Fibertec
environmental
services

Thursday, February 17, 2022

Fibertec Project Number:	A06752
Project Identification:	Biosolids PFAS /
Submittal Date:	02/01/2022

Mr. Curt Brackenrich
Reed City POTW
227 E. Lincoln
Reed City, MI 49677

Dear Mr. Brackenrich,

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,

By Sue Ricketts at 9:01 AM, Feb 17, 2022

For Daryl P. Strandbergh
Laboratory Director

Enclosures

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: A06752
Laboratory Sample Number: A06752-001

Client Identification:	**Reed City POTW**	Sample Description:	**North Sludge Tank**	Chain of Custody:	**203790**
Client Project Name:	**Biosolids PFAS**	Sample No:		Collect Date:	**02/01/22**
Client Project No:	**NA**	Sample Matrix:	**Biosolids**	Collect Time:	**14:00**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

PFAS **Aliquot ID: A06752-001** **Matrix: Biosolids**
Method: ASTM D7968-17a **Description: North Sludge Tank**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. ADONA	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 2. 9Cl-PF3ONS	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 3. 11Cl-PF3OUdS	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 4. N-EtFOSAA	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 5. FtS 4:2	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 6. FtS 6:2	**4.5**		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 7. FtS 8:2	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 8. HFPO-DA	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 9. N-MeFOSAA	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 10. PFBA	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 11. PFBS	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 12. PFDA	U		µg/kg	2.3	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 13. PFDoA	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 14. PFDS	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 15. PFHpA	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 16. PFHpS	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 17. PFHxA	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 18. PFHxS-Total	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 19. PFNA	**3.1**		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 20. PFNS	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 21. PFOA	**2.5**		µg/kg	2.3	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 22. PFOSA	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 23. PFOS-Total	**7.4**		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 24. PFPeA	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 25. PFPeS	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 26. PFTeA	U		µg/kg	2.3	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 27. PFTriA	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK
‡ 28. PFUnA	U		µg/kg	2.0	1.0	02/11/22	PS22B11F	02/15/22	SM22B15A	GDK

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

Exception Summary:

Analysis Locations:

All analyses performed in Holt.

NELAP ACCREDITED TNI LABORATORY

Accreditation Number(s):

T104704518-19-8 (TX)