Permit # NC000XXXX **Month:** May **Year:** 2026

Facility: Chemours Company-Fayetteville Works **Class:** Pending **County:** Bladen

ORC: Jamie R. Lewis **Grade:** Pending **ORC Certification #** 994529

Has ORC Changed?: ☐ **Phone:** 910-678-1219

Certifed Lab Name: Eurofins Lancaster Laboratories Environmental **Lab#:** 521

Person(s) Collecting samples: Facility staff

Comments:
1. Non-detect influent and effluent sample results were assigned a value of zero for the calculation and the values from duplicate samples were averaged together.
2. Monthly average influent and effluent concentrations are volume-weighted based on "Average Calculations" worksheet.
3. Permit and discharge numbers pending per application submitted on June 4, 2021.

Sampling Location: Influent **Discharge #** Pending

Date	Composite/ Sample Start Time	Composite/ Sample End Time	Total Composite Time	Precipitation	50050 Influent to EQ Storage	50050 Influent to Treatment System	Influent Volumetric Weighting Factor	52612 HFPO-DA	52613 PFMOAA	52620 PMPA									
	2400 clock	2400 clock	hrs	inches	mgd	mgd		ug/l	ug/l	ug/l									
1				0.02	0.008														
2				0.6	0.113														
3				0.01	0.007														
4																			
5	800	1530	7.5			0.249	0.41	71	4	6.4									
6						0.425													
7				1.12	0.182	0.206													
8				0.01	0.009														
9																			
10																			
11				0.02	0.002														
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22				0.01	0.002														
23				0.75	0.099														
24				0.03	0.077														
25				1.1	0.192	0.104													
26	800	1530	7.5	0.03	0.016	0.354	0.59	32	23	8.2									
27				0.01	0.002														
28																			
29																			
30				0.16	0.066														
31																			
Composite(CP)/Grab(GR)/Recorder(RC):					RC	RC		CP	CP	CP									

Monthly Average Limit:																	
Monthly Average:	0.12	0.025	0.043		48	15.2	7.5										
Daily Maximum:	1.12	0.192	0.425	0.59	71	23.0	8.2										
Daily Minimum:	0.01	0.002	0.104	0.41	32	4.0	6.4										

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Certifed Lab Name: Eurofins Lancaster Laboratories Environmental **Lab#:** 521

Person(s) Collecting samples: Facility staff

Comments: 1. Non-detect influent and effluent sample results were assigned a value of zero for the calculation and the values from duplicate samples were averaged together.
2. Monthly average influent and effluent concentrations are volume-weighted based on "Average Calculations" worksheet.

Sampling Location: Effluent **Discharge #** Pending

Date				50050		52612	52613	52620	00400	CO530								
	Composite/ Sample Start Time	Composite/ Sample End Time	Total Composite Time	Discharge from Treatment System	Effluent Volumetric Weighting Factor	HFPO-DA	PFMOAA	PMPA	pH	Total Suspended Solids								
	2400 clock	2400 clock	hrs	mgd		ug/l	ug/l	ug/l	su	mg/l								
1																		
2																		
3																		
4																		
5	800	1530	7.5	0.249	0.41	< 0.002	< 0.002	< 0.01	6.2	< 1								
6				0.425														
7				0.206														
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		
25				0.104														
26	800	1530	7.5	0.354	0.59	< 0.002	< 0.002	< 0.01	6.1	< 1								
27																		
28																		
29																		
30																		
31																		
Composite(CP)/Grab(GR)/Recorder(RC):				**RC**		**CP**	**CP**	**CP**	**CP**	**CP**								

Monthly Average Limit:																
Monthly Average:	0.043		0.000	0.000	0.000	6.2	#DIV/0!									
Daily Maximum:	0.425	0.59	0.000	0.000	0.000	6.2	0.0									
Daily Minimum:	0.104	0.41	0.000	0.000	0.000	6.1	0.0									
Monthly Avg % Removal (99%):			**100.00**	**100.00**	**100.00**											

May 2026

EQUATION 1: SYSTEM REMOVAL EFFECTIVENESS FOR INDICATOR PARAMETERS CALCULATIONS

Date	Sample Number	Inputs for Monthly Evaluation Period of May 2026									
		Influent Concentration			Influent Volume	Efffluent Concentration			Effluent Volume	Influent Concentration Volumetric Weighting Factor	Effluent Concentration Volumetric Weighting Factor
		HFPO-DA (*i*)	PFMOAA (*i*)	PMPA (*i*)		HFPO-DA (*i*)	PFMOAA (*i*)	PMPA (*i*)			
	m, n	$c_{inf,n,HFPO\text{-}DA}$	$c_{inf,n,PFMOAA}$	$c_{inf,n,PMPA}$	V_n	$c_{eff,m,HFPO\text{-}DA}$	$c_{eff,m,PFMOAA}$	$c_{eff,m,PMPA}$	V_m	w_n	w_m
	-	µg/L	µg/L	µg/L	mgd	µg/L	µg/L	µg/L	mgd	-	-
5/5/2026	1	71	4	6.4	0.249	< 0.002	< 0.002	< 0.01	0.249	0.41	0.41
5/26/2026	2	32	23	8.2	0.354	< 0.002	< 0.002	< 0.01	0.354	0.59	0.59

Results Monthly Evaluation Period of May 2026								
Volume-weighted Influent Concentration			Volume-weighted Effluent Concentration			Treatment System PFAS Removal Efficiency for HFPO-DA, PFMOAA, and PMPA		
$c_{inf,HFPO\text{-}DA}$	$c_{inf,PFMOAA}$	$c_{inf,PMPA}$	$c_{eff,HFPO\text{-}DA}$	$c_{eff,PFMOAA}$	$c_{eff,PMPA}$	$E_{TS\text{-}IXM\text{-}HFPO\text{-}DA}$	$E_{TS\text{-}IXM\text{-}PFMOAA}$	$E_{TS\text{-}IXM\text{-}PMPA}$
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	%	%	%
48	**15**	**7.5**	**0.000**	**0.000**	**0.000**	**100.0**	**100.0**	**100.0**

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Certifed Lab Name: Eurofins Lancaster Laboratories Environmental **Lab#:** 521

Person(s) Collecting samples: Facility staff

Comments: 1. Permit and discharge numbers are pending per application submitted on June 4, 2021.
2. No Bypass occurred.

Sampling Location: Bypass **Discharge #** Pending

Date	East Sump Grab Sample Start Time	West Sump Grab Sample Time	Precipitation	East Sump Bypass Flow	West Sump Bypass Flow	East Bypass Total Table 3+ (Total of 20 Compounds)	West Bypass Total Table 3+ (Total of 20 Compounds)											
				50050	50050													
	2400 clock	2400 clock	inches	mgd	mgd	ug/l	ug/l											
1			0.02															
2			0.6															
3			0.01															
4																		
5																		
6																		
7			1.12															
8			0.01															
9																		
10																		
11			0.02															
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22			0.01															
23			0.75															
24			0.03															
25			1.1															
26			0.03															
27			0.01															
28																		
29																		
30			0.16															
31																		
Composite(CP)/Grab(GR)/Recorder(RC):				RC	RC	GR	GR											

Monthly Average Limit:																	
Monthly Average:	0.12																
Daily Maximum:	1.12																
Daily Minimum:	0.01																
Monthly Avg % Removal (99%):																	