

# CALIBER INSIGHTS



CLARITY. DIRECTION. EXCELLENCE.

## Cape Fear River PFAS Mass Loading Assessment – Third Quarter 2025

### Chemours Fayetteville Works

#### Prepared for

*The Chemours Company FC, LLC  
22828 NC Highway 87  
Fayetteville, NC 28306*

#### Prepared by

*Caliber Insights NC Inc.  
107-1025 King Street East #3022  
Cambridge, ON N3H 3P5  
NC Geology License: C-629*



**Date:** December 2025

## Table of Contents

1	Introduction .....	1
1.1	Site Background and Remedies .....	1
1.2	Monitoring and Report Objectives.....	2
2	Sampling Activities and Laboratory Analysis .....	3
2.1	Sampling Activities.....	3
2.2	Laboratory Analyses .....	4
3	PFAS Analytical Results.....	4
3.1	Data Validation.....	4
3.2	Equipment Blanks, Quality Assurance/Quality Control, and Duplicate Samples.....	6
3.3	Analytical Results.....	6
4	Cape Fear River Mass Load and Mass Discharge Calculations .....	7
4.1	PFAS Mass Load in the Cape Fear River and Comparison to Baseline Mass Load .....	7
4.2	PFAS Mass Discharge to the Cape Fear River.....	9
4.3	PFAS Mass Discharge at the Downstream River Locations .....	10
4.4	Calculated Mass Discharge from the Mass Loading Model Assessment .....	11
5	Summary and Conclusions .....	12
6	References.....	13

## List of Tables

Table 1	PFAS Analyte List
Table 2	Cape Fear River Field Parameters and Flow Measurements - Q3 2025
Table 3	Tar Heel Ferry Road Bridge Analytical Results - Q3 2025
Table 4	Downstream Cape Fear River Analytical Results - Q3 2025
Table 5	Cape Fear River PFAS Mass Load by Compound and Time Interval - Q3 2025
Table 6	Percent Reduction PFAS Mass Load From Baseline Period Q2 2021 Through Q3 2025
Table 7	Summary of Total PFAS Mass Discharge at Cape Fear River Sampling Locations - Q3 2025

## List of Figures

Figure 1	Site Location Map
Figure 2	Cape Fear River Sample and Flow Measurement Locations - Q3 2025
Figure 3	Seep and Surface Water Sample and Flow Measurement Locations - Q3 2025
Figure 4	Groundwater Well Locations for Mass Loading Assessment - Q3 2025
Figure 5	Potential PFAS Transport Pathways to the Cape Fear River from Site
Figure 6	Total Table 3+ (17 Compounds) Concentrations, Mass Discharge, Flow, and Daily Precipitation at Tar Heel Ferry Road Bridge
Figure 7	Total Table 3+ (17 Compounds) Concentrations, Mass Discharge, Flow, and Daily Precipitation at Tar Heel Ferry Road Bridge (Previous 12 Months)

## List of Appendices

Appendix A	Cape Fear River PFAS Mass Loading Model
Appendix B	Supplemental Tables
Appendix C	Field Forms
Appendix D	Laboratory Reports and DVM Narratives

## List of Abbreviations

°C	Degrees Celsius
ADQM	Analytical Data Quality Management
Caliber Insights	Caliber Insights NC Inc.
cfs	Cubic Feet per Second
Chemours	The Chemours Company FC, LLC
CO	Consent Order
CO Addendum	Addendum to Consent Order Paragraph 12
DQOs	Data Quality Objectives
DVM	Data Verification Module
EIM	Environmental Information Management system
FTC	Flow-Through Cell
Geosyntec	Geosyntec Consultants of NC P.C.
GWTP	Groundwater Treatment Plant
HDPE	High-Density Polyethylene
lbs	Pounds
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LDPE	Low-Density Polyethylene
MG	Million Gallons
mg/s	Milligrams per Second
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NCDEQ	North Carolina Department of Environmental Quality
ng/L	Nanograms per Liter
Parsons	Parsons of NC
PFAS	Per- and Polyfluoroalkyl Substances
PFHpA	Perfluoroheptanoic Acid
PFPrA	Perfluoropropanoic Acid
Q1	Quarter 1
Q2	Quarter 2
Q3	Quarter 3
Q4	Quarter 4
QAPP	Quality Assurance Project Plan
RPD	Relative Percent Difference
SWTS	Stormwater Treatment System
US EPA	United States Environmental Protection Agency

# 1 Introduction

Caliber Insights NC Inc. (Caliber Insights) has prepared this Cape Fear River PFAS Mass Loading Assessment – Third Quarter 2025 Report for The Chemours Company FC, LLC (Chemours). This report presents monitoring results and associated evaluations conducted pursuant to the requirements of paragraphs 1(a) and 1(b) of the Addendum to Consent Order Paragraph 12 (CO Addendum) and paragraph 16 of the executed Consent Order (CO) (dated February 25, 2019) between the North Carolina Department of Environmental Quality (NCDEQ), Cape Fear River Watch, and Chemours. This report documents the results from three sampling programs specified in *Cape Fear River PFAS Mass Loading Calculation Protocol* (the Protocol; Geosyntec, 2020a) and evaluates loading of Table 3+ per- and polyfluoroalkyl substances (PFAS<sup>1</sup>) from the Chemours Fayetteville Works Site (the Site; Figure 1) to the Cape Fear River. The three sampling programs are as follows:

- (1) The Cape Fear River at Tar Heel Mass Load (Tar Heel Mass Load) program, which collects twice weekly composite samples from the Tar Heel Ferry Road Bridge (CFR-TARHEEL) sampling location (approximately 7 miles downstream from the Site) to evaluate the concentrations and mass load of Table 3+ PFAS in the Cape Fear River;
- (2) Mass Loading Model program, which collects samples on a quarterly<sup>2</sup> basis from the PFAS mass loading transport pathways to the Cape Fear River and to evaluate contributions of pathways to the total mass load observed in the Cape Fear River; and
- (3) Downstream River (Bladen Bluffs, Tar Heel, and Kings Bluff) program, which collects samples on a quarterly<sup>2</sup> basis to evaluate PFAS concentrations and mass discharges at these three river locations.

## 1.1 Site Background and Remedies

Chemours operates the Fayetteville Works facility in Bladen County, North Carolina. The Site is within a 2,177-acre property at 22828 NC Highway 87, approximately 20 miles southeast of the city of Fayetteville (Figure 1).

---

<sup>1</sup> PFAS compounds attributed to Site manufacturing operations for which analytical methods exist are referred to as “Table 3+ PFAS”.

<sup>2</sup> Both the Downstream River and Mass Loading Model program sampling events were performed monthly for the first year (2021) of protocol implementation before transitioning to a quarterly sampling frequency.

Since October 2020<sup>3</sup>, Chemours installed multiple remedies to capture PFAS at the Site and to prevent PFAS from reaching the Cape Fear River. These remedies include Outfall 003 treatment system, Outfall 002 stormwater treatment system (SWTS), four on-site seeps interim flow-through cells (FTC), seep ex-situ capture systems, the groundwater extraction system, and the barrier wall remedy. The start date of operation of each remedy is as follows:

- Outfall 003 treatment system<sup>4</sup> (October 1, 2020)
- Seep C FTC (December 16, 2020)
- Seep A FTC (April 28, 2021)
- Seep B FTC (June 8, 2021)
- Seep D FTC (June 24, 2021)
- Outfall 002 SWTS (June 30, 2021)<sup>5</sup>
- Groundwater Extraction (March 14, 2023) treated at the Outfall 004 treatment system
- Seep Ex-situ Capture Systems (April 20, 2023) treated at the Outfall 004 treatment system
- Barrier wall (June 11, 2023)

## *1.2 Monitoring and Report Objectives*

This report presents data collected and analytical results for the third quarter 2025 (Q3 2025; July through September 2025) PFAS mass loading assessment of the Cape Fear River. Along with presenting the results of the composite sampling conducted at Tar Heel, this report also presents the results of the grab samples collected at three downstream locations along the Cape Fear River: Bladen Bluffs, Tar Heel, and Kings Bluff Intake Canal (Kings Bluff) (Figure 3). The Tar Heel and Bladen Bluffs locations are within 2 miles of each other. The Kings Bluff location is farther away from the Site (48 miles downstream from Tar Heel).

---

<sup>3</sup> There have been numerous other interim and permanent actions taken to limit PFAS reaching the Cape Fear River, i.e., air abatement measures (installation of the thermal oxidizer and carbon beds, etc.), grouting of the terracotta pipe, sediment removal from onsite channels, among others, and these may not be reflected in the captured mass load calculations but should be considered in the overall assessment of PFAS reductions.

<sup>4</sup> Previously referred to as Old Outfall 002 treatment system.

<sup>5</sup> Diversion sumps in the Monomers/IXM area capture stormwater flows that would otherwise flow to Outfall 002 and transfers the stormwater to the SWTS for treatment. The diversion sumps and SWTS are designed to convey and then treat stormwater from storm events up to 1-inch over 24-hours. Further details on the SWTS are provided in the Stormwater Treatment System Capture and Removal Efficiency Report (Geosyntec, 2021).

This report also summarizes the surface water and groundwater sampling (Figures 3 and 4) that was conducted to estimate the PFAS loadings from the nine different PFAS transport pathways to the Cape Fear River, as identified in the conceptual site model (Figure 5; Geosyntec, 2019). The estimated PFAS loadings were modeled for this current reporting period using Q3 2025 data and the mass loading model. A summary of the mass loading model is presented in this report, and the scope and analysis are provided in Appendix A.

The PFAS results are presented as four PFAS groupings as shown in Table 1: Total Table 3+ (17 compounds), Total Table 3+ (18 compounds), Total Table 3+ (21 compounds), and Total Attachment C (Geosyntec 2020b). Although the report tables include results for Total Attachment C, Total Table 3+ (18 compounds), and Total Table 3+ (21 compounds), the text, tables, and figures of this report focus on the Total Table 3+ (17 compounds) PFAS grouping.

## 2 Sampling Activities and Laboratory Analysis

Parsons of NC (Parsons) completed field work associated with collecting data for this Q3 2025 mass load assessment program from July 1 through September 30, 2025. The scope of sampling and analysis conducted is presented below. Details of the sampling methods and flow measurement methods can be found in the Protocol, and mass loading model sampling details are provided in Appendix A.

### 2.1 *Sampling Activities*

In Q3 2025, composite and grab samples were collected from Tar Heel (sample location CFR-TARHEEL), which is approximately 7 miles downstream of the Site (Figure 2). In addition, grab samples were collected at the three downstream locations along the Cape Fear River (Bladen Bluffs, Tar Heel, and Kings Bluff). The flow measurements were collected at W.O. Huske Dam (Station #2105500) and Cape Fear Lock and Dam #1 (Station #2105769). Field forms are provided in Appendix C. The field parameters and associated flow measurements are provided in Table 2.

The composite samples were collected using an autosampler and were generally composited over 24 hours with aliquots collected at 1-hour intervals and at two samples per week. A total of 24 primary 24-hour composite samples and 3 field duplicate composite samples were collected from this location from July 2 through September 29, 2025. The duplicate samples were collected on July 22, August 19, and September 9, 2025.

The sampler was temporarily offline or removed when it malfunctioned or was at risk of flooding. During these times, grab or partial composite samples were attempted to be collected to continue a record of river concentrations over time. A total of four grab samples

were collected from this location during the Tar Heel Mass Load Program during the date ranges listed below:

- July 8 and July 11 due to high water stage that was predicted to flood the autosampler platform (i.e., the river gage height at W.O. Huske dam was predicted to exceed 10 feet); and
- September 2 and September 29 due to autosampler malfunctions.

Grab samples were collected using a peristaltic pump and new dedicated high-density polyethylene (HDPE) or low-density polyethylene (LDPE) tubing and dedicated silicone tubing for the pump head. A total of three additional grab samples were collected this quarter as part of the Downstream River program, one from Bladen Bluffs (sample location CFR-BLADEN) on July 1, 2025, one from Tar Heel (CFR-TARHEEL) on July 2, 2025, and a parent and duplicate sample from Kings Bluff (sample location CFR-KINGS) on July 7, 2025 (Table 2).

## 2.2 Laboratory Analyses

Samples were sent to Eurofins Scientific (West Sacramento, California). The twice weekly samples from Tar Heel were analyzed for Table 3+ PFAS compounds using Method 537 Mod Max (22 compounds which includes PFHpA and PFPrA). The grab samples from Bladen Bluffs, Tar Heel, and Kings Bluff were analyzed for Table 3+ and other PFAS compounds using Method 537 Mod Max (56 compounds which includes PFPrA).

## 3 PFAS Analytical Results

Table 3+ analytical results from samples collected at Bladen Bluffs, Tar Heel, and Kings Bluff in Q3 2025 are presented in Tables 3 and 4. During this quarter, samples were within the acceptable temperature requirements for preservation during storage and shipping (i.e., between not frozen to 6°C with a target of 4°C) as outlined in the Chemours PFAS Program Quality Assurance Project Plan (QAPP; AECOM, 2018). The analytical results for the Seeps influent and effluent (to estimate remedies) are provided in *CFR Long-Term Remedy Performance Monitoring Report #11 (Q3 2025)* (Geosyntec, 2025). The laboratory reports and Data Verification Module (DVM) reports are provided in Appendix D. The analytical data have been reviewed and validated.

### 3.1 Data Validation

Laboratory analytical data for the samples collected during the Q3 2025 reporting period were reviewed using the Data Verification Module (DVM) within the Locus™ Environmental Information Management (EIM) system, a commercial data management software program. The DVM is a Chemours internal review process used to assist with the determination of

data usability. The electronic data deliverables received from the laboratory are loaded into the Locus EIM™ database and processed through a series of data quality checks, which are a combination of software, Locus EIM™ database DVM, and manual reviewer evaluations. The data are evaluated against the following data usability checks:

- Field and laboratory blank contamination
- US EPA hold time criteria
- Missing Quality Control (QC) samples
- Matrix spike (MS)/matrix spike duplicate (MSD) recoveries and the relative percent differences (RPDs) between these spikes
- Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) recoveries and the RPD between these spikes
- Surrogate spike recoveries for organic analyses
- Difference/RPD between field duplicate sample pairs
- RPD between laboratory replicates for inorganic analyses
- Difference/percent difference between total and dissolved sample pairs
- Temperature upon laboratory receipt meets the range of not frozen to 6°C with a target of 4°C (manual check)

There are two qualifier fields in EIM:

(1) **Laboratory Qualifier** is the qualifier assigned by the laboratory and may not reflect the usability of the data. This qualifier may have many different meanings and can vary between labs and over time within the same lab. Please refer to the laboratory report for a description of the laboratory qualifiers. As they are laboratory descriptors they are not to be used when evaluating the data.

(2) **Validation Qualifier** is the 3rd party formal validation qualifier if this was performed. Otherwise, this field contains the qualifier resulting from the Analytical Data Quality Management (ADQM) Group DVM review process. This qualifier assesses the usability of the data and may not equal the laboratory qualifier. The DVM applies the following data evaluation qualifiers to analysis results, as warranted:

<b>Qualifier</b>	<b>Definition</b>
B	Not detected substantially above the level reported in the laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
J	Analyte present. Reported value may not be accurate or precise.
UJ	Not detected. Reporting limit may not be accurate or precise.

The DVM and the manual review results were combined in a DVM narrative report for each set of sample results which is consistent with Stage 2b of the *USEPA Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (USEPA, 2009). The DVM narrative report summarizes which samples were qualified (if any), the specific reasons for the qualification, and any potential bias in reported results. The data usability, in view of the project's data quality objectives (DQOs), was assessed, and the data were entered into the EIM system.

Overall, the DQOs were met for accuracy and precision. The data collected are believed to be complete, representative, and comparable, with the exception of R-PSDA, Hydrolyzed PSDA, and R-EVE; matrix interference studies have shown that quantitation of these compounds is inaccurate due to interferences by the sample matrix (Geosyntec, 2020b). Results for these three analytes are J-qualified as estimated.

### *3.2 Equipment Blanks, Quality Assurance/Quality Control, and Duplicate Samples*

Equipment blanks are only collected for the Tar Heel Mass Load program sampling (CFR-TARHEEL) when maintenance activities (e.g., line changes) are performed on the autosampler. This quarter no maintenance was performed so no equipment blank samples were collected.

PFAS results for the primary and duplicate CFR-TARHEEL and CFR-KINGS samples collected July 7, July 22, August 19, and September 9, 2025, had relative percent differences less than 30% for the reported compounds<sup>6</sup> with the exception of R-PSDA for the sample CFR-TARHEEL-24-072225 which was detected at 5 and 2.8 nanograms per liter (ng/L), a difference of 2.2 ng/L. R-PSDA, a diprotic compound, is already J-qualified.

### *3.3 Analytical Results*

The Q3 2025 analytical results from the samples collected at Tar Heel are presented in Table 3. The Total Table 3+ (17 compounds) concentrations in Q3 2025 ranged from non-detect below the associated reporting limits to 67 ng/L. This range in concentrations is within the observed range in previous quarterly sampling events that occurred after the remedies were in operation.

The Q3 2025 Table 3+ analytical results from the grab samples collected at Bladen Bluffs, Tar Heel, and Kings Bluff are presented in Table 4 and the other PFAS analytical results are

---

<sup>6</sup> When a compound was detected in one sample and non-detect in the other sample, the reporting limit was substituted to calculate relative percent difference values.

provided in Appendix B. The analytical results for these downstream locations are discussed in Section 4.3.

## 4 Cape Fear River Mass Load and Mass Discharge Calculations

The analytical results from the sampling and the flows reported from W.O. Huske Dam (Station #2105500) and Cape Fear Lock and Dam #1 (Station #2105769) were used to estimate the Total Table 3+ (17 compounds) mass loads and mass discharge in the Cape Fear River. Specifically, the mass load is calculated as the product of the concentration of PFAS and the total volume of water (million gallons [MG]) that flowed past the sampling point within the sampling time interval (pounds [lbs]); and the mass discharge is calculated as the product of the concentration of PFAS and the volumetric flow rate (milligrams per second [mg/s]).

### 4.1 PFAS Mass Load in the Cape Fear River and Comparison to Baseline Mass Load

In Q3 2025, the in-river Total Table 3+ (17 compounds) mass load measured at Tar Heel was 19 lbs and is based on 53 mass loading estimation intervals (Table 5). The rolling sums of Total Table 3+ (17 compounds) mass load at Tar Heel over the last four reporting quarters were calculated, starting from Q1 2022 through this quarterly report (Table 6). These quarterly loads are summed with the loads from the preceding three quarters to calculate a rolling four-quarter Total PFAS mass load at the Cape Fear River. A total rolling four-quarter mass load captures the dynamics and inherent variability among in-river PFAS concentrations, river flows, and weather conditions (i.e., rainfall), which is well represented within a four-quarter timeframe. The rolling four-quarter total (i.e. total from a set of four consecutive quarters) allows for a quarterly cadence of evaluating Total PFAS mass load reductions from baseline, rather than an annual cadence.

The percent reduction from the total four-quarter PFAS baseline mass load (947 lbs; Geosyntec, 2023) are summarized below, detailed table notes are included in Table 6 attached to this report:

- For the total rolling four-quarter mass load ending in Q3 2025, the total in-river load was 112 lbs, which is an 88% reduction compared to the baseline load of 947 lbs.
- During the past 14 consecutive report quarters, there has been a four-quarter rolling total reduction of 75% or greater from the total baseline mass load of 947 lbs, which is inclusive of 17 total quarters.

Reporting Period	Total Table 3+ (17 Compounds)			
	Measured Mass Load in Cape Fear River (lbs) <sup>3</sup>	12-Month Rolling Mass Load (lbs)	Baseline Mass Load (lbs)	Percent Reduction in Mass Load from Baseline
Q1 2022	72	373	947	61%
Q2 2022	33	237	947	75%
Q3 2022	24	171	947	82%
Q4 2022	38	167	947	82%
Q1 2023	51	146	947	85%
Q2 2023	25	138	947	85%
Q3 2023	25	139	947	85%
Q4 2023	28	130	947	86%
Q1 2024	25	103	947	89%
Q2 2024	20	99	947	90%
Q3 2024	42	116	947	88%
Q4 2024	29	116	947	88%
Q1 2025	34	125	947	87%
Q2 2025	30	135	947	86%
Q3 2025	19	112	947	88%

PFAS mass loads to the Cape Fear River have been reduced since the baseline period because of the multiple remedies that Chemours has implemented at the Site which are working as intended and as documented in the *CFR Long-Term Remedy Performance Monitoring Report #11 (Q3 2025a)* (Geosyntec, 2025) and the *Stormwater Treatment System Monthly Monitoring Reports- July, August, and September 2025* (Chemours, 2025a-c). As a result of these remedies, the four-quarter rolling total reduction from baseline ending this quarter (88%) is above the target reduction (75%) from baseline. For the past 14 consecutive reporting quarters (and 17 total rolling quarters), the total reduction from baseline has been above the target of 75%.

In Q3 2025, the PFAS mass load prevented from discharging to the Cape Fear River was estimated using analytical results measured from samples collected at the influent and effluent of the remedies and their respective flows. Since the implementation of the groundwater extraction and barrier wall remedy, the flows at the Seep FTCs have been significantly reduced because the barrier wall cuts off the upgradient groundwater flow. Moreover, the Seep FTCs have experienced long periods without flow, for example, there was no flow observed at Seep B FTC for the entire quarter.

As a result, the total PFAS mass load captured by the Seep FTCs is less than previous quarters prior to the operation of the groundwater extraction system. During the Q3 2025 reporting period the remedies at Outfall 003, the Seeps, the 004 Groundwater Treatment Plant (GWTP), and the SWTS prevented the following Total Table 3+ PFAS mass loads from reaching the Cape Fear River:

- For the seeps FTCs, a total of 0.1 lbs was captured and prevented from reaching the Cape Fear River with a total measured flow of 0.9 MG (Geosyntec, 2025). These reductions are further discussed in the *CFR Long-Term Remedy Performance Monitoring Report #11 (Q3 2025)* (Geosyntec, 2025).
- For the 004 GWTP, a total of 49.7 lbs was captured and prevented from reaching the Cape Fear River with a total measured flow of 48.2 MG (Geosyntec, 2025). This estimate was based on the mass loading estimates of flow rate data and PFAS concentration data collected between July through September 2025 (Geosyntec, 2025). These reductions are further discussed in the *CFR Long-Term Remedy Performance Monitoring Report #11 (Q3 2025)* (Geosyntec, 2025).
- For the Outfall 003 treatment system, a total of 7.5 lbs of PFAS was captured and prevented from reaching the Cape Fear River with a total treated flow of 37 MG (Appendix B).
- For the SWTS a total HFPO-DA, PFMOAA, and PMPA mass load of 1.29 lbs was captured and prevented from reaching the Outfall 002 channel and then the Cape Fear River during storm events between July 1 to September 30, 2025 over a treated flow of 4.48 MG (Appendix B). This captured total mass likely underestimates the mass of PFAS captured by the SWTS during Q3 2025 because the samples collected are analyzed for only the three indicator compounds (HFPO-DA, PFMOAA, and PMPA) and not the full Table 3+ analyte list.

## 4.2 PFAS Mass Discharge to the Cape Fear River

Mass discharge was calculated from 32 samples collected at Tar Heel and recorded flows at W.O. Huske Dam during Q3 2025. The Total Table 3+ (17 compounds) mass discharge of the Tar Heel samples ranged from 0 mg/s<sup>7</sup> to 4.1 mg/s (Table 7), with a median mass discharge of 0.94 mg/s. The flow measured in the Cape Fear River, the Total Table 3+ concentrations, and the mass discharge over time have been plotted from the start of the Tar Heel Mass Load program (from March 28, 2020, to September 30, 2025; Figure 6) and within the last 12 months (from October 1, 2024, to September 30, 2025; Figure 7).

During this quarter, the Total Table 3+ (17 compounds) concentrations in the Cape Fear River were within range of the previous 12 months. The highest estimated mass discharge of 4.1 mg/s (July 3, 2025) corresponded to a composite sample with a concentration of 67 ng/L Total Table 3+ (17 compounds) collected the day following 1.95 inches of rainfall on July 2, 2025. Subsequent samples were collected on July 7 and 8 and had lower Total Table

---

<sup>7</sup> Calculations presented in this report assign a concentration of 0 ng/L to non-detect results; therefore, calculated mass discharges using these concentration values result in 0 mg/s mass discharge values.

3+ (17 compounds) concentrations of 20 ng/L and 0 ng/L resulting in lower mass discharge values of 3.2 mg/s and 0 mg/s, respectively.

Overall, the mass discharge values have been reduced since Q3 2021, which corresponds to the time when the Outfall 003 treatment system, the Seep FTCs and the Outfall 002 SWTS were installed and operating. Moreover, the mass discharge values continue to remain low since Q1 2023, which corresponds to the time when the groundwater extraction and barrier wall remedy were implemented.

#### *4.3 PFAS Mass Discharge at the Downstream River Locations*

In Q3 2025, Total Table 3+ (17 compounds) concentrations at the three downstream river locations ranged from 24 ng/L at CFR-BLADEN to 33 ng/L at CFR-KINGS (Table 4). The Tar Heel and Bladen Bluffs sampling locations are located within 2 miles of each other and had similar Total Table 3+ (17 compounds) concentrations at 24 ng/L for CFR-BLADEN on July 1, 2025, and 26 ng/L for CFR-TARHEEL on July 2, 2025. The Total Table 3+ (17 compounds) concentration at Kings Bluff is similar to Tar Heel and Bladen Bluffs, all of which are within the range of previous quarters.

Flows reported at Cape Fear River at Wilm O Huske Lock Near Tarheel, NC (Station #2105500) are adjusted for travel time and used in the calculation of mass discharge for Bladen Bluffs and Tar Heel. Flows reported at Cape Fear River at Lock 1 Near Kelly (Station #2105769) are used in the calculation of mass discharge for Kings Bluff.

The Total Table 3+ (17 compounds) concentrations and mass discharge values from the Q3 2025 event are summarized in the table below and in Table 7. The Total Table 3+ (17 compounds) mass discharge ranged from 0.77 mg/s (CFR-BLADEN) to 4.5 mg/s (CFR-KINGS). The mass discharge values between the Bladen and Tar Heel locations collected within a day of each other are similar at 0.77 mg/s and 0.92 mg/s. The mass discharge at Kings Bluff collected five to six days after the other two samples was higher at 4.2 to 4.5 mg/s and likely reflects increased river flow volumes, transport rates and transient mass discharge increases after a large 1.95-inch rainfall event on July 2, 2025. The Total Table 3+ (17 compounds) concentrations and mass discharges across the three downstream river locations in Q3 2025 were within the range of previous quarters.

Overall, the mass discharges at the downstream river locations have remained consistently lower since Q4 2021 than in previous assessments, reflecting the reduced mass discharge from the Site due to the implemented remedies described in Section 4.2.

Sample Location	Sample Collection Method	Sample Collection Date	Flow Rate (cfs)	Total Table 3+ (17 Compounds)	
				Concentration (ng/L)	Mass Discharge (mg/s)
CFR-BLADEN	Grab	7/1/2025	1,140	24	0.77
CFR-TARHEEL	Grab	7/2/2025	1,250	26	0.92
CFR-KINGS	Grab	7/7/2025	4,810	33	4.5
CFR-KINGS	Grab-Dup	7/7/2025	4,810	31	4.2

cfs – cubic feet per second  
 mg/s – milligrams per second  
 ng/L – nanograms per liter

#### 4.4 Calculated Mass Discharge from the Mass Loading Model Assessment

This section presents the estimation of mass discharge from the identified PFAS transport pathways using the mass loading model and an assessment of the contributions by pathway. The results of the mass loading model assessment for Q3 2025 are briefly described below. Details on the mass loading model results and calculations are provided in Appendix A.

The table below summarizes the Total Table 3+ (17 compounds) mass discharge prior to the remedies (i.e., before the water passes through the remedies) by pathway. The pathways with remedies (Seeps, Outfall 003 stream, Outfall 002, and onsite groundwater) have substantially lower mass discharges than the “before remedies” mass discharges. The total estimated mass discharge from the potential pathways is 0.96 mg/s, consistent with values since remedies have been implemented at Site.

Model Transport Pathway	Historical Before Remedies Total Table 3+ (17 Compounds) Mass Discharge (mg/s) <sup>1</sup>			Q3 2025 Total Table 3+ (17 Compounds) Mass Discharge (mg/s)
	Min	Median	Max	
Aerial Deposition	0.0057	0.0057	0.0057	0.0057
Upstream River and Groundwater	0	0.27	4.5	0.26
Willis Creek	0.31	0.57	0.96	0.37
Seeps	3.0	5.4	8.4	0.0 <sup>3</sup>
Onsite Groundwater	1.5	3.6	9.6	0.052
Outfall 002	0.006	0.10	0.68	0.021
Georgia Branch Creek	0.10	0.32	0.78	0.12
Outfall 003 Stream	0.63	2.5	4.7	0.035
Offsite Groundwater	0	0.10	1.7	0.10
<b>Total<sup>2</sup></b>	<b>6.7</b>	<b>14</b>	<b>24</b>	<b>0.96</b>

1 - Historical before remedies mass discharge values taken from mass loading model assessments that pre-dated the installation of the groundwater extraction and barrier wall remedy.

2 - Total values for historical before remedies mass discharge come from individual mass loading model assessments and therefore do not equal the sum of the values above.

3 - During Q3 2025, there was no flow at Seeps A through D and therefore there was no (i.e., zero) mass discharge.

mg/s – milligrams per second

## 5 Summary and Conclusions

The Q3 2025 Cape Fear River PFAS Mass Load Assessment estimated the Total Table 3+ (17 compounds) that were measured in the Cape Fear River over the Tar Heel Mass Load assessment period of July 1 through September 30, 2025. Over this period, the in-river Total Table 3+ (17 compounds) mass load measured at Tar Heel was 19 lbs, and the Total Table 3+ (17 compounds) mass discharge values ranged from 0 mg/s to 4.1 mg/s (median: 0.94 mg/s). The calculated rolling four-quarter total PFAS mass load of 112 lbs was used to assess reduction from the four-quarter baseline total PFAS mass load of 947 lbs (Geosyntec, 2023d). A rolling four-quarter total reduction of 88% from the baseline mass load was achieved this quarter (Q4 2024 to Q3 2025). In the past 14 consecutive reporting quarters (including this quarter), a rolling four-quarter total reduction of 75% or greater from the baseline mass load was achieved. PFAS mass loads to the Cape Fear River have been reduced since the baseline period because of the multiple remedies that Chemours has implemented at the Site, including the Seeps FTCs (0.068 lbs), 004 GWTP (49.7 lbs), Outfall 003 (7.5 lbs), and SWTS (1.29 lbs).

The PFAS mass discharge sampling at Bladen Bluffs, Tar Heel, and Kings Bluff consisted of three parent grab samples collected at the three downstream locations along Cape Fear River and one duplicate sample at Kings Bluff. The Bladen Bluffs and Tar Heel mass discharge values were similar while the Kings Bluff value was higher, due to a relatively large rainfall event occurring between the time of sampling for the first two locations and Kings Bluff. Together these mass discharge values remained consistently lower since Q4 2021, which reflects the reduced mass discharge from the Site due to the implemented remedies.

In July 2025, samples were collected from the PFAS transport pathways during a dry weather event and were used to estimate the mass discharge and the contribution per transport pathway to the Cape Fear River. The model-estimated Total Table 3+ (17 compounds) mass discharge from the potential transport pathways during Q3 2025 was 0.96 mg/s. The implementation of remedies (i.e., Outfall 003 treatment system, Seeps FTCs, and the groundwater extraction and barrier wall remedy) for the three transport pathways (Outfall 003, Seeps and Onsite Groundwater) that historically contributed the bulk of PFAS mass load show a significant decrease in mass discharge in Q3 2025 compared to historical, pre-remediation ranges. For the remaining transport pathways, mass discharges are either within or lower than the range of previous values as described in the November 2025 *Request to Modify Cape Fear River PFAS Mass Loading Protocol* memorandum (Caliber Insights, 2025).

## 6 References

- AECOM. (2018). Poly and Perfluoroalkyl Substance Quality Assurance Project Plan for the Chemours Corporate Remediation Group. August 2018.
- Caliber Insights. (2025). Request to Modify Cape Fear River PFAS Mass Loading Protocol. November 21, 2025. Chemours Fayetteville Works, North Carolina.
- Chemours. (2025a). Chemours Stormwater Treatment System Monthly Monitoring Report – July 2025, Chemours Fayetteville works. October 2025.
- Chemours. (2025b). Chemours Stormwater Treatment System Monthly Monitoring Report – August 2025, Chemours Fayetteville works. October 2025.
- Chemours. (2025c). Chemours Stormwater Treatment System Monthly Monitoring Report – September 2025, Chemours Fayetteville works. October 2025.
- Geosyntec Consultants. (2019). Cape Fear River PFAS Mass Loading Model Assessment and Paragraph 11.1 Characterization of PFAS at Intakes. August 2019. Chemours Fayetteville Works, North Carolina.
- Geosyntec Consultants. (2020a). Cape Fear River PFAS Mass Loading Calculation Protocol, Version 2: November 13, 2020. Chemours Fayetteville Works, North Carolina.
- Geosyntec Consultants. (2020b). Matrix Interference During Analysis of Table 3+ Compounds. June 30, 2020. Chemours Fayetteville Works, North Carolina.
- Geosyntec Consultants. (2021). Stormwater Treatment System Capture and Removal Efficiency Report, Chemours Fayetteville Works. September 30, 2021.
- Geosyntec Consultants. (2023). Cape Fear River PFAS Mass Loading Assessment – Third Quarter 2023. December 2023. Chemours Fayetteville Works, North Carolina.
- Geosyntec Consultants. (2025). CFR Long-Term Remedy Performance Monitoring Report #11 (Q3 2025). Chemours Fayetteville Works. December 2025.

