

**Vienna Utility Board**  
60<sup>th</sup> Street, Vienna, WV 26105  
**Regular Utility Board Session**  
**Meeting location Vienna Utility Board**  
**210 60<sup>th</sup> Street, Vienna, WV 26105**

**AGENDA**  
**April 14, 2022**  
**1:00 PM**

- I. Public Forum
- II. Call to Order / Pledge of Allegiance
- III. Roll Call
- IV. Report of Minutes
- V. Unfinished Business
  - A. Water Quality Testing
  - B. ARP Discussion
  - C. 5 – year Plan
  - D. Burgess & Niple – 45<sup>th</sup> Place Water Main Replacement – Update
  - E. Burgess & Niple – Water & Wastewater Improvement Project
  - F. Burgess & Niple – Dredging of Pond Run and Greenmont Dry Dams
  - G. 28<sup>th</sup> Street Storm Drainage Report
- VI. New Business
  - A. Preliminary Budget Discussion
  - B. Burgess & Niple – River Road Water Main – Bid Approval
- VII. Manager’s Report
- VIII. Utility Board Comments

Next regular meeting: Friday May 20, 2022 @ 1:00 PM Location: 210 60<sup>th</sup> Street, Vienna, WV  
26105



The Chemours Company  
1007 Market Street  
PO Box 2047  
Wilmington, DE 19899

302-773-1000 t  
chemours.com

March 24, 2022

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

**City of Vienna - PFOA Analytical Results  
February 2022 Monthly 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 February 2022 monthly monitoring events for VPSD1, VPSD2, and VPSD3 were conducted on February 15, 2022. Attached are the results sheets for the above described monitoring of VPSD1, VPSD2, and VPSD3. Please contact me at (302) 773-1289 or Andrew.S.Hartten@chemours.com if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Andrew S. Hartten".

Andrew S. Hartten  
Remediation Manager  
Chemours Corporate Remediation Group

Attachments

cc: John V. Lockhart, WVDEP email: John.V.Lockhart@wv.gov  
Meredith Vance, WVBHP email: Meredith.J.Vance@wv.gov  
Randy Rapp, City of Vienna Mayor email: 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
GC0222-VPSD1-BED1E-LAG	320-84879-1	02/15/22 09:06	02/16/22	03/02/22	PFOA	<0.010	0.010
GC0222-VPSD1-BED1E-LAG-D	320-84879-2	02/15/22 09:06	02/16/22	03/03/22	PFOA	<0.010	0.010
GC0222-VPSD1-BED2E-LEAD	320-84879-3	02/15/22 09:10	02/16/22	03/03/22	PFOA	0.12	0.010
GC0222-VPSD1-BED1W-LAG	320-84879-4	02/15/22 09:08	02/16/22	03/03/22	PFOA	0.011	0.010
GC0222-VPSD1-BED2W-LEAD	320-84879-5	02/15/22 09:12	02/16/22	03/03/22	PFOA	0.11	0.010
GC0222-VPSD1-PT	320-84879-6	02/15/22 09:14	02/16/22	03/03/22	PFOA	0.17	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 both the sample and laboratory duplicate results are greater than or equal to 5X their RL and the relative percent difference (RPD) is less than or equal to 30, the average value is reported. If the RPD is greater than 30, the higher value is reported. If the sample or laboratory duplicate result 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 result 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 results are both less than their RL, the lowest RL is reported. If the sample and duplicate results are both greater than their RL, the lowest RL is reported. If either the sample or duplicate results (but not both) are greater than their RL, the RL associated with the positive result is reported.

For Table 3 methods, if the sample and laboratory duplicate results are greater than their RL, the average is reported. If the sample or the duplicate result 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 results are both less than their RL, the lowest RL is reported. If the sample and duplicate results are both greater than their RL, the lowest RL is reported. If either the sample or duplicate results (but not both) are greater than their RL, the RL associated with the positive result is reported.

