

Vienna Utility Board
210 60th Street
Vienna, WV 26105
January 15, 2021
1:00 PM
AGENDA

- I. Public Forum
- II. Call to Order / Pledge of Allegiance
- III. Roll Call
- IV. Report of Minutes
- V. Unfinished Business
 - A. Stormwater Management Plan
 - B. Water Quality Testing
- VI. New Business
- VII. Manager's Report
- VIII. Utility Board Comments

Next regular meeting: Friday February 19, 2021 @ 1:00 PM Location: 210 60th
Street Vienna, WV 26105



The Chemours Company
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Wilmington, DE 19899

302-773-1000 t
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December 11, 2020

Craig Metz
City of Vienna Public Works Director
210 60th Street
Vienna, WV 26105
e-mail: cm@vienna-wv.com

**City of Vienna - PFOA Analytical Results
November 2020 Monitoring**

Dear Mr. Metz:

The City of Vienna Public Water Service currently receives water from three well fields, a northern well field location (wells 11 through 14), a central well field location (wells 7 and 8), and a southern well field location (wells 9 and 10). Granular Activated Carbon (GAC) treatment systems were installed at the northern well field, central well field, and the southern well field to remove perfluorooctanoic acid (PFOA) from the well field water. The northern GAC system (identified as VPSD or VPSD1) became operational in August 2016 and utilizes two Calgon Model 10 units that contain two GAC carbon beds each (lead and lag bed). The southern GAC system (identified as VPSD2) became operational in October 2016 and utilizes two Calgon Model 10 units that contain two GAC beds each (lead and lag bed). The central GAC system (identified as VPSD3) became operational in October 2019 and utilizes one Calgon Model 10 unit that contain two GAC beds each (lead and lag bed).

Monthly monitoring of PFOA began at several points in the VPSD1, VPSD2, and VPSD3 GAC systems once the GAC systems were operational. Monitored points include the influent to the Model 10 units and the effluent from each of the two carbon beds. The influent and effluent samples are analyzed for PFOA and non-detect results are reported as less than the reporting limit.

The November 2020 monthly monitoring events for VPSD1, VPSD2, and VPSD3 were conducted on November 16, 2020. Attached are the results sheets for the above described monitoring of VPSD1, VPSD2, and VPSD3. Please contact me at (302) 773-1289 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew S. Hartten".

Andrew S. Hartten
Principal Remediation Project Manager
Chemours Corporate Remediation Group

Attachments

cc: Yogesh Patel, WVDEP email: yogesh.p.patel@wv.gov
Meredith Vance, WVBHP email: Meredith.J.Vance@wv.gov
randy.rapp@Vienna-wv.com
File (509038) (electronic copy)

Method 537.1 : Perfluorinated Alkyl Acids (LC/MS)

The Chemours Company FC, LLC Sample ID	Eurofins Sample ID	Collection Date/Time	Date Received At Eurofins	Analysis Date	Analyte	Result (ug/L)	Reporting Limit
GC1120-VPD1-BED1E-LAG	320-66866-1	11/16/20 09:30	11/17/20	11/20/20	PFOA	<0.010	0.010
GC1120-VPD1-BED1E-LAG-D	320-66866-2	11/16/20 09:30	11/17/20	11/20/20	PFOA	<0.010	0.010
GC1120-VPD1-BED2E-LEAD	320-66866-3	11/16/20 09:33	11/17/20	11/20/20	PFOA	0.091	0.010
GC1120-VPD1-BED1W-LAG	320-66866-4	11/16/20 09:35	11/17/20	11/20/20	PFOA	<0.010	0.010
GC1120-VPD1-BED2W-LEAD	320-66866-5	11/16/20 09:36	11/17/20	11/20/20	PFOA	0.063	0.010
GC1120-VPD1-PT	320-66866-6	11/16/20 09:39	11/17/20	11/20/20	PFOA	0.16	0.010

DEFINITIONS:

ug/L = micrograms per liter (parts per billion).

ug/kg = micrograms per kilogram (parts per billion).

< = less than the stated value.

FOR SAMPLES ANALYZED IN DUPLICATE, THE RESULTS ARE CALCULATED ACCORDING TO THE FOLLOWING CRITERIA:

If the sample and laboratory duplicate are both greater than or equal to 5X their RL and the relative percent difference (RPD) is less than or equal to 20, the average value is reported. If the RPD is greater than 20, the higher value is reported. If the sample or laboratory duplicate is less than 5X their RL, and the absolute difference between the sample and laboratory duplicate is less than or equal to the sample RL, the average value is reported. If the absolute difference is greater than the sample RL, the higher value is reported. If the sample or the duplicate is greater than or equal to their RL and the other is less than its RL, the higher value is reported. If the sample and duplicate are both less than their RL, the lowest RL is reported.