# Tables

**Table 1**  
**PFAS Analyte List**  
Chemours Fayetteville Works, North Carolina

Common Name	PFAS Grouping <sup>1</sup>				Chemical Name	CASRN	Chemical Formula
	Attachment C	Table 3+ (17 compounds)	Table 3+ (18 compounds)	Table 3+ (21 compounds)			
HFPO-DA	✓	✓	✓	✓	Hexafluoropropylene oxide dimer acid	13252-13-6	C6HF11O3
PEPA	✓	✓	✓	✓	Perfluoro-2-ethoxypropionic acid	267239-61-2	C5HF9O3
PFECA-G	✓	✓	✓	✓	Perfluoro-4-isopropoxybutanoic acid	801212-59-9	C12H9F9O3S
PFMOAA	✓	✓	✓	✓	Perfluoro-2-methoxyacetic acid	674-13-5	C3HF5O3
PFO2HxA	✓	✓	✓	✓	Perfluoro-3,5-dioxaheptanoic acid	39492-88-1	C4HF7O4
PFO3OA	✓	✓	✓	✓	Perfluoro-3,5,7-trioxaoctanoic acid	39492-89-2	C5HF9O5
PFO4DA	✓	✓	✓	✓	Perfluoro-3,5,7,9-tetraoxadecanoic acid	39492-90-5	C6HF11O6
PMPA	✓	✓	✓	✓	Perfluoro-2-methoxypropionic acid	13140-29-9	C4HF7O3
Hydro-EVE Acid	--	✓	✓	✓	2,2,3,3-tetrafluoro-3-((1,1,1,2,3,3-hexafluoro-3-((1,2,2,2-tetrafluoroethyl)oxy)propan-2-yl)oxy)propionic acid	773804-62-9	C8H2F14O4
EVE Acid	--	✓	✓	✓	2,2,3,3-tetrafluoro-3-((1,1,1,2,3,3-hexafluoro-3-((1,2,2-trifluoroethyl)oxy)propan-2-yl)oxy)propionic acid	69087-46-3	C8HF13O4
PFECA B	--	✓	✓	✓	Perfluoro-3,6-dioxaheptanoic acid	151772-58-6	C5HF9O4
R-EVE	--	--	--	✓	4-(2-Carboxy-1,1,2,2-tetrafluoroethoxy)-perfluoropentanoic acid	2416366-22-6	C8H2F12O5
PFO5DA	✓	✓	✓	✓	Perfluoro-3,5,7,9,11-pentaaxadodecanoic acid	39492-91-6	C7HF13O7
R-PSDA	--	--	--	✓	Pentanoic acid, 2,2,3,3,4,5,5-octafluoro-4-(1,1,2,2-tetrafluoro-2-sulfoethoxy)-	2416366-18-0	C7H2F12O6S
R-PSDCA	--	✓	✓	✓	1,1,2,2-Tetrafluoro-2-((1,1,1,2,3,3,4,4-octafluorobutan-2-yl)oxy)ethane-1-sulfonic acid	2416366-21-5	C6H2F12O4S
Hydrolyzed PSDA	--	--	--	✓	Fluoro(perfluoro-2-(perfluoro-2-sulfoethoxy)propoxy)acetic acid	2416366-19-1	C7H3F11O7S
NVHOS	--	✓	✓	✓	1,1,2,2,4,5,5,5-heptafluoro-3-oxapentanesulfonic acid; or 2-(1,2,2,2-ethoxy)tetrafluoroethanesulfonic acid	801209-99-4	C4H2F8O4S
PES	--	✓	✓	✓	Perfluoro-2-ethoxyethanesulfonic acid	113507-82-7	C4HF9O4S
PS Acid	✓	✓	✓	✓	Perfluoro-3,6-dioxa-4-methyl-7-octene-1-sulfonic acid	29311-67-9	C7HF13O5S
Hydro-PS Acid	✓	✓	✓	✓	5-(1,2,2,2-Tetrafluoro)ethoxy-perfluoro-3-oxa-4-methylpentanesulfonic acid	749836-20-2	C7H2F14O5S
PFPrA	--	--	✓	✓	Perfluoropropanoic acid	422-64-0	C3HF5O2

**Notes:**  
 1 - As reported in the Matrix Interference During Analysis of Table 3+ Compounds memorandum (Geosyntec, 2020a), matrix interference studies conducted by the analytical laboratory (TestAmerica, Sacramento) have shown that the quantitation of three compounds (R-PSDA, Hydrolyzed PSDA, and R-EVE) is inaccurate due to interferences by the sample matrix in both groundwater and surface water. Given the matrix interference issues, Total Table 3+ PFAS concentrations have been calculated and presented as: (i) the summation of 17 of the Table 3+ compounds "Total Table 3+ (17 compounds)", i.e., does not include PFHpA, R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA; (ii) the summation of 18 of the Table 3+ compounds "Total Table 3+ (18 compounds)", i.e., does not include PFHpA, R-PSDA, Hydrolyzed PSDA, and R-EVE; and (iii) the summation of 21 of the Table 3+ compounds "Total Table 3+ (21 compounds)".

**Abbreviations:**  
 -- - not included in the PFAS grouping  
 CASRN - Chemical Abstracts Service Registry Number  
 PFAS - per- and polyfluoroalkyl substances

**Table 2**  
**Cape Fear River Field Parameters and Flow Measurements - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	Sample ID	QA/QC	Date and Time	Sample Collection								Flow Measurements		
				Method	Hours Composited <sup>1</sup>	pH (S.U.)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Specific Conductivity (µS/cm)	Temperature (°C)	Method	Total Volume (MG) <sup>2</sup>	Instantaneous Flow Rate (ft <sup>3</sup> /s) <sup>3</sup>
<b>Cape Fear River at Tar Heel Mass Load Program Samples</b>														
	CAP3Q25-CFR-TARHEEL-24-070225	--	07-02-2025 23:01	Composite	24	7.21	6.72	69.5	27.5	152.4	28.7	USGS Data <sup>7</sup>	794	--
	CFR-TARHEEL-24-070325	--	07-03-2025 23:01	Composite	24	7.34	6.26	44.6	24.6	165	28.17	USGS Data <sup>7</sup>	1,299	--
	CFR-TARHEEL-18-070725	--	07-07-2025 17:01	Composite	18	7.06	6.94	134.8	171	255.5	30.45	USGS Data <sup>7</sup>	3,199	--
	CFR-TARHEEL-070825	--	07-08-2025 15:00	Grab	0	7.77	6.64	-89.8	273.8	146.8	27.21	USGS Data <sup>7</sup>	--	29,500
	CFR-TARHEEL-071125	--	07-11-2025 10:40	Grab	0	7.08	6.98	105.1	63.2	81.55	28	USGS Data <sup>7</sup>	--	16,800
	CFR-TARHEEL-24-071525	--	07-15-2025 23:01	Composite	24	7.47	7.37	59.4	94.4	245.4	30.58	USGS Data <sup>7</sup>	8,055	--
	CFR-TARHEEL-24-071725	--	07-17-2025 23:01	Composite	24	6.18	7.67	190.4	122	80.5	28.3	USGS Data <sup>7</sup>	10,100	--
	CFR-TARHEEL-24-072225	--	07-22-2025 23:01	Composite	24	7.05	7.51	168.2	65.2	117.3	29.86	USGS Data <sup>7</sup>	8,939	--
	CFR-TARHEEL-24-072225-D	Field Duplicate	07-22-2025 23:01	Composite	24	7.05	7.51	168.2	65.2	117.3	29.86	USGS Data <sup>7</sup>	8,939	--
	CFR-TARHEEL-24-072425	--	07-24-2025 23:01	Composite	24	7.15	6.89	145.9	65.5	114.2	31.23	USGS Data <sup>7</sup>	8,459	--
	CFR-TARHEEL-24-072925	--	07-29-2025 23:01	Composite	24	6.78	7.09	200.5	21.9	110.4	28.1	USGS Data <sup>7</sup>	3,358	--
	CFR-TARHEEL-24-073125	--	07-31-2025 23:01	Composite	24	7.12	6.43	142.3	25.9	110.1	31.96	USGS Data <sup>7</sup>	1,081	--
	CFR-TARHEEL-17-080425	--	08-04-2025 16:01	Composite	24	6.7	6.98	182.6	23.7	133.2	25.87	USGS Data <sup>7</sup>	1,663	--
	CFR-TARHEEL-24-080825	--	08-08-2025 23:01	Composite	24	NM					USGS Data <sup>7</sup>	7,562	--	
	CFR-TARHEEL-24-081125	--	08-11-2025 23:49	Composite	24	7.19	7.22	171.9	125	143.9	29.64	USGS Data <sup>7</sup>	6,832	--
CFR-TARHEEL <sup>4</sup>	CFR-TARHEEL-10-081425	--	08-14-2025 09:01	Composite	10	7.19	6.72	178.8	70.1	175.4	27.29	USGS Data <sup>7</sup>	4,790	--
	CFR-TARHEEL-24-081925	--	08-19-2025 23:01	Composite	24	6.31	6.68	93.4	46.5	102.2	27.5	USGS Data <sup>7</sup>	2,458	--
	CFR-TARHEEL-24-081925-D	Field Duplicate	08-19-2025 23:01	Composite	24	6.31	6.68	93.4	46.5	102.2	27.5	USGS Data <sup>7</sup>	2,458	--
	CFR-TARHEEL-24-082225	--	08-22-2025 23:01	Composite	24	6.23	7.16	108.3	26.9	114	26.45	USGS Data <sup>7</sup>	1,227	--
	CFR-TARHEEL-24-082525	--	08-25-2025 23:01	Composite	24	6.88	7.19	164.9	30.1	98.7	27.2	USGS Data <sup>7</sup>	855	--
	CFR-TARHEEL-24-082825	--	08-28-2025 23:01	Composite	24	6.06	7.08	105.4	20.3	693.6	27.65	USGS Data <sup>7</sup>	626	--
	CFR-TARHEEL-090225	--	09-02-2025 13:20	Grab	0	6.93	8.12	125.9	20.8	192.6	22.38	USGS Data <sup>7</sup>	--	889
	CFR-TARHEEL-24-090525	--	09-05-2025 23:01	Composite	24	6.89	6.93	153.6	18.23	178.8	29.69	USGS Data <sup>7</sup>	495	--
	CFR-TARHEEL-24-090925	--	09-09-2025 23:01	Composite	24	7.68	7.59	96	10.5	214.2	28.45	USGS Data <sup>7</sup>	890	--
	CFR-TARHEEL-24-090925-D	Field Duplicate	09-09-2025 23:01	Composite	24	7.68	7.59	96	10.5	214.2	28.45	USGS Data <sup>7</sup>	890	--
	CFR-TARHEEL-24-091125	--	09-11-2025 23:01	Composite	24	7.16	7.75	85.1	31	153.2	23.68	USGS Data <sup>7</sup>	900	--
	CFR-TARHEEL-24-091525	--	09-15-2025 23:01	Composite	24	6.89	7.2	72.5	20.3	176.1	26.48	USGS Data <sup>7</sup>	590	--
	CFR-TARHEEL-24-091825	--	09-18-2025 23:01	Composite	24	7.71	6.31	106	14.13	321.4	30.07	USGS Data <sup>7</sup>	521	--
	CFR-TARHEEL-24-092225	--	09-22-2025 23:01	Composite	24	7.04	7.91	122.9	11.01	175.2	28.11	USGS Data <sup>7</sup>	470	--
	CFR-TARHEEL-15-092525	--	09-25-2025 14:01	Composite	15	6.91	7.27	106.6	6.39	226.8	30.09	USGS Data <sup>7</sup>	298	--
	CFR-TARHEEL-092925	--	09-29-2025 10:27	Grab	0	6.97	7.32	96.2	5.03	204.6	24.62	USGS Data <sup>7</sup>	--	1,270

**Table 2**  
**Cape Fear River Field Parameters and Flow Measurements - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	Sample ID	QA/QC	Date and Time	Sample Collection								Flow Measurements		
				Method	Hours Composited <sup>1</sup>	pH (S.U.)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Specific Conductivity (µS/cm)	Temperature (°C)	Method	Total Volume (MG) <sup>2</sup>	Instantaneous Flow Rate (ft <sup>3</sup> /s) <sup>3</sup>
<b>Downstream River Program Samples</b>														
CFR-BLADEN <sup>5</sup>	CAP3Q25-CFR-BLADEN-070125	--	07-01-2025 18:10	Grab	0	7.07	7.07	94.6	27.4	111	31.29	USGS Data <sup>8</sup>	--	1,140
CFR-TARHEEL <sup>4</sup>	CAP3Q25-CFR-TARHEEL-070225	--	07-02-2025 13:15	Grab	0	7.05	6.88	90.2	23.3	137.2	31.1	USGS Data <sup>7</sup>	--	1,250
CFR-KINGS <sup>6</sup>	CAP3Q25-CFR-KINGS-070725	--	07-07-2025 11:40	Grab	0	7.48	5.48	97.7	23.5	533.4	31.73	USGS Data <sup>9</sup>	--	4,810
CFR-KINGS <sup>6</sup>	CAP3Q25-CFR-KINGS-070725-D	Field Duplicate	07-07-2025 11:40	Grab	0	7.48	5.48	97.7	23.5	533.4	31.73	USGS Data <sup>9</sup>	--	4,810

**Notes:**

- 1 - Samples with a compositing duration of zero (0) hours are grab samples.
- 2 - Total flow volume is determined based on measurements taken over the sample collection period.
- 3 - For samples with a duration of zero (0) hours, i.e., grab samples, the instantaneous flow rate was used.
- 4 - The sample location is along the Cape Fear River at Tar Heel Ferry Road Bridge.
- 5 - The sample location is along the Cape Fear River at Bladen Bluffs.
- 6 - The sample location is along the Cape Fear River at Kings Bluff.
- 7 - Flow rate measured at USGS gauging station #02105500 located at William O Huske Lock & Dam used to estimate either instantaneous flow rate at Tar Heel Ferry Road Bridge or total volume of flow during the 24-hr composite sample collection.
- 8 - Flow rate measured at USGS gauging station #02105500 located at William O Huske Lock & Dam used to estimate instantaneous flow rate at Bladen Bluffs during sample collection.
- 9 - Flow rate measured at USGS gauging station #02105769 located at Lock #1 near Kelly used to estimate instantaneous flow rate at Kings Bluff during sample collection.

**Abbreviations:**

- not applicable
- °C - degrees Celsius
- ft<sup>3</sup> - cubic feet
- ft<sup>3</sup>/s - cubic feet per second
- mg/L - milligrams per liter
- mV- millivolts
- NM - not measured; field parameters were not collected.
- NTU - Nephelometric turbidity unit
- ORP - oxidation reduction potential
- QA/QC - quality assurance/ quality control
- S.U. - standard units
- USGS - United States Geological Survey
- µS/cm - microsiemens per centimeter

**Table 3**  
**Tar Heel Ferry Road Bridge Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CAP3Q25-CFR-TARHEEL-24-070225	CFR-TARHEEL-24-070325	CFR-TARHEEL-18-070725
Sample Date	2025-07-02	2025-07-03	2025-07-07
Sample Type	Composite	Composite	Composite
Sample Start Date Time	7/2/25 00:01	7/3/25 00:01	7/7/25 00:01
Sample Stop Date Time	7/2/25 23:01	7/3/25 23:01	7/7/25 17:01
Composite Duration (hours) <sup>1</sup>	24	24	18
QA/QC			
Sample Delivery Group (SDG)	320-123432-1	320-123374-1	320-123460-1
Lab Sample ID	320-123432-1	320-123374-2	320-123460-2
<b>Table 3+ (ng/L)</b>			
HFPO-DA	9.3	18	4.2
PFMOAA	12	12	3.3
PFO2HxA	11	12	4.5
PFO3OA	3.6	3	<2
PFO4DA	<2	<2	<2
PFO5DA	<2	<2	<2
PMPA	12	18	8.4
PEPA	2.4	4.1	<2
PS Acid	<2	<2	<2
Hydro-PS Acid	<2	<2	<2
R-PSDA	9.9 J	23 J	12 J
Hydrolyzed PSDA	7.6 J	11 J	3.2 J
R-PSDCA	<3	<3	<3
NVHOS	<3	<3	<3
EVE Acid	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2
R-EVE	8.5 J	6 J	5.5 J
PFECA B	<2	<2	<2
PES	<2	<2	<2
PFECA-G	<2	<2	<2
PFPrA	44	46	20
PFHpA	2.9	3	3.2
<b>Total Attachment C<sup>2,3</sup></b>	50	67	20
<b>Total Table 3+ (17 compounds)<sup>3,4</sup></b>	50	67	20
<b>Total Table 3+ (18 compounds)<sup>3,5</sup></b>	94	110	40
<b>Total Table 3+ (21 compounds)<sup>3,6</sup></b>	120	150	61

**Table 3**  
**Tar Heel Ferry Road Bridge Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-070825	CFR-TARHEEL-071125	CFR-TARHEEL-24-071525	CFR-TARHEEL-24-071725
Sample Date	2025-07-08	2025-07-11	2025-07-15	2025-07-17
Sample Type	Grab	Grab	Composite	Composite
Sample Start Date Time	7/8/25 16:00	7/11/25 11:40	7/15/25 00:01	7/17/25 00:01
Sample Stop Date Time	7/8/25 15:00	7/11/25 10:40	7/15/25 23:01	7/17/25 23:01
Composite Duration (hours) <sup>1</sup>	0	0	24	24
QA/QC				
Sample Delivery Group (SDG)	320-123460-1	320-123460-1	320-123670-1	320-123670-1
Lab Sample ID	320-123460-1	320-123460-3	320-123670-1	320-123670-2
<b>Table 3+ (ng/L)</b>				
HFPO-DA	<4	<4	<4	<4
PFMOAA	<2	<2	<2	<2
PFO2HxA	<2	<2	<2	<2
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	<2	2.3	<2	<2
PEPA	<2	<2	<2	<2
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	<2	7.5 J	2.7 J	3.4 J
Hydrolyzed PSDA	<2	<2	<2	<2
R-PSDCA	<3	<3	<3	<3
NVHOS	<3	<3	<3	<3
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PES	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
PFPrA	5.7	12	9.1	7.9
PFHpA	<2	<2	2.5	2.8
<b>Total Attachment C<sup>2,3</sup></b>	ND	2.3	ND	ND
<b>Total Table 3+ (17 compounds)<sup>3,4</sup></b>	ND	2.3	ND	ND
<b>Total Table 3+ (18 compounds)<sup>3,5</sup></b>	5.7	14	9.1	7.9
<b>Total Table 3+ (21 compounds)<sup>3,6</sup></b>	5.7	22	12	11

**Table 3**  
**Tar Heel Ferry Road Bridge Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-072225	CFR-TARHEEL-24-072225-D	CFR-TARHEEL-24-072425	CFR-TARHEEL-24-072925
Sample Date	2025-07-22	2025-07-22	2025-07-24	2025-07-29
Sample Type	Composite	Composite	Composite	Composite
Sample Start Date Time	7/22/25 00:01	7/22/25 00:01	7/24/25 00:01	7/29/25 00:01
Sample Stop Date Time	7/22/25 23:01	7/22/25 23:01	7/24/25 23:01	7/29/25 23:01
Composite Duration (hours) <sup>1</sup>	24	24	24	24
QA/QC		Field Duplicate		
Sample Delivery Group (SDG)	320-123896-1	320-123896-1	320-123896-1	320-124041-1
Lab Sample ID	320-123896-1	320-123896-2	320-123896-3	320-124041-1
<b>Table 3+ (ng/L)</b>				
HFPO-DA	<4	<4	<4	<4
PFMOAA	<2	<2	<2	2.5
PFO2HxA	<2	<2	<2	2.1
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	<2	<2	<2	2.5
PEPA	<2	<2	<2	<2
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	5 J	2.8 J	<2	6.3 J
Hydrolyzed PSDA	<2	<2	<2	<2
R-PSDCA	<3	<3	<3	<3
NVHOS	<3	<3	<3	<3
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PES	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
PFPrA	10	10	9.2	14
PFHpA	3	2.8	3	2.9
<b>Total Attachment C<sup>2,3</sup></b>	ND	ND	ND	7.1
<b>Total Table 3+ (17 compounds)<sup>3,4</sup></b>	ND	ND	ND	7.1
<b>Total Table 3+ (18 compounds)<sup>3,5</sup></b>	10	10	9.2	21
<b>Total Table 3+ (21 compounds)<sup>3,6</sup></b>	15	13	9.2	27

**Table 3**  
**Tar Heel Ferry Road Bridge Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-073125	CFR-TARHEEL-17-080425	CFR-TARHEEL-24-080825	CFR-TARHEEL-24-081125
Sample Date	2025-07-31	2025-08-04	2025-08-08	2025-08-11
Sample Type	Composite	Composite	Composite	Composite
Sample Start Date Time	7/31/25 00:01	8/3/25 17:01	8/8/25 00:01	8/11/25 00:49
Sample Stop Date Time	7/31/25 23:01	8/4/25 16:01	8/8/25 23:01	8/11/25 23:49
Composite Duration (hours) <sup>1</sup>	24	24	24	24
QA/QC				
Sample Delivery Group (SDG)	320-124041-1	320-124235-1	320-124235-1	320-124394-1
Lab Sample ID	320-124041-2	320-124235-1	320-124235-2	320-124394-1
<b>Table 3+ (ng/L)</b>				
HFPO-DA	<4	<4	<4	<4
PFMOAA	5.3	4.8	<2	<2
PFO2HxA	3.6	5.1	<2	<2
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	4.5	7.6	<2	2.3
PEPA	<2	<2	<2	<2
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	7.6 J	7.8 J	9.6 J	5.8 J
Hydrolyzed PSDA	3.3 J	3 J	<2	<2
R-PSDCA	<3	<3	<3	<3
NVHOS	<3	<3	3.1	<3
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	<2	3.2 J	<2	2.1 J
PFECA B	<2	<2	<2	<2
PES	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
PFPrA	17	22	9.2	11
PFHpA	2.9	2.6	2.3	2.7
<b>Total Attachment C<sup>2,3</sup></b>	13	18	ND	2.3
<b>Total Table 3+ (17 compounds)<sup>3,4</sup></b>	13	18	3.1	2.3
<b>Total Table 3+ (18 compounds)<sup>3,5</sup></b>	30	40	12	13
<b>Total Table 3+ (21 compounds)<sup>3,6</sup></b>	41	53	22	21

**Table 3**  
**Tar Heel Ferry Road Bridge Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-10-081425	CFR-TARHEEL-24-081925	CFR-TARHEEL-24-081925-D	CFR-TARHEEL-24-082225
Sample Date	2025-08-14	2025-08-19	2025-08-19	2025-08-22
Sample Type	Composite	Composite	Composite	Composite
Sample Start Date Time	8/14/25 00:01	8/19/25 00:01	8/19/25 00:01	8/22/25 00:01
Sample Stop Date Time	8/14/25 09:01	8/19/25 23:01	8/19/25 23:01	8/22/25 23:01
Composite Duration (hours) <sup>1</sup>	10	24	24	24
QA/QC			DUP	
Sample Delivery Group (SDG)	320-124394-1	320-124610-1	320-124610-1	320-124610-1
Lab Sample ID	320-124394-2	320-124610-1	320-124610-2	320-124610-3
<b>Table 3+ (ng/L)</b>				
HFPO-DA	<4	<4	<4	<4
PFMOAA	<2	3.7	3.4	5.4
PFO2HxA	<2	3.7	3.6	4.8
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	<2	4.9	5.3	6.4
PEPA	<2	<2	<2	<2
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	7 J	11 J	9.5 J	9.1 J
Hydrolyzed PSDA	<2	2.1 J	2.3 J	3.3 J
R-PSDCA	<3	<3	<3	<3
NVHOS	<3	<3	<3	<3
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	<2	2.2 J	2.2 J	2.9 J
PFECA B	<2	<2	<2	<2
PES	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
PFPrA	11	18	18	24
PFHpA	2.3	<2	<2	2.2
<b>Total Attachment C<sup>2,3</sup></b>	ND	12	12	17
<b>Total Table 3+ (17 compounds)<sup>3,4</sup></b>	ND	12	12	17
<b>Total Table 3+ (18 compounds)<sup>3,5</sup></b>	11	30	30	41
<b>Total Table 3+ (21 compounds)<sup>3,6</sup></b>	18	46	44	56

**Table 3**  
**Tar Heel Ferry Road Bridge Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-082525	CFR-TARHEEL-24-082825	CFR-TARHEEL-090225	CFR-TARHEEL-24-090525
Sample Date	2025-08-25	2025-08-28	2025-09-02	2025-09-05
Sample Type	Composite	Composite	Grab	Composite
Sample Start Date Time	8/25/25 00:01	8/28/25 00:01	9/2/25 14:20	9/5/25 00:01
Sample Stop Date Time	8/25/25 23:01	8/28/25 23:01	9/2/25 13:20	9/5/25 23:01
Composite Duration (hours) <sup>1</sup>	24	24	0	24
QA/QC				
Sample Delivery Group (SDG)	320-124796-1	320-124796-1	320-125029-1	320-125029-1
Lab Sample ID	320-124796-1	320-124796-2	320-125029-1	320-125029-2
<b>Table 3+ (ng/L)</b>				
HFPO-DA	4.6	5.6	5.6	5.9
PFMOAA	7.1	8.4	11	12
PFO2HxA	4.8	6.2	7.2	6.8
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	8.4	8.6	9.2	9
PEPA	<2	<2	<2	<2
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	9.2 J	30 J	18 J	34 J
Hydrolyzed PSDA	5.5 J	8.2 J	8.6 J	11 J
R-PSDCA	<3	<3	<3	<3
NVHOS	<3	6.7	<3	9.1
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	4.5 J	5.9 J	4.2 J	5.4 J
PFECA B	<2	<2	<2	<2
PES	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
PFPrA	27	33	32	34
PFHpA	2.4	2.5	2.5	2.7
<b>Total Attachment C<sup>2,3</sup></b>	25	29	33	34
<b>Total Table 3+ (17 compounds)<sup>3,4</sup></b>	25	36	33	43
<b>Total Table 3+ (18 compounds)<sup>3,5</sup></b>	52	68	65	77
<b>Total Table 3+ (21 compounds)<sup>3,6</sup></b>	71	110	96	130

**Table 3**  
**Tar Heel Ferry Road Bridge Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-090925	CFR-TARHEEL-24-090925-D	CFR-TARHEEL-24-091125	CFR-TARHEEL-24-091525
Sample Date	2025-09-09	2025-09-09	2025-09-11	2025-09-15
Sample Type	Composite	Composite	Composite	Composite
Sample Start Date Time	9/9/25 00:01	9/9/25 00:01	9/11/25 00:01	9/15/25 00:01
Sample Stop Date Time	9/9/25 23:01	9/9/25 23:01	9/11/25 23:01	9/15/25 23:01
Composite Duration (hours) <sup>1</sup>	24	24	24	24
QA/QC		DUP		
Sample Delivery Group (SDG)	320-125207-1	320-125207-1	320-125207-1	320-125557-1
Lab Sample ID	320-125207-1	320-125207-2	320-125207-3	320-125557-1
<b>Table 3+ (ng/L)</b>				
HFPO-DA	4.1	<4	<4	5.2
PFMOAA	8.5	8.6	6.7	9.2
PFO2HxA	7.7	7.5	5.8	7.1
PFO3OA	2.1 J	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	8.3	7.6	5.6	7.9
PEPA	<2	<2	<2	2.1
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	20 J	20 J	26 J	17 J
Hydrolyzed PSDA	7.5 J	7.3 J	7.5 J	6.7 J
R-PSDCA	<3	<3	<3	<3
NVHOS	3.3	3.8	6.1	<3
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	5.3 J	5.7 J	5.2 J	4.7 J
PFECA B	<2	<2	<2	<2
PES	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
PFPrA	32	33	31	26
PFHpA	2.7	2.8	2.7	2.9
<b>Total Attachment C<sup>2,3</sup></b>	31	24	18	32
<b>Total Table 3+ (17 compounds)<sup>3,4</sup></b>	34	28	24	32
<b>Total Table 3+ (18 compounds)<sup>3,5</sup></b>	66	60	55	58
<b>Total Table 3+ (21 compounds)<sup>3,6</sup></b>	99	93	94	86

**Table 3**  
**Tar Heel Ferry Road Bridge Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-091825	CFR-TARHEEL-24-092225	CFR-TARHEEL-15-092525
Sample Date	2025-09-18	2025-09-22	2025-09-25
Sample Type	Composite	Composite	Composite
Sample Start Date Time	9/18/25 00:01	9/22/25 00:01	9/25/25 00:01
Sample Stop Date Time	9/18/25 23:01	9/22/25 23:01	9/25/25 14:01
Composite Duration (hours) <sup>1</sup>	24	24	15
QA/QC			
Sample Delivery Group (SDG)	320-125557-1	320-125854-1	320-125854-1
Lab Sample ID	320-125557-2	320-125854-1	320-125854-2
<b>Table 3+ (ng/L)</b>			
HFPO-DA	6.2	5.4	5.8
PFMOAA	11	12	13
PFO2HxA	7.8	6.7	7.4
PFO3OA	<2	<2	<2
PFO4DA	<2	<2	<2
PFO5DA	<2	<2	<2
PMPA	8.2	7.8	8.3
PEPA	<2	<2	<2
PS Acid	<2	<2	<2
Hydro-PS Acid	<2	<2	<2
R-PSDA	19 J	21 J	19 J
Hydrolyzed PSDA	9.1 J	9.3 J	10 J
R-PSDCA	<3	<3	<3
NVHOS	<3	8.2	4.5
EVE Acid	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2
R-EVE	6 J	4.3 J	3.9 J
PFECA B	<2	<2	<2
PES	<2	<2	<2
PFECA-G	<2	<2	<2
PFPPrA	29	31	28
PFHpA	2.8	3.2	3.2
<b>Total Attachment C<sup>2,3</sup></b>	33	32	34
<b>Total Table 3+ (17 compounds)<sup>3,4</sup></b>	33	40	39
<b>Total Table 3+ (18 compounds)<sup>3,5</sup></b>	62	71	67
<b>Total Table 3+ (21 compounds)<sup>3,6</sup></b>	96	110	100

**Table 3**  
**Tar Heel Ferry Road Bridge Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

<b>Location ID</b>	<b>CFR-TARHEEL</b>
<b>Field Sample ID</b>	<b>CFR-TARHEEL-092925</b>
<b>Sample Date</b>	<b>2025-09-29</b>
<b>Sample Type</b>	<b>Grab</b>
<b>Sample Start Date Time</b>	<b>9/29/25 11:27</b>
<b>Sample Stop Date Time</b>	<b>9/29/25 10:27</b>
<b>Composite Duration (hours)<sup>1</sup></b>	<b>0</b>
<b>QA/QC</b>	
<b>Sample Delivery Group (SDG)</b>	<b>320-125984-1</b>
<b>Lab Sample ID</b>	<b>320-125984-1</b>
<b>Table 3+ (ng/L)</b>	
HFPO-DA	<4 UJ
PFMOAA	<b>5 J</b>
PFO2HxA	<b>3.4 J</b>
PFO3OA	<2 UJ
PFO4DA	<2 UJ
PFO5DA	<2 UJ
PMPA	<b>3 J</b>
PEPA	<2 UJ
PS Acid	<2 UJ
Hydro-PS Acid	<2 UJ
R-PSDA	<b>16 J</b>
Hydrolyzed PSDA	<b>6.4 J</b>
R-PSDCA	<3 UJ
NVHOS	<b>8.4 J</b>
EVE Acid	<2 UJ
Hydro-EVE Acid	<2 UJ
R-EVE	<b>2.4 J</b>
PFECA B	<2 UJ
PES	<2 UJ
PFECA-G	<2 UJ
PFPrA	<b>17</b>
PFHpA	<b>2.6 J</b>
<b>Total Attachment C<sup>2,3</sup></b>	<b>11</b>
<b>Total Table 3+ (17 compounds)<sup>3,4</sup></b>	<b>20</b>
<b>Total Table 3+ (18 compounds)<sup>3,5</sup></b>	<b>37</b>
<b>Total Table 3+ (21 compounds)<sup>3,6</sup></b>	<b>62</b>

**Notes:**

- 1 - Grab samples are assigned a compositing duration of zero (0) hours.
- 2 - Total Attachment C does not include Perfluoroheptanoic acid (PFHpA).
- 3 - Total Table 3+ and Total Attachment C were calculated including J qualified data and excluding non-detect data. The sum is rounded to two significant figures.
- 4 - Total Table 3+ (17 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
- 5 - Total Table 3+ (18 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, and R-EVE.
- 6 - Total Table 3+ (21 compounds) does not include Perfluoroheptanoic acid (PFHpA).

**Abbreviations:**

**Bold** - analyte detected above associated reporting limit

-- - not analyzed

J - analyte detected; reported value may not be accurate or precise

ND - no Table 3+ analytes were detected above the associated reporting limits

ng/L - nanograms per liter

QA/QC - quality assurance/ quality control

UJ - analyte not detected; reporting limit may not be accurate or precise

< - analyte not detected above associated reporting limit

**Table 4**  
**Downstream Cape Fear River Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	CFR-BLADEN	CFR-KINGS	CFR-KINGS	CFR-TARHEEL
Field Sample ID	CAP3Q25-CFR-BLADEN-070125	CAP3Q25-CFR-KINGS-070725	CAP3Q25-CFR-KINGS-070725-D	CAP3Q25-CFR-TARHEEL-070225
Sample Date	2025-07-01	2025-07-07	2025-07-07	2025-07-02
QA/QC			Field Duplicate	
Sample Delivery Group (SDG)	320-123125-1	320-123368-1	320-123368-1	320-123125-1
Lab Sample ID	320-123125-3	320-123368-1	320-123368-2	320-123125-5
<b>Table 3+ (ng/L)</b>				
HFPO-DA	5.3	4.4	4.5	5
PFMOAA	4.1	7.4	6.9	4.7
PFO2HxA	5.4	7.2	7.4	5.7
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	9	12	12	8.6
PEPA	<2	2.2	<2	2
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	6 J	7.8 J	9.5 J	5.8 J
Hydrolyzed PSDA	3.9 J	4.4 J	4.6 J	4 J
R-PSDCA	<3	<3	<3	<3
NVHOS	<3	<3	<3	<3
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	2.4 J	5.6 J	5.6 J	<2
PFECA B	<2	<2	<2	<2
PES	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
PFPrA	29	35	35	31
PFHpA	2.7	2.9	2.7	2.7
<b>Total Attachment C<sup>1,2</sup></b>	<b>24</b>	<b>33</b>	<b>31</b>	<b>26</b>
<b>Total Table3+ (17 compounds)<sup>2,3</sup></b>	<b>24</b>	<b>33</b>	<b>31</b>	<b>26</b>
<b>Total Table3+ (18 compounds)<sup>2,4</sup></b>	<b>53</b>	<b>68</b>	<b>66</b>	<b>57</b>
<b>Total Table3+ (21 compounds)<sup>2,5</sup></b>	<b>65</b>	<b>86</b>	<b>86</b>	<b>67</b>

**Notes:**

- 1 - Total Attachment C does not include Perfluoroheptanoic acid (PFHpA).
- 2 - Total Table 3+ and Total Attachment C were calculated including J qualified data and excluding non-detect data. The sum is rounded to two significant figures.
- 3 - Total Table 3+ (17 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
- 4 - Total Table 3+ (18 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, and R-EVE.
- 5 - Total Table 3+ (21 compounds) does not include Perfluoroheptanoic acid (PFHpA).