**MATRIX SPIKE RECOVERIES:**

Eurofins Sample ID	Analyte	Percent Recovery	Percent Recovery Limits
320-84879-3 MS	PFOA	98	70 - 130
320-84879-3 MSD	PFOA	84	70 - 130

**SUBMITTED BY:**



Michelle Johnston, designee for Laura Turpen, Project Manager I

3/4/2022  
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
GC0222-VPD2-BED1N-LAG	320-84875-1	02/15/22 08:10	02/16/22	03/03/22	PFOA	<0.010	0.010
GC0222-VPD2-BED1N-LAG-D	320-84875-2	02/15/22 08:10	02/16/22	03/02/22	PFOA	<0.010	0.010
GC0222-VPD2-BED2N-LEAD	320-84875-3	02/15/22 08:14	02/16/22	03/02/22	PFOA	<0.010	0.010
GC0222-VPD2-BED1S-LAG	320-84875-4	02/15/22 08:12	02/16/22	03/02/22	PFOA	<0.010	0.010
GC0222-VPD2-BED2S-LEAD	320-84875-5	02/15/22 08:16	02/16/22	03/02/22	PFOA	<0.010	0.010
GC0222-VPD2-PT	320-84875-6	02/15/22 08:18	02/16/22	03/02/22	PFOA	0.10	0.010

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**MATRIX SPIKE RECOVERIES:**

Eurofins Sample ID	Analyte	Percent Recovery	Percent Recovery Limits
320-84875-3 MS	PFOA	95	70 - 130
320-84875-3 MSD	PFOA	94	70 - 130

**SUBMITTED BY:**



Michelle Johnston, designee for Laura Turpen, Project Manager I

3/9/2022  
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
GC0222-VPD3-BED1-LEAD	320-84872-1	02/15/22 08:40	02/16/22	03/02/22	PFOA	0.036	0.010
GC0222-VPD3-BED2-LAG	320-84872-2	02/15/22 08:38	02/16/22	03/02/22	PFOA	<0.010	0.010
GC0222-VPD3-PT	320-84872-3	02/15/22 08:42	02/16/22	03/02/22	PFOA	0.14	0.010
GC0222-VPD3-PT-D	320-84872-4	02/15/22 08:42	02/16/22	03/02/22	PFOA	0.13	0.010

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For Table 3 methods, if the sample and laboratory duplicate results are greater than their RL, the average is reported. If the sample or the duplicate result 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 results are both less than their RL, the lowest RL is reported. If the sample and duplicate results are both greater than their RL, the lowest RL is reported. If either the sample or duplicate results (but not both) are greater than their RL, the RL associated with the positive result is reported.

**MATRIX SPIKE RECOVERIES:**

Eurofins Sample ID	Analyte	Percent Recovery	Percent Recovery Limits
320-84872-2 MS	PFOA	92	70 - 130
320-84872-2 MSD	PFOA	94	70 - 130

**SUBMITTED BY:**



Michelle Johnston, designee for Laura Turpen, Project Manager I

3/4/2022  
Date

CITY OF VIENNA  
 FIVE-YEAR PLAN (DRAFT)  
 November 7, 2020

	2020	2021	2022	2023	2024	2025
1st Quarter		Report/Prelim. Design Pond Run & Greenmont Dry Dams Dredging	Bid Pond Run & McDonough Dry Dam Dredging			
		Bid 28th St. Storm Drainage Improvements				
		Begin PER for Sewer Rehabilitation Project				
		Valve & Hydrant Replacement Program Update comprehensive water system report Bid Spencers Landing wm extension Design for Rehab. of Well Nos. 9 & 10	Valve & Hydrant Replacement Program	Valve & Hydrant Replacement Program  Design Rehab. Of Well Nos. 11 thru 14	Valve & Hydrant Replacement Program	Valve & Hydrant Replacement Program
2nd Quarter		Prepare Storm Water Planning Report	Design of Phase 2 Stormwater Impr. (Includes 41st St. Area near Vienna Elem. School?)		Design of Phase 3 Storm Imp	Construct Phase 3 Storm Imp
		Construct 28th St. Storm Drainage Improvements New NPDES MS4 General Permit Issued	Rehab 2 Storm Lift Stations (In-House Crews) Rehab. 3 Lift Stations (In-House Crews)	Rehab 2 Storm Lift Stations (In-House Crews) Rehab. 3 Lift Stations (In-House Crews)	Rehab 2 Storm Lift Stations (In-House Crews) Rehab. 3 Lift Stations (In-House crews)	Rehab2 Lift Stations (In-House crews)
		Design Phase 1 Sewer Rehabilitation Project	Construct Phase 1 Sewer Rehabilitation Project	Design Phase 2 Sewer Rehabilitation Project	Construct Phase 2 Sewer Rehab. Project	
		Sewer Rate Study Water Rate Study	Inspect Water Storage Tanks		Bid Rehab. of Well Nos. 11 and 12	Bid Rehab. of Well Nos. 13 and 14
		Bid Rehab. of Well Nos. 9 & 10		Bid Rehab. Of Well Nos. 11 thru 14		
		Design 27th Street Bridge	Construct 27th Street Bridge			Construct 27th Street Bridge
3rd Quarter	Annual Stormwater Report	Annual Stormwater Report Design of Phase 1 Stormwater Imp.	Annual Stormwater Report	Annual Stormwater Report	Annual Stormwater Report	Annual Stormwater Report
			Replace Pumps at 12th Street Lift Station			
		PER for Phase 1 Water System Imp. Construct wm to Spencers Landing Rehabilitate Well Nos. 9 & 10 Bid for Replacement Street Sweeper		PER for Phase 2 Water System Impr.  Construct Rehab. of Well Nos. 11 thru 14	Rehabilitate Well Nos. 11 and 12	Rehabilitate Well Nos. 13 and 14
			Replacement Street Sweeper delivered			Construct 17th Street Bridge
4th Quarter	Prelim. & Final Design 28th St. Drainage	Construct Phase 1 Stormwater Improvements Final Design Pond Run and McDonough Dry Dams Dredging	Construct Phase 2 Storm Improvements Construct Pond Run & McDonough Dry Dams Dredging			
				PER for 46th St. Sewer Ext.?	Design 46th St. Sewer Ext.?	Construct 46th St. Sewer Ext.?
	Construct CBPSD Master Meter Water System Risk & Resilience Assessment	Design Phase 1 Water Imp.  (includes 28th St. Water Main?)	Construct Phase 1 Water Imp.	Design Phase 2 Water System Imp.	Construct Phase 2 Water Imp.	
	Design water ext. to Spencers Landing and wm connects @ Wells 7 and 8 GAC Plant Paving Projects	Paving Projects	Paving Projects	Paving Projects Inspection of 17th Street Bridge	Paving Projects Design 17th Street Bridge	Paving Projects