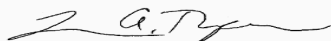
For Table 3 methods, if the sample and laboratory duplicate are greater than their RL, the average is reported. If the sample or the duplicate is greater than or equal to their RL and the other is less than its RL, the higher value is reported. If the sample and duplicate are both less than their RL, the lowest RL is reported.

MATRIX SPIKE RECOVERIES:

Eurofins Sample ID	Analyte	Percent Recovery	Percent Recovery Limits
320-66866-6 MS	PFOA	91	70 - 130
320-66866-6 MSD	PFOA	149 **	70 - 130

** Matrix spike recovery was outside control limits. See case narrative.

SUBMITTED BY:



Laura Turpen, Project Manager I

12/2/2020

Date

Method 537.1 : Perfluorinated Alkyl Acids (LC/MS)

The Chemours Company FC, LLC Sample ID	Eurofins Sample ID	Collection Date/Time	Date Received At Eurofins	Analysis Date	Analyte	Result (ug/L)	Reporting Limit
GC1120-VPD2-BED1N-LAG	320-66864-1	11/16/20 08:35	11/17/20	11/20/20	PFOA	<0.010	0.010
GC1120-VPD2-BED1N-LAG-D	320-66864-2	11/16/20 08:35	11/17/20	11/20/20	PFOA	<0.010	0.010
GC1120-VPD2-BED2N-LEAD	320-66864-3	11/16/20 08:38	11/17/20	11/20/20	PFOA	<0.010	0.010
GC1120-VPD2-BED1S-LAG	320-66864-4	11/16/20 08:45	11/17/20	11/20/20	PFOA	<0.010	0.010
GC1120-VPD2-BED2S-LEAD	320-66864-5	11/16/20 08:48	11/17/20	11/20/20	PFOA	<0.010	0.010
GC1120-VPD2-PT	320-66864-6	11/16/20 08:53	11/17/20	11/20/20	PFOA	0.096	0.010

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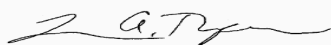
If the sample and laboratory duplicate are both greater than or equal to 5X their RL and the relative percent difference (RPD) is less than or equal to 20, the average value is reported. If the RPD is greater than 20, the higher value is reported. If the sample or laboratory duplicate is less than 5X their RL, and the absolute difference between the sample and laboratory duplicate is less than or equal to the sample RL, the average value is reported. If the absolute difference is greater than the sample RL, the higher value is reported. If the sample or the duplicate is greater than or equal to their RL and the other is less than its RL, the higher value is reported. If the sample and duplicate are both less than their RL, the lowest RL is reported.

For Table 3 methods, if the sample and laboratory duplicate are greater than their RL, the average is reported. If the sample or the duplicate is greater than or equal to their RL and the other is less than its RL, the higher value is reported. If the sample and duplicate are both less than their RL, the lowest RL is reported.

MATRIX SPIKE RECOVERIES:

Eurofins Sample ID	Analyte	Percent Recovery	Percent Recovery Limits
320-66864-6 MS	PFOA	87	70 - 130
320-66864-6 MSD	PFOA	95	70 - 130

SUBMITTED BY:



Laura Turpen, Project Manager I

11/23/2020
Date

Method 537.1 : Perfluorinated Alkyl Acids (LC/MS)

The Chemours Company FC, LLC Sample ID	Eurofins Sample ID	Collection Date/Time	Date Received At Eurofins	Analysis Date	Analyte	Result (ug/L)	Reporting Limit
GC1120-VPD3-BED1-LEAD	320-66865-1	11/16/20 09:00	11/17/20	11/20/20	PFOA	<0.010	0.010
GC1120-VPD3-BED2-LAG	320-66865-2	11/16/20 08:57	11/17/20	11/20/20	PFOA	<0.010	0.010
GC1120-VPD3-PT	320-66865-3	11/16/20 09:08	11/17/20	11/20/20	PFOA	0.10	0.010
GC1120-VPD3-PT-D	320-66865-4	11/16/20 09:08	11/17/20	11/20/20	PFOA	0.10	0.010

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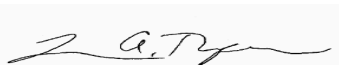
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For Table 3 methods, if the sample and laboratory duplicate are greater than their RL, the average is reported. If the sample or the duplicate is greater than or equal to their RL and the other is less than its RL, the higher value is reported. If the sample and duplicate are both less than their RL, the lowest RL is reported.

MATRIX SPIKE RECOVERIES:

Eurofins Sample ID	Analyte	Percent Recovery	Percent Recovery Limits
320-66865-3 MS	PFOA	95	70 - 130
320-66865-3 MSD	PFOA	92	70 - 130

SUBMITTED BY:



Laura Turpen, Project Manager I

11/23/2020

Date