**Abbreviations:**

- Bold** - analyte detected above associated reporting limit
- - not analyzed
- J - analyte detected; reported value may not be accurate or precise
- ng/L - nanograms per liter
- QA/QC - quality assurance/ quality control
- UJ - analyte not detected; reporting limit may not be accurate or precise
- < - analyte not detected above associated reporting limit

**Table 5**  
**Cape Fear River PFAS Mass Load by Compound and Time Interval - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Interval ID	Start Time	End Time	Total River Volume (MG)	Calculated Mass Load <sup>1,2</sup> (lbs)																				Total Attachment C <sup>3</sup>	Total Table 3+ (17 Compounds) <sup>4</sup>	Total Table 3+ (18 Compounds) <sup>5</sup>	Total Table 3+ (21 Compounds)			
				HFPO-DA	PFMOA	PFOHxA	PFO30A	PFO4DA	PFO5DA	PMPPA	PEPA	PS Acid	Hydro-PS Acid	R-PSDA	Hydrolyzed PSDA	R-PSDCA	INHOS	EVE Acid	Hydro-EVE Acid	R-EVE	PES	PFECA-B	PFECA-G					PFHpA	PFPrA	
2025_Q3_1	7/1/25 00:00	7/2/25 00:01	732	0.04	0.05	0.05	0.01	0.00	0.00	0.07	0.01	0.00	0.00	0.02	0.03	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.02	0.22	0.21	0.21	0.44	0.51
2025_Q3_2	7/2/25 00:01	7/2/25 23:01	794	0.05	0.06	0.06	0.01	0.00	0.00	0.07	0.01	0.00	0.00	0.05	0.04	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.02	0.25	0.25	0.25	0.50	0.62	
2025_Q3_3	7/2/25 23:01	7/3/25 00:01	34	0.002	0.003	0.003	0.001	0.00	0.00	0.003	0.001	0.00	0.00	0.003	0.002	0.00	0.00	0.00	0.00	0.002	0.00	0.00	0.00	0.001	0.01	0.01	0.01	0.02	0.03	
2025_Q3_4	7/3/25 00:01	7/3/25 23:01	1,299	0.10	0.13	0.12	0.04	0.00	0.00	0.13	0.03	0.00	0.00	0.11	0.08	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.03	0.48	0.54	0.54	1.02	1.30	
2025_Q3_5	7/3/25 23:01	7/7/25 00:01	7,493	0.42	0.48	0.48	0.11	0.00	0.00	0.64	0.08	0.00	0.00	0.68	0.34	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.19	2.00	2.19	2.19	4.19	5.66	
2025_Q3_6	7/7/25 00:01	7/7/25 17:01	3,199	0.11	0.09	0.12	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.32	0.09	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.09	0.53	0.53	1.07	1.63		
2025_Q3_7	7/7/25 17:01	7/8/25 15:00	15,153	0.27	0.21	0.28	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.76	0.20	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.20	1.63	1.26	1.26	2.89	4.22	
2025_Q3_8	7/8/25 15:00	7/11/25 10:40	40,560	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.00	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.39	0.39	3.33	4.69	
2025_Q3_9	7/11/25 10:40	7/15/25 00:01	38,923	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.00	1.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	3.43	0.37	0.37	3.75	5.52	
2025_Q3_10	7/15/25 00:01	7/15/25 23:01	8,055	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.61	0.00	0.00	0.61	0.81	
2025_Q3_11	7/15/25 23:01	7/17/25 00:01	9,823	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.70	0.00	0.00	0.70	0.94	
2025_Q3_12	7/17/25 00:01	7/17/25 23:01	10,100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.67	0.00	0.00	0.67	0.93	
2025_Q3_13	7/17/25 23:01	7/22/25 00:01	41,501	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	3.10	0.00	0.00	3.10	4.33	
2025_Q3_14	7/22/25 00:01	7/22/25 23:01	8,939	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.75	0.00	0.00	0.75	1.04	
2025_Q3_15	7/22/25 23:01	7/24/25 00:01	9,444	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.76	0.00	0.00	0.76	0.91	
2025_Q3_16	7/24/25 00:01	7/24/25 23:01	8,459	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.65	0.00	0.00	0.65	0.65	
2025_Q3_17	7/24/25 23:01	7/29/25 00:01	23,175	0.00	0.24	0.20	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	2.24	0.69	0.69	2.92	3.50	
2025_Q3_18	7/29/25 00:01	7/29/25 23:01	3358	0.00	0.07	0.06	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.39	0.20	0.20	0.59	0.76	
2025_Q3_19	7/29/25 23:01	7/31/25 00:01	2456	0.00	0.08	0.06	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.14	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.32	0.21	0.21	0.52	0.70	
2025_Q3_20	7/31/25 00:01	7/31/25 23:01	1,081	0.00	0.05	0.03	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.15	0.12	0.12	0.27	0.37	0.51	
2025_Q3_21	7/31/25 23:01	8/4/25 00:01	4,992	0.00	0.21	0.18	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.32	0.13	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.11	0.81	0.65	0.65	1.46	1.98	
2025_Q3_22	8/4/25 00:01	8/4/25 16:01	1,185	0.00	0.05	0.05	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.08	0.03	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.03	0.22	0.18	0.18	0.40	0.53	
2025_Q3_23	8/4/25 16:01	8/8/25 00:01	5,965	0.00	0.12	0.13	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.43	0.07	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.00	0.12	0.78	0.45	0.53	1.29	1.89	
2025_Q3_24	8/8/25 00:01	8/8/25 23:01	7,562	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.15	0.58	0.00	0.20	0.76	1.39		
2025_Q3_25	8/8/25 23:01	8/11/25 00:49	16,527	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	1.06	0.00	0.00	0.21	0.00	0.00	0.14	0.00	0.00	0.00	0.34	1.39	0.16	0.37	1.72	2.97	
2025_Q3_26	8/11/25 00:49	8/11/25 23:49	6,832	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.15	0.63	0.13	0.13	0.74	1.20	
2025_Q3_27	8/11/25 23:49	8/14/25 00:01	18,314	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.38	1.68	0.18	0.18	1.83	2.98	
2025_Q3_28	8/14/25 00:01	8/14/25 09:01	4,790	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.44	0.00	0.00	0.44	0.72	
2025_Q3_29	8/14/25 09:01	8/19/25 00:01	39,777	0.00	0.59	0.61	0.00	0.00	0.00	0.85	0.00	0.00	0.00	2.86	0.37	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.38	4.81	1.99	1.99	6.81	10.46	
2025_Q3_30	8/19/25 00:01	8/19/25 23:01	2,458	0.00	0.07	0.07	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.21	0.05	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.37	0.25	0.25	0.62	0.92	
2025_Q3_31	8/19/25 23:01	8/22/25 00:01	3,333	0.00	0.12	0.12	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.27	0.08	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.03	0.58	0.40	0.40	0.99	1.40	
2025_Q3_32	8/22/25 00:01	8/22/25 23:01	1,227	0.00	0.06	0.05	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.09	0.03	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.02	0.25	0.17	0.17	0.42	0.57	
2025_Q3_33	8/22/25 23:01	8/25/25 00:01	2,083	0.04	0.11	0.08	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.16	0.08	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.04	0.44	0.37	0.37	0.81	1.10	
2025_Q3_34	8/25/25 00:01	8/25/25 23:01	855	0.03	0.05	0.03	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.07	0.04	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.02	0.19	0.18	0.18	0.37	0.51	
2025_Q3_35	8/25/25 23:01	8/28/25 00:01	1,606	0.07	0.10	0.07	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.26	0.09	0.00	0.04	0.00	0.00	0.07	0.00	0.00	0.00	0.03	0.40	0.36	0.41	0.80	1.21	
2025_Q3_36	8/28/25 00:01	8/28/25 23:01	626	0.03	0.04	0.03	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.16	0.04	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.17	0.15	0.19	0.36	0.57	
2025_Q3_37	8/28/25 23:01	9/2/25 13:20	2,594	0.12	0.21	0.15	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.52	0.18	0.00	0.07	0.00	0.00	0.11	0.00	0.00	0.00	0.05	0.70	0.67	0.75	1.44	2.23	
2025_Q3_38	9/2/25 13:20	9/5/25 00:01	1,266	0.06	0.12	0.07	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.27	0.10	0.00	0.05	0.00	0.00	0.05	0.00	0.00	0.00	0.03	0.35	0.35	0.40	0.75	1.19	
2025_Q3_39	9/5/25 00:01	9/5/25 23:01	495	0.02	0.05	0.03	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.14	0.05	0.00	0.04	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.14	0.14	0.18	0.32	0.54	
2025_Q3_40	9/5/25 23:01	9/9/25 00:01	2,054	0.07	0.18	0.12	0.01	0.00	0.00	0.15	0.00	0.00	0.00	0.46	0.16	0.00	0.11	0.00	0.00	0.09	0.									

**Table 6**  
**Percent Reduction PFAS Mass Load From Baseline Period Q2 2021 Through Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Reporting Period After Baseline	Total River Volume (MG)	Total Table 3+ (17 Compounds) <sup>1</sup>			
		Measured Load in Cape Fear River (lbs) <sup>2</sup>	Total Measured Load Over Rolling Prior Four Quarters (lbs)	Total Baseline Load <sup>3</sup> (lbs)	Percent Reduction Load from Baseline Load
Q2 2021	184,977	170	--	--	--
Q3 2021	156,006	89	--	--	--
Q4 2021	73,532	42	--	--	--
Q1 2022	380,263	72	373	947	61%
Q2 2022	175,562	33	237	947	75%
Q3 2022	78,649	24	171	947	82%
Q4 2022	164,830	38	167	947	82%
Q1 2023	324,227	51	146	947	85%
Q2 2023	298,943	25	138	947	85%
Q3 2023	140,296	25	139	947	85%
Q4 2023	146,912	28	130	947	86%
Q1 2024	464,406	25	103	947	89%
Q2 2024	192,225	20	99	947	90%
Q3 2024 <sup>4</sup>	459,658	42	116	947	88%
Q4 2024	184,384	29	116	947	88%
Q1 2025	272,659	34	125	947	87%
Q2 2025	276,713	30	135	947	86%
Q3 2025	373,884	19	112	947	88%

**Notes:**

1 - Total Table 3+ (17 compounds) does not include Perfluoroheptanoic acid (PFHpA), R- PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.

2 - Measured load in Cape Fear River represent loads measured in the Cape Fear River at the CFR-TARHEEL sampling location downstream of the Site.

3 - The 12-month baseline load period was between Q2 2020 through Q1 2021.

4 - Results from the Cape Fear Public Utility Authority (CFPUA) PFAS Testing Results (Sweeney - Raw) are used to calculate mass loads between August 6 to 14, 2024 and September 17 to 24, 2024. CFPUA Sweeney Raw PFAS concentration results were retrieved on October 30, 2024 from: <https://www.cfpu.org/833/PFAS-Testing-Results>

**Abbreviations:**

-- - not calculated

lbs - pounds

MG - million gallons

**Table 7**  
**Summary of Total PFAS Mass Discharge at Cape Fear River Sampling Locations - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Field Sample ID	Collection Date	Hours Composited <sup>1</sup>	Concentrations (ng/L) <sup>7</sup>				Total Volume (MG) <sup>5</sup>	Instantaneous Flow Rate (ft <sup>3</sup> /s) <sup>6</sup>	Mass Discharge (mg/s) <sup>7</sup>			
			Total Attachment C <sup>2</sup>	Total Table 3+ (17 compounds) <sup>3</sup>	Total Table 3+ (18 compounds) <sup>4</sup>	Total Table 3+ (21 compounds)			Total Attachment C <sup>2</sup>	Total Table 3+ (17 compounds) <sup>3</sup>	Total Table 3+ (18 compounds) <sup>4</sup>	Total Table 3+ (21 compounds)
CAP3Q25-CFR-TARHEEL-070225	7/2/25 13:15	0	26	26	57	36	--	1,250	0.92	0.92	2.0	1.3
CAP3Q25-CFR-TARHEEL-24-070225	7/2/25 23:01	24	50	50	94	76	820	--	1.8	1.8	3.4	2.7
CFR-TARHEEL-24-070325	7/3/25 23:01	24	67	67	110	150	1,390	--	4.1	4.1	6.7	9.1
CFR-TARHEEL-18-070725	7/7/25 17:01	18	20	20	40	61	3,680	--	3.2	3.2	6.4	9.8
CFR-TARHEEL-070825	7/8/25 15:00	0	0.0	0.0	5.7	5.7	--	29,400	0.00	0.00	4.7	4.7
CFR-TARHEEL-071125	7/11/25 10:40	0	2.3	2.3	14	22	--	16,800	1.1	1.1	6.7	10.5
CFR-TARHEEL-24-071525	7/15/25 23:01	24	0.0	0.0	9.1	12	8,399	--	0.00	0.00	3.3	4.4
CFR-TARHEEL-24-071725	7/17/25 23:01	24	0.0	0.0	7.9	11	10,552	--	0.00	0.00	3.7	5.1
CFR-TARHEEL-24-072225	7/22/25 23:01	24	0.0	0.0	10	15	9,322	--	0.00	0.00	4.1	6.1
CFR-TARHEEL-24-072225-D	7/22/25 23:01	24	0.0	0.0	10	13	9,322	--	0.00	0.00	4.1	5.3
CFR-TARHEEL-24-072425	7/24/25 23:01	24	0.0	0.0	9.2	9.2	8,733	--	0.00	0.00	3.5	3.5
CFR-TARHEEL-24-072925	7/29/25 23:01	24	7.1	7.1	21	27	3,487	--	1.1	1.1	3.2	4.1
CFR-TARHEEL-24-073125	7/31/25 23:01	24	13	13	30	41	1,114	--	0.63	0.63	1.5	2.0
CFR-TARHEEL-17-080425	8/4/25 16:01	24	18	18	40	54	1,762	--	1.4	1.4	3.1	4.2
CFR-TARHEEL-24-080825	8/8/25 23:01	24	0.0	3.1	12	22	7,934	--	0.00	1.1	4.2	7.6
CFR-TARHEEL-24-081125	8/11/25 23:49	24	2.3	2.3	13	21	7,140	--	0.72	0.72	4.1	6.6
CFR-TARHEEL-10-081425	8/14/25 09:01	10	0.0	0.0	11	18	5,343	--	0.00	0.00	2.6	4.2
CFR-TARHEEL-24-081925	8/19/25 23:01	24	12	12	30	46	2,550	--	1.3	1.3	3.4	5.1
CFR-TARHEEL-24-081925-D	8/19/25 23:01	24	12	12	30	44	2,550	--	1.3	1.3	3.4	4.9
CFR-TARHEEL-24-082225	8/22/25 23:01	24	17	17	41	56	1,280	--	0.95	0.95	2.3	3.1
CFR-TARHEEL-24-082525	8/25/25 23:01	24	25	25	52	71	893	--	0.98	0.98	2.0	2.8
CFR-TARHEEL-24-082825	8/28/25 23:01	24	29	36	68	110	653	--	0.83	1.0	1.9	3.1
CFR-TARHEEL-090225	9/2/25 13:20	0	33	33	65	96	--	889	0.83	0.83	1.6	2.4
CFR-TARHEEL-24-090525	9/5/25 23:01	24	34	43	77	130	521	--	0.78	0.98	1.8	3.0
CFR-TARHEEL-24-090925	9/9/25 23:01	24	31	34	66	99	945	--	1.3	1.4	2.7	4.1
CFR-TARHEEL-24-090925-D	9/9/25 23:01	24	24	28	60	94	945	--	0.99	1.2	2.5	3.9
CFR-TARHEEL-24-091125	9/11/25 23:01	24	18	24	55	94	939	--	0.74	0.99	2.3	3.9
CFR-TARHEEL-24-091525	9/15/25 23:01	24	32	32	58	86	609	--	0.85	0.85	1.5	2.3
CFR-TARHEEL-24-091825	9/18/25 23:01	24	33	33	62	96	543	--	0.78	0.78	1.5	2.3
CFR-TARHEEL-24-092225	9/22/25 23:01	24	32	40	71	110	485	--	0.68	0.85	1.5	2.3
CFR-TARHEEL-15-092525	9/25/25 14:01	15	34	39	67	100	324	--	0.48	0.55	0.95	1.4
CFR-TARHEEL-092925	9/29/25 10:27	0	11	20	37	62	--	1,270	0.40	0.72	1.3	2.2
CAP3Q25-CFR-BLADEN-070125	7/1/25 18:01	0	24	24	53	36	--	1,140	0.77	0.77	1.7	1.2
CAP3Q25-CFR-KINGS-070725	7/7/25 11:40	0	33	33	68	51	--	4,810	4.5	4.5	9.3	6.9
CAP3Q25-CFR-KINGS-070725-D	7/7/25 11:40	0	31	31	66	50	--	4,810	4.2	4.2	9.0	6.8

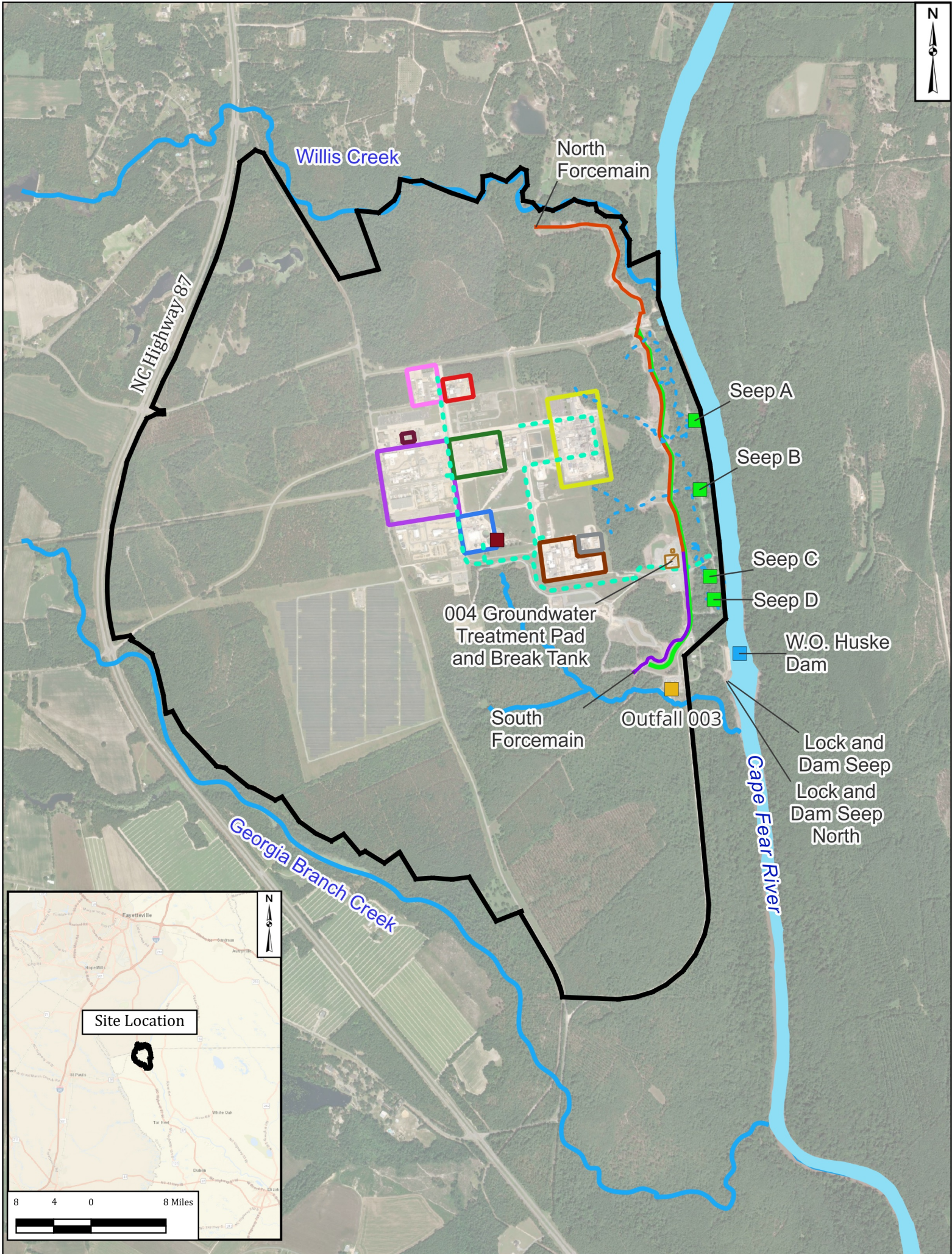
**Notes:**

- 1 - Samples with a compositing duration of zero (0) hours are grab samples.
- 2 - Total Attachment C does not include perfluoroheptanoic acid (PFHpA).
- 3 - Total Table 3+ (17 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
- 4 - Total Table 3+ (18 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, and R-EVE.
- 5 - Total flow volume is determined based on duration between start and end of sample compositing duration.
- 6 - For samples with a duration of zero (0) hours, i.e., grab samples, the instantaneous flow rate was used to calculate the mass discharge.
- 7 - Non-detect concentration results were assigned a value of zero for mass discharge (mg/s) calculations.

**Abbreviations:**

- - not applicable
- ft<sup>3</sup>/s - cubic feet per second
- MG - million gallons
- mg/s - milligrams per second
- ng/L - nanograms per liter

# Figures



<b>Legend</b>		<b>Areas at Site</b>	
Flow-Through Cell	Chemours Monomers IXM	Kuraray Trosifol® Leased Area	Wastewater Treatment Plant
Outfall 003 Treatment System	Chemours Polymer Processing Aid Area	Power - Filtered and Demineralized Water Production	Kuraray Laboratory Leased Area
Stormwater Treatment System	DuPont Polyvinyl Fluoride Leased Area	Former DuPont PMDF Area	
Site Features	Kuraray SentryGlas® Leased Area	Kuraray Laboratory Leased Area	
Site Boundary			
Nearby Tributary			
Observed Seep (Natural Drainage)			
Site Conveyance Network			
North Forcemain			
South Forcemain			
Barrier Wall			
Groundwater Treatment Pad			

**Notes:**  
 1. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).  
 2. Basemap sources: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

2,000 1,000 0 2,000 feet

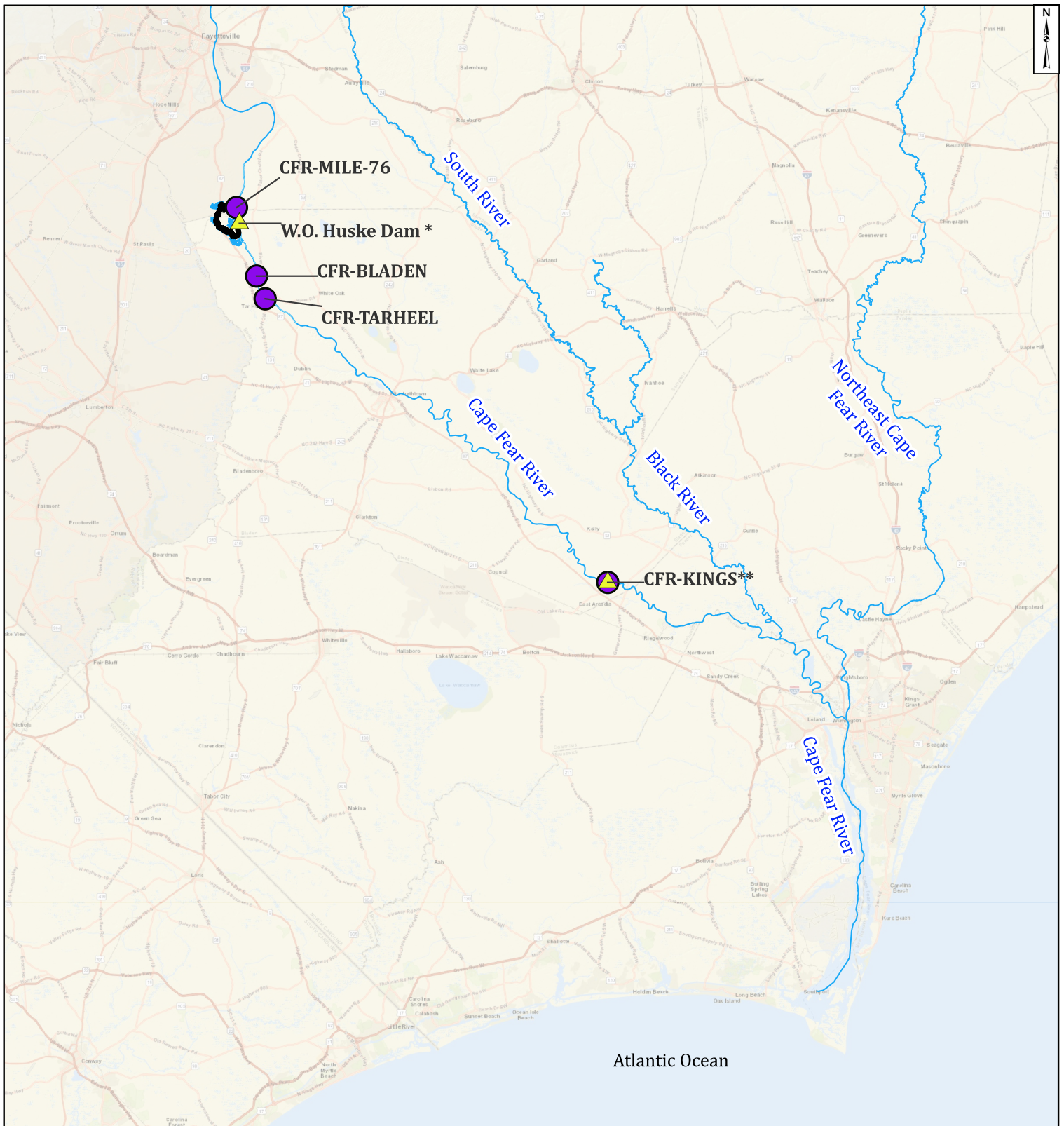
**Site Location Map**  
 Chemours Fayetteville Works, North Carolina

**CALIBER INSIGHTS**

**Figure 1**

December 2025

Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US



**Legend**

- Sample Location
- ▲ Flow Measurement Location
- Site Boundary
- Rivers

**Notes:**

\* Flow measurement was taken at W.O. Huske Dam - USGS  
 \*\* Flow measurement was taken at Lock #1 NR Kelly - USGS  
 1. Basemap source: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community.

10 5 0 10 miles



**Cape Fear River Sample and Flow Measurement Locations - Q3 2025**

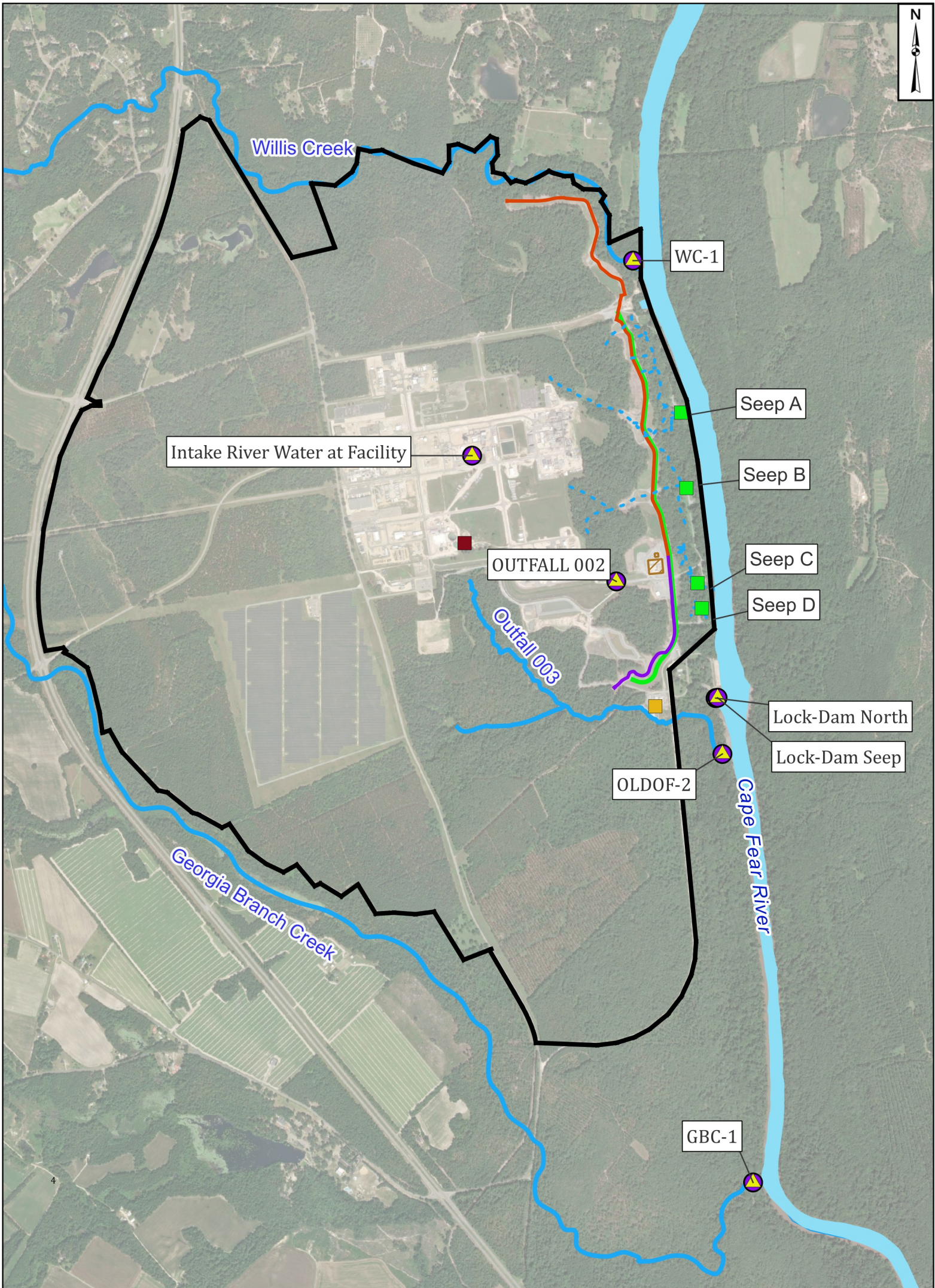
Chemours Fayetteville Works, North Carolina



**Figure**

**2**

December 2025



**Legend**

Sample Location	Groundwater Treatment Pad	North Forcemain
Flow Measurement Location	Site Boundary	South Forcemain
Flow-Through Cell	Nearby Tributary	Barrier Wall
Outfall 003 Treatment System	Observed Seep	
Stormwater Treatment System		

**Notes:**

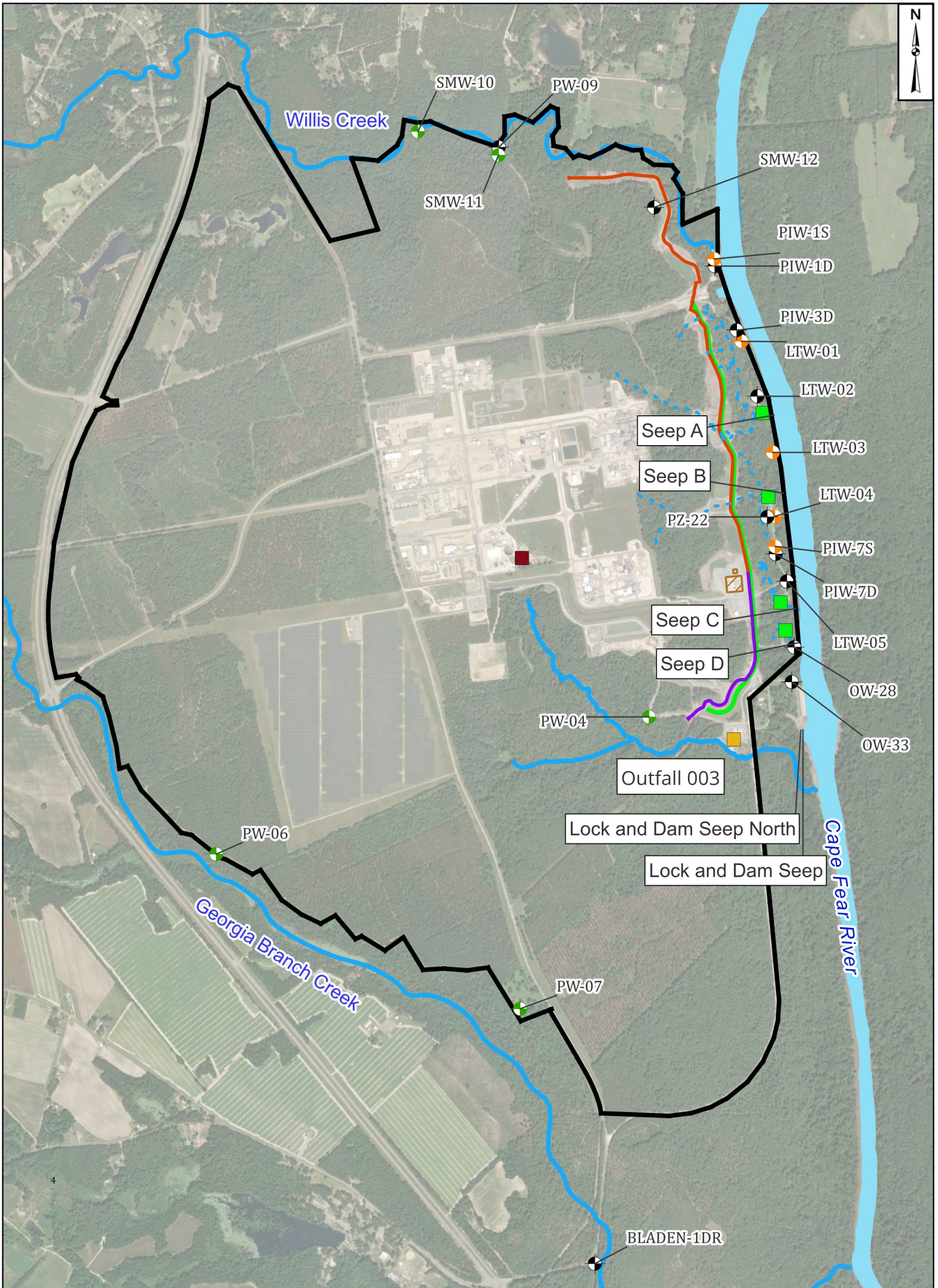
1. No samples and no flow measurements were collected at Seeps A, B, C, and D in Q3 2025 due to no flow at the Flow-Through Cells.
2. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS.
3. Basemap source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 feet

**Seep and Surface Water Sample and Flow Measurement Locations - Q3 2025**

Chemours Fayetteville Works, North Carolina

<b>CALIBER INSIGHTS</b>	<b>Figure</b>
December 2025	<b>3</b>



Legend		
	Surficial Zone	
	Floodplain Deposits	
	Black Creek Aquifer	
	Flow-Through Cell	
	Site Boundary	
	Nearby Tributary	
	North Forcemain	



### Groundwater Well Locations for Mass Loading Assessment - Q3 2025

Chemours Fayetteville Works, North Carolina

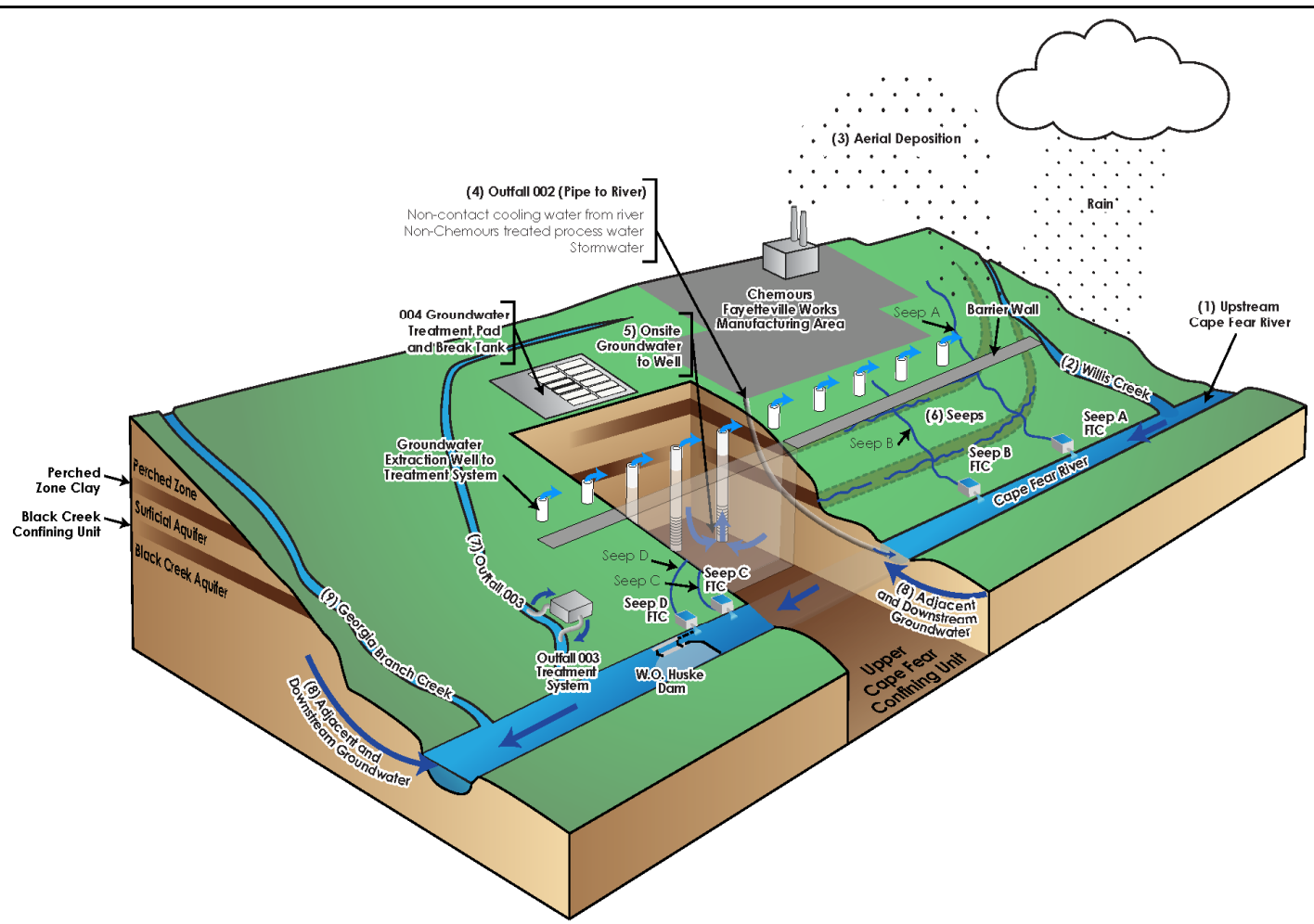


Figure

December 2025

4

- Notes:
1. Bladen-1D has been abandoned and replaced with Bladen-1DR during Q1 2023.
  2. Due to the scale of the map, pairs of wells that are in close proximity have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
  3. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS.
  4. Basemap source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.



