12:00:00AM		
B-15 DOD	28-compound list	select version	

Fibertec Environmental Services

Project: PFAS Testing

1914 Holloway Drive

Project Number: A16254

Holt, MI 48842 Project Manager: Jacob Sutherlund

23G0225

Sample Receipt Log

Default Cooler

Samples Received at: -4.2°C

Custody Seals	Voc		
Custody Seals	Yes	Were all containers sealed in separate bags?	Yes
Containers Intact	Yes	Did all containers arrive in good condition?	Yes
COC/Labels Agree	Yes	Correct containers/preserv. for tests indicated?	Yes
Preservation Confirmed	Yes	Sufficient volume sent for tests requested?	Yes
Received On Ice	Yes	Were bubbles absent in volatile samples?	No
Was a chain of custody received?	Yes	Sufficient remaining holding time for analyses?	Yes
COCs complete/signed in the appropriate places?	Yes	pH of non-VOA preserved containers documented?	No
Sample labels complete? Sample ID, date/time, etc.	Yes	Unpreserved vials received for VOA analysis?	No
Did all container labels agree with COCs?	Yes	If "yes", are unpreserved VOA vials noted on Work	No

2360225

Industrial Hygiene Services, Inc.

1914 Holloway Drive Holf, MI 48842

Phone: 517 699 0345 Fax: 517 699 0382

email: asbestos@fibertecihs.com

11766 E. Grand River Rd. Brighton, MI 48116

Phone: 810 220 3300

Fax: 810 220 3311

Geoprobe

Temp

-1.6
300 Mec 7/2-1/83
-4.2 Chain of Custody #
212942-5

PAGE 1 of 1

Analytical Laboratory 1914 Holloway Drive 8660 S. Mackinaw Trail Holf, MI 48842 Cadillac, MI 49601 environmental services Phone: 517 699 0345 Phone: 231 775 8368 Fax: 517 699 0388 Fax: 231 775 8584 email: lab@fibertec.us

Client Nam	e: Fiberte	C								PAR	AMETER	S			Matrix Code Deliverables
Contact Pe	erson: Jaco	b Suthe	erlund				*								S Soil Gw Ground Water Level 2
	me/ Number:			CODE)										<u> </u>	A Air Sw Surface Water Level 3 UND Oil Ww Waste Water Level 4
Email distrik	oution list: La	b Emai	I	H CORNER FOR	# OF CONTAINERS		537.1 MOD							a IdMAN	P Wipe X Other: Specify EDD
Quote#		0300000		SEE RIGI	ATNO		3.5]]	*See attached Remarks: Compound List
Purchase C	Order#			MATRIX (PFCC		PFAS								Gom Pay and Link
Date	Time	Sample #	Client Sample Descriptor		_	1	۵		$\bot\bot$	\perp			_	_	Remarks: CU/11 PCM 1/U CAS 1
7/18/23	9:05		MW-3DD	GW	3	\perp	√						\perp		
7/18/23	10:05		MW-3DDD	GW	3		1		$\perp \perp$						
7/18/23	11:35		MW-8	GW	3		√								
7/18/23	13:10		MW-8DD	GW	3		1								
7/18/23	15:05		MW-11	GW	3		1								
7/18/23	16:25		MW-11DD	GW	3	T	1								
7/18/23	13:05		Pump Blank	GW	3		√			T					
7/18/23	17:20		Pump Blank B	GW	3		1								
7/18/23	17:10		WLT Blank												
Comments	:														
Sampled/R	telinquished B	y:		Date	e/ Tin	ne				Re	ceived	By:	odr	que	27-21-23 Tom 1300
Relinquishe	ed By:			Date	e/ Tin	ne				Re	ceived	Ву:		•	* **
Relinquishe	ed By:			Date	e/ Tin	ne				Re	ceived	By Lal	oorato	ry:	
		Tur	naround Time ALL RESULTS WILL BE SENT BY THE END O	THE B	USIN	ESS D	AY								LAB USE ONLY
1 b	ius. day	2	bus. days3 bus. days		4	bus.	days						Fibe	rtec p	project number:
* _5-7	bus. days (sto	ndard)	Other (specify time/date requirement): S	TAN	DA	ARD) [Bla	REK	D			Tem	perat	ture upon receipt at Lab:
			Pleas	e see	e b	ack	fo	r te	rms ai	nd c	ondi	tions	5		
/															

Fibertec			Appl	
Foam & Non-Potable Water	ier		Non-Potable Water	Water
EPA 537.1 M (Modiffed)			B-15 / 537.1 N	537.1 Modified
Test Name PFAS-TZM			Test Name: PFAS	le:
R Parameter n	RDL ng/L		Parameter	RDL ng/L
11CI-PF3OUdS	1	7	11CI-PF3OUdS	1.6
	1	2	9CI-PF3ONS	1.6
	1	ю	ADONA	1.6
	1	4	FtS 4:2	3.2
	1	5	FtS 6:2	3.2
	1	9	FtS 8:2	3.2
	1	7	HFPO-DA	1.6
	1	8	N-EtFOSAA	0.8
N-MeFOSAA	1	6	N-MeFOSAA	0.8
	1	10	PFBA	3.2
	1	11	PFBS	0.8
	1	12	PFDA	0.8
	н	13	PFDoA	0.8
	1	14	PFDS	0.8
	1	15	РЕНрА	0.8
	1	16	PFHpS	0.8
	1	17	РЕНХА	0.8
PFHxS-Total	1	18	PFHxS-Total	0.8
	1	19	PFNA	0.8
	1	20	PFNS	0.8
	1	21	PFOA	0.8
	1	22	PFOS-Total	0.8
	1	23	PFOSA	0.8
	1	24	PFPeA	1.6
	1	25	PFPeS	0.8
PFTeA (PFTeDA)	П	26	PFTeA (PFTeDA)	0.8
PFTriA (PFTrDA)	Н	27	PFTriA (PFTrDA)	0.8
	н	28	PFUnA	0.8