Unscheduled Projects

14th Street  
 Greenmont Hills storm drainage

51st. Street Storm Drainage Improvements  
 Other Bridge Replacements

**BID TABULATION**

City of Vienna - Vienna Utility Board - River Road Water System Improvements - Contract 21-1

BID OPENING: Thursday, April 7, 2022 @ 9:00 a.m. (local time) PROJECT NO.: 59747

ITEM	DESCRIPTION	QUANTITY	UNIT	1		2		3	
				UNIT PRICE	CONTRACT PRICE	UNIT PRICE	CONTRACT PRICE	UNIT PRICE	CONTRACT PRICE
				Alan Stone Co., Inc. 5519 Suite A, SR 339 Vincent, OH 45784 (304) 375-6484		D. V. Weber Construction, Inc. P.O. Box 116 Reedsville, OH		STONEGATE CONSTRUCTION, INC. 1378 Way Rd Belpre, OH 45714	
1	12" DR 14 PVC Water Main	3,360	LF	\$105.00	\$352,800.00	\$108.00	\$362,880.00	\$153.00	\$514,080.00
2	6" DR 14 PVC Water Main	340	LF	\$74.00	\$25,160.00	\$68.00	\$23,120.00	\$124.00	\$42,160.00
3	4" DR 14 PVC Water Main	50	LF	\$57.00	\$2,850.00	\$76.00	\$3,800.00	\$185.00	\$9,250.00
4	2" DR9 HDPE Water Main	10	LF	\$70.00	\$700.00	\$83.00	\$830.00	\$342.00	\$3,420.00
5	6" Highway/Railroad Crossing, Bore & Jack	85	LF	\$440.00	\$37,400.00	\$880.00	\$74,800.00	\$253.00	\$21,505.00
6	12" Gate Valve and Box	2	EA	\$3,500.00	\$7,000.00	\$3,600.00	\$7,200.00	\$4,074.00	\$8,148.00
7	6" Gate Valve and Box	5	EA	\$1,500.00	\$7,500.00	\$1,500.00	\$7,500.00	\$1,632.00	\$8,160.00
8	4" Gate Valve and Box	2	EA	\$1,300.00	\$2,600.00	\$1,150.00	\$2,300.00	\$1,385.00	\$2,770.00
9	2" Curb Stop and Box	1	EA	\$1,500.00	\$1,500.00	\$904.00	\$904.00	\$1,270.00	\$1,270.00
10	6"x2" Tapping Saddle	1	EA	\$2,000.00	\$2,000.00	\$610.00	\$610.00	\$697.00	\$697.00
11	6" Hydrant Assembly	4	EA	\$8,000.00	\$32,000.00	\$7,500.00	\$30,000.00	\$8,148.00	\$32,592.00
12	Connection to Existing 8" Main	1	EA	\$5,000.00	\$5,000.00	\$2,600.00	\$2,600.00	\$6,808.00	\$6,808.00
13	Connection to Existing 6" Main	3	EA	\$4,500.00	\$13,500.00	\$2,550.00	\$7,650.00	\$4,315.00	\$12,945.00
14	Connection to Existing 4" Main	4	EA	\$4,000.00	\$16,000.00	\$2,450.00	\$9,800.00	\$3,896.00	\$15,584.00
15	Connection to Existing 2" Water Main	1	EA	\$3,500.00	\$3,500.00	\$1,250.00	\$1,250.00	\$2,404.00	\$2,404.00
16	Remove Existing Hydrant	1	EA	\$2,500.00	\$2,500.00	\$300.00	\$300.00	\$152.00	\$152.00