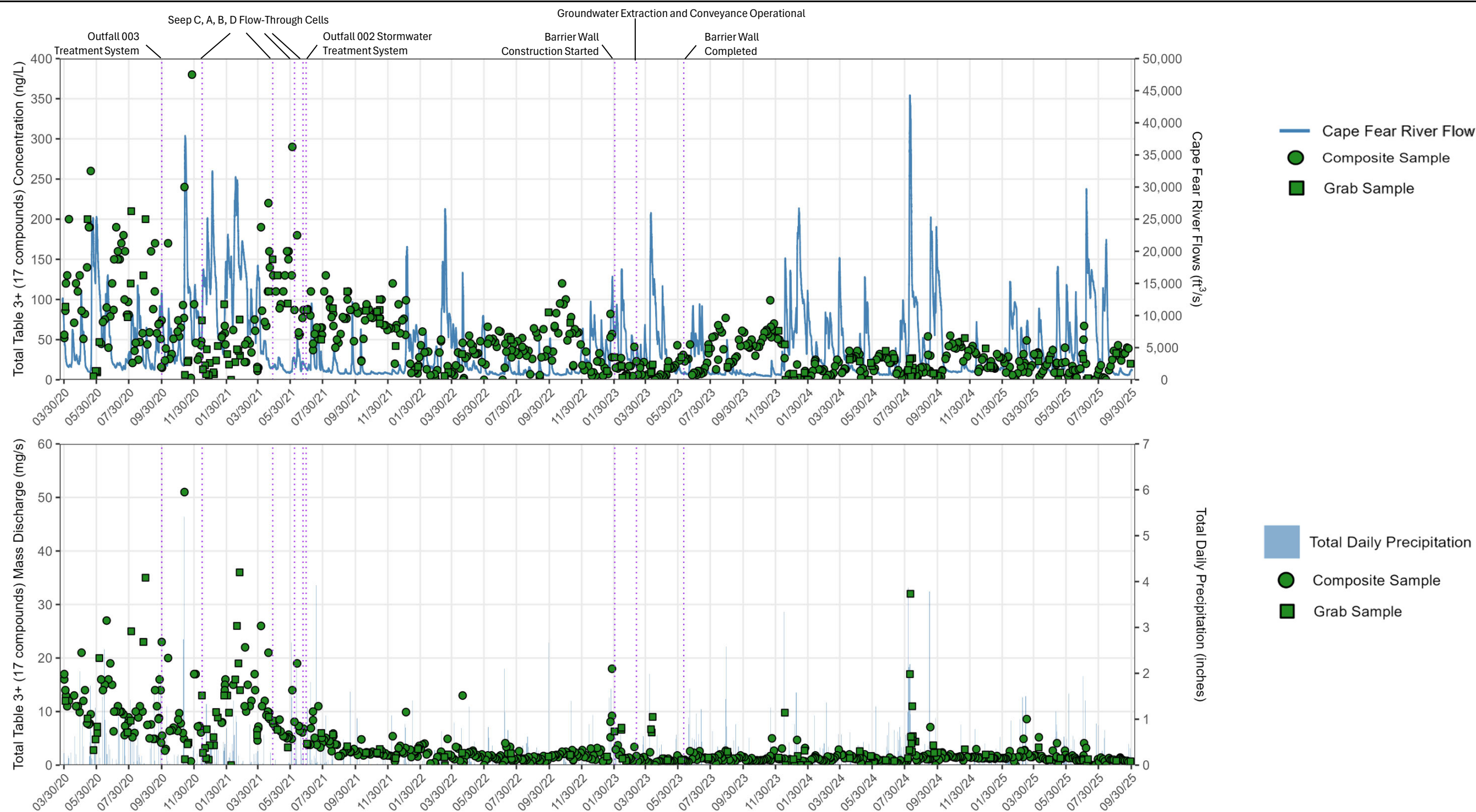
**Notes:**  
 -FTC: Flow-Through Cell  
 -Image is conceptual and not to scale  
 -Image reproduced from Geosyntec 2025.  
 Geosyntec Consultants. (2025) Cape Fear River PFAS Mass Loading Assessment – Second Quarter 2025. September 2025. Chemours Fayetteville Works, North Carolina.

**Potential PFAS Transport Pathways  
to the Cape Fear River from Site**  
 Chemours Fayetteville Works, North Carolina

**CALIBER  
INSIGHTS** 

December 2025

**Figure  
5**



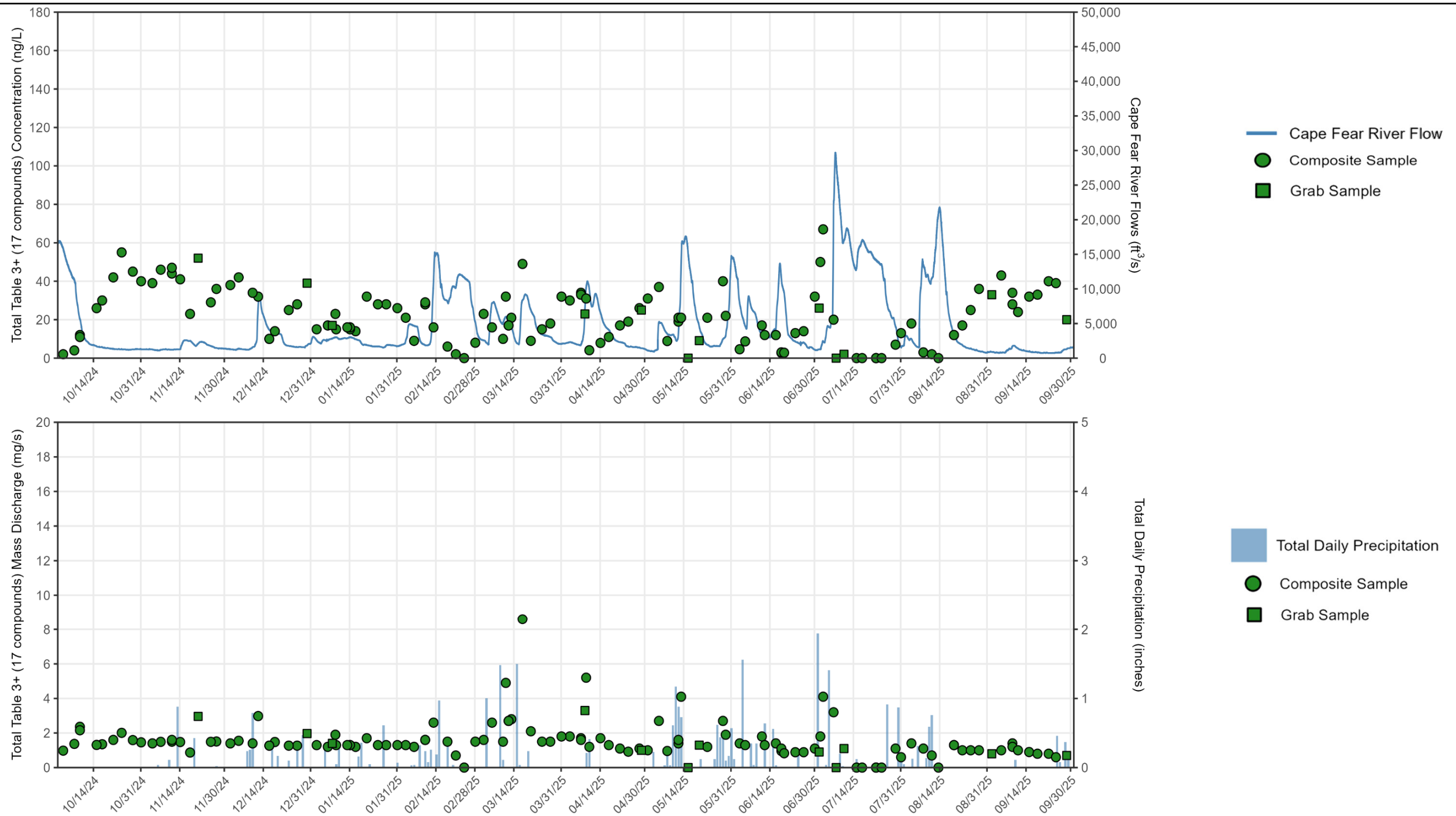
**Notes:**  
 - A concentration of 0 ng/L and mass discharge of 0 mg/s indicate that all the compounds were not detected above the reporting limit.  
 - Flow and precipitation data are from the USGS gauging station #02105500 located at the W.O. Huske Dam.

**Abbreviations:**  
 ft<sup>3</sup>/s - cubic feet per second  
 mg/s - milligrams per second  
 ng/L - nanograms per liter

**Total Table 3+ (17 Compounds) Concentrations, Mass Discharge, Flow, and Daily Precipitation at Tar Heel Ferry Road Bridge**  
 Chemours Fayetteville Works, North Carolina



**Figure 6**  
 December 2025



**Notes:**  
 - A concentration of 0 ng/L and mass discharge of 0 mg/s indicate that all the compounds were not detected above the reporting limit.  
 - Flow and precipitation data are from the USGS gauging station #02105500 located at the W.O. Huske Dam.

**Abbreviations:**  
 ft<sup>3</sup>/s - cubic feet per second  
 mg/s - milligrams per second  
 ng/L - nanograms per liter

**Total Table 3+ (17 Compounds) Concentrations, Mass Discharge, Flow, and Daily Precipitation at Tar Heel Ferry Road Bridge (Previous 12 Months)**

Chemours Fayetteville Works, North Carolina



**Figure**  
7

December 2025

# Appendix A: Cape Fear River PFAS Mass Loading Model

# 1 Introduction and Objective

This appendix summarizes the estimation of mass discharges from the identified PFAS transport pathways using the Cape Fear River mass loading model developed and described in the *Cape Fear River Mass Loading Calculation Protocol Version 2* (the Protocol; Geosyntec, 2020a). The following sections describe the transport pathways, the results from the mass loading model, and the limitations of the mass loading model. Supporting tables for the mass loading model are provided in Attachment ATT1.

## 1.1 Mass Loading Model Transport Pathways

The nine potential pathways representing compartments to the mass loading model were identified as potential contributors of PFAS to river PFAS concentrations (Geosyntec, 2020a). Remedies have been implemented to capture PFAS and prevent PFAS from reaching the Cape Fear River at five of the nine pathways. In addition, these remedies have had a positive effect on reducing PFAS from the remaining pathways without remedies in place (e.g., the Thermal Oxidizer reduces aerial deposition [Transport Pathway 3] which also reduces deposition on Willis Creek [Transport Pathway 2]). The pathways are described below:

- **Transport Pathway 1:** Upstream Cape Fear River and Groundwater – This pathway is comprised of contributions from non-Chemours related PFAS sources on the Cape Fear River and tributaries upstream of the Site, and upstream offsite groundwater with PFAS present from aerial deposition.
- **Transport Pathway 2:** Willis Creek – Groundwater and stormwater discharge and aerial deposition to Willis Creek and then to the Cape Fear River.
- **Transport Pathway 3 (Remedy: Thermal Oxidizer and Carbon Bed Air Emission Treatment):** Direct aerial deposition of PFAS on the Cape Fear River (see Attachment ATT2 in Geosyntec, 2025a for further details).
- **Transport Pathway 4 (Remedy: Stormwater Capture and Treatment in the Monomers IXM Manufacturing Area):** Outfall 002 – Comprised of (i) water drawn from the Cape Fear River and used as non-contact cooling water, (ii) treated non-Chemours process water, (iii) Site stormwater, (iv) steam condensate, and (v) power neutralization discharge, which are then discharged through Outfall 002.
- **Transport Pathway 5 (Remedy: Barrier Wall and Groundwater Extraction Treatment):** Onsite Groundwater – Direct upwelling of onsite groundwater to the

Cape Fear River from the Black Creek Aquifer (see Attachment ATT3 in Geosyntec, 2025a for further details).

- **Transport Pathway 6 (Remedy: Seep Flow-Through Cells):** Seeps – Onsite groundwater seeps A, B, C and D and the offsite Lock and Dam Seeps originating above the Cape Fear River water level on the bluff face from the facility that then discharge into the Cape Fear River.
- **Transport Pathway 7 (Remedy: Outfall 003 Stream Capture and Treatment System):** Outfall 003 Stream (previously referred to as Old Outfall 002) – Groundwater discharge and stormwater runoff to the Outfall 003 Stream that flows into the Cape Fear River.
- **Transport Pathway 8:** Adjacent and Downstream Offsite Groundwater – Offsite groundwater adjacent and downstream of the Site upwelling to the Cape Fear River.
- **Transport Pathway 9:** Georgia Branch Creek – Groundwater, stormwater discharge and aerial deposition to Georgia Branch Creek and then to the Cape Fear River.

For the Q3 2025 mass loading model assessment, data sources used as model inputs for each potential pathway are described in Table A1.

## 2 Sampling Activities and Laboratory Analysis

The Mass Loading Model program sampling for this reporting period consisted of collecting concentration and flow data from the various PFAS transport pathways during the reporting period (July 2025). This sampling event was conducted during a dry weather event.

A total of 37 water samples were collected this quarter, which includes surface water (seep, creeks, Outfall 003 Stream, Outfall 002, and Cape Fear River) and groundwater. The sample collection, field parameters, and flow measurement methods of each pathway are outlined in Table A2. The field forms are provided in Appendix C. Details of the sampling methods and flow measurement methods can be found in the Protocol (Geosyntec, 2020a).

### 2.1 Flow Measurements

The flow rates measured for the seeps and surface water locations are reported in Table A2. Details on the flow calculations for each model transport pathway along with measurement methods at each flow gauging location are provided in Attachment Tables ATT1-1 to ATT1-10.

## *2.2 Surface Water Sample Collection*

A total of 12 primary samples were collected from July 1 to 7, 2025, including three downstream samples along the Cape Fear River (Bladen Bluffs, Tar Heel, and Kings Bluff), and a duplicate sample at Kings Bluff. Below is a list of deviations from the sampling program:

- Seeps A, B, C, and D effluents were not sampled because they were dry during the sampling event.

## *2.3 Lock and Dam Seep Sampling*

The Lock and Dam Seep and Lock and Dam North were sampled this quarter during the Mass Loading Model program sampling (July 1, 2025) as shown in the photos below (left: Lock and Dam Seep; right: Lock and Dam North).



## *2.4 Water Levels and Groundwater Sample Collection*

One synoptic water level survey of the onsite groundwater monitoring well network was completed on July 14, 2025 (Table A3). From July 9 to 29, 2025, during the Annual Groundwater program sampling, groundwater samples were collected from 21 groundwater monitoring well locations (Table A4). This list of groundwater wells is derived from the Corrective Action Plan (CAP) (Geosyntec, 2019). The groundwater field parameters are provided in Table A4. The mass discharge calculations for the onsite

groundwater pathway presented in this report used water levels collected on June 24, 2025 as part of the Groundwater Extraction and Barrier Wall Remedy performance monitoring (Geosyntec, 2025b).

## 2.5 Laboratory Analyses

Samples were sent to Eurofins Scientific (West Sacramento, CA) and were analyzed for Table 3+ and other PFAS compounds using Method 537 Mod Max (56 compounds which includes PFPrA).

# 3 PFAS Analytical Results

The analytical results from samples collected during the Q3 2025 Mass Loading Model program sampling event are presented in Tables A5 and A6, respectively. The laboratory reports and Data Verification Module (DVM) reports are provided in Appendix D of the main report. The analytical data have been reviewed and validated.

## 3.1 Data Validation

Laboratory analytical data for the samples collected during the Q3 2025 reporting period were reviewed using the Data Verification Module (DVM) within the Locus™ Environmental Information Management (EIM) system, a commercial data management software program. The DVM is a Chemours internal review process used to assist with the determination of data usability. The electronic data deliverables received from the laboratory are loaded into the Locus EIM™ database and processed through a series of data quality checks, which are a combination of software, Locus EIM™ database DVM, and manual reviewer evaluations. The data are evaluated against the following data usability checks:

- Field and laboratory blank contamination
- US EPA hold time criteria
- Missing Quality Control (QC) samples
- Matrix spike (MS)/matrix spike duplicate (MSD) recoveries and the relative percent differences (RPDs) between these spikes
- Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) recoveries and the RPD between these spikes
- Surrogate spike recoveries for organic analyses
- Difference/RPD between field duplicate sample pairs
- RPD between laboratory replicates for inorganic analyses
- Difference/percent difference between total and dissolved sample pairs

- Temperature upon laboratory receipt meets the range of not frozen to 6°C with a target of 4°C (manual check)

There are two qualifier fields in EIM:

(1) **Laboratory Qualifier** is the qualifier assigned by the laboratory and may not reflect the usability of the data. This qualifier may have many different meanings and can vary between labs and over time within the same lab. Please refer to the laboratory report for a description of the laboratory qualifiers. As they are laboratory descriptors they are not to be used when evaluating the data.

(2) **Validation Qualifier** is the 3rd party formal validation qualifier if this was performed. Otherwise, this field contains the qualifier resulting from the Analytical Data Quality Management (ADQM) Group DVM review process. This qualifier assesses the usability of the data and may not equal the laboratory qualifier. The DVM applies the following data evaluation qualifiers to analysis results, as warranted:

Qualifier	Definition
B	Not detected substantially above the level reported in the laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
J	Analyte present. Reported value may not be accurate or precise.
UJ	Not detected. Reporting limit may not be accurate or precise.

The DVM and the manual review results were combined in a DVM narrative report for each set of sample results which is consistent with Stage 2b of the *USEPA Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (USEPA, 2009). The DVM narrative report summarizes which samples were qualified (if any), the specific reasons for the qualification, and any potential bias in reported results. The data usability, in view of the project’s data quality objectives (DQOs), was assessed, and the data were entered into the EIM system.

Overall, the DQOs were met for accuracy and precision. The data collected are believed to be complete, representative, and comparable, with the exception of R-PSDA, Hydrolyzed PSDA, and R-EVE; matrix interference studies have shown that quantitation of these compounds is inaccurate due to interferences by the sample matrix (Geosyntec, 2020b). Results for these three analytes are J-qualified as estimated.

### 3.2 Surface Water PFAS Analytical Results

For the surface water samples, the following observations were noted for the QA/QC samples:

- Two equipment blanks were collected on July 1, 2025. PFAS were not detected above associated reporting limits in these equipment blanks.
- One field duplicate was collected at CFR-KINGS. All analytes had relative percent differences of less than 30% for the reported compounds<sup>1</sup>.

Analytical results for the surface, and river water samples are summarized in Table A5 (Table 3+) and Attachment Table ATT1-11 (537 Mod Max). Figure A1 shows the Total Table 3+ (17 compounds) concentrations reported for samples collected in Q3 2025 that correspond to the mass loading model transport pathways. Figures A2 and A3 show the Total Table 3+ (17 compounds) concentrations and HFPO-DA concentrations at upstream and downstream locations along the Cape Fear River.

Among the collected river samples, Total Table 3+ (17 compounds) concentrations ranged from 7.5 ng/L (upstream sample at CFR MILE 76 on July 1, 2025) to 50 ng/L (downstream sample at CFR-TARHEEL on July 2, 2025). For the creeks, the Total Table 3+ (17 compounds) concentrations were 3,300 ng/L and 1,200 ng/L at Willis Creek and Georgia Branch, respectively. These concentrations are within the range of concentrations observed during previous events.

Among the other surface water sampling locations, Total Table 3+ (17 compounds) concentrations ranged from 24 ng/L to 72,000 ng/L during this Mass Loading Model program sampling event, which are within the range of concentrations observed during previous events.

Figure A3 shows the HFPO-DA concentrations in the four near-site/downstream river sampling locations. HFPO-DA concentrations were either below 10 ng/L or non-detect (i.e., below the associated reporting limits).

### *3.3 Groundwater PFAS Analytical Results*

Individual PFAS and Total PFAS concentrations for the groundwater samples collected in this quarter are summarized in Tables A6 (Table 3+), Attachment Table ATT1-12 (537 Mod Max), and Figure A4. Total Table 3+ (17 compounds) concentrations ranged from 3.4 ng/L (PW-09<sup>2</sup>) to 220,000 ng/L (LTW-05; Figure A4).

---

<sup>1</sup> When a compound was detected in one sample and non-detect in the other sample, the reporting limit was substituted to calculate relative percent difference values.<sup>2</sup> The PW-09 unfiltered sample results is listed in the text. The filtered sample result was 2.2 ng/L.

<sup>2</sup> The PW-09 unfiltered sample results is listed in the text. The filtered sample result was 2.2 ng/L.

On an aquifer basis, lower individual and Total Table 3+ (17 compounds) concentrations are observed in wells screened in the Surficial Zone. The results from this quarter are consistent with trends observed at these wells in previous sampling events.

### *3.4 Groundwater Elevations*

Groundwater elevations were calculated for onsite and offsite wells screened in the Perched Zone, Surficial Zone, and Black Creek Aquifer from the synoptic water level measurement survey performed in July 2025 and are reported in Table A4.

## 4 Mass Loading Model Assessment

The Total PFAS mass discharge per pathway to the Cape Fear River is summarized in Table A7. These mass discharge values from the mass loading model assessment are considered a ‘snapshot’ in time.

### *4.1 Model-Estimated PFAS Mass Discharge*

This quarter’s Mass Loading Model program sampling event was completed during a dry weather event. The model-estimated Total Table 3+ (17 compounds) mass discharge from all potential transport pathways was 0.96 mg/s and represents the mass discharge estimated downgradient of the remedies (i.e., after the water passes through the remedies, “after remedies”). Calculations for each pathway and Total Attachment C and Table 3+ compounds are presented in Table A7 and by compound in Attachment ATT1 Table ATT1-13.

Consistent with prior mass loading model assessments to date, for three pathways an alternate method was used to estimate mass discharges as shown in Table A7:

- Pathway 3 - Aerial Deposition mass discharge contributions were calculated following the methods described in prior Mass Loading Assessment reports in Attachment ATT2, “Direct Aerial Deposition on Cape Fear River” (Geosyntec, 2025a), where an estimated aerial deposition rate is used to calculate PFAS mass discharge to the Cape Fear River. The outcome of this calculation is a minor component of the calculated mass discharge from all pathways. Further, the calculated mass discharge value for this pathway using this methodology is constant quarter over quarter.
- Pathway 5 - Onsite Groundwater mass discharge contributions were calculated following the methods described in prior Mass Loading Assessment reports in Attachment ATT3 “Onsite Groundwater Pathway” (Geosyntec, 2025a), where groundwater elevations, geology cross sections, and hydraulic conductivities are

used to calculate mass discharge. In this Appendix, Table ATT1-14 provides the calculation of the Onsite Groundwater Pathway mass discharge.

- Pathway 8 - Offsite Adjacent and Downstream Groundwater contributions were calculated following methods described in Appendix E of the Protocol. The Protocol derived a multiplication scaling factor of 0.38 to apply to Upstream River Mass Discharge to estimate the Adjacent and Downstream Groundwater Mass Discharge.

#### 4.2 Comparison of Before Remedies and Current PFAS Mass Discharge

This section compares Q3 2025 mass discharge values downgradient of the remedies (i.e., after the water passes through the remedies, “after remedies”) to mass discharge values from past quarters upgradient of the remedies (i.e., before the water passes through the remedies, “before remedies”, or where no remedies were implemented). The in-text table and figure below summarize the historical before remedies Total Table 3+ (17 compounds) mass discharge from Q3 2020 to Q4 2022 and the after remedies mass discharge for this quarter. The pathways with remedies (Seeps, Outfall 003 Stream, Outfall 002, and onsite groundwater) have substantially lower mass discharges, i.e., lower contributions to total mass discharge to the river, than the historical before remedies mass discharges. An analysis presented in the November 21, 2025 memorandum *Request to Modify Cape Fear River PFAS Mass Loading Protocol* (Caliber Insights, 2025) showed that the sum of all pathways had a statistically decreasing trend and the individual pathways had statistically decreasing trends or stable/no trends.

The in-text table and figures indicate the following major findings:

- (1) The Q3 2025 mass discharges to the Cape Fear River from each pathway were either equivalent to historical levels or significantly lower.
- (2) The pathways with remedies (Seeps, Outfall 003 Stream, and Onsite Groundwater) all showed a significant mass discharge decrease in Q3 2025 compared to historical, pre-remediation ranges.
- (3) The mass discharge of 0.37 mg/s for Willis Creek was near the lower bound of historical values.
- (4) The mass discharge of 0.12 mg/s for Georgia Branch Creek was near the lower bound of historical values.
- (5) The total mass discharge to the Cape Fear River from the Site is far below the lower end of the range of historical “before remedies” mass discharges. All pathways together at 0.96 mg/s represents 7% of the median historical before remedies mass discharge, and Willis Creek at 0.37 mg/s represents 2.6% of the median historical before remedies mass discharge.

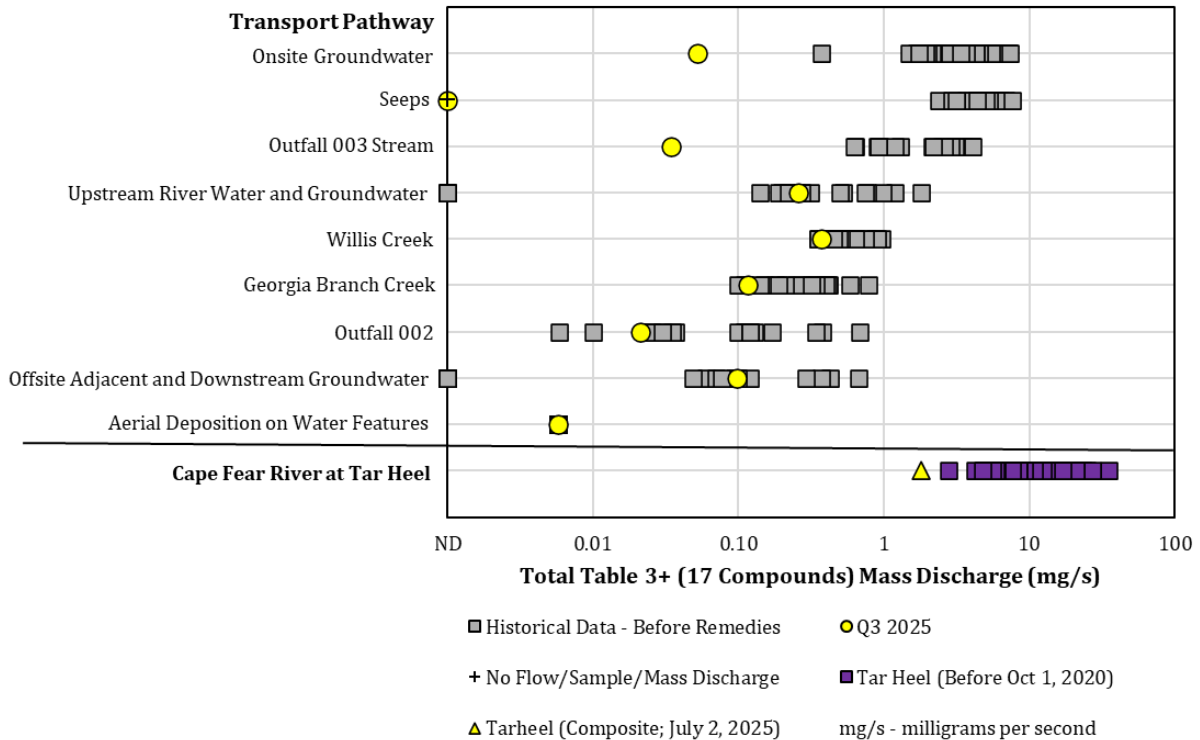
Model Transport Pathway	Historical Before Remedies Total Table 3+ (17 Compounds) Mass Discharge (mg/s) <sup>1</sup>			Q3 2025 Total Table 3+ (17 Compounds) Mass Discharge (mg/s)
	Min	Median	Max	
Aerial Deposition	0.0057	0.0057	0.0057	0.0057
Upstream River and Groundwater	0	0.27	4.5	0.26
Willis Creek	0.31	0.57	0.96	0.37
Seeps	3.0	5.4	8.4	0.0 <sup>3</sup>
Onsite Groundwater	1.5	3.6	9.6	0.052
Outfall 002	0.006	0.10	0.68	0.021
Georgia Branch Creek	0.10	0.32	0.78	0.12
Outfall 003 Stream	0.63	2.5	4.7	0.035
Offsite Groundwater	0	0.10	1.7	0.10
<b>Total<sup>2</sup></b>	<b>6.7</b>	<b>14</b>	<b>24</b>	<b>0.96</b>

1 - Historical before remedies mass discharge values taken from mass loading model assessments that pre-dated the installation of the groundwater extraction and barrier wall remedy.

2 - Total values for historical before remedies mass discharge come from individual mass loading model assessments and therefore do not equal the sum of the values above.

3 - During Q3 2025, there was no flow at Seeps A through D and therefore there was no (i.e., zero) mass discharge.

mg/s - milligrams per second



### 4.3 Variability in Input Parameters

The Mass Loading Model program provides PFAS mass discharge estimates for a ‘snapshot’ in time. While controlling temporal variability, the model-based mass discharge estimates contain some level of uncertainty due to the inherent variability, and measurement error in the input parameters (e.g., flow and concentrations).

## 5 Summary

The objective of the Mass Loading Model program is to provide PFAS mass discharge estimates for a ‘snapshot’ in time. In Q3 2025, 37 water samples collected from the PFAS transport pathways (creeks, Outfall 003 Stream, Outfall 002, groundwater) during a dry weather event were used to estimate the mass discharge to the Cape Fear River. The model-estimated Total Table 3+ (17 compounds) mass discharge from the potential transport pathways during Q3 2025 is 0.96 mg/s. The mass discharge continues to be less than the after remedies mass discharge estimates from mass loading model events prior to the operation of the groundwater extraction system. The implementation of remedies (i.e., Outfall 003 treatment system, Seeps FTCs, and the groundwater extraction and barrier wall remedy) for the three transport pathways (Outfall 003, Seeps and Onsite Groundwater) that historically contributed the bulk of PFAS mass load show a significant decrease in mass discharge in Q3 2025 compared to historical, pre-remediation ranges. A trend analysis was conducted on the mass discharges from the model pathways and presented in the November 21, 2025 memorandum *Request to Modify Cape Fear River PFAS Mass Loading Protocol* (Caliber Insights, 2025). The findings of the trend analysis showed that the sum of all pathways had a statistically significant decreasing trend, and the individual pathways had statistically significant decreasing trends or stable/no trends.

## 6 References

- AECOM. (2018). Poly and Perfluoroalkyl Substance Quality Assurance Project Plan for the Chemours Corporate Remediation Group. August 2018.
- Caliber Insights. (2025). Request to Modify Cape Fear River PFAS Mass Loading Protocol. November 21, 2025. Chemours Fayetteville Works, North Carolina.
- Geosyntec. (2019). Corrective Action Plan. Chemours Fayetteville Works. December 2019.
- Geosyntec. (2020a). Cape Fear River Mass Loading Calculation Protocol Version 2, Chemours Fayetteville Works. November 18, 2020.
- Geosyntec. (2020b). Matrix Interference During Analysis of Table 3+ Compounds. Chemours Fayetteville Works. June 30, 2020.
- Geosyntec. (2025a). Cape Fear River PFAS Mass Loading Assessment – Second Quarter 2025. Chemours Fayetteville Works. September 2025.
- Geosyntec. (2025b). CFR Long-Term Remedy Performance Monitoring Report #10 (Q2 2025). Chemours Fayetteville Works. September 2025.
- USEPA. (2009). USEPA Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use. January 13, 2009. OSWER No. 9200.1-85. EPA 540-R-08-005

# Appendix A Tables

**TABLE A1**  
**PFAS Mass Loading Model Potential Pathways**  
 Chemours Fayetteville Works, North Carolina

Transport Pathway Number	Potential PFAS Transport Pathway	Analytical Data Source for Mass Loading Model	Flow Data Source for Mass Loading Model
1	Upstream River and Groundwater	Measured from Cape Fear River Mile 76 sample collected in July 2025 as reported in Table A5.	Measured flow rates from USGS gauging station at W.O. Huske Dam during July 2025 volumetrically adjusted for flow pathways between River Mile 76 and W.O. Huske Dam. <sup>1</sup>
2	Willis Creek	Measured from Willis Creek samples collected in July 2025 as reported in Table A5.	Measured flow rates through Marsh-McBirney method during July 2025 as reported in Attachment ATT1.
3	Aerial Deposition on River	Estimated from air deposition modeling <sup>2</sup> .	Estimated from air deposition modeling <sup>2</sup> .
4	Outfall 002	Measured from Outfall 002 samples collected in July 2025 as reported in Table A5.	Measured daily Outfall 002 flow rates recorded in Facility discharge monitoring reports, summarized in Attachment ATT1.
5	Onsite Groundwater	Measured from monitoring well samples collected in July 2025 as reported in Table A6.	Estimated as the sum of the mass flux from the Black Creek Aquifer calculated from a transect along the Cape Fear River. Further details and supporting calculations provided in Attachment ATT2 of Geosyntec, 2025.
6	Seeps	No flow at Seeps A, B, C, and D so no samples were collected. Measured from Lock and Dam Seep and Lock and Dam North samples collected in July 2025 as reported in Table A5.	Seeps A, B, C and D were no flow conditions, so a flow value of zero was used. Measured flow rates using a bottle and stopwatch for Lock and Dam Seep and Lock and Dam North during July 2025 as reported in Appendix C.
7	Outfall 003 Stream	Measured from Outfall 003 Stream samples collected in July 2025 as reported in Table A5.	Measured flow rates through Marsh-McBirney method during July 2025 as reported in Attachment ATT1.
8	Adjacent and Downstream Groundwater	Estimated using a scaling factor applied to upstream mass discharge. Refer to <i>Cape Fear River PFAS Mass Loading Calculation Protocol Version 2</i> (Geosyntec, 2020a) for details.	Estimated using a scaling factor applied to upstream mass discharge. Refer to <i>Cape Fear River PFAS Mass Loading Calculation Protocol Version 2</i> (Geosyntec, 2020a) for details.
9	Georgia Branch Creek	Measured from Georgia Branch Creek samples collected in July 2025 as reported in Table A5.	Measured flow rates through Marsh-McBirney method during July 2025 as reported in Attachment ATT1.

