**Permit #** NC000XXXX **Month:** March **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 | | | | | | | | | | | | | | | | | | | |
| 2 | 815 | 1530 | 7.25 | | | 0.275 | 1 | 23 | 2.2 | 2.1 | | | | | | | | | |
| 3 | | | | | | 0.173 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | |
| 8 | | | | 0.08 | 0.007 | | | | | | | | | | | | | | |
| 9 | | | | 0.01 | 0.009 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | |
| 12 | | | | 0.19 | 0.022 | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | |
| 15 | | | | 0.09 | 0.007 | | | | | | | | | | | | | | |
| 16 | | | | 0.27 | 0.039 | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | |
| 21 | | | | 0.02 | 0.002 | | | | | | | | | | | | | | |
| 22 | | | | 0.02 | 0.002 | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | |
| 28 | | | | 0.01 | 0.008 | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | |
| **Composite(CP)/Grab(GR)/Recorder(RC):** | | | | | RC | RC | | CP | CP | CP | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Monthly Average Limit:** | | | | | | | | | | | | | | | | | |
| **Monthly Average:** | 0.02 | 0.003 | 0.014 | | 23 | 2.2 | 2.1 | | | | | | | | | | |
| **Daily Maximum:** | 0.27 | 0.039 | 0.275 | 1.00 | 23 | 2.2 | 2.1 | | | | | | | | | | |
| **Daily Minimum:** | 0.01 | 0.002 | 0.173 | 1.00 | 23 | 2.2 | 2.1 | | | | | | | | | | |

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**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.

**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 | 815 | 1530 | 7.25 | 0.275 | 1 | < 0.002 | < 0.002 | < 0.01 | 6.3 | < 1 | | | | | | | | |
| 3 | | | | 0.173 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | |
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| 19 | | | | | | | | | | | | | | | | | | |
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| 30 | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | |
| **Composite(CP)/Grab(GR)/Recorder(RC):** | | | | **RC** | | **CP** | **CP** | **CP** | **CP** | **CP** | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Monthly Average Limit:** | | | | | | | | | | | | | | | | |
| **Monthly Average:** | 0.014 | | 0.000 | 0.000 | 0.000 | 6.3 | #DIV/0! | | | | | | | | | |
| **Daily Maximum:** | 0.275 | 1.00 | 0.000 | 0.000 | 0.000 | 6.3 | 0.0 | | | | | | | | | |
| **Daily Minimum:** | 0.173 | 1.00 | 0.000 | 0.000 | 0.000 | 6.3 | 0.0 | | | | | | | | | |
| **Monthly Avg % Removal (99%):** | | | **100.00** | **100.00** | **100.00** | | | | | | | | | | | |

March 2026

**EQUATION 1: SYSTEM REMOVAL EFFECTIVENESS FOR INDICATOR PARAMETERS CALCULATIONS**

| Date | Sample Number | Inputs for Monthly Evaluation Period of March 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 | - | - |
| 2/10/2026 | 1 | 23 | 2.2 | 2.1 | 0.275 | < 0.002 | < 0.002 | < 0.01 | 0.275 | 1.00 | 1.00 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| Results Monthly Evaluation Period of March 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 | % | % | % |
| **23** | **2** | **2.1** | **0.000** | **0.000** | **0.000** | **100.0** | **100.0** | **100.0** |

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**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. 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 | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | |
| 8 | | | 0.08 | | | | | | | | | | | | | | | |
| 9 | | | 0.01 | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | |
| 12 | | | 0.19 | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | |
| 15 | | | 0.09 | | | | | | | | | | | | | | | |
| 16 | | | 0.27 | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 21 | | | 0.02 | | | | | | | | | | | | | | | |
| 22 | | | 0.02 | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | |
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| 26 | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | |
| 28 | | | 0.01 | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | |
| Composite(CP)/Grab(GR)/Recorder(RC): | | | | RC | RC | GR | GR | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monthly Average Limit: | | | | | | | | | | | | | | | | | |
| Monthly Average: | 0.02 | | | | | | | | | | | | | | | | |
| Daily Maximum: | 0.27 | | | | | | | | | | | | | | | | |
| Daily Minimum: | 0.01 | | | | | | | | | | | | | | | | |
| Monthly Avg % Removal (99%): | | | | | | | | | | | | | | | | | |