17	Abandon Existing Gate Valve	9	EA	\$500.00	\$4,500.00	\$200.00	\$1,800.00	\$188.00	\$1,692.00
18	3/4" Service Clamp and Corporation Stop	8	EA	\$775.00	\$6,200.00	\$320.00	\$2,560.00	\$463.00	\$3,704.00
19	3/4" Service Tubing, Long Service	40	LF	\$76.00	\$3,040.00	\$45.00	\$1,800.00	\$26.00	\$1,040.00
20	3/4" Service Tubing, Short Service	160	LF	\$52.00	\$8,320.00	\$40.00	\$6,400.00	\$19.00	\$3,040.00
21	12" or 10" Utility Crossing, 18" PVC Casing Piping	40	LF	\$336.00	\$13,440.00	\$265.00	\$10,600.00	\$107.00	\$4,280.00
22	8" or 6" Utility Crossing, 12" PVC Casing Piping	40	LF	\$224.00	\$8,960.00	\$215.00	\$8,600.00	\$74.00	\$2,960.00
23	Water Main Testing and Disinfection	3,845	LF	\$2.00	\$7,690.00	\$0.55	\$2,114.75	\$3.00	\$11,535.00
24	Granular Backfill	1,500	CY	\$47.00	\$70,500.00	\$85.00	\$127,500.00	\$49.00	\$73,500.00
25	Pavement Replacement, Type A (Asph/Conc)	30	SY	\$252.00	\$7,560.00	\$50.00	\$1,500.00	\$28.00	\$840.00
26	Pavement Replacement, WVDOH Type B (Asph)	1,730	SY	\$78.00	\$134,940.00	\$118.00	\$204,140.00	\$56.00	\$96,880.00
27	Pavement Replacement, Type C (Asph)	60	SY	\$107.00	\$6,420.00	\$130.00	\$7,800.00	\$61.00	\$3,660.00
28	Pavement Replacement, Type D (Grav)	50	SY	\$39.00	\$1,950.00	\$13.50	\$675.00	\$75.00	\$3,750.00
29	2" Asphalt Overlay	1,740	SY	\$19.50	\$33,930.00	\$18.50	\$32,190.00	\$26.00	\$45,240.00
30	2" Pavement Milling	1,740	SY	\$7.50	\$13,050.00	\$4.00	\$6,960.00	\$5.00	\$8,700.00
31	Sidewalk Replacement	20	SY	\$210.00	\$4,200.00	\$150.00	\$3,000.00	\$289.00	\$5,780.00
32	Grading and Seeding	340	SY	\$10.00	\$3,400.00	\$2.50	\$850.00	\$24.00	\$8,160.00
33	Pre-Construction Videotaping	1	LS	\$5,000.00	\$5,000.00	\$1,800.00	\$1,800.00	\$3,200.00	\$3,200.00
34	Traffic Control	1	LS	\$20,000.00	\$20,000.00	\$11,000.00	\$11,000.00	\$35,000.00	\$35,000.00
35	Mobilization	1	LS	\$25,000.00	\$25,000.00	\$28,000.00	\$28,000.00	\$2,867.00	\$2,867.00
<b>Bid - Total of Bid Items 1 through 19</b>					<b>\$890,110.00</b>		<b>\$994,833.75</b>		<b>\$997,773.00</b>
<b>Completion Time</b>					<b>120 days</b>		<b>150 days</b>		<b>120 days</b>



I, Lise E. Sibicky, PE of Burgess & Niple, Inc. hereby state that to the best of my knowledge, information and belief, this document is a true and accurate summary of the amounts bid for this Contract.