**Notes:**

1 - Cape Fear River flow rates measured at USGS gauging station #02105500 located at William O Huske Lock & Dam accessed from <https://waterdata.usgs.gov>.

2 - ERM, 2018. Modeling Report: HFPO-DA Atmospheric Deposition and Screening Groundwater Effects. 27 April 2018.

**References:**

Geosyntec. (2025). Cape Fear River PFAS Mass Loading Assessment – Second Quarter 2025. Chemours Fayetteville Works. September 2025.

**TABLE A2**  
**Surface Water Sample Summary, Field Parameters, and Flow Measurements - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Pathway / Location	Location ID	Location Description	Sample ID	Sample Collection and Field Parameters										Flow Measurement Method <sup>4</sup>	
				Sample Date	Sample Time	Sample Collection Method	Hours Composited <sup>2</sup>	pH (S.U.)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Specific Conductivity (µS/cm)	Temperature (°C)	Flow Measurement Method	Instantaneous Flow Rate (ft <sup>3</sup> /s)
Upstream River Water and Groundwater	CFR-RM-76	Cape Fear River Mile 76	CAP3Q25-CFR-RM-76-070125	7/1/2025	10:15 AM	Grab	0	7.36	5.99	95	29	168	31.03	USGS Data <sup>5</sup>	1,160
Willis Creek	WC-1	Mouth of Willis Creek	CAP3Q25-WC-1-24-070225	7/2/2025	7:00 AM	Composite	24	4.43	7.97	212	28	114	25.40	Marsh-McBirney Flow	4.0
Intake River Water at Facility	INTAKE AT FACILITY	Water Drawn Through the Intake Sampled at the Power Area at the Site	RIVER-WATER-INTAKE-24-070225	7/2/2025	7:06 AM	Composite	24	7.39	7.49	87	21	167	28.22	Facility Data	19
Outfall 002	OUTFALL-002	Upstream of Outfall 002 in open channel	CAP3Q25-OUTFALL-002-24-070225	7/2/2025	8:24 AM	Composite	24	7.12	7.95	144	14	268	30.52	Facility DMRs	22
Stormwater Treatment System <sup>3</sup>	SWTS DISCHARGE	Monomers/IXM Stormwater Treatment System Effluent	Effluent	7/1/2025	3:30 PM	7 hr Composite	--	--	--	--	--	--	--	--	--
Seep A <sup>4</sup>	SEEP-A	Effluent Basin of Seep A FTC	--	--	--	--	--	--	--	--	--	--	--	--	--
Seep B <sup>4</sup>	SEEP-B	Effluent Basin of Seep B FTC	--	--	--	--	--	--	--	--	--	--	--	--	--
Seep C <sup>4</sup>	SEEP-C	Effluent Basin of Seep C FTC	--	--	--	--	--	--	--	--	--	--	--	--	--
Seep D <sup>4</sup>	SEEP-D	Effluent Basin of Seep D FTC	--	--	--	--	--	--	--	--	--	--	--	--	--
Lock and Dam Seep	LOCK-DAM-SEEP	Southside of the boat ramp at the Lock and Dam Seep	CAP3Q25-LOCK-DAM-SEEP-070125	7/1/2025	10:45 AM	Grab	0	6.57	6.50	-10	27	157	30.10	Bottle and Stopwatch	0.0039
Lock and Dam North	LOCK-DAM-NORTH	Northside of the boat ramp at the Lock and Dam Seep	CAP3Q25-LOCK-DAM-NORTH-070125	7/2/2025	10:15 AM	Grab	0	5.79	4.99	145	56	125	27.40	Bottle and Stopwatch	0.0013
Outfall 003 Stream	OLDOF-2	Mouth of Outfall 003 stream	CAP3Q25-OLDOF-2-24-070225	7/2/2025	9:18 AM	Composite	24	6.74	7.60	30	48	269	29.60	Marsh-McBirney Flow	0.76
Georgia Branch Creek	GBC-1	Mouth of Georgia Branch Creek	CAP3Q25-GBC-1-070125	7/1/2025	1:15 PM	Grab	0	4.58	6.09	301	29	194	31.90	Marsh-McBirney Flow	3.2
Tar Heel Ferry Road Bridge	CFR-TARHEEL	Cape Fear River at Tar Heel Ferry Road Bridge	CAP3Q25-CFR-TARHEEL-070225	7/2/2025	1:15 PM	Grab	0	7.05	6.88	90	23	137	31.10	USGS Data <sup>6</sup>	1,250
			CAP3Q25-CFR-TARHEEL-24-070225	7/2/2025	11:01 PM	Composite	24	7.21	6.72	70	28	152	28.70	USGS Data <sup>6</sup>	1,600
Bladen Bluffs	CFR-BLADEN	Cape Fear River at Bladen Bluffs	CAP3Q25-CFR-BLADEN-070125	7/1/2025	6:10 PM	Grab	0	7.07	7.07	95	27	111	31.29	USGS Data <sup>7</sup>	1,140
Kings Bluffs	CFR-KINGS	Cape Fear River at Kings Bluff Raw Water Intake	CAP3Q25-CFR-KINGS-070725	7/7/2025	11:40 AM	Grab	0	7.48	5.48	98	24	533	31.73	USGS Data <sup>8</sup>	4,810

**Notes:**

- 1 - Supplemental flow measurement data are included in Attachment ATT1.
- 2 - Samples with a compositing duration of zero (0) hours are grab samples.
- 3 - The Stormwater Treatment System (SWTS) samples are collected over the typical daily operation period. During the July 2025 sampling event there was stormwater flow to the SWTS.
- 4 - No water was flowing through the seeps and therefore no sample nor flow measurements could be collected.
- 5 - The volumetric flow rate for upstream river water and groundwater was estimated by subtracting inflows from Willis Creek, upwelling groundwater, seeps to the river, and Outfall 002 and by adding the river water intake from Chemours to the flow rate measurement from the W.O. Huske Dam.
- 6 - Flow rate measured at USGS gauging station #02105500 located at William O Huske Lock & Dam used to estimate flow rate at Tar Heel Ferry Road Bridge during grab sample collection.
- 7 - Flow rate measured at USGS gauging station #02105500 located at William O Huske Lock & Dam used to estimate flow rate at Bladen Bluff during sample collection.
- 8 - Flow rate measured at USGS gauging station #02105769 located at Lock #1 near Kelly used to estimate flow rate at Kings Bluff during sample collection.

**Abbreviations:**

- - not measured/not sampled
- DMRs - Discharge Monitoring Reports
- FTC - Flow-Through Cell
- USGS - United States Geological Survey
- °C - degrees Celsius
- mg/L - milligrams per liter
- µS/cm - microsiemens per centimeter
- mV- millivolts
- NTU - Nephelometric Turbidity Units
- ORP - oxidation reduction potential
- S.U. - standard units
- SWTS - Stormwater Treatment System

TABLE A3

Caliber Insights NC Inc.

**Groundwater Elevations - Q3 2025**  
Chemours Fayetteville Works, North Carolina

Area <sup>1</sup>	Water Bearing Unit <sup>2</sup>	Well ID	Gauging Date	Northing (ft, SPCS NAD83) <sup>3</sup>	Easting (ft, SPCS NAD83) <sup>3</sup>	Screened Interval (ft)	TOC Elevation (ft, NAVD 88) <sup>4</sup>	Depth to Water (ft from TOC)	Water Level (ft, NAVD88) <sup>4</sup>
Onsite	Black Creek Aquifer	BCA-01	07-14-2025	399779.96	2050662.48	91-101	146.25	65.90	80.35
Onsite	Black Creek Aquifer	BCA-02	07-14-2025	396242.02	2051062.07	92-102	148.37	78.36	70.01
Onsite	Black Creek Aquifer	BCA-03R	07-14-2025	398582.23	2049522.22	88-98	150.82	55.55	95.27
Onsite	Black Creek Aquifer	BCA-04	07-14-2025	395877.67	2047823.03	94-104	150.31	32.79	117.52
Offsite	Black Creek Aquifer	BLADEN-1DR	07-14-2025	387522.25	2050247.40	NM	76.54	19.65	56.89
Offsite	Surficial Zone	BLADEN-1S	07-14-2025	387518.97	2050233.35	5-10	76.74	19.65	57.09
Offsite	Black Creek Aquifer	BLADEN-2D	07-14-2025	368827.09	2042878.34	70-75	138.27	20.22	118.05
Offsite	Surficial Zone	BLADEN-2S	07-14-2025	368821.46	2042882.92	10-20	138.04	4.48	133.56
Offsite	Black Creek Aquifer	BLADEN-3D	07-14-2025	396856.98	2059006.56	33.75-43.75	75.52	9.67	65.85
Offsite	Surficial Zone	BLADEN-3S	07-14-2025	396862.31	2059012.93	5-15	74.27	8.56	65.71
Offsite	Black Creek Aquifer	BLADEN-4D	07-14-2025	363255.12	2087636.87	46.75-51.75	59.66	1.16	58.50
Offsite	Surficial Zone	BLADEN-4S	07-14-2025	363263.19	2087637.46	4.75-14.75	59.68	5.49	54.19
Offsite	Black Creek Aquifer	CUMBERLAND-1D	07-14-2025	431459.95	2011071.39	40-50	174.60	2.63	171.97
Offsite	Surficial Zone	CUMBERLAND-1S	07-14-2025	431459.95	2011071.39	15-25	174.73	2.01	172.72
Offsite	Black Creek Aquifer	CUMBERLAND-2D	07-14-2025	449987.54	2074019.14	47-57	129.23	3.04	126.19
Offsite	Surficial Zone	CUMBERLAND-2S	07-14-2025	449979.10	2074020.86	7-17	129.06	3.06	126.00
Offsite	Black Creek Aquifer	CUMBERLAND-3D	07-14-2025	423248.12	2060409.16	22-27	78.79	6.11	72.68
Offsite	Surficial Zone	CUMBERLAND-3S	07-14-2025	423254.64	2060413.30	9-14	79.06	6.29	72.77
Offsite	Black Creek Aquifer	CUMBERLAND-4D	07-14-2025	413095.77	2078249.95	57-67	119.22	13.25	105.97
Offsite	Surficial Zone	CUMBERLAND-4S	07-14-2025	413086.63	2078255.53	10-20	119.36	6.86	112.50
Offsite	Black Creek Aquifer	CUMBERLAND-5DR	07-14-2025	405619.17	2138238.59	NM	106.67	7.45	99.22
Offsite	Surficial Zone	CUMBERLAND-5S	07-14-2025	405623.27	2138233.37	14-24	106.65	2.71	103.94
Onsite	Black Creek Aquifer	EW-1	NM	399934.65	2051297.51	40-60	91.33	NM	NM
Onsite	Black Creek Aquifer	EW-2	NM	396164.48	2052232.61	40-65	77.25	NM	NM
Onsite	Black Creek Aquifer	EW-3	NM	395059.78	2052214.66	37-67	76.48	NM	NM
Onsite	Black Creek Aquifer	EW-4	NM	398581.51	2051805.58	53-73	80.64	NM	NM
Onsite	Black Creek Aquifer	EW-5	NM	397200.16	2052052.65	37-67	78.50	NM	NM
Onsite	Perched Zone	FTA-01	07-14-2025	397906.09	2049370.01	12.0-22.0	149.60	15.89	133.71
Onsite	Perched Zone	FTA-02	07-14-2025	397784.99	2049203.29	11.5-22.0	149.30	17.22	132.08
Onsite	Perched Zone	FTA-03	07-14-2025	397766.23	2049310.46	12.0-22.0	150.10	17.14	132.96
Onsite	Surficial Zone	INSITU-01	07-14-2025	401657.39	2046078.99	7.0-17.0	89.12	6.65	82.47
Onsite	Surficial Zone	INSITU-02	NM	401863.46	2049136.62	7.0-17.0	113.12	NM	NM
Onsite	Surficial Zone	INSITU-02R	07-14-2025	401625.34	2049774.47	5.0 - 25	95.81	26.11	69.70
Onsite	Floodplain Deposits	LTW-01	07-14-2025	399565.01	2052150.62	11.0-26.0	52.71	15.55	37.16
Onsite	Black Creek Aquifer	LTW-02	07-14-2025	398847.57	2052355.48	28.0-38.0	51.39	10.86	40.53
Onsite	Floodplain Deposits	LTW-03	07-14-2025	398114.45	2052558.35	15.0-30.0	51.75	12.45	39.30
Onsite	Floodplain Deposits	LTW-04	07-14-2025	397279.61	2052584.95	12.0-27.0	50.66	10.66	40.00
Onsite	Black Creek Aquifer	LTW-05	07-14-2025	396430.31	2052740.40	29.0-44.0	50.94	11.42	39.52
Onsite	Perched Zone	MW-11	NM	396544.40	2049051.06	11.5-21.5	148.53	NM	NM
Onsite	Perched Zone	MW-12S	07-14-2025	397262.90	2049269.37	17.5-22.5	151.08	19.82	131.26
Onsite	Surficial Zone	MW-13D	07-14-2025	397119.02	2049821.12	57-67	148.65	48.78	99.87
Onsite	Surficial Zone	MW-14D	07-14-2025	396974.49	2049074.56	62-72	149.73	44.63	105.10
Onsite	Surficial Zone	MW-15DRR	07-14-2025	398580.71	2049511.75	52.5-62.5	150.92	52.86	98.06
Onsite	Surficial Zone	MW-16D	07-14-2025	398493.70	2048402.84	72-82	148.41	40.51	107.90
Onsite	Surficial Zone	MW-17D	07-14-2025	398401.74	2047366.50	57-67	146.12	34.06	112.06
Onsite	Surficial Zone	MW-18D	07-14-2025	400947.30	2046574.35	50-60	108.10	23.44	84.66
Onsite	Surficial Zone	MW-19D	07-14-2025	401151.43	2048272.93	46-56	139.36	55.89	83.47
Onsite	Perched Zone	MW-1S	07-14-2025	397080.69	2049117.99	21.0-24.0	148.88	18.23	130.65
Onsite	Surficial Zone	MW-20D	07-14-2025	400791.01	2048733.71	65-75	137.20	52.59	84.61
Onsite	Surficial Zone	MW-21D	07-14-2025	399501.88	2047074.92	72-82	151.42	49.58	101.84
Onsite	Surficial Zone	MW-22D	07-14-2025	398518.40	2048362.48	52-72	149.09	40.38	108.71
Onsite	Perched Zone	MW-23	07-14-2025	396237.61	2051063.25	9.5-14.5	148.34	14.34	134.00
Onsite	Perched Zone	MW-24	07-14-2025	397303.94	2048767.69	18.8-23.8	150.31	21.05	129.26
Onsite	Perched Zone	MW-25	07-14-2025	396753.37	2050989.82	12-17	147.59	13.79	133.80
Onsite	Perched Zone	MW-26	07-14-2025	396265.18	2051484.67	5-10	147.70	12.78	134.92
Onsite	Perched Zone	MW-27	07-14-2025	396010.33	2051472.00	10-15	146.83	14.59	132.24
Onsite	Perched Zone	MW-28	07-14-2025	395719.79	2051165.93	9-14	144.70	13.94	130.76
Onsite	Perched Zone	MW-30	07-14-2025	397340.79	2050776.09	10-15	147.67	13.03	134.64
Onsite	Perched Zone	MW-31	NM	396390.70	2049622.88	17-22	147.70	NM	NM
Onsite	Perched Zone	MW-32	NM	396359.58	2049651.79	13-18.5	147.11	NM	NM
Onsite	Perched Zone	MW-33	NM	396337.51	2049678.56	12-17	146.82	NM	NM
Onsite	Perched Zone	MW-34	NM	396352.90	2049619.09	17-22	147.97	NM	NM
Onsite	Perched Zone	MW-35	NM	396332.94	2049631.16	14-19	147.54	NM	NM

TABLE A3

Caliber Insights NC Inc.

**Groundwater Elevations - Q3 2025**  
Chemours Fayetteville Works, North Carolina

Area <sup>1</sup>	Water Bearing Unit <sup>2</sup>	Well ID	Gauging Date	Northing (ft, SPCS NAD83) <sup>3</sup>	Easting (ft, SPCS NAD83) <sup>3</sup>	Screened Interval (ft)	TOC Elevation (ft, NAVD 88) <sup>4</sup>	Depth to Water (ft from TOC)	Water Level (ft, NAVD88) <sup>4</sup>
Onsite	Perched Zone	MW-36	NM	396320.09	2049651.17	12-17	147.89	NM	NM
Onsite	Perched Zone	MW-7S	07-14-2025	397444.52	2049809.73	NM	147.47	10.04	137.43
Onsite	Perched Zone	MW-8S	NM	397096.48	2049867.77	NM	146.48	NM	NM
Onsite	Perched Zone	MW-9S	07-14-2025	396760.16	2049734.30	17.5-22.5	154.39	20.85	133.54
Onsite	Perched Zone	NAF-01	07-14-2025	398348.58	2050339.68	5.0-15.0	148.65	8.23	140.42
Onsite	Perched Zone	NAF-02	07-14-2025	398660.16	2050634.55	5.0-15.0	149.28	9.25	140.03
Onsite	Perched Zone	NAF-03	07-14-2025	398578.63	2050743.04	5.0-15.0	149.41	9.45	139.96
Onsite	Perched Zone	NAF-04	07-14-2025	398445.89	2050713.13	5.0-15.0	146.77	6.32	140.45
Onsite	Perched Zone	NAF-06	07-14-2025	398808.81	2050913.93	2.75-12.75	145.43	11.54	133.89
Onsite	Perched Zone	NAF-07	07-14-2025	398898.69	2050618.12	5.5-15.5	149.03	9.32	139.71
Onsite	Perched Zone	NAF-08A	07-14-2025	398098.22	2050886.93	5.0-15.0	147.74	8.19	139.55
Onsite	Surficial Zone	NAF-08B	07-14-2025	398095.97	2050880.18	43.5-53.5	147.83	Dry	NM
Onsite	Perched Zone	NAF-09	07-14-2025	397708.78	2050807.44	7.0-17.0	148.62	11.70	136.92
Onsite	Perched Zone	NAF-10	07-14-2025	397611.81	2050425.20	8.25-18.25	149.25	11.27	137.98
Onsite	Perched Zone	NAF-11A	07-14-2025	398907.08	2050999.77	2.5-7.5	139.74	7.05	132.69
Onsite	Surficial Zone	NAF-11B	07-14-2025	398911.13	2050995.88	33.5-43.5	140.74	Dry	NM
Onsite	Perched Zone	NAF-12	07-14-2025	398270.56	2050777.49	18-23	145.79	5.60	140.19
Onsite	Black Creek Aquifer	OW-1	07-14-2025	399930.53	2051287.87	40-50	95.01	37.75	57.26
Onsite	Black Creek Aquifer	OW-10	07-14-2025	399948.17	2051291.21	40-50	94.39	37.12	57.27
Onsite	Black Creek Aquifer	OW-11	07-14-2025	401683.39	2049913.61	74-84	94.92	47.90	47.02
Onsite	Black Creek Aquifer	OW-12	07-14-2025	401731.33	2050721.09	50-60	83.65	52.32	31.33
Onsite	Black Creek Aquifer	OW-13	07-14-2025	400769.33	2051210.62	50-60	85.12	52.02	33.10
Onsite	Black Creek Aquifer	OW-14	07-14-2025	400311.42	2051608.03	46-56	80.67	44.06	36.61
Onsite	Black Creek Aquifer	OW-15	07-14-2025	399719.91	2051608.62	34-44	87.86	29.78	58.08
Onsite	Black Creek Aquifer	OW-16	07-14-2025	399828.66	2051993.25	15-25	52.94	15.86	37.08
Onsite	Black Creek Aquifer	OW-17	07-14-2025	399433.03	2051661.47	58-68	89.67	57.71	31.96
Onsite	Black Creek Aquifer	OW-18	07-14-2025	398846.69	2051836.19	45-55	90.88	44.64	46.24
Onsite	Black Creek Aquifer	OW-19	07-14-2025	398067.23	2051976.50	70-80	86.68	53.38	33.30
Onsite	Black Creek Aquifer	OW-2	07-14-2025	398572.28	2051801.62	63-73	84.37	49.59	34.78
Onsite	Black Creek Aquifer	OW-20	07-14-2025	398229.85	2052080.86	48-58	69.59	29.37	40.22
Onsite	Black Creek Aquifer	OW-21	07-14-2025	397521.83	2051950.75	57-67	80.85	46.24	34.61
Onsite	Black Creek Aquifer	OW-22	07-14-2025	397325.34	2052218.74	43-53	66.63	26.22	40.41
Onsite	Black Creek Aquifer	OW-23	07-14-2025	396776.73	2052355.66	45-55	67.83	27.70	40.13
Onsite	Black Creek Aquifer	OW-24	07-14-2025	396677.42	2052158.17	50-60	78.67	45.66	33.01
Onsite	Black Creek Aquifer	OW-25	07-14-2025	396182.38	2052428.46	45-55	70.91	31.14	39.77
Onsite	Black Creek Aquifer	OW-26	07-14-2025	395503.74	2052268.81	50-60	80.85	39.74	41.11
Onsite	Black Creek Aquifer	OW-27	07-14-2025	395555.17	2052622.16	33-43	55.60	16.05	39.55
Onsite	Black Creek Aquifer	OW-28	07-14-2025	395570.57	2052838.21	20-30	48.49	8.02	40.47
Onsite	Black Creek Aquifer	OW-29	07-14-2025	395193.45	2052143.81	42-52	85.67	41.09	44.58
Onsite	Black Creek Aquifer	OW-3	07-14-2025	398601.08	2051812.32	63-73	84.64	49.38	35.26
Onsite5	Black Creek Aquifer	OW-30	07-14-2025	394988.72	2052537.53	49-59	70.92	31.37	39.55
Onsite	Black Creek Aquifer	OW-31	07-14-2025	394812.07	2051595.90	85-95	106.10	65.84	40.26
Onsite5	Black Creek Aquifer	OW-33	07-14-2025	395116.90	2052806.54	19-29	48.59	7.77	40.82
Onsite	Surficial Zone	OW-34	07-14-2025	398593.54	2051813.31	23-33	83.76	16.05	67.71
Onsite	Surficial Zone	OW-35	07-14-2025	398060.78	2051977.75	20-30	87.45	18.27	69.18
Onsite	Surficial Zone	OW-36	07-14-2025	397257.46	2051997.45	11-21	80.61	17.14	63.47
Onsite	Black Creek Aquifer	OW-38	07-14-2025	394885.22	2051883.97	60-70	123.70	58.90	64.80
Onsite	Black Creek Aquifer	OW-4	NM	395049.16	2052210.81	47-57	80.85	NM	NM
Onsite5	Black Creek Aquifer	OW-40	07-14-2025	394588.05	2052521.39	49-59	72.88	31.43	41.45
Onsite	Black Creek Aquifer	OW-41	07-14-2025	401683.74	2050119.92	82-92	93.66	47.72	45.94
Onsite	Black Creek Aquifer	OW-42	07-14-2025	401696.05	2050448.24	58-68	87.37	42.03	45.34
Onsite	Black Creek Aquifer	OW-43	07-14-2025	400937.73	2051116.17	40-50	76.94	44.25	32.69
Onsite	Black Creek Aquifer	OW-44	07-14-2025	399741.48	2051736.45	34-44	73.18	36.81	36.37
Onsite	Black Creek Aquifer	OW-45	07-14-2025	398836.07	2051955.99	50-60	77.10	36.35	40.75
Onsite	Black Creek Aquifer	OW-46	07-14-2025	398164.94	2052050.69	59-69	72.05	31.87	40.18
Onsite	Black Creek Aquifer	OW-47	07-14-2025	397243.89	2052136.32	49-59	71.47	31.31	40.16
Onsite	Black Creek Aquifer	OW-48	07-14-2025	396698.39	2052275.93	42-52	69.54	29.55	39.99
Onsite	Black Creek Aquifer	OW-49	07-14-2025	396180.56	2052348.51	53-63	79.56	39.79	39.77
Onsite	Black Creek Aquifer	OW-5	NM	395070.03	2052196.97	54-64	81.61	NM	NM
Onsite	Black Creek Aquifer	OW-55	07-14-2025	401761.92	2050875.02	43-58	75.45	44.92	30.53
Onsite	Black Creek Aquifer	OW-57	07-14-2025	401781.20	2050174.65	33-43	68.87	24.46	44.41
Onsite	Black Creek Aquifer	OW-6	NM	396168.41	2052223.54	50-60	80.53	NM	NM
Onsite	Black Creek Aquifer	OW-7	07-14-2025	397180.06	2052052.69	57-67	81.45	47.14	34.31

TABLE A3

Caliber Insights NC Inc.

**Groundwater Elevations - Q3 2025**  
Chemours Fayetteville Works, North Carolina

Area <sup>1</sup>	Water Bearing Unit <sup>2</sup>	Well ID	Gauging Date	Northing (ft, SPCS NAD83) <sup>3</sup>	Easting (ft, SPCS NAD83) <sup>3</sup>	Screened Interval (ft)	TOC Elevation (ft, NAVD 88) <sup>4</sup>	Depth to Water (ft from TOC)	Water Level (ft, NAVD88) <sup>4</sup>
Onsite	Black Creek Aquifer	OW-8	07-14-2025	397202.33	2052041.98	57-67	82.30	48.77	33.53
Onsite	Black Creek Aquifer	OW-9	NM	395075.14	2052211.07	54-64	79.78	NM	NM
Onsite	Black Creek Aquifer	PIW-10DR	07-14-2025	395093.99	2052297.30	53-58	75.91	32.86	43.05
Onsite	Surficial Zone	PIW-10S	07-14-2025	395104.95	2052296.98	7-17	76.32	17.71	58.61
Onsite	Black Creek Aquifer	PIW-11	07-14-2025	401911.03	2050416.29	47-57	67.02	23.05	43.97
Onsite	Black Creek Aquifer	PIW-12	07-14-2025	401703.10	2051025.77	64-74	83.78	54.56	29.22
Onsite	Black Creek Aquifer	PIW-13	07-14-2025	401464.29	2051122.60	54-64	83.18	54.11	29.07
Onsite	Black Creek Aquifer	PIW-14	07-14-2025	401163.98	2051186.57	56-66	87.43	56.82	30.61
Onsite	Black Creek Aquifer	PIW-15	07-14-2025	400706.51	2051532.80	34-44	67.85	33.39	34.46
Onsite	Black Creek Aquifer	PIW-16D	07-14-2025	396257.96	2046587.07	90-100	150.06	24.37	125.69
Onsite	Surficial Zone	PIW-16S	07-14-2025	396267.84	2046586.09	35-45	149.74	21.02	128.72
Onsite	Black Creek Aquifer	PIW-1D	07-14-2025	400548.00	2051801.28	24.5-29.5	52.16	16.91	35.25
Onsite	Floodplain Deposits	PIW-1S	07-14-2025	400541.03	2051792.39	7.8-17.8	54.04	17.81	36.23
Onsite	Black Creek Aquifer	PIW-2D	07-14-2025	399925.40	2051315.80	40-50	96.19	38.94	57.25
Onsite	Black Creek Aquifer	PIW-3D	07-14-2025	399711.25	2052086.94	19-24	53.42	16.30	37.12
Onsite	Black Creek Aquifer	PIW-4D	07-14-2025	398816.52	2052101.94	32.3-37.3	52.85	12.30	40.55
Onsite	Surficial Zone	PIW-5SR	07-14-2025	398545.10	2051977.53	9.8-19.8	79.02	Dry	NM
Onsite	Floodplain Deposits	PIW-6S	07-14-2025	398117.93	2052539.79	18-28	53.40	14.13	39.27
Onsite	Black Creek Aquifer	PIW-7D	07-14-2025	396787.77	2052595.65	29-34	48.93	8.74	40.19
Onsite	Floodplain Deposits	PIW-7S	07-14-2025	396786.97	2052589.10	7-17	47.97	8.41	39.56
Onsite	Black Creek Aquifer	PIW-8D	07-14-2025	396403.37	2052682.10	35.5-40	48.66	9.12	39.54
Onsite	Black Creek Aquifer	PIW-9D	NM	396155.84	2052250.84	40-45	79.64	NM	NM
Onsite	Surficial Zone	PIW-9S	NM	396148.52	2052251.03	24.8-29.8	79.64	NM	NM
Onsite	Perched Zone	PW-01	07-14-2025	399064.80	2049654.30	11-21	149.55	14.55	135.00
Onsite	Surficial Zone	PW-02	07-14-2025	399779.06	2050649.47	50-60	146.43	62.72	83.71
Onsite	Surficial Zone	PW-03	07-14-2025	397339.81	2050765.32	35-45	147.97	42.98	104.99
Onsite	Surficial Zone	PW-04	07-14-2025	394659.55	2050940.66	17-27	97.75	28.15	69.60
Onsite	Surficial Zone	PW-05	07-14-2025	395873.10	2047812.93	65-75	150.34	33.86	116.48
Onsite	Surficial Zone	PW-06	07-14-2025	392868.00	2045288.77	19-29	147.69	20.40	127.29
Onsite	Surficial Zone	PW-07	07-14-2025	390847.71	2049258.26	28-38	148.16	39.1	109.06
Onsite	Black Creek Aquifer	PW-09	07-14-2025	402000.08	2048979.11	44-54	72.93	24.43	48.50
Onsite	Black Creek Aquifer	PW-10RR	07-14-2025	398532.45	2051965.91	57-67	79.97	39.50	40.47
Onsite	Black Creek Aquifer	PW-11	07-14-2025	394354.36	2052226.72	53-63	73.26	31.60	41.66
Onsite	Black Creek Aquifer	PW-12	07-14-2025	399500.45	2047063.51	109-119	150.61	61.89	88.72
Onsite	Black Creek Aquifer	PW-13	07-14-2025	397584.26	2048029.18	120-130	149.36	37.96	111.40
Onsite	Black Creek Aquifer	PW-14	07-14-2025	397325.65	2050766.36	136-146	147.97	65.98	81.99
Onsite	Black Creek Aquifer	PW-15R	07-14-2025	398900.88	2051011.75	110-120	136.14	61.15	74.99
Onsite	Surficial Zone	PZ-1	07-14-2025	394928.45	2051910.97	28-38	126.65	36.53	90.12
Onsite	Perched Zone	PZ-11	07-14-2025	398646.25	2049820.94	15-20	151.03	9.82	141.21
Onsite	Perched Zone	PZ-12	07-14-2025	399091.19	2048978.89	15.1-20.1	149.89	19.28	130.61
Onsite	Perched Zone	PZ-13	07-14-2025	397707.82	2050985.25	7.1-12.1	148.14	11.22	136.92
Onsite	Perched Zone	PZ-14	07-14-2025	397589.92	2050618.27	9.0-14.0	148.38	8.05	140.33
Onsite	Perched Zone	PZ-15	07-14-2025	396806.39	2050107.50	10.2-15.2	147.76	12.74	135.02
Onsite	Perched Zone	PZ-17	NM	396614.82	2048872.69	21.1-26.1	150.08	NM	NM
Onsite	Perched Zone	PZ-19R	07-14-2025	397998.66	2049919.52	16-21	150.05	12.59	137.46
Onsite	Surficial Zone	PZ-2	07-14-2025	396631.77	2052167.77	15-25	78.05	13.18	64.87
Onsite	Perched Zone	PZ-20R	07-14-2025	398185.81	2049784.60	15-20	151.29	14.02	137.27
Onsite	Perched Zone	PZ-21R	07-14-2025	398445.16	2049883.13	17-22	150.67	12.47	138.20
Onsite	Black Creek Aquifer	PZ-22	07-14-2025	397271.94	2052585.34	42.5-47.5	50.70	10.52	40.18
Onsite	Perched Zone	PZ-24	07-14-2025	396117.94	2050744.07	11-16	147.53	14.22	133.31
Onsite	Perched Zone	PZ-25R	NM	395971.54	2050748.23	NM	147.51	NM	NM
Onsite	Perched Zone	PZ-26	07-14-2025	396059.78	2050382.35	11-16	147.70	12.94	134.76
Onsite	Perched Zone	PZ-27	07-14-2025	395922.11	2050376.76	12-17	147.17	13.96	133.21
Onsite	Perched Zone	PZ-28	07-14-2025	396304.55	2049933.79	13-18	148.64	12.98	135.66
Onsite	Perched Zone	PZ-29	NM	396377.59	2049771.59	12-18	147.74	NM	NM
Onsite	Perched Zone	PZ-31	NM	396428.73	2049594.36	14-19	148.00	NM	NM
Onsite	Perched Zone	PZ-32	NM	396418.47	2049713.79	13-18	148.47	NM	NM
Onsite	Perched Zone	PZ-33	NM	396308.92	2049707.66	12.5-17.5	146.72	NM	NM
Onsite	Perched Zone	PZ-34	NM	396292.05	2049595.04	13.5-18.5	147.70	NM	NM
Onsite	Perched Zone	PZ-35	07-14-2025	398232.64	2050020.49	13-18	150.43	12.12	138.31
Onsite	Perched Zone	PZ-36	NM	396086.17	2051331.44	5-8.5	135.20	NM	NM
Onsite	Perched Zone	PZ-37	NM	396042.40	2051050.05	5-8	135.56	NM	NM
Onsite	Perched Zone	PZ-38	NM	395970.01	2050569.66	5-9	137.34	NM	NM

**Groundwater Elevations - Q3 2025**  
Chemours Fayetteville Works, North Carolina

Area <sup>1</sup>	Water Bearing Unit <sup>2</sup>	Well ID	Gauging Date	Northing (ft, SPCS NAD83) <sup>3</sup>	Easting (ft, SPCS NAD83) <sup>3</sup>	Screened Interval (ft)	TOC Elevation (ft, NAVD 88) <sup>4</sup>	Depth to Water (ft from TOC)	Water Level (ft, NAVD88) <sup>4</sup>
Onsite	Perched Zone	PZ-39	NM	395921.87	2050238.18	5-10	137.93	NM	NM
Onsite	Perched Zone	PZ-40	NM	395943.02	2050031.90	5-9	138.51	NM	NM
Onsite	Perched Zone	PZ-41	07-14-2025	395979.29	2050048.97	5-8.5	138.13	3.12	135.01
Onsite	Perched Zone	PZ-42	NM	395961.73	2050230.23	3-7	138.17	NM	NM
Onsite	Perched Zone	PZ-43	NM	396011.61	2050567.89	5-9	137.06	NM	NM
Onsite	Perched Zone	PZ-44	07-14-2025	396082.75	2051045.25	5-7	136.26	2.77	133.49
Onsite	Perched Zone	PZ-45	07-14-2025	396124.41	2051323.03	2-4	135.69	2.67	133.02
Onsite	Surficial Zone	PZ-L	07-14-2025	396745.80	2048684.01	13-28	147.86	30.02	117.84
Offsite	Black Creek Aquifer	ROBESON-1D	07-14-2025	381416.28	2020158.93	42.75-52.75	156.36	11.74	144.62
Offsite	Surficial Zone	ROBESON-1S	07-14-2025	381408.19	2020156.86	17-27	156.66	8.41	148.25
Onsite	Surficial Zone	SMW-01	07-14-2025	395297.97	2043688.29	5.0-15.0	150.58	13.48	137.10
Onsite	Perched Zone	SMW-02	07-14-2025	399982.23	2050655.91	5.0-20.0	144.59	15.32	129.27
Onsite	Surficial Zone	SMW-02B	07-14-2025	399983.75	2050654.77	43.0-53.0	147.93	55.82	92.11
Onsite	Perched Zone	SMW-03	NM	399779.32	2049445.32	10.0-20.0	151.09	NM	NM
Onsite	Black Creek Aquifer	SMW-03B	07-14-2025	399785.75	2049421.54	72-82	150.43	64.07	86.36
Onsite	Perched Zone	SMW-04A	07-14-2025	399668.71	2048387.57	19.5-34.5	148.09	Dry	NM
Onsite	Surficial Zone	SMW-04B	07-14-2025	399666.21	2048392.37	43.0-53.0	147.65	50.82	96.83
Onsite	Perched Zone	SMW-05	NM	399334.07	2048557.33	10.0-20.0	148.10	NM	NM
Onsite	Surficial Zone	SMW-05PR	07-14-2025	399391.46	2049235.07	45.0-60.0	149.66	49.30	100.36
Onsite	Perched Zone	SMW-06	NM	399172.35	2048759.48	12.0-22.0	150.97	NM	NM
Onsite	Surficial Zone	SMW-06B	07-14-2025	399144.74	2048764.94	58-68	150.32	52.64	97.68
Onsite	Perched Zone	SMW-07	07-14-2025	398931.13	2048611.74	13.0-23.0	146.79	18.98	127.81
Onsite	Perched Zone	SMW-08	NM	399064.97	2048468.78	21.0-31.0	151.02	NM	NM
Onsite	Surficial Zone	SMW-08B	07-14-2025	399058.33	2048478.84	58-68	148.81	45.58	103.23
Onsite	Surficial Zone	SMW-09	07-14-2025	401076.89	2050017.41	52-62	141.43	61.12	80.31
Onsite	Black Creek Aquifer	SMW-10	07-14-2025	402307.31	2047923.84	39-49	76.26	29.72	46.54
Onsite	Surficial Zone	SMW-11	07-14-2025	401996.15	2048975.38	13-23	71.95	15.89	56.06
Onsite	Black Creek Aquifer	SMW-12	07-14-2025	401314.20	2051007.22	88-98	118.22	89.09	29.13

**Notes:**

- 1 - Area - refers to location of well within site property boundary ("Onsite") and outside property boundary ("Offsite").
- 2 - Water Bearing Unit - refers to primary aquifer unit well screen is estimated to be screened within.
- 3 - Northing and Easting provided in North Carolina State Plane System (zone 3200), North American Datum 1983.
- 4 - Vertical datum is North American Vertical Datum of 1988.
- 5 - OW-30, OW-33, and OW-40 are within the USACE property but are labeled as onsite wells.

