Permit # NC000XXXX **Month:** November **Year:** 2025

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					50050	50050		52612	52613	52620									
	Composite/ Sample Start Time	Composite/ Sample End Time	Total Composite Time	Precipitation	Influent to EQ Storage	Influent to Treatment System	Influent Volumetric Weighting Factor	HFPO-DA	PFMOAA	PMPA									
	2400 clock	2400 clock	hrs	inches	mgd	mgd		ug/l	ug/l	ug/l									
1																			
2				0.39	0.057														
3				0.15	0.073														
4																			
5																			
6																			
7																			
8																			
9				0.01	0.002														
10				0.04	0.014	0.063													
11	700	1530	8.5			0.214	1	34	2.2	5.7									
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22				0.2	0.015														
23																			
24																			
25																			
26																			
27																			
28																			
29																			
30																			
31																			
Composite(CP)/Grab(GR)/Recorder(RC):					RC	RC		CP	CP	CP									

Monthly Average Limit:							
Monthly Average:	0.03	0.005	0.009		34	2.2	5.7
Daily Maximum:	0.39	0.073	0.214	1.00	34	2.2	5.7
Daily Minimum:	0.01	0.002	0.063	1.00	34	2.2	5.7

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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	Composite/ Sample Start Time	Composite/ Sample End Time	Total Composite Time	50050 Discharge from Treatment System	Effluent Volumetric Weighting Factor	52612 HFPO-DA	52613 PFMOAA	52620 PMPA	00400 pH	CO530 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				0.063														
11	700	1530	8.5	0.214	1	< 0.002	< 0.002	< 0.01	6.4	< 1								
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		
31																		
Composite(CP)/Grab(GR)/Recorder(RC):				**RC**		**CP**	**CP**	**CP**	**CP**	**CP**								

Monthly Average Limit:																
Monthly Average:	0.009		0.000	0.000	0.000	#DIV/0!	#DIV/0!									
Daily Maximum:	0.214	1.00	0.000	0.000	0.000	0.0	0.0									
Daily Minimum:	0.063	1.00	0.000	0.000	0.000	0.0	0.0									
Monthly Avg % Removal (99%):			**100.00**	**100.00**	**100.00**											

November

EQUATION 1: SYSTEM REMOVAL EFFECTIVENESS FOR INDICATOR PARAMETERS CALCULATIONS

Date	Sample Number	Inputs for Monthly Evaluation Period of November 2025									
		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**	**-**	**-**
11/11/2025	1	34	2.2	5.7	0.214	< 0.002	< 0.002	< 0.01	0.214	1.00	1.00

Results Monthly Evaluation Period of November 2025								
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**	**%**	**%**	**%**
34	**2**	**5.7**	**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	50050 East Sump Bypass Flow	50050 West Sump Bypass Flow	East Bypass Total Table 3+ (Total of 20 Compounds)	West Bypass Total Table 3+ (Total of 20 Compounds)											
	2400 clock	2400 clock	inches	mgd	mgd	ug/l	ug/l											
1																		
2			0.39															
3			0.15															
4																		
5																		
6																		
7																		
8																		
9			0.01															
10			0.04															
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22			0.2															
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		
31																		
Composite(CP)/Grab(GR)/Recorder(RC):				RC	RC	GR	GR											

Monthly Average Limit:	
Monthly Average:	0.03
Daily Maximum:	0.39
Daily Minimum:	0.01
Monthly Avg % Removal (99%):	