



Tuesday, May 18, 2021

Fibertec Project Number: A01461  
Project Identification: 74276 /74276  
Submittal Date: 04/26/2021

Ms. Deb Hoffner  
Brighton Analytical, Inc.  
2105 Pless Drive  
Brighton, MI 48114

Dear Ms. Hoffner,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed in accordance with NELAC standards and the results compiled in the attached report. Any exceptions to NELAC compliance are noted in the report. These results apply only to those samples submitted. Please note TO-15 samples will be disposed of 7 calendar days after the reporting date. All other samples will be disposed of 30 days after the reporting date.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345.

Sincerely,

A handwritten signature in black ink that reads "Stacy Kotecki". The signature is written in a cursive, flowing style.

*By Stacy Kotecki at 4:45 PM, May 18, 2021*

For Daryl P. Strandbergh  
Laboratory Director

Enclosures

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**Analytical Laboratory Report**  
**Laboratory Project Number: A01461**  
**Laboratory Sample Number: A01461-001**

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Date: 05/18/21

Client Identification:	<b>Brighton Analytical, Inc.</b>	Sample Description:	<b>C006044</b>	Chain of Custody:	<b>NA</b>
Client Project Name:	<b>74276</b>	Sample No:		Collect Date:	<b>04/23/21</b>
Client Project No:	<b>74276</b>	Sample Matrix:	<b>Soil/Solid</b>	Collect Time:	<b>NA</b>
Sample Comments:	<b>Soil results have been calculated and reported on a dry weight basis unless otherwise noted.</b>				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Water (Moisture) Content Dried at 105 ± 5°C						Aliquot ID: A01461-001		Matrix: Soil/Solid			
Method: ASTM D2216-10						Description: C006044					
						Preparation		Analysis			
Parameter(s)		Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1.Percent Moisture (Water Content)		97		%	1	1.0	05/14/21	MC210514	05/17/21	MC210514	LET

PFAS					Aliquot ID: A01461-001		Matrix: Soil/Solid			
Method: ASTM D7968-17a					Description: C006044					
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1.ADONA	U		ng/kg	1500	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	BDA
‡ 2.9CI-PF3ONS	U		ng/kg	1500	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	BDA
‡ 3.11CI-PF3OUdS	U	EIS-	ng/kg	1500	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	BDA
‡ 4.N-EtFOSAA	2500		ng/kg	1500	2.0	05/06/21	PS21D30E	05/11/21	SM21E10B	SKG
‡ 5.FtS 4:2	U		ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 6.FtS 6:2	U		ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 7.FtS 8:2	780		ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 8.HFPO-DA	U	ISC-	ng/kg	37000	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	BDA
‡ 9.N-MeFOSAA	7100		ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 10.PFBA	U		ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 11.PFBS	U		ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 12.PFDA	6800		ng/kg	2900	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 13.PFDoA	3400	EIS-	ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 14.PFDS	U	EIS-	ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 15.PFHpA	U		ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 16.PFHpS	U		ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 17.PFHxA	2000		ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 18.PFHxS-Total	U		ng/kg	870	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 19.PFNA	1100		ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 20.PFNS	U		ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 21.PFOA	3400		ng/kg	2900	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 22.PFOSA	2100		ng/kg	1500	2.0	05/06/21	PS21D30E	05/11/21	SM21E10B	SKG
‡ 23.PFOS-Total	5200		ng/kg	910	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 24.PFPeA	U		ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 25.PFPeS	U		ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 26.PFTeA	U	EIS-	ng/kg	2900	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 27.PFTriA	850	F-	ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG
‡ 28.PFUnA	2000		ng/kg	730	1.0	04/30/21	PS21D30E	05/03/21	SM21E03A	SKG

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**Definitions/ Qualifiers:**

- A:** Spike recovery or precision unusable due to dilution.  
**B:** The analyte was detected in the associated method blank.  
**E:** The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.  
**J:** The concentration is an estimated value.  
**M:** Modified Method  
**U:** The analyte was not detected at or above the reporting limit.  
**X:** Matrix Interference has resulted in a raised reporting limit or distorted result.  
**W:** Results reported on a wet-weight basis.  
**\*:** Value reported is outside QC limits

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**Exception Summary:**

- EIS-** : The Isotope Dilution/Extracted Internal Standard area exceeds the lower control limit.  
**F-** : Recovery from the spiked aliquot exceeds the lower control limit (matrix spike or matrix spike duplicate).  
**ISC-** : Recovery in the associated Instrument Sensitivity Check (ISC) exceeds the lower control limit. Results may be biased low.

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**Analysis Locations:**

All analyses performed in Holt.

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Accreditation Number(s):

**T104704518-19-8 (TX)**

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