**Abbreviations:**

- Dry - well was dry at time of monitoring event
- ft - feet
- NAVD88 - North American Vertical Datum of 1988
- NM - not measured, well inaccessible during monitoring event
- SPCS NAD83 - State Plane Coordinate System North American Datum 1983
- TOC - top of casing

**TABLE A4**  
**Groundwater Sample Summary and Field Parameters - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Area	Location ID	Water Bearing Unit <sup>1</sup>	Adjacent Surface Water Feature	Sample ID	QA/QC	Sample Collection and Field Parameters						
						Sample Date and Time	pH (S.U.)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Specific Conductivity (µS/cm)	Temperature (°C)
Offsite	BLADEN-1DR	Black Creek Aquifer	Georgia Branch Creek	CAP3Q25-BLADEN-1DR-071025	--	07-10-2025 12:40	5.54	0.09	-5.30	8.01	68.60	20.80
Onsite	LTW-01	Floodplain Deposits	Cape Fear River	CAP3Q25-LTW-01-072425	--	07-24-2025 16:30	3.61	0.4	361.10	9.51	107.90	21.09
Onsite	LTW-02	Black Creek Aquifer	Cape Fear River	CAP3Q25-LTW-02-071525	--	07-15-2025 13:30	4.59	0.10	105.80	2.96	111.20	24.34
Onsite	LTW-03	Floodplain Deposits	Cape Fear River	CAP3Q25-LTW-03-072425	--	07-24-2025 14:05	4.26	0.2	184.70	11.30	110.30	24.60
Onsite	LTW-04	Floodplain Deposits	Cape Fear River	CAP3Q25-LTW-04-072425	--	07-24-2025 10:45	5.10	0.12	135.00	18.80	92.30	23.80
Onsite	LTW-05	Black Creek Aquifer	Cape Fear River	CAP3Q25-LTW-05-072825	--	07-28-2025 14:45	4.71	0.1	-0.30	17.19	121.10	23.60
Onsite	OW-28	Black Creek Aquifer	Cape Fear River	CAP3Q25-OW-28-071725	--	07-17-2025 15:25	3.4	0.03	182.00	2.90	55.30	21.98
Onsite	OW-33	Black Creek Aquifer	Cape Fear River	CAP3Q25-OW-33-071725	--	07-17-2025 14:00	4.26	0.12	184.40	1.61	71.80	22.60
Onsite	PIW-1D	Black Creek Aquifer	Cape Fear River / Willis Creek	CAP3Q25-PIW-1D-071025	--	07-10-2025 14:40	3.44	0.13	475.40	15.34	248.10	22.60
Onsite	PIW-1S	Floodplain Deposits	Cape Fear River / Willis Creek	CAP3Q25-PIW-1S-072125	--	07-21-2025 14:35	3.72	2.96	383.3	0.83	228.7	26.03
Onsite	PIW-3D	Black Creek Aquifer	Cape Fear River	CAP3Q25-PIW-3D-071525	--	07-15-2025 14:55	5.04	0.04	55.60	2.40	179.10	20.64
Onsite	PIW-7D	Black Creek Aquifer	Cape Fear River	CAP3Q25-PIW-7D-072825	--	07-28-2025 16:15	5.06	0.12	-87.60	13.48	101.10	22.80
Onsite	PIW-7S	Floodplain Deposits	Cape Fear River	CAP3Q25-PIW-7S-071725	--	07-17-2025 14:05	5.38	0.11	77.50	2.53	122.90	27.05
Onsite	PW-04	Surficial Zone	Outfall 003	CAP3Q25-PW-04-071725	--	07-17-2025 9:55	3.25	3.93	338.00	19.43	501.30	22.87
Onsite	PW-06	Surficial Zone	Georgia Branch Creek	CAP3Q25-PW-06-071825	--	07-18-2025 11:10	4.38	6.90	299.20	4.58	51.89	23.18
Onsite	PW-07	Surficial Zone	Georgia Branch Creek	CAP3Q25-PW-07-071625	--	07-16-2025 16:48	5.28	8.97	177.20	12.70	37.08	22.13
Onsite	PW-09	Black Creek Aquifer	Willis Creek	CAP3Q25-PW-09-070925	--	07-09-2025 15:50	6.43	0.08	-86.80	24.90	77.50	19.70
Onsite	PW-09	Black Creek Aquifer	Willis Creek	CAP3Q25-PW-09-070925-Z	Filtered	07-09-2025 15:50	6.43	0.08	-86.80	24.90	77.50	19.70
Onsite	PZ-22	Black Creek Aquifer	Cape Fear River	CAP3Q25-PZ-22-072925	--	07-29-2025 13:15	3.78	0.1	189.00	9.12	110.40	22.52
Onsite	SMW-10	Black Creek Aquifer	Willis Creek	CAP3Q25-SMW-10-071125	--	07-11-2025 11:45	5.22	0.24	-39.12	7.33	89.40	20.20
Onsite	SMW-11	Surficial Zone	Willis Creek	CAP3Q25-SMW-11-071025	--	07-10-2025 16:20	4.07	3.93	426.00	1.33	58.60	20.80
Onsite	SMW-12	Black Creek Aquifer	Willis Creek	CAP3Q25-SMW-12-071725	--	07-17-2025 13:05	3.73	0.43	113.10	4.76	160.50	20.60

**Notes:**

1 - Water Bearing Unit - refers to the primary aquifer unit where the well screen is estimated to be located.

**Abbreviations:**

- °C - degrees Celsius
- mg/L - milligrams per liter
- µS/cm - microsiemens per centimeter
- mV- millivolts
- NTU - Nephelometric Turbidity Units
- ORP - oxidation reduction potential
- S.U. - standard units
- Z in Sample ID denotes field filtration
- not applicable

**Table A5**  
**Seep and Surface Water Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	CFR-BLADEN	CFR-KINGS	CFR-KINGS	CFR-MILE-76
Field Sample ID	CAP3Q25-CFR-BLADEN-070125	CAP3Q25-CFR-KINGS-070725	CAP3Q25-CFR-KINGS-070725-D	CAP3Q25-CFR-RM-76-070125
Sample Date	2025-07-01	2025-07-07	2025-07-07	2025-07-01
QA/QC			Field Duplicate	
Sample Delivery Group (SDG)	320-123125-1	320-123368-1	320-123368-1	320-123117-1
Lab Sample ID	320-123125-3	320-123368-1	320-123368-2	320-123117-1
<b>Table 3+ (ng/L)</b>				
HFPO-DA	5.3	4.4	4.5	<4
PFMOAA	4.1	7.4	6.9	<2
PFO2HxA	5.4	7.2	7.4	2.4
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	9	12	12	5.1
PEPA	<2	2.2	<2	<2
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	6 J	7.8 J	9.5 J	11 J
Hydrolyzed PSDA	3.9 J	4.4 J	4.6 J	<2
R-PSDCA	<3	<3	<3	<3
NVHOS	<3	<3	<3	<3
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	2.4 J	5.6 J	5.6 J	<2
PFECA B	<2	<2	<2	<2
PES	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
PFPPrA	29	35	35	21
PFHpA	2.7	2.9	2.7	2.8
<b>Total Attachment C<sup>1,2</sup></b>	24	33	31	7.5
<b>Total Table3+ (17 compounds)<sup>2,3</sup></b>	24	33	31	7.5
<b>Total Table3+ (18 compounds)<sup>2,4</sup></b>	53	68	66	28
<b>Total Table3+ (21 compounds)<sup>2,5</sup></b>	65	86	86	40

**Table A5**  
**Seep and Surface Water Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	CFR-TARHEEL	CFR-TARHEEL	GBC-1
Field Sample ID	CAP3Q25-CFR-TARHEEL-070225	CAP3Q25-CFR-TARHEEL-24-070225	CAP3Q25-GBC-1-070125
Sample Date	2025-07-02	2025-07-02	2025-07-01
QA/QC			
Sample Delivery Group (SDG)	320-123125-1	320-123432-1	320-123125-1
Lab Sample ID	320-123125-5	320-123432-1	320-123125-2
<b>Table 3+ (ng/L)</b>			
HFPO-DA	5	9.3	280
PFMOAA	4.7	12	34
PFO2HxA	5.7	11	190
PFO3OA	<2	3.6	30
PFO4DA	<2	<2	9.5
PFO5DA	<2	<2	2.2
PMPA	8.6	12	500
PEPA	2	2.4	130
PS Acid	<2	<2	<2
Hydro-PS Acid	<2	<2	35
R-PSDA	5.8 J	9.9 J	54 J
Hydrolyzed PSDA	4 J	7.6 J	<2
R-PSDCA	<3	<3	<3
NVHOS	<3	<3	<3
EVE Acid	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2
R-EVE	<2	8.5 J	21 J
PFECA B	<2	<2	<2
PES	<2	<2	<2
PFECA-G	<2	<2	<2
PFPrA	31	44	450
PFHpA	2.7	2.9	<2
<b>Total Attachment C<sup>1,2</sup></b>	<b>26</b>	<b>50</b>	<b>1,200</b>
<b>Total Table3+ (17 compounds)<sup>2,3</sup></b>	<b>26</b>	<b>50</b>	<b>1,200</b>
<b>Total Table3+ (18 compounds)<sup>2,4</sup></b>	<b>57</b>	<b>94</b>	<b>1,700</b>
<b>Total Table3+ (21 compounds)<sup>2,5</sup></b>	<b>67</b>	<b>120</b>	<b>1,700</b>

**Table A5**  
**Seep and Surface Water Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	LOCK-DAM NORTH	LOCK-DAM SEEP	OLDOF-2
Field Sample ID	CAP3Q25-LOCK-DAM-NORTH-070125	CAP3Q25-LOCK-DAM-SEEP-070125	CAP3Q25-OLDOF-2-24-070225
Sample Date	2025-07-01	2025-07-01	2025-07-02
QA/QC			
Sample Delivery Group (SDG)	320-123117-1	320-123117-1	320-123125-1
Lab Sample ID	320-123117-6	320-123117-7	320-123125-1
<b>Table 3+ (ng/L)</b>			
HFPO-DA	2,800	7,500	230
PFMOAA	3,600	27,000	670
PFO2HxA	2,300	11,000	240 J
PFO3OA	480	7,600	120
PFO4DA	100	2,500	49
PFO5DA	<130	<130	20
PMPA	2,100	3,500	160
PEPA	710	1,300	62
PS Acid	<63	<63	<2
Hydro-PS Acid	<63	240	15
R-PSDA	140 J	480 J	14 J
Hydrolyzed PSDA	<160	460 J	23 J
R-PSDCA	<94	<94	<3
NVHOS	<94	470	12
EVE Acid	<210	<210	<2
Hydro-EVE Acid	<63	220	7
R-EVE	85 J	150 J	5.7 J
PFECA B	<78	<78	<2
PES	<63	<63	<2
PFECA-G	<63	<63	<2
PFPrA	3,600	11,000	3,400
PFHpA	<63	89	<2
<b>Total Attachment C<sup>1,2</sup></b>	<b>12,000</b>	<b>61,000</b>	<b>1,600</b>
<b>Total Table3+ (17 compounds)<sup>2,3</sup></b>	<b>12,000</b>	<b>61,000</b>	<b>1,600</b>
<b>Total Table3+ (18 compounds)<sup>2,4</sup></b>	<b>16,000</b>	<b>72,000</b>	<b>5,000</b>
<b>Total Table3+ (21 compounds)<sup>2,5</sup></b>	<b>16,000</b>	<b>73,000</b>	<b>5,000</b>

**Table A5**  
**Seep and Surface Water Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	OUTFALL 002	Intake River Water at Facility	WC-1
Field Sample ID	CAP3Q25-OUTFALL-002-24-070225	RIVER-WATER-INTAKE-24-070225	CAP3Q25-WC-1-24-070225
Sample Date	2025-07-02	2025-07-02	2025-07-02
QA/QC			
Sample Delivery Group (SDG)	320-123125-1	320-123117-1	320-123117-1
Lab Sample ID	320-123125-4	320-123117-5	320-123117-2
<b>Table 3+ (ng/L)</b>			
HFPO-DA	23	5	440
PFMOAA	6.2	3.8	1,500
PFO2HxA	6.4	5.2	550
PFO3OA	<2	<2	110
PFO4DA	2.9	<2	17
PFO5DA	<2	<2	<2
PMPA	14	9.5	520
PEPA	2.8 J	<2	120
PS Acid	<2	<2	<2
Hydro-PS Acid	2.5	<2	15
R-PSDA	19 J	16 J	170 J
Hydrolyzed PSDA	140 J	3.2 J	410 J
R-PSDCA	<3	<3	<3
NVHOS	<3	<3	19
EVE Acid	<2	<2	<2
Hydro-EVE Acid	<2	<2	7.1
R-EVE	4.1 J	3.4 J	76 J
PFECA B	<2	<2	<2
PES	<2	<2	<2
PFECA-G	<2	<2	<2
PFPrA	510 J	850	850
PFHpA	2.5	2.8	2.7
<b>Total Attachment C<sup>1,2</sup></b>	58	24	3,300
<b>Total Table3+ (17 compounds)<sup>2,3</sup></b>	58	24	3,300
<b>Total Table3+ (18 compounds)<sup>2,4</sup></b>	570	870	4,100
<b>Total Table3+ (21 compounds)<sup>2,5</sup></b>	730	900	4,800

**Table A5**  
**Seep and Surface Water Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	EB	EB
Field Sample ID	CAP3Q25-EQBLK-IS-070125	CAP3Q25-EQBLK-PP-070125
Sample Date	2025-07-01	2025-07-01
QA/QC	Equipment Blank	Equipment Blank
Sample Delivery Group (SDG)	320-123125-1	320-123125-1
Lab Sample ID	320-123125-6	320-123125-7
<b>Table 3+ (ng/L)</b>		
HFPO-DA	<4	<4
PFMOAA	<2	<2
PFO2HxA	<2	<2
PFO3OA	<2	<2
PFO4DA	<2	<2
PFO5DA	<2	<2
PMPA	<2	<2
PEPA	<2	<2
PS Acid	<2	<2
Hydro-PS Acid	<2	<2
R-PSDA	<2	<2
Hydrolyzed PSDA	<2	<2
R-PSDCA	<3	<3
NVHOS	<3	<3
EVE Acid	<2	<2
Hydro-EVE Acid	<2	<2
R-EVE	<2	<2
PFECA B	<2	<2
PES	<2	<2
PFECA-G	<2	<2
PFPrA	<5	<5
PFHpA	<2	<2
<b>Total Attachment C<sup>1,2</sup></b>	<b>ND</b>	<b>ND</b>
<b>Total Table3+ (17 compounds)<sup>2,3</sup></b>	<b>ND</b>	<b>ND</b>
<b>Total Table3+ (18 compounds)<sup>2,4</sup></b>	<b>ND</b>	<b>ND</b>
<b>Total Table3+ (21 compounds)<sup>2,5</sup></b>	<b>ND</b>	<b>ND</b>

**Notes:**

- 1 - Total Attachment C does not include Perfluoroheptanoic acid (PFHpA).
- 2 - Total Table 3+ and Total Attachment C were calculated including J qualified data and excludes non-detect data. The sum is rounded to two significant figures.
- 3 - Total Table 3+ (17 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
- 4 - Total Table 3+ (18 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, and R-EVE.
- 5 - Total Table 3+ (21 compounds) does not include Perfluoroheptanoic acid (PFHpA).

**Abbreviations:**

- Bold** - analyte detected above associated reporting limit.
- - not analyzed
- J - analyte detected; reported value may not be accurate or precise
- ND - no Table 3+ analytes were detected above the associated reporting limits.
- ng/L - nanograms per liter
- QA/QC - quality assurance/ quality control
- UJ - analyte not detected; reporting limit may not be accurate or precise
- < - analyte not detected above associated reporting limit

**Table A6**  
**Groundwater Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Water Bearing Unit	Black Creek Aquifer	Floodplain Deposits	Black Creek Aquifer	Floodplain Deposits	Floodplain Deposits
Location ID	BLADEN-1DR	LTW-01	LTW-02	LTW-03	LTW-04
Field Sample ID	CAP3Q25-BLADEN-1DR-071025	CAP3Q25-LTW-01-072425	CAP3Q25-LTW-02-071525	CAP3Q25-LTW-03-072425	CAP3Q25-LTW-04-072525
Sample Date	2025-07-10	2025-07-24	2025-07-15	2025-07-24	2025-07-25
QA/QC					
Sample Delivery Group (SDG)	320-123456-1	320-123927-1	320-123529-1	320-123927-1	320-123901-1
Lab Sample ID	320-123456-2	320-123927-3	320-123529-2	320-123927-1	320-123901-1
<b>Table 3+ (ng/L)</b>					
HFPO-DA	220	15,000	18,000	9,400	17,000
PFMOAA	32	15,000	28,000	120,000	51,000 J
PFO2HxA	110	14,000	26,000	30,000	21,000
PFO3OA	14	3,400	7,100	5,200	3,800
PFO4DA	<2	1,300	470	200	430
PFO5DA	<2	180	<130	<130	<130
PMPA	310	11,000	18,000	14,000	12,000
PEPA	110	4,000	4,600	3,000	3,900
PS Acid	<2	<63	<63	<63	<63
Hydro-PS Acid	<2	420	<63	<63	150
R-PSDA	13 J	1,000 J	1,000 J	1,100 J	1,600 J
Hydrolyzed PSDA	<2	320 J	2,300 J	8,500 J	2,000 J
R-PSDCA	<3	<94	<94	<94	<94
NVHOS	<3	320	520	1,100	950
EVE Acid	<2	<210	<210	<210	<210
Hydro-EVE Acid	<2	120	130	<63	270
R-EVE	7.5 J	530 J	540 J	490 J	1,600 J
PFECA B	<2	<78	<78	<78	<78
PES	<2	<63	<63	<63	<63
PFECA-G	<2	<63	<63	<63	<63
PFPPrA	230	13,000	23,000	43,000	38,000
PFHpA	<2	<63	<63	<63	<63
<b>Total Attachment C<sup>1,2</sup></b>	<b>800</b>	<b>64,000</b>	<b>100,000</b>	<b>180,000</b>	<b>110,000</b>
<b>Total Table3+ (17 compounds)<sup>2,3</sup></b>	<b>800</b>	<b>65,000</b>	<b>100,000</b>	<b>180,000</b>	<b>110,000</b>
<b>Total Table3+ (18 compounds)<sup>2,4</sup></b>	<b>1,000</b>	<b>78,000</b>	<b>130,000</b>	<b>230,000</b>	<b>150,000</b>
<b>Total Table3+ (21 compounds)<sup>2,5</sup></b>	<b>1,000</b>	<b>80,000</b>	<b>130,000</b>	<b>240,000</b>	<b>150,000</b>

**Table A6**  
**Groundwater Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Water Bearing Unit	Black Creek Aquifer	Black Creek Aquifer	Black Creek Aquifer	Black Creek Aquifer	Floodplain Deposits
Location ID	LTW-05	OW-28	OW-33	PIW-1D	PIW-1S
Field Sample ID	CAP3Q25-LTW-05-072825	CAP3Q25-OW-28-071725	CAP3Q25-OW-33-071725	CAP3Q25-PIW-1D-071025	CAP3Q25-PIW-1S-072125
Sample Date	2025-07-28	2025-07-17	2025-07-17	2025-07-10	2025-07-21
QA/QC					
Sample Delivery Group (SDG)	320-123901-1	320-123663-1	320-123666-1	320-123463-1	320-123669-1
Lab Sample ID	320-123901-4	320-123663-6	320-123666-4	320-123463-4	320-123669-5
<b>Table 3+ (ng/L)</b>					
HFPO-DA	23,000	3,600	5,600	10,000	1,500 J
PfMOAA	130,000 J	1,700	7,800	3,700	310
PFO2HxA	44,000	2,500	4,700	7,900	810 J
PFO3OA	10,000	620	820	1,300	210
PFO4DA	2,100	160	<63	380	200
PFO5DA	<130	<130	<130	<130	47
PMPA	4,900	3,900	4,800	10,000	530 J
PEPA	770	1,500	1,800	2,800	200
PS Acid	<63	<63	<63	<63	<2
Hydro-PS Acid	210	110	<63	160	420 J
R-PSDA	880 J	360 J	310 J	460 J	440 J
Hydrolyzed PSDA	1,800 J	<160	<160	<160	<2
R-PSDCA	<94	<94	<94	<94	<3
NVHOS	1,300	<94	120	<94	9.8
EVE Acid	<210	<210	<210	<210	<2
Hydro-EVE Acid	690	<63	<63	<63	37
R-EVE	1,100 J	180 J	230 J	240 J	100 J
PFECA B	<78	<78	<78	<78	<2
PES	<63	<63	<63	<63	<2
PFECA-G	<63	<63	<63	<63	<2
PFPrA	70,000 J	3,400	6,600	7,700	650 J
PFHpA	210	<63	<63	<63	12
<b>Total Attachment C<sup>1,2</sup></b>	<b>210,000</b>	<b>14,000</b>	<b>26,000</b>	<b>36,000</b>	<b>4,200</b>
<b>Total Table3+ (17 compounds)<sup>2,3</sup></b>	<b>220,000</b>	<b>14,000</b>	<b>26,000</b>	<b>36,000</b>	<b>4,300</b>
<b>Total Table3+ (18 compounds)<sup>2,4</sup></b>	<b>290,000</b>	<b>17,000</b>	<b>32,000</b>	<b>44,000</b>	<b>4,900</b>
<b>Total Table3+ (21 compounds)<sup>2,5</sup></b>	<b>290,000</b>	<b>18,000</b>	<b>33,000</b>	<b>45,000</b>	<b>5,500</b>

**Table A6**  
**Groundwater Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Water Bearing Unit	Black Creek Aquifer	Black Creek Aquifer	Floodplain Deposits	Surficial Zone	Surficial Zone
Location ID	PIW-3D	PIW-7D	PIW-7S	PW-04	PW-06
Field Sample ID	CAP3Q25-PIW-3D-071525	CAP3Q25-PIW-7D-072825	CAP3Q25-PIW-7S-071725	CAP3Q25-PW-04-071725	CAP3Q25-PW-06-071825
Sample Date	2025-07-15	2025-07-28	2025-07-17	2025-07-17	2025-07-18
QA/QC					
Sample Delivery Group (SDG)	320-123663-1	320-123901-1	320-123666-1	320-123663-1	320-123666-1
Lab Sample ID	320-123663-1	320-123901-2	320-123666-2	320-123663-8	320-123666-7
<b>Table 3+ (ng/L)</b>					
HFPO-DA	22,000	18,000	13,000	450 J	1,500 J
PFMOAA	29,000	120,000 J	12,000	230	170
PFO2HxA	25,000	41,000	9,000	570 J	800 J
PFO3OA	5,700	7,400	3,500	280	100
PFO4DA	1,500	950	410	92	88
PFO5DA	160	<130	<130	3.1	<2
PMPA	17,000	5,400	6,200	740 J	1,100 J
PEPA	5,800	1,100	2,600	210	460 J
PS Acid	<63	<63	<63	<2	<2
Hydro-PS Acid	330	88	320	51	53
R-PSDA	1,200 J	810 J	980 J	100 J	130 J
Hydrolyzed PSDA	290 J	1,500 J	<160	<2	<2
R-PSDCA	<94	<94	<94	<3	<3
NVHOS	430	1,400	560	3.5	7.3
EVE Acid	<210	<210	<210	<2	<2
Hydro-EVE Acid	150	310	440	9.2	9.5
R-EVE	710 J	1,000 J	1,300 J	48 J	51 J
PFECA B	<78	<78	<78	<2	<2
PES	<63	<63	<63	<2	<2
PFECA-G	<63	<63	<63	<2	<2
PFPrA	22,000	63,000 J	11,000	1,200 J	1,200 J
PFHpA	<63	76	<63	6.2	6.8
<b>Total Attachment C<sup>1,2</sup></b>	<b>110,000</b>	<b>190,000</b>	<b>47,000</b>	<b>2,600</b>	<b>4,300</b>
<b>Total Table3+ (17 compounds)<sup>2,3</sup></b>	<b>110,000</b>	<b>200,000</b>	<b>48,000</b>	<b>2,600</b>	<b>4,300</b>
<b>Total Table3+ (18 compounds)<sup>2,4</sup></b>	<b>130,000</b>	<b>260,000</b>	<b>59,000</b>	<b>3,800</b>	<b>5,500</b>
<b>Total Table3+ (21 compounds)<sup>2,5</sup></b>	<b>130,000</b>	<b>260,000</b>	<b>61,000</b>	<b>4,000</b>	<b>5,700</b>

**Table A6**  
**Groundwater Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Water Bearing Unit	Surficial Zone	Black Creek Aquifer	Black Creek Aquifer	Black Creek Aquifer	Surficial Zone
Location ID	PW-07	PW-09	PW-09	PZ-22	SMW-10
Field Sample ID	CAP3Q25-PW-07-071625	CAP3Q25-PW-09-070925	CAP3Q25-PW-09-070925-Z	CAP3Q25-PZ-22-072925	CAP3Q25-SMW-10-071125
Sample Date	2025-07-16	2025-07-09	2025-07-09	2025-07-29	2025-07-11
QA/QC		Unfiltered	Filtered		
Sample Delivery Group (SDG)	320-123663-1	320-123356-1	320-123356-1	320-123897-1	320-123463-1
Lab Sample ID	320-123663-2	320-123356-2	320-123356-3	320-123897-7	320-123463-3
<b>Table 3+ (ng/L)</b>					
HFPO-DA	250	<4	<4	14,000	9.6
PFMOAA	110	3.4	2.2	130,000 J	220
PFO2HxA	350	<2	<2	43,000	35
PFO3OA	50	<2	<2	5,900	<2
PFO4DA	82	<2	<2	380	<2
PFO5DA	<2	<2	<2	<130	<2
PMPA	360 J	<2	<2	7,500	40
PEPA	81	<2	<2	1,600	<2
PS Acid	<2	<2	<2	<63	<2
Hydro-PS Acid	34	<2	<2	<63	<2
R-PSDA	110 J	<2	<2	650 J	<2
Hydrolyzed PSDA	<2	<2	<2	3,500 J	<2
R-PSDCA	<3	<3	<3	<94	<3
NVHOS	<3	<3	<3	1,200	<3
EVE Acid	<2	<2	<2	<210	<2
Hydro-EVE Acid	10	<2	<2	130	<2
R-EVE	49 J	<2	<2	560 J	<2
PFECA B	<2	<2	<2	<78	<2
PES	<2	<2	<2	<63	<2
PFECA-G	<2	<2	<2	<63	<2
PFPrA	620 J	<5	<5	59,000 J	270
PFHpA	3.9	<2	<2	<63	<2
<b>Total Attachment C<sup>1,2</sup></b>	<b>1,300</b>	<b>3.4</b>	<b>2.2</b>	<b>200,000</b>	<b>300</b>
<b>Total Table3+ (17 compounds)<sup>2,3</sup></b>	<b>1,300</b>	<b>3.4</b>	<b>2.2</b>	<b>200,000</b>	<b>300</b>
<b>Total Table3+ (18 compounds)<sup>2,4</sup></b>	<b>1,900</b>	<b>3.4</b>	<b>2.2</b>	<b>260,000</b>	<b>570</b>
<b>Total Table3+ (21 compounds)<sup>2,5</sup></b>	<b>2,100</b>	<b>3.4</b>	<b>2.2</b>	<b>270,000</b>	<b>570</b>

**Table A6**  
**Groundwater Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Water Bearing Unit	Surficial Zone	Black Creek Aquifer	NA	NA	NA
Location ID	SMW-11	SMW-12	EB	EB	EB
Field Sample ID	CAP3Q25-SMW-11-071025	CAP3Q25-SMW-12-071725	CAP3Q25-EQBLK-DV-071025	CAP3Q25-EQBLK-PP-071025	CAP3Q25-EQBLK-DV-071425-Z
Sample Date	2025-07-10	2025-07-17	2025-07-10	2025-07-10	2025-07-14
QA/QC			Equipment Blank	Equipment Blank	Equipment Blank
Sample Delivery Group (SDG)	320-123463-1	320-123663-1	320-123358-1	320-123358-1	320-123433-1
Lab Sample ID	320-123463-5	320-123663-5	320-123358-6	320-123358-5	320-123433-1
<b>Table 3+ (ng/L)</b>					
HFPO-DA	6,500	6,300	<4	<4	<4
PFMOAA	15,000	9,600	<2	<2	<2
PFO2HxA	6,300	5,200	<2	<2	<2
PFO3OA	1,400	510	<2	<2	<2
PFO4DA	460	<63	<2	<2	<2
PFO5DA	<130	<130	<2	<2	<2
PMPA	4,800	5,900	<2	<2	<2
PEPA	1,000	1,600	<2	<2	<2
PS Acid	<63	<63	<2	<2	<2
Hydro-PS Acid	84	<63	<2	<2	<2
R-PSDA	150 J	190 J	<2	<2	<2
Hydrolyzed PSDA	300 J	<160	<2	<2	<2
R-PSDCA	<94	<94	<3	<3	<3
NVHOS	270	190	<3	<3	<3
EVE Acid	<210	<210	<2	<2	<2
Hydro-EVE Acid	<63	<63	<2	<2	<2
R-EVE	91 J	160 J	<2	<2	<2
PFECA B	<78	<78	<2	<2	<2
PES	<63	<63	<2	<2	<2
PFECA-G	<63	<63	<2	<2	<2
PFPrA	7,300	7,300	<5	<5	<5
PFHpA	<63	<63	<2	<2	<2
<b>Total Attachment C<sup>1,2</sup></b>	<b>36,000</b>	<b>29,000</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>
<b>Total Table3+ (17 compounds)<sup>2,3</sup></b>	<b>36,000</b>	<b>29,000</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>
<b>Total Table3+ (18 compounds)<sup>2,4</sup></b>	<b>43,000</b>	<b>37,000</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>
<b>Total Table3+ (21 compounds)<sup>2,5</sup></b>	<b>44,000</b>	<b>37,000</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>

**Table A6**  
**Groundwater Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Water Bearing Unit	NA	NA	NA	NA
Location ID	EB	EB	EB	EB
Field Sample ID	CAP3Q25-EQBLK-PP-071425-Z	CAP3Q25-BAILER-071625	CAP3Q25-EQBLK-PP-072225	CAP3Q25-EQBLK-PP-072425
Sample Date	2025-07-14	2025-07-16	2025-07-22	2025-07-24
QA/QC	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank
Sample Delivery Group (SDG)	320-123433-1	320-123542-1	320-123669-1	320-123750-1
Lab Sample ID	320-123433-2	320-123542-3	320-123669-6	320-123750-4
<b>Table 3+ (ng/L)</b>				
HFPO-DA	<4	<4	<4	<4
PFMOAA	<2	<2	<2	<2
PFO2HxA	<2	<2	<2	<2
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	<2	<2	<2	<2
PEPA	<2	<2	<2	<2
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	<2	<2	<2	<2
Hydrolyzed PSDA	<2	<2	<2	<2
R-PSDCA	<3	<3	<3	<3
NVHOS	<3	<3	<3	<3
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PES	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
PFPrA	<5	<5	<5	<5
PFHpA	<2	<2	<2	<2
<b>Total Attachment C<sup>1,2</sup></b>	<b>ND</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>
<b>Total Table3+ (17 compounds)<sup>2,3</sup></b>	<b>ND</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>
<b>Total Table3+ (18 compounds)<sup>2,4</sup></b>	<b>ND</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>
<b>Total Table3+ (21 compounds)<sup>2,5</sup></b>	<b>ND</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>

**Table A6**  
**Groundwater Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Water Bearing Unit	NA	NA
Location ID	EB	EB
Field Sample ID	CAP3Q25-EQBLK-DV-073025	CAP3Q25-EQBLK-PP-080425
Sample Date	2025-07-30	2025-08-04
QA/QC	Equipment Blank	Equipment Blank
Sample Delivery Group (SDG)	320-123897-1	320-124057-1
Lab Sample ID	320-123897-8	320-124057-6
<b>Table 3+ (ng/L)</b>		
HFPO-DA	<4	<4
PFMOAA	<2	<2
PFO2HxA	<2	<2
PFO3OA	<2	<2
PFO4DA	<2	<2
PFO5DA	<2	<2
PMPA	<2	<2
PEPA	<2	<2
PS Acid	<2	<2
Hydro-PS Acid	<2	<2
R-PSDA	<2	<2
Hydrolyzed PSDA	<2	<2
R-PSDCA	<3	<3
NVHOS	<3	<3
EVE Acid	<2	<2
Hydro-EVE Acid	<2	<2
R-EVE	<2	<2
PFECA B	<2	<2
PES	<2	<2
PFECA-G	<2	<2
PFPrA	<5	<5
PFHpA	<2	<2
<b>Total Attachment C<sup>1,2</sup></b>	<b>ND</b>	<b>ND</b>
<b>Total Table3+ (17 compounds)<sup>2,3</sup></b>	<b>ND</b>	<b>ND</b>
<b>Total Table3+ (18 compounds)<sup>2,4</sup></b>	<b>ND</b>	<b>ND</b>
<b>Total Table3+ (21 compounds)<sup>2,5</sup></b>	<b>ND</b>	<b>ND</b>

**Notes:**

- 1 - Total Attachment C does not include Perfluoroheptanoic acid (PFHpA).
- 2 - Total Table 3+ and Total Attachment C were calculated including J qualified data and excludes non-detect data. The sum is rounded to two significant figures.
- 3 - Total Table 3+ (17 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
- 4 - Total Table 3+ (18 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, and R-EVE.
- 5 - Total Table 3+ (21 compounds) does not include Perfluoroheptanoic acid (PFHpA).

