Permit # NC000XXXX **Month:** June **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.
4. Rainfall was taken from Huske Dam USGS

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				0.06	0.002														
2																			
3																			
4																			
5																			
6																			
7																			
8				1.14	0.209														
9																			
10																			
11																			
12																			
13				1.32	0.315														
14				0.76	0.28														
15	800	1530	7.5			0.283	0.51	19	7.6	23									
16						0.4													
17				0.31	0.018	0.382													
18				0.02	0.007														
19				0.44	0.128														
20																			
21																			
22																			
23				0.01	0.002														
24																			
25																			
26				0.34	0.061														
27				0.03	0.015														
28				0.2	0.028														
29	830	1530	7			0.267	0.49	20	6.6	17									
30						0.1													
31																			
Composite(CP)/Grab(GR)/Recorder(RC):					RC	RC		CP	CP	CP									

Monthly Average Limit:																	
Monthly Average:	0.15	0.034	0.046		19	7.1	20.1										
Daily Maximum:	1.32	0.315	0.400	0.51	20	7.6	23.0										
Daily Minimum:	0.01	0.002	0.100	0.49	19	6.6	17.0										

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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																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15	800	1530	7.5	0.283	0.51	< 0.002	< 0.002	< 0.01	6.2	< 1								
16				0.4														
17				0.382														
18																		
19																		
20																		
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29	830	1530	7	0.267	0.49	< 0.002	< 0.002	< 0.01	6.1	4.2								
30				0.1														
31																		
Composite(CP)/Grab(GR)/Recorder(RC):				**RC**		**CP**	**CP**	**CP**	**CP**	**CP**								

Monthly Average Limit:															
Monthly Average:	0.046		0.000	0.000	0.000	6.2	4.2								
Daily Maximum:	0.400	0.51	0.000	0.000	0.000	6.2	4.2								
Daily Minimum:	0.100	0.49	0.000	0.000	0.000	6.1	4.2								
Monthly Avg % Removal (99%):			**100.00**	**100.00**	**100.00**										

June 2026

EQUATION 1: SYSTEM REMOVAL EFFECTIVENESS FOR INDICATOR PARAMETERS CALCULATIONS

Date	Sample Number	Inputs for Monthly Evaluation Period of June 2026									
		Influent Concentration			Influent Volume	Effluent 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	-	-
	1	19	7.6	23	0.283	< 0.002	< 0.002	< 0.01	0.283	0.51	0.51
	2	20	6.6	17	0.267	< 0.002	< 0.002	< 0.01	0.267	0.49	0.49

Results Monthly Evaluation Period of June 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	%	%	%
19	**7**	**20.1**	**0.000**	**0.000**	**0.000**	**100.0**	**100.0**	**100.0**

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Person(s) Collecting samples: Facility staff

Comments:
1. Permit and discharge numbers are pending per application submitted on June 4, 2021.
2. Bypass occurred after 1" of rain in 24 hours and after the designed storm volume transferred.

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			0.06															
2																		
3																		
4																		
5																		
6																		
7																		
8			1.14															
9																		
10																		
11																		
12																		
13	1815	1815	1.32	0.003	0.003	182	6.9											
14			0.76															
15																		
16																		
17			0.31															
18			0.02															
19			0.44															
20																		
21																		
22																		
23			0.01															
24																		
25																		
26			0.34															
27			0.03															
28			0.2															
29																		
30																		
31																		
Composite(CP)/Grab(GR)/Recorder(RC):				RC	RC	GR	GR											

Monthly Average Limit:																	
Monthly Average:	0.15																
Daily Maximum:	1.32																
Daily Minimum:	0.01																
Monthly Avg % Removal (99%):																	