**Abbreviations:**

- Bold** - analyte detected above associated reporting limit
- - not analyzed
- J - analyte detected; reported value may not be accurate or precise
- NA - not applicable
- ND - no Table 3+ analytes were detected above the associated reporting limits
- ng/L - nanograms per liter
- QA/QC - quality assurance/ quality control
- UJ - analyte not detected; reporting limit may not be accurate or precise
- < - analyte not detected above associated reporting limit

**Table A7**  
**Summary of Total PFAS Mass Discharge by Pathway After Remedies - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Pathway	Pathway Name	Total Flow Volume on Sample Date (MG) <sup>1</sup>	Total Attachment C <sup>2,3</sup>		Total Table 3+ (17 compounds) <sup>2,4</sup>		Total Table 3+ (18 compounds) <sup>2,5</sup>		Total Table 3+ (21 compounds) <sup>2</sup>	
			Concentration (ng/L)	Mass Discharge (mg/s)	Concentration (ng/L)	Mass Discharge (mg/s)	Concentration (ng/L)	Mass Discharge (mg/s)	Concentration (ng/L)	Mass Discharge (mg/s)
1	Upstream River Water and Groundwater <sup>6</sup>	789	8	0.26	8	0.26	28	0.97	40	1.38
2	Willis Creek	2.6	3,300	0.37	3,300	0.37	4,100	0.46	4,800	0.54
3	Aerial Deposition on Water Features <sup>7</sup>	--	--	0.0057	--	0.0057	--	0.0075	--	0.0079
4	Outfall 002 <sup>8</sup>	14	34	0.021	34	0.021	34	0.021	174	0.11
4A	Stormwater Treatment System <sup>9</sup>	0.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Onsite Groundwater <sup>10</sup>	--	--	0.052	--	0.052	--	0.066	--	0.067
6A	Seep A <sup>11</sup>	--	--	--	--	--	--	--	--	--
6B	Seep B <sup>11</sup>	--	--	--	--	--	--	--	--	--
6C	Seep C <sup>11</sup>	--	--	--	--	--	--	--	--	--
6D	Seep C <sup>11</sup>	--	--	--	--	--	--	--	--	--
6E	Lock and Dam Seep	2.5E-03	61,000	0.0067	61,000	0.0067	72,000	0.0079	73,000	0.0080
6F	Lock and Dam Seep North	8.5E-04	12,000	4.5E-04	12,000	4.5E-04	16,000	6.0E-04	16,000	6.0E-04
7	Outfall 003 Stream	0.49	1,600	0.035	1,600	0.035	5,000	0.11	5,000	0.11
8	Offsite Adjacent and Downstream Groundwater <sup>12</sup>	--	--	0.10	--	0.10	--	0.36	--	0.52
9	Georgia Branch Creek	2.20	1,200	0.12	1,200	0.12	1,700	0.16	1,700	0.16
<b>Calculated Total Table 3+ Loading (mg/s) at Tar Heel</b>				<b>0.96</b>		<b>0.96</b>		<b>2.2</b>		<b>2.9</b>

**Notes:**

- 1 - Total flow volume is determined based on measurements taken over 24-hour sample collection period for all locations except Willis Creek, the Lock and Dam Seeps, Outfall 003, and Georgia Branch Creek. At these locations, the total flow volume was estimated based on the instantaneous flow measurement.
- 2 - Non-detect concentration results were assigned a value of zero for mass discharge (mg/s) calculations.
- 3 - Mass discharge calculations for Total Attachment C does not include Perfluoroheptanoic acid (PFHpA).
- 4 - Total Table 3+ (17 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, R-EVE and PFPrA.
- 5 - Total Table 3+ (18 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, and REVE.
- 6 - The volumetric flow rate for upstream river water and groundwater was estimated by subtracting inflows from Willis Creek, upwelling groundwater, seeps to the river, and Outfall 002 and by adding the river water intake from Chemours to the flow rate measurement from the W.O. Huske Dam.
- 7 - Pathway 1, aerial deposition, mass discharge calculation is presented in Geosyntec (2025) Attachment ATT2
- 8 - Total PFAS concentrations at the Intake River Water at Facility location are subtracted from Outfall 002 concentrations to compute the mass discharge at Outfall 002. To avoid biasing mass loading estimates low a concentration of zero is applied to analytes where intake concentrations are higher than outfall concentrations.
- 9 - The stormwater treatment system captures PFAS originating from Stormwater in the Monomers/IXM area that would otherwise flow to Outfall 002 during storm events. During the 2025 Q3 event effluent data were non-detect.
- 10 - Pathway 5, groundwater, mass discharge calculation is presented in Table ATT1-14.
- 11 - No water was flowing through the seeps and therefore no sample nor flow measurements could be collected.
- 12 - Pathway 8, Upstream and Adjacent Groundwater, mass discharge is calculated by applying a scaling factor of 0.38 to the mass discharge of Pathway 1, Upstream River Water and Groundwater, following the methods outlined in Geosyntec (2020) Appendix E.

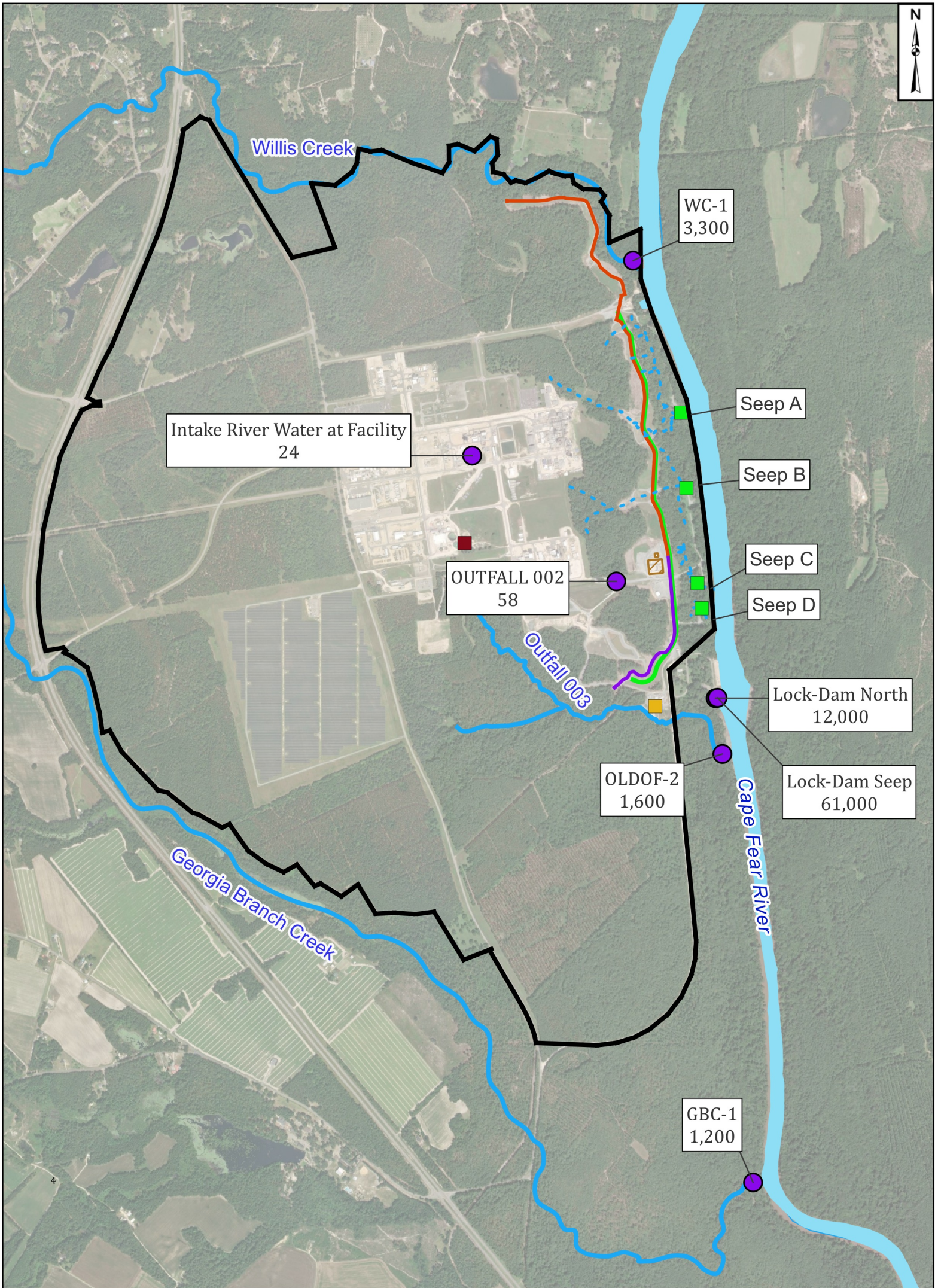
**Abbreviations:**

-- no sample collected, or calculations presented elsewhere as described in notes  
 MG - million gallons  
 mg/s - milligrams per second  
 ng/L - nanograms per liter

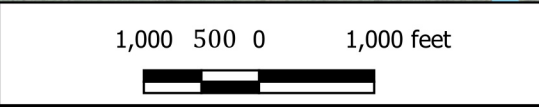
**Refernces:**

- Geosyntec. (2020). Cape Fear River Mass Loading Calculation Protocol Version 2, Chemours Fayetteville Works. November 18, 2020.  
 - Geosyntec. (2025). Cape Fear River PFAS Mass Loading Assessment – Second Quarter 2025. Chemours Fayetteville Works. September 2025.

# Appendix A Figures



- Legend**
- Sample Location
  - Flow-Through Cell
  - Outfall 003 Treatment System
  - Stormwater Treatment System
  - Groundwater Treatment Pad
  - Site Boundary
  - Nearby Tributary
  - Observed Seep
  - North Forcemain
  - South Forcemain
  - Barrier Wall



**Total Table 3+ Concentrations (17 Compounds) in Surface Water - July 2025**  
Chemours Fayetteville Works, North Carolina

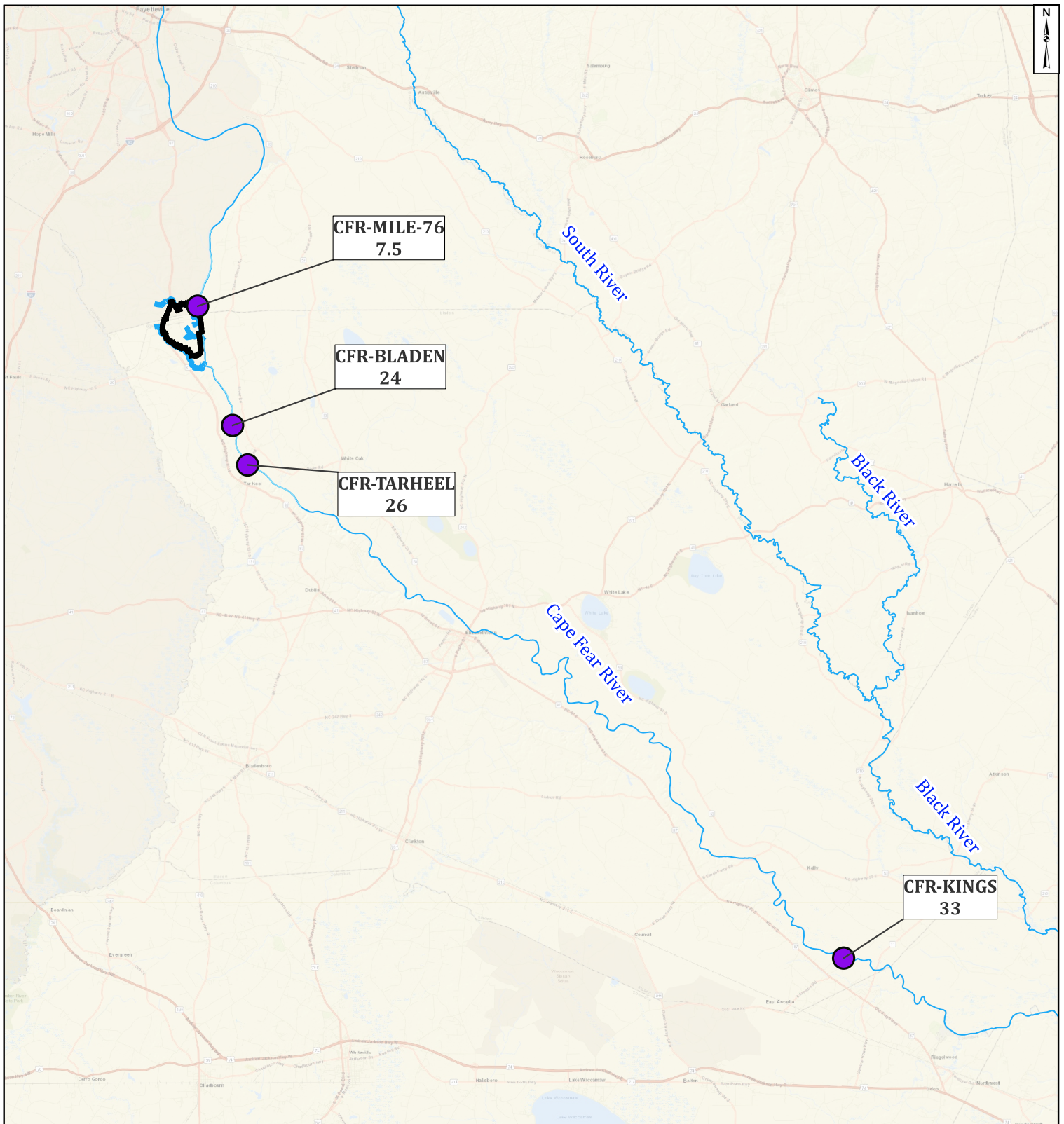
- Notes:**
1. All results are in nanograms per liter (ng/L).
  2. Total Table 3+ (17 compounds) concentrations presented for primary samples.
  3. Total Table 3+ (17 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
  4. Non-detect values were not included in sum of total Table 3+ results.
  5. Total Table 3+ results include J-qualified data.
  6. Basemap source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

**CALIBER INSIGHTS**

December 2025

**Figure**  
**A1**

Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US



**Legend**

● Sample Location    — Site Boundary    — Rivers

**Notes:**

1. All results are in nanograms per liter.
2. Total Table 3+ (17 compounds) concentrations presented for primary samples.
3. Total Table 3+ (17 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4. Non-detect values were not included in sum of total Table 3+ results.
5. Total Table 3+ results include J-qualified data.
6. Basemap source: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community.

5 2.5 0 5 miles



**Cape Fear River Total Table 3+ Concentrations  
(17 Compounds) - July 2025**

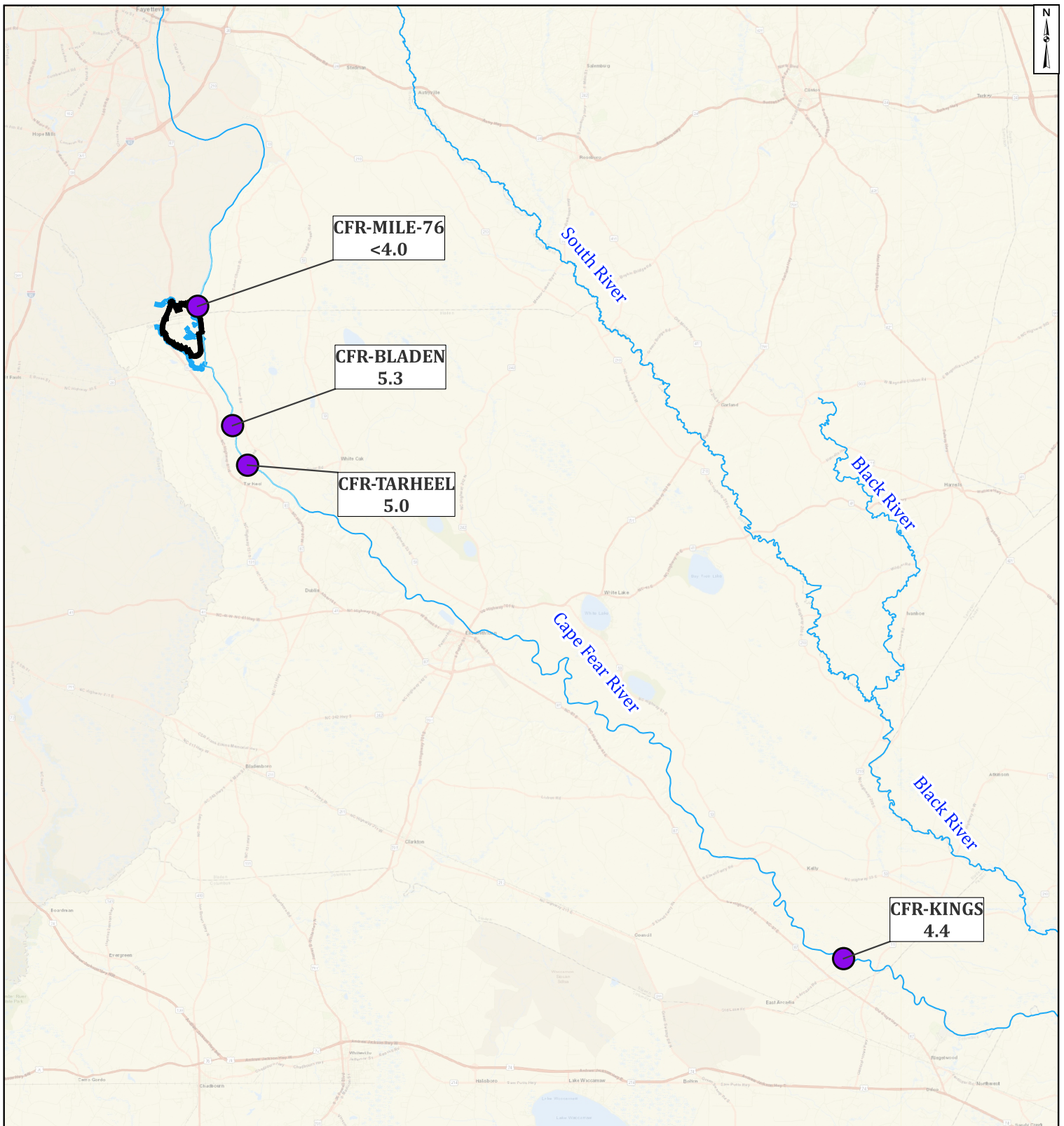
Chemours Fayetteville Works, North Carolina



**Figure**

**A2**

December 2025



**Legend**

● Sample Location  
  Site Boundary  
 — Rivers

**Notes:**

1. All results are in nanograms per liter.
2. HFPO-DA concentrations presented for primary samples.
3. < - Analyte not detected above associated reporting limit.
4. Basemap source: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community.

5   2.5   0   5 miles



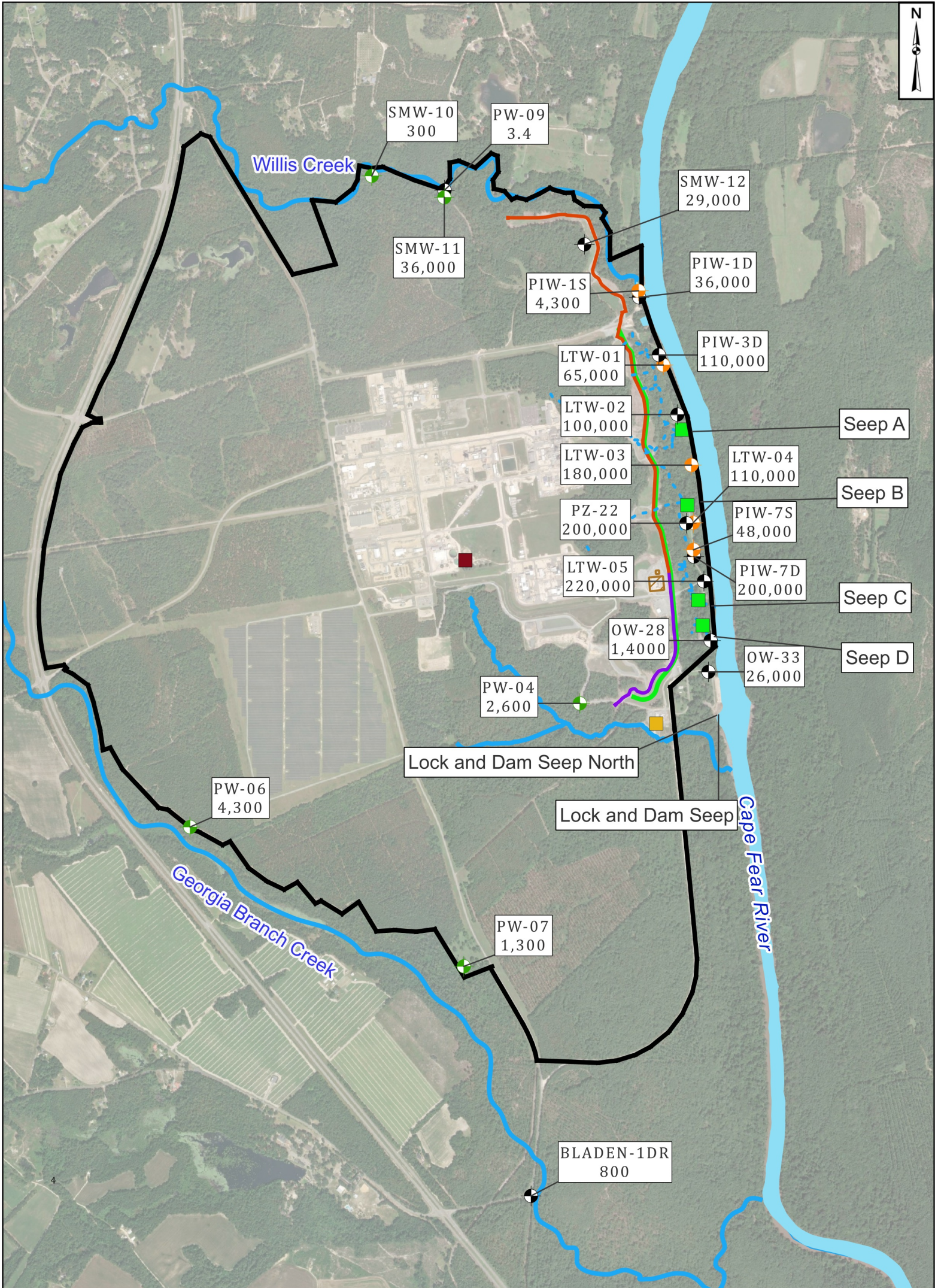
**Cape Fear River HFPO-DA Concentrations  
July 2025**  
Chemours Fayetteville Works, North Carolina

**CALIBER  
INSIGHTS**

**Figure**

December 2025

**A3**



**Legend**

Monitoring Wells	Outfall 003 Treatment System	North Forcemain
Surficial Zone	Stormwater Treatment System	South Forcemain
Floodplain Deposits	Site Boundary	Barrier Wall
Black Creek Aquifer	Nearby Tributary	Groundwater Treatment Pad
Flow-Through Cell	Observed Seep	

**Notes:**

- All results are in nanograms per liter.
- Total Table 3+ (17 compounds) concentrations presented for primary samples.
- Total Table 3+ concentrations include J-qualified data and exclude non-detect values and R-PSDA, Hydrolyzed PSDA, and R-EVE.
- The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS.
- Basemap source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 feet

**Total Table 3+ Concentrations  
(17 Compounds) in Groundwater -  
Q3 2025**

Chemours Fayetteville Works, North Carolina

**CALIBER INSIGHTS**

**Figure**

December 2025

**A4**

Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

# Attachment ATT1: Supplemental Tables to the Mass Loading Model

**Table ATT1-1**  
**Seep A Flow-Through Cell Flow Data - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

<b>Location ID</b>	<b>Date/Time</b>	<b>Flow Rate<sup>1</sup> (gpm)</b>	<b>Bypass Spillway Flow Rate (gpm)</b>	<b>Bypass Spillway Volume (gal)</b>	<b>Flow Volume (gal)</b>
Seep A	2025-07-02	--	--	--	--
	<b>Total Flow Volume (gal)</b>		--	--	--

**Notes:**

1 - There was no flow at the seep flow through cell during the time of sampling, and therefore a flow rate was not calculated.

**Abbreviations:**

-- - not applicable

gal - gallons

gpm - gallons per minute

**Table ATT1-2**  
**Seep B Flow-Through Cell Flow Data - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

<b>Location ID</b>	<b>Date/Time</b>	<b>Flow Rate<sup>1</sup> (gpm)</b>	<b>Bypass Spillway Flow Rate (gpm)</b>	<b>Bypass Spillway Volume (gal)</b>	<b>Flow Volume (gal)</b>
Seep B	2025-07-02	--	--	--	--
	<b>Total Flow Volume (gal)</b>		--	--	--

**Notes:**

1 - There was no flow at the seep flow through cell during the time of sampling, and therefore a flow rate was not calculated.

**Abbreviations:**

-- - not applicable

gal - gallons

gpm - gallons per minute

**Table ATT1-3**  
**Seep C Flow-Through Cell Flow Data - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	Date/Time	Flow Rate <sup>1</sup> (gpm)	Bypass Spillway Flow Rate (gpm)	Bypass Spillway Volume (gal)	Flow Volume (gal)
Seep C	2025-07-02	--	--	--	--
	<b>Total Flow Volume (gal)</b>		--	--	--

**Notes:**

1 - There was no flow at the seep flow through cell during the time of sampling, and therefore a flow rate was not calculated.

**Abbreviations:**

-- - not applicable

gal - gallons

gpm - gallons per minute

**Table ATT1-4**  
**Seep D Flow-Through Cell Flow Data - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

<b>Location ID</b>	<b>Date/Time</b>	<b>Flow Rate<sup>1</sup> (gpm)</b>	<b>Bypass Spillway Flow Rate (gpm)</b>	<b>Bypass Spillway Volume (gal)</b>	<b>Flow Volume (gal)</b>
Seep D	2025-07-02	--	--	--	--
	<b>Total Flow Volume (gal)</b>		--	--	--

**Notes:**

1 - There was no flow at the seep flow through cell during the time of sampling, and therefore a flow rate was not calculated.

**Abbreviations:**

-- - not applicable

gal - gallons

gpm - gallons per minute

**Table ATT1-5**  
**Outfall 003 Stream Volumetric Discharge Calculations - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Measurement Point <sup>1</sup>	Distance Along Measured Cross Section	Measured Water Column Depth	Measured Creek Velocity
	(ft)	(ft)	(ft/s)
Bank	0	0	0.00
T	0.1	0.1	0.96
T	0.5	0.2	1.22
T	1	0.2	1.17
T	1.5	0.2	1.09
T	2	0.2	0.91
T	2.5	0.25	0.96
T	3	0.2	0.96
T	3.5	0.22	0.61
T	4	0.1	0.61
T	4.5	0.1	0.1
Bank	4.6	0	0

Cell ID	Cell Span Along Cross Section	Calculated Creek Cell Area <sup>2</sup>	Calculated Cell Velocity <sup>3</sup>	Calculated Discharge Through Creek Cell Area <sup>4</sup>
	(ft)	(ft <sup>2</sup> )	(ft/s)	(ft <sup>3</sup> /s)
A	0 to 0.1	0.005	0.48	0.0024
B	0.1 to 0.5	0.06	1.1	0.065
C	0.5 to 1	0.1	1.2	0.12
D	1 to 1.5	0.1	1.1	0.11
E	1.5 to 2	0.1	1.0	0.10
F	2 to 2.5	0.1125	0.94	0.11
G	2.5 to 3	0.1125	0.96	0.11
H	3 to 3.5	0.105	0.79	0.082
I	3.5 to 4	0.08	0.61	0.049
J	4 to 4.5	0.05	0.36	0.018
K	4.5 to 4.6	0.005	0.05	0.00025
<b>Total Volumetric Discharge (ft<sup>3</sup>/s)</b>				<b>0.76</b>
<b>(L/s)</b>				<b>22</b>
<b>MGD</b>				<b>0.49</b>

**Notes:**

- 1 - Measurement points located along stream transect at sampling location OLD0F-2 on July 1, 2025.
- 2 - For each Cell ID, Calculated Cell Area is calculated assuming a trapezoidal geometry based on Distances Along Measured Cross-Section and the Measured Water Column Depths.
- 3 - For each Cell ID, Calculated Cell Velocity is calculated as the average of the Measured Creek Velocity from each edge of the cell trapezoid, i.e., measurement points. For each measurement point, the mid-depth velocity, if available, is used preferentially in the Calculated Cell Velocity, otherwise the average of the velocities at the top and/or bottom measurements are used.
- 4 - For each Cell ID, Calculated Discharge Through Creek Cell Area is calculated as the product of Calculated Creek Cell Area and Calculated Cell Velocity.

**Abbreviations:**

- B - bottom depth of water
- ft - feet
- ft/s - feet per second
- ft<sup>2</sup> - square feet
- ft<sup>3</sup>/s - cubic feet per second

- L/s - liters per second
- M - middle depth of water
- MGD - millions of gallons per day
- T - top depth of water (i.e., 0 ft)

**Table ATT1-6**  
**Willis Creek Volumetric Discharge Calculations - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Measurement Point <sup>1</sup>	Distance Along Measured Cross Section	Measured Water Column Depth	Measured Creek Velocity
	(ft)	(ft)	(ft/s)
Bank	0	0	0.00
T	2	0.2	0.06
T	4	0	0.94
B	4	0.5	0.49
T	6	0	1.40
B	6	0.5	1.32
T	8	0	1.27
B	8	0.4	0.93
T	10	0	1.36
B	10	0.3	1.15
T	12	0	0.56
B	12	0.3	0.43
T	14	0.1	0.05
Bank	14.1	0	0.00

Cell ID	Cell Span Along Cross Section	Calculated Creek Cell Area <sup>2</sup>	Calculated Cell Velocity <sup>3</sup>	Calculated Discharge Through Creek Cell Area <sup>4</sup>
	(ft)	(ft <sup>2</sup> )	(ft/s)	(ft <sup>3</sup> /s)
A	0 to 2	0.2	0.03	0.01
B	2 to 4	0.7	0.50	0.35
C	4 to 6	1	1.0	1.0
D	6 to 8	0.9	1.2	1.1
E	8 to 10	0.7	1.2	0.8
F	10 to 12	0.6	0.88	0.53
G	12 to 14	0.4	0.27	0.11
H	14 to 14.1	0.005	0.025	0.00013
<b>Total Volumetric Discharge (ft<sup>3</sup>/s)</b>				4.0
<b>(L/s)</b>				112
<b>MGD</b>				2.6

**Notes:**

- 1 - Measurement points located along stream transect at sampling location WC-1 on July 1, 2025.
- 2 - For each Cell ID, Calculated Cell Area is calculated assuming a trapezoidal geometry based on Distances Along Measured Cross-Section and the Measured Water Column Depths.
- 3 - For each Cell ID, Calculated Cell Velocity is calculated as the average of the Measured Creek Velocity from each edge of the cell trapezoid, i.e., measurement points. For each measurement point, the mid-depth velocity, if available, is used preferentially in the Calculated Cell Velocity, otherwise the average of the velocities at the top and/or bottom measurements are used.
- 4 - For each Cell ID, Calculated Discharge Through Creek Cell Area is calculated as the product of Calculated Creek Cell Area and Calculated Cell Velocity.

**Abbreviations:**

B - bottom depth of water  
 ft - feet  
 ft/s - feet per second  
 ft<sup>2</sup> - square feet  
 ft<sup>3</sup>/s - cubic feet per second

L/s - liters per second  
 M - middle depth of water  
 MGD - millions of gallons per day  
 T - top depth of water (i.e., 0 ft)

**Table ATT1-7**  
**Georgia Branch Creek Volumetric Discharge Calculations - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Measurement Point <sup>1</sup>	Distance Along Measured Cross Section	Measured Water Column Depth	Measured Creek Velocity
	(ft)	(ft)	(ft/s)
Bank	0	0	0
B	1	0.15	0.53
T	1	0	0.85
B	2	0.1	0.32
T	2	0	0.76
B	3	0.3	1.46
M	3	0.15	1.59
T	3	0	1.72
B	4	0.3	1.65
M	4	0.15	1.95
T	4	0	1.88
B	5	0.2	2.13
M	5	0.1	2.10
T	5	0	2.01
B	6	0.5	1.55
M	6	0.25	1.86
T	6	0	1.92
B	7	0.5	0.30
M	7	0.25	0.85
T	7	0	1.42
B	8	0.4	1.01
M	8	0.2	0.92
T	8	0	1.03
Bank	9	0	0

Cell ID	Cell Span Along Cross Section	Calculated Creek Cell Area <sup>2</sup>	Calculated Cell Velocity <sup>3</sup>	Calculated Discharge Through Creek Cell Area <sup>4</sup>
	(ft)	(ft <sup>2</sup> )	(ft/s)	(ft <sup>3</sup> /s)
A	0 to 1	0.08	0.35	0.026
B	1 to 2	0.13	0.62	0.077
C	2 to 3	0.20	1.1	0.21
D	3 to 4	0.30	1.8	0.53
E	4 to 5	0.25	2.0	0.51
F	5 to 6	0.35	2.0	0.69
G	6 to 7	0.50	1.4	0.68
H	7 to 8	0.45	0.89	0.40
I	8 to 9	0.20	0.46	0.092
<b>Total Volumetric Discharge (ft<sup>3</sup>/s)</b>				<b>3.2</b>
<b>(L/s)</b>				<b>91</b>
<b>MGD</b>				<b>2.1</b>

**Notes:**

- 1 - Measurement points located along stream transect at sampling location GBC-1 on July 1, 2025.
- 2 - For each Cell ID, Calculated Cell Area is calculated assuming a trapezoidal geometry based on Distances Along Measured Cross-Section and the Measured Water Column Depths.
- 3 - For each Cell ID, Calculated Cell Velocity is calculated as the average of the Measured Creek Velocity from each edge of the cell trapezoid, i.e., measurement points. For each measurement point, the mid-depth velocity, if available, is used preferentially in the Calculated Cell Velocity, otherwise the average of the velocities at the top and/or bottom measurements are used.
- 4 - For each Cell ID, Calculated Discharge Through Creek Cell Area is calculated as the product of Calculated Creek Cell Area and Calculated Cell Velocity.

**Abbreviations:**

B - bottom depth of water  
 ft - feet  
 ft/s - feet per second  
 ft<sup>2</sup> - square feet  
 ft<sup>3</sup>/s - cubic feet per second

L/s - liters per second  
 M - middle depth of water  
 MGD - millions of gallons per day  
 T - top depth of water (i.e., 0 ft)

**Table ATT1-8**  
**Flow Data for Outfall 002 - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

<b>Location ID</b>	<b>Date</b>	<b>Outfall 002 Flow (MGD)<sup>1</sup></b>	<b>Total Daily Volume (gal)<sup>1</sup></b>	<b>Hours of Sample Collection</b>	<b>Approximate Total Volume During 24 Hour Sample Collection (gal)<sup>2</sup></b>
Outfall 002	7-1-2025	10.83	10,829,000	13.7	6,181,500
	7-2-2025	18.52	18,520,000	10.3	7,948,259
	7/1/2025 10:18 AM to 7/2/2025 9:18 AM			24.0	14,129,759

**Notes:**

1 - Daily flow rates reported in facility Discharge Monitoring Reports.

2 - Approximate Total Volume During 24 Hour Sample Collection was calculated based on flow rates recorded on 7/1/2025 and 7/2/2025.

**Abbreviations:**

gal - gallons

MGD - millions of gallons per day

**Table ATT1-9**  
**Flow Data for Upstream River Water and Groundwater - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

<b>Location ID</b>	<b>Flow Gauging Location<sup>1</sup></b>	<b>Sample Collection Timepoint</b>	<b>Grab Sample Instantaneous Flow Rate (ft<sup>3</sup>/s)<sup>2</sup></b>
CFR-RM-76	William O. Huske Lock and Dam	2025-07-01 10:15	1,160

**Notes:**

1 - Flow rate recorded at USGS gauging station #02105500 located at William O. Huske Lock & Dam, North Carolina.

2 - Instantaneous flow rate for grab sample is the recorded flow rate at the time of grab sample collection.

**Abbreviations:**

ft<sup>3</sup>/s - cubic feet per second

USGS - United States Geological Survey

**Table ATT1-10**  
**Flow Data for Intake River Water at Facility - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

<b>Location ID</b>	<b>Date</b>	<b>Intake Flow River Water Total Daily Flow Average (gpm)<sup>1</sup></b>	<b>Total Daily Volume (gal)<sup>1</sup></b>	<b>Hours of Sample Collection</b>	<b>Approximate Total Volume During 24 Hour Sample Collection (gal)<sup>2</sup></b>
Intake River Water at Facility	7-1-2025	8,503	12,244,770	15.9	8,112,112
	7-2-2025	8,534	12,288,930	8.1	4,147,562
	7/1/2025 8:06 AM to 7/2/2025 7:06 AM			24.0	12,259,674

**Notes:**

1 - Daily flow rates provided by Chemours.

2 - Approximate Total Volume During 24 Hour Sample Collection was calculated based on flow rates recorded on 7/1/2025 and 7/2/2025.

**Abbreviations:**

gal - gallons

gpm - gallons per minute

Table ATT1-11

Seep and Surface Water Other PFAS Analytical Results - Q3 2025

Chemours Fayetteville Works, North Carolina

Location ID	CFR-BLADEN	CFR-KINGS	CFR-KINGS	CFR-MILE-76
Field Sample ID	CAP3Q25-CFR-BLADEN-070125	CAP3Q25-CFR-KINGS-070725	CAP3Q25-CFR-KINGS-070725-D	CAP3Q25-CFR-RM-76-070125
Sample Date	2025-07-01	2025-07-07	2025-07-07	2025-07-01
QA/QC			Field Duplicate	
Sample Delivery Group (SDG)	320-123125-1	320-123368-1	320-123368-1	320-123117-1
Lab Sample ID	320-123125-3	320-123368-1	320-123368-2	320-123117-1
<b>Other PFAS (ng/L)</b>				
PFBA	<5	5.2	5.2	<5
PFPeA	7.3	6.8	6.4	6.1
PFHxA	4.9	6	5.9	5.9
PFOA	6	6.3	6.1	6.2
PFNA	<2	<2	<2	<2
PFDA	<2	<2	<2	<2
PFUnA	<2	<2	<2	<2
PFDoA	<2	<2	<2	<2
PFTriA	<2	<2	<2	<2
PFTeA	<2	<2	<2	<2
PFHxDA	<2	<2	<2	<2
PFODA	<2	<2	<2	<2
PFBS	3.9	3.9	3.6	4
PFPeS	<2	<2	<2	<2
PFHxS	4.6	5.6	5.2	5.3
PFHpS	<2	<2	<2	<2
PFOS	11	12	11	11
PFNS	<2	<2	<2	<2
PFDS	<2	<2	<2	<2
PFDoS	<2	<2	<2	<2
PFOSA	<2	<2	<2	<2
NEtFOSA	<2	<2	<2	<2
NMeFOSA	<2	<2	<2	<2
NMeFOSAA	<5	<5	<5	<5
NEtFOSAA	<5	<5	<5	<5
NMeFOSE	<4	<4	<4	<4
NEtFOSE	<2	<2	<2	<2
4:2 FTS	<2	<2	<2	<2
6:2 FTS	<5	<5	<5	<5
8:2 FTS	<2	<2	<2	<2
10:2 FTS	<2	<2	<2	<2
DONA	<2	<2	<2	<2
F-53B Major	<2	<2	<2	<2
F-53B Minor	<2	<2	<2	<2

**Table ATT1-11**  
**Seep and Surface Water Other PFAS Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	CFR-TARHEEL	CFR-TARHEEL	GBC-1
Field Sample ID	CAP3Q25-CFR-TARHEEL-070225	CAP3Q25-CFR-TARHEEL-24-070225	CAP3Q25-GBC-1-070125
Sample Date	2025-07-02	2025-07-02	2025-07-01
QA/QC			
Sample Delivery Group (SDG)	320-123125-1	320-123432-1	320-123125-1
Lab Sample ID	320-123125-5	320-123432-1	320-123125-2
<b>Other PFAS (ng/L)</b>			
PFBA	<5	5.9	7
PFPeA	7.1	4.4	6.8
PFHxA	5.1	5.4	2
PFOA	6.1	6.9	3
PFNA	<2	<2	<2
PFDA	<2	<2	<2
PFUnA	<2	<2	<2
PFDoA	<2	<2	<2
PFTriA	<2	<2	<2
PFTeA	<2	<2	<2
PFHxDA	<2	<2	<2
PFODA	<2	<2	<2
PFBS	3.6	4.6	2.8
PFPeS	<2	<2	<2
PFHxS	4.5	6	<2
PFHpS	<2	<2	<2
PFOS	13	13	2
PFNS	<2	<2	<2
PFDS	<2	<2	<2
PFDoS	<2	<2	<2
PFOSA	<2	<2	<2
NEtFOSA	<2	<2	<2
NMeFOSA	<2	<2	<2
NMeFOSAA	<5	<5	<5
NEtFOSAA	<5	<5	<5
NMeFOSE	<4	<4	<4
NEtFOSE	<2	<2	<2
4:2 FTS	<2	<2	<2
6:2 FTS	<5	<5	<5
8:2 FTS	<2	<2	<2
10:2 FTS	<2	<2	<2
DONA	<2	<2	<2
F-53B Major	<2	<2	<2
F-53B Minor	<2	<2	<2

**Table ATT1-11**  
**Seep and Surface Water Other PFAS Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Location ID	LOCK-DAM NORTH	LOCK-DAM SEEP	OLDOF-2
Field Sample ID	CAP3Q25-LOCK-DAM-NORTH-070125	CAP3Q25-LOCK-DAM-SEEP-070125	CAP3Q25-OLDOF-2-24-070225
Sample Date	2025-07-01	2025-07-01	2025-07-02
QA/QC			
Sample Delivery Group (SDG)	320-123117-1	320-123117-1	320-123125-1
Lab Sample ID	320-123117-6	320-123117-7	320-123125-1
<b>Other PFAS (ng/L)</b>			
PFBA	<160	<160	<5
PFPeA	<b>84</b>	<b>200</b>	<b>5.9 J</b>
PFHxA	<73	<73	<2
PFOA	<63	<63	<2
PFNA	<63	<63	<2
PFDA	<63	<63	<2
PFUnA	<63	<63	<2
PFDoA	<69	<69	<2
PFTriA	<63	<63	<2
PFTeA	<91	<91	<2
PFHxDA	<63	<63	<2
PFODA	<120	<120	<2
PFBS	<63	<63	<2
PFPeS	<63	<63	<2
PFHxS	<71	<71	<2
PFHpS	<63	<63	<2
PFOS	<63	<b>67 J</b>	<2
PFNS	<63	<63	<2
PFDS	<63	<63	<2
PFDoS	<120	<120	<2
PFOSA	<120	<120	<2
NEtFOSA	<110	<110	<2
NMeFOSA	<63	<63	<2
NMeFOSAA	<160	<160	<5
NEtFOSAA	<160	<160	<5
NMeFOSE	<180	<180	<4
NEtFOSE	<110	<110	<2
4:2 FTS	<63	<63	<2
6:2 FTS	<160	<160	<5
8:2 FTS	<63	<63	<2
10:2 FTS	<84	<84	<2
DONA	<63	<63	<2
F-53B Major	<63	<63	<2
F-53B Minor	<86	<86	<2

Table ATT1-11

Seep and Surface Water Other PFAS Analytical Results - Q3 2025

Chemours Fayetteville Works, North Carolina

Location ID	OUTFALL 002	Intake at Facility	WC-1	EB
Field Sample ID	CAP3Q25-OUTFALL-002-24-070225	RIVER-WATER-INTAKE-24-070225	CAP3Q25-WC-1-24-070225	CAP3Q25-EQBLK-IS-070125
Sample Date	2025-07-02	2025-07-02	2025-07-02	2025-07-01
QA/QC				Equipment Blank
Sample Delivery Group (SDG)	320-123125-1	320-123117-1	320-123117-1	320-123125-1
Lab Sample ID	320-123125-4	320-123117-5	320-123117-2	320-123125-6
<b>Other PFAS (ng/L)</b>				
PFBA	<5	7.3	8.2	<5
PFPeA	6.8	6.6	11	<2
PFHxA	5.7	6.2	4.5	<2
PFOA	6.6	6.5	12	<2
PFNA	<2	<2	<2	<2
PFDA	<2	<2	<2	<2
PFUnA	<2	<2	<2	<2
PFDoA	<2	<2	<2	<2
PFTriA	<2	<2	<2	<2
PFTeA	<2	<2	<2	<2
PFHxDA	<2	<2	<2	<2
PFODA	<2	<2	<2	<2
PFBS	3.8	4.4	6	<2
PFPeS	<2	<2	<2	<2
PFHxS	4.8	5.5	<2	<2
PFHpS	<2	<2	<2	<2
PFOS	13	10	<2	<2
PFNS	<2	<2	<2	<2
PFDS	<2	<2	<2	<2
PFDoS	<2	<2	<2	<2
PFOSA	<2	<2	<2	<2
NEtFOSA	<2	<2	<2	<2
NMeFOSA	<2	<2	<2	<2
NMeFOSAA	<5	<5	<5	<5
NEtFOSAA	<5	<5	<5	<5
NMeFOSE	<4	<4	<4	<4
NEtFOSE	<2	<2	<2	<2
4:2 FTS	<2	<2	<2	<2
6:2 FTS	<5	<5	<5	<5
8:2 FTS	<2	<2	<2	<2
10:2 FTS	<2	<2	<2	<2
DONA	<2	<2	<2	<2
F-53B Major	<2	<2	<2	<2
F-53B Minor	<2	<2	<2	<2

**Table ATT1-11**  
**Seep and Surface Water Other PFAS Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

<b>Location ID</b>	<b>EB</b>
<b>Field Sample ID</b>	<b>CAP3Q25-EQBLK-PP-070125</b>
<b>Sample Date</b>	<b>2025-07-01</b>
<b>QA/QC</b>	<b>Equipment Blank</b>
<b>Sample Delivery Group (SDG)</b>	<b>320-123125-1</b>
<b>Lab Sample ID</b>	<b>320-123125-7</b>
<b>Other PFAS (ng/L)</b>	
PFBA	<5
PFPeA	<2
PFHxA	<2
PFOA	<2
PFNA	<2
PFDA	<2
PFUnA	<2
PFDoA	<2
PFTriA	<2
PFTeA	<2
PFHxDA	<2
PFODA	<2
PFBS	<2
PFPeS	<2
PFHxS	<2
PFHpS	<2
PFOS	<2
PFNS	<2
PFDS	<2
PFDoS	<2
PFOSA	<2
NEtFOSA	<2
NMeFOSA	<2
NMeFOSAA	<5
NEtFOSAA	<5
NMeFOSE	<4
NEtFOSE	<2
4:2 FTS	<2
6:2 FTS	<5
8:2 FTS	<2
10:2 FTS	<2
DONA	<2
F-53B Major	<2
F-53B Minor	<2

**Abbreviations:**

- Bold** - analyte detected above associated reporting limit
- - not measured / not applicable
- J - analyte detected; reported value may not be accurate or precise
- B - analyte detected in associated blank
- ng/L - nanograms per liter
- QA/QC - quality assurance/ quality control
- UJ - analyte not detected; reporting limit may not be accurate or precise
- < - analyte not detected above associated reporting limit

**Table ATT1-12**  
**Groundwater Other PFAS Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Water Bearing Unit	Black Creek Aquifer	Floodplain Deposits	Black Creek Aquifer	Floodplain Deposits
Location ID	BLADEN-1DR	LTW-01	LTW-02	LTW-03
Field Sample ID	CAP3Q25-BLADEN-1DR-071025	CAP3Q25-LTW-01-072425	CAP3Q25-LTW-02-071525	CAP3Q25-LTW-03-072425
Sample Date	2025-07-10	2025-07-24	2025-07-15	2025-07-24
QA/QC				
Sample Delivery Group (SDG)	320-123456-1	320-123927-1	320-123529-1	320-123927-1
Lab Sample ID	320-123456-2	320-123927-3	320-123529-2	320-123927-1
<b>Other PFAS (ng/L)</b>				
PFBA	<5	<160	<160	<160
PFPeA	3.8	210	400	600
PFHxA	<2	<73	<73	<73
PFOA	<2	110 J	<63	<63
PFNA	<2	<63	<63	<63
PFDA	<2	<63	<63	<63
PFUnA	<2	<63	<63	<63
PFDoA	<2	<69	<69	<69
PFTriA	<2	<63	<63	<63
PFTeA	<2	<91	<91	<91
PFHxDA	<2	<63	<63	<63
PFODA	<2	<120	<120	<120
PFBS	<2	<63	<63	<63
PFPeS	<2	<63	<63	<63
PFHxS	<2	<71	<71	<71
PFHpS	<2	<63	<63	<63
PFOS	<2	<63	<63	<63
PFNS	<2	<63	<63	<63
PFDS	<2	<63	<63	<63
PFDoS	<2	<120	<120	<120
PFOSA	<2	<120	<120	<120
NEtFOSA	<2	<110	<110	<110
NMeFOSA	<2	<63	<63	<63
NMeFOSAA	<5	<160	<160	<160
NEtFOSAA	<5	<160	<160	<160
NMeFOSE	<4	<180	<180	<180
NEtFOSE	<2	<110	<110	<110
4:2 FTS	<2	<63	<63	<63
6:2 FTS	<5	<160	<160	<160
8:2 FTS	<2	<63	<63	<63
10:2 FTS	<2	<84	<84	<84
DONA	<2	<63	<63	<63
F-53B Major	<2	<63	<63	<63
F-53B Minor	<2	<86	<86	<86

**Table ATT1-12**  
**Groundwater Other PFAS Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Water Bearing Unit	Floodplain Deposits	Black Creek Aquifer	Black Creek Aquifer	Black Creek Aquifer
Location ID	LTW-04	LTW-05	OW-28	OW-33
Field Sample ID	CAP3Q25-LTW-04-072525	CAP3Q25-LTW-05-072825	CAP3Q25-OW-28-071725	CAP3Q25-OW-33-071725
Sample Date	2025-07-25	2025-07-28	2025-07-17	2025-07-17
QA/QC				
Sample Delivery Group (SDG)	320-123901-1	320-123901-1	320-123663-1	320-123666-1
Lab Sample ID	320-123901-1	320-123901-4	320-123663-6	320-123666-4
<b>Other PFAS (ng/L)</b>				
PFBA	260	270	<160	<160
PFPeA	1,000	1,700	<63	150
PFHxA	<73	<73	<73	<73
PFOA	<63	<63	<63	<63
PFNA	<63	<63	<63	<63
PFDA	<63	<63	<63	<63
PFUnA	<63	<63	<63	<63
PFDoA	<69	<69	<69	<69
PFTriA	<63	<63	<63	<63
PFTeA	<91	<91	<91	<91
PFHxDA	<63	<63	<63	<63
PFODA	<120	<120	<120	<120
PFBS	<63	<63	<63	<63
PFPeS	<63	<63	<63	<63
PFHxS	<71	<71	<71	<71
PFHpS	<63	<63	<63	<63
PFOS	<63	<63	<63	<63
PFNS	<63	<63	<63	<63
PFDS	<63	<63	<63	<63
PFDoS	<120	<120	<120	<120
PFOSA	<120	<120	<120	<120
NEtFOSA	<110	<110	<110	<110
NMeFOSA	<63	<63	<63	<63
NMeFOSAA	<160	<160	<160	<160
NEtFOSAA	<160	<160	<160	<160
NMeFOSE	<180	<180	<180	<180
NEtFOSE	<110	<110	<110	<110
4:2 FTS	<63	<63	<63	<63
6:2 FTS	<160	<160	<160 UJ	<160 UJ
8:2 FTS	<63	<63	<63	<63
10:2 FTS	<84	<84	<84	<84
DONA	<63	<63	<63	<63
F-53B Major	<63	<63	<63	<63
F-53B Minor	<86	<86	<86	<86

**Table ATT1-12**  
**Groundwater Other PFAS Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Water Bearing Unit	Black Creek Aquifer	Floodplain Deposits	Black Creek Aquifer	Black Creek Aquifer
Location ID	PIW-1D	PIW-1S	PIW-3D	PIW-7D
Field Sample ID	CAP3Q25-PIW-1D-071025	CAP3Q25-PIW-1S-072125	CAP3Q25-PIW-3D-071525	CAP3Q25-PIW-7D-072825
Sample Date	2025-07-10	2025-07-21	2025-07-15	2025-07-28
QA/QC				
Sample Delivery Group (SDG)	320-123463-1	320-123669-1	320-123663-1	320-123901-1
Lab Sample ID	320-123463-4	320-123669-5	320-123663-1	320-123901-2
<b>Other PFAS (ng/L)</b>				
PFBA	<160	10	<160	240
PFPeA	120	15	250	1,400
PFHxA	<73	4.3	<73	<73
PFOA	<63	88	<63	<63
PFNA	<63	<2	<63	<63
PFDA	<63	<2	<63	<63
PFUnA	<63	<2	<63	<63
PFDoA	<69	<2	<69	<69
PFTriA	<63	<2	<63	<63
PFTeA	<91	<2	<91	<91
PFHxDA	<63	<2	<63	<63
PFODA	<120	<2	<120	<120
PFBS	<63	6.4	<63	<63
PFPeS	<63	<2	<63	<63
PFHxS	<71	12	<71	<71
PFHpS	<63	<2	<63	<63
PFOS	<63	9.2 J	<63	<63
PFNS	<63	<2	<63	<63
PFDS	<63	<2	<63	<63
PFDoS	<120	<2	<120	<120
PFOSA	<120	<2	<120	<120
NEtFOSA	<110	<2	<110	<110
NMeFOSA	<63	<2	<63	<63
NMeFOSAA	<160	<5	<160	<160
NEtFOSAA	<160	<5	<160	<160
NMeFOSE	<180	<4	<180	<180
NEtFOSE	<110	<2	<110	<110
4:2 FTS	<63	<2	<63	<63
6:2 FTS	<160	<5	<160	<160
8:2 FTS	<63	<2	<63	<63
10:2 FTS	<84	<2	<84	<84
DONA	<63	<2	<63	<63
F-53B Major	<63	<2	<63	<63
F-53B Minor	<86	<2	<86	<86

**Table ATT1-12**  
**Groundwater Other PFAS Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Water Bearing Unit	Floodplain Deposits	Surficial Zone	Surficial Zone	Surficial Zone
Location ID	PIW-7S	PW-04	PW-06	PW-07
Field Sample ID	CAP3Q25-PIW-7S-071725	CAP3Q25-PW-04-071725	CAP3Q25-PW-06-071825	CAP3Q25-PW-07-071625
Sample Date	2025-07-17	2025-07-17	2025-07-18	2025-07-16
QA/QC				
Sample Delivery Group (SDG)	320-123666-1	320-123663-1	320-123666-1	320-123663-1
Lab Sample ID	320-123666-2	320-123663-8	320-123666-7	320-123663-2
<b>Other PFAS (ng/L)</b>				
PFBA	<160	11	13	13
PFPeA	430	12	16	8.1
PFHxA	<73	<2	3.3	<2
PFOA	87 J	<2	15	5.7
PFNA	<63	<2	<2	<2
PFDA	<63	<2	<2	<2
PFUnA	<63	<2	<2	<2
PFDoA	<69	<2	<2	<2
PFTriA	<63	<2	<2	<2
PFTeA	<91	<2	<2	<2
PFHxDA	<63	<2	<2	<2
PFODA	<120	<2	<2	<2
PFBS	<63	<2	<2	<2
PFPeS	<63	<2	<2	<2
PFHxS	<71	<2	<2	<2
PFHpS	<63	<2	<2	<2
PFOS	<63	<2	<2	<2
PFNS	<63	<2	<2	<2
PFDS	<63	<2	<2	<2
PFDoS	<120	<2	<2	<2
PFOSA	<120	<2	<2	<2
NEtFOSA	<110	<2	<2	<2
NMeFOSA	<63	<2	<2	<2
NMeFOSAA	<160	<5	<5	<5
NEtFOSAA	<160	<5	<5	<5
NMeFOSE	<180	<4	<4	<4
NEtFOSE	<110	<2	<2	<2
4:2 FTS	<63	<2	<2	<2
6:2 FTS	<160 UJ	<5	<5	<5
8:2 FTS	<63	<2	<2	<2
10:2 FTS	<84	<2	<2	<2
DONA	<63	<2	<2	<2
F-53B Major	<63	<2	<2	<2
F-53B Minor	<86	<2	<2	<2

**Table ATT1-12**  
**Groundwater Other PFAS Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Water Bearing Unit	Black Creek Aquifer	Black Creek Aquifer	Black Creek Aquifer	Surficial Zone
Location ID	PW-09	PW-09	PZ-22	SMW-10
Field Sample ID	CAP3Q25-PW-09-070925	CAP3Q25-PW-09-070925-Z	CAP3Q25-PZ-22-072925	CAP3Q25-SMW-10-071125
Sample Date	2025-07-09	2025-07-09	2025-07-29	2025-07-11
QA/QC	Unfiltered	Filtered		
Sample Delivery Group (SDG)	320-123356-1	320-123356-1	320-123897-1	320-123463-1
Lab Sample ID	320-123356-2	320-123356-3	320-123897-7	320-123463-3
<b>Other PFAS (ng/L)</b>				
PFBA	<5	<5	<160	<5
PFPeA	<2	<2	960	2
PFHxA	<2	<2	<73	<2
PFOA	<2	<2	<63	<2
PFNA	<2	<2	<63	<2
PFDA	<2	<2	<63	<2
PFUnA	<2	<2	<63	<2
PFDoA	<2	<2	<69	<2
PFTriA	<2	<2	<63	<2
PFTeA	<2	<2	<91	<2
PFHxDA	<2	<2	<63	<2
PFODA	<2	<2	<120	<2
PFBS	<2	<2	<63	<2
PFPeS	<2	<2	<63	<2
PFHxS	<2	<2	<71	<2
PFHpS	<2	<2	<63	<2
PFOS	<2	<2	<63	<2
PFNS	<2	<2	<63	<2
PFDS	<2	<2	<63	<2
PFDoS	<2	<2	<120	<2
PFOSA	<2	<2	<120	<2
NEtFOSA	<2	<2	<110	<2
NMeFOSA	<2	<2	<63	<2
NMeFOSAA	<5	<5	<160	<5
NEtFOSAA	<5	<5	<160	<5
NMeFOSE	<4	<4	<180	<4
NEtFOSE	<2	<2	<110	<2
4:2 FTS	<2	<2	<63	<2
6:2 FTS	<5	<5	<160	<5
8:2 FTS	<2	<2	<63	<2
10:2 FTS	<2	<2	<84	<2
DONA	<2	<2	<63	<2
F-53B Major	<2	<2	<63	<2
F-53B Minor	<2	<2	<86	<2

**Table ATT1-12**  
**Groundwater Other PFAS Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Water Bearing Unit	Surficial Zone	Black Creek Aquifer	NA	NA
Location ID	SMW-11	SMW-12	EB	EB
Field Sample ID	CAP3Q25-SMW-11-071025	CAP3Q25-SMW-12-071725	CAP3Q25-EQBLK-DV-071025	CAP3Q25-EQBLK-PP-071025
Sample Date	2025-07-10	2025-07-17	2025-07-10	2025-07-10
QA/QC			Equipment Blank	Equipment Blank
Sample Delivery Group (SDG)	320-123463-1	320-123663-1	320-123358-1	320-123358-1
Lab Sample ID	320-123463-5	320-123663-5	320-123358-6	320-123358-5
<b>Other PFAS (ng/L)</b>				
PFBA	<160	<160	<5	<5
PFPeA	86	98	<2	<2
PFHxA	<73	<73	<2	<2
PFOA	650	<63	<2	<2
PFNA	<63	<63	<2	<2
PFDA	<63	<63	<2	<2
PFUnA	<63	<63	<2	<2
PFDoA	<69	<69	<2	<2
PFTriA	<63	<63	<2	<2
PFTeA	<91	<91	<2	<2
PFHxDA	<63	<63	<2	<2
PFODA	<120	<120	<2	<2
PFBS	<63	<63	<2	<2
PFPeS	<63	<63	<2	<2
PFHxS	<71	<71	<2	<2
PFHpS	<63	<63	<2	<2
PFOS	<63	<63	<2	<2
PFNS	<63	<63	<2	<2
PFDS	<63	<63	<2	<2
PFDoS	<120	<120	<2	<2
PFOSA	<120	<120	<2	<2
NEtFOSA	<110	<110	<2	<2
NMeFOSA	<63	<63	<2	<2
NMeFOSAA	<160	<160	<5	<5
NEtFOSAA	<160	<160	<5	<5
NMeFOSE	<180	<180	<4	<4
NEtFOSE	<110	<110	<2	<2
4:2 FTS	<63	<63	<2	<2
6:2 FTS	<160	<160 UJ	<5	<5
8:2 FTS	<63	<63	<2	<2
10:2 FTS	<84	<84	<2	<2
DONA	<63	<63	<2	<2
F-53B Major	<63	<63	<2	<2
F-53B Minor	<86	<86	<2	<2

**Table ATT1-12**  
**Groundwater Other PFAS Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Water Bearing Unit	NA	NA	NA
Location ID	EB	EB	EB
Field Sample ID	CAP3Q25-EQBLK-DV-071425-Z	CAP3Q25-EQBLK-PP-071425-Z	CAP3Q25-BAILER-071625
Sample Date	2025-07-14	2025-07-14	2025-07-16
QA/QC	Equipment Blank	Equipment Blank	Equipment Blank
Sample Delivery Group (SDG)	320-123433-1	320-123433-1	320-123542-1
Lab Sample ID	320-123433-1	320-123433-2	320-123542-3
<b>Other PFAS (ng/L)</b>			
PFBA	<5	<5	<5
PFPeA	<2	<2	<2
PFHxA	<2	<2	<2
PFOA	<2	<2	<2
PFNA	<2	<2	<2
PFDA	<2	<2	<2
PFUnA	<2	<2	<2
PFDoA	<2	<2	<2
PFTriA	<2	<2	<2
PFTeA	<2	<2	<2
PFHxDA	<2	<2	<2
PFODA	<2	<2	<2
PFBS	<2	<2	<2
PFPeS	<2	<2	<2
PFHxS	<2	<2	<2
PFHpS	<2	<2	<2
PFOS	<2	<2	<2
PFNS	<2	<2	<2
PFDS	<2	<2	<2
PFDoS	<2	<2	<2
PFOSA	<2	<2	<2
NEtFOSA	<2	<2	<2
NMeFOSA	<2	<2	<2
NMeFOSAA	<5	<5	<5
NEtFOSAA	<5	<5	<5
NMeFOSE	<4	<4	<4
NEtFOSE	<2	<2	<2
4:2 FTS	<2	<2	<2
6:2 FTS	<5	<5	<5
8:2 FTS	<2	<2	<2
10:2 FTS	<2	<2	<2
DONA	<2	<2	<2
F-53B Major	<2	<2	<2
F-53B Minor	<2	<2	<2

**Table ATT1-12**  
**Groundwater Other PFAS Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Water Bearing Unit	NA	NA	NA
Location ID	EB	EB	EB
Field Sample ID	CAP3Q25-EQBLK-PP-072225	CAP3Q25-EQBLK-PP-072425	CAP3Q25-EQBLK-DV-073025
Sample Date	2025-07-22	2025-07-24	2025-07-30
QA/QC	Equipment Blank	Equipment Blank	Equipment Blank
Sample Delivery Group (SDG)	320-123669-1	320-123750-1	320-123897-1
Lab Sample ID	320-123669-6	320-123750-4	320-123897-8
<b>Other PFAS (ng/L)</b>			
PFBA	<5	<5	<5
PFPeA	<2	<2	<2
PFHxA	<2	<2	<2
PFOA	<2	<2	<2
PFNA	<2	<2	<2
PFDA	<2	<2	<2
PFOA	<2	<2	<2
PFTriA	<2	<2	<2
PFTeA	<2	<2	<2
PFHxDA	<2	<2	<2
PFODA	<2	<2	<2
PFBS	<2	<2	<2
PFPeS	<2	<2	<2
PFHxS	<2	<2	<2
PFHpS	<2	<2	<2
PFOS	<2	<2	<2
PFNS	<2	<2	<2
PFDS	<2	<2	<2
PFDoS	<2	<2	<2
PFOSA	<2	<2	<2
NEtFOSA	<2	<2	<2
NMeFOSA	<2	<2	<2
NMeFOSAA	<5	<5	<5
NEtFOSAA	<5	<5	<5
NMeFOSE	<4	<4	<4
NEtFOSE	<2	<2	<2
4:2 FTS	<2	<2	<2
6:2 FTS	<5	<5	<5
8:2 FTS	<2	<2	<2
10:2 FTS	<2	<2	<2
DONA	<2	<2	<2
F-53B Major	<2	<2	<2
F-53B Minor	<2	<2	<2

**Table ATT1-12**  
**Groundwater Other PFAS Analytical Results - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

<b>Water Bearing Unit</b>	<b>NA</b>
<b>Location ID</b>	<b>EB</b>
<b>Field Sample ID</b>	<b>CAP3Q25-EQBLK-PP-080425</b>
<b>Sample Date</b>	<b>2025-08-04</b>
<b>QA/QC</b>	<b>Equipment Blank</b>
<b>Sample Delivery Group (SDG)</b>	<b>320-124057-1</b>
<b>Lab Sample ID</b>	<b>320-124057-6</b>
<b>Other PFAS (ng/L)</b>	
PFBA	<5
PFPeA	<2
PFHxA	<2
PFOA	<2
PFNA	<2
PFDA	<2
PFUnA	<2
PFDoA	<2
PFTriA	<2
PFTeA	<2
PFHxDA	<2
PFODA	<2
PFBS	<2
PFPeS	<2
PFHxS	<2
PFHpS	<2
PFOS	<2
PFNS	<2
PFDS	<2
PFDoS	<2
PFOSA	<2
NEtFOSA	<2
NMeFOSA	<2
NMeFOSAA	<5
NEtFOSAA	<5
NMeFOSE	<4
NEtFOSE	<2
4:2 FTS	<2
6:2 FTS	<5
8:2 FTS	<2
10:2 FTS	<2
DONA	<2
F-53B Major	<2
F-53B Minor	<2

**Abbreviations:**

**Bold** - analyte detected above associated reporting limit.  
 -- - not measured / not applicable  
 J - analyte detected; reported value may not be accurate or precise.  
 B - analyte detected in associated blank  
 NA - not applicable  
 ng/L - nanograms per liter  
 QA/QC - quality assurance/ quality control  
 UJ - analyte not detected; reporting limit may not be accurate or precise  
 Z - "Z" in Sample ID denotes a field filtered sample  
 < - analyte not detected above associated reporting limit

**Table ATT1-13**  
**Table 3+ PFAS Mass Discharge by Pathway to Cape Fear River - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Pathway Number	1	2	3
Pathway Name	Upstream River Water and Groundwater <sup>5</sup>	Willis Creek	Aerial Deposition on Water Features
Flow (MG)	789	2.6	--
Field Sample ID	CAP3Q25-CFR-RM-76-070125	CAP3Q25-WC-1-24-070225	--
Sample Date	7/1/25	7/2/25	--
Sample Time	10:15 AM	7:00 AM	--
Sample Type	Grab	Composite	--
<b>Table 3+ (mg/s)<sup>1</sup></b>			
HFPO-DA	0.00E+00	4.93E-02	1.13E-03
PFMOAA	0.00E+00	1.68E-01	3.61E-04
PFO2HxA	8.29E-02	6.16E-02	8.14E-04
PFO3OA	0.00E+00	1.23E-02	8.01E-05
PFO4DA	0.00E+00	1.90E-03	1.20E-05
PFO5DA	0.00E+00	0.00E+00	1.60E-06
PMPA	1.76E-01	5.83E-02	2.35E-03
PEPA	0.00E+00	1.34E-02	8.58E-04
PS Acid	0.00E+00	0.00E+00	0.00E+00
Hydro-PS Acid	0.00E+00	1.68E-03	4.87E-05
R-PSDA	3.80E-01	1.90E-02	3.12E-04
Hydrolyzed PSDA	0.00E+00	4.59E-02	0.00E+00
R-PSDCA	0.00E+00	0.00E+00	0.00E+00
NVHOS	0.00E+00	2.13E-03	1.15E-05
EVE Acid	0.00E+00	0.00E+00	0.00E+00
Hydro-EVE Acid	0.00E+00	7.95E-04	1.56E-06
R-EVE	0.00E+00	8.51E-03	1.16E-04
PFECA B	0.00E+00	0.00E+00	0.00E+00
PES	0.00E+00	0.00E+00	0.00E+00
PFECA-G	0.00E+00	0.00E+00	0.00E+00
PFPrA	7.26E-01	9.52E-02	1.69E-03
<b>Total Attachment C<sup>4</sup></b>	0.26	0.37	0.0057
<b>Total Table3+ (17 compounds)<sup>5</sup></b>	0.26	0.37	0.0057
<b>Total Table3+ (18 compounds)<sup>6</sup></b>	0.97	0.46	0.0075
<b>Total Table3+ (21 compounds)</b>	1.4	0.54	0.0079

**Table ATT1-13**  
**Table 3+ PFAS Mass Discharge by Pathway to Cape Fear River - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Pathway Number	4	4A	5	6A
Pathway Name	Outfall 002 <sup>2</sup>	Stormwater Treatment System <sup>3</sup>	Onsite Groundwater	Seep A
Flow (MG)	14	0.21	--	--
Field Sample ID	CAP3Q25-OUTFALL-002-24-070225	Effluent	--	--
Sample Date	7/2/25	7/1/25	--	--
Sample Time	8:24 AM	3:30 PM	--	--
Sample Type	Composite	7 hr Composite	--	No Flow
<b>Table 3+ (mg/s)<sup>1</sup></b>				
HFPO-DA	1.11E-02	0.00E+00	6.81E-03	0.00E+00
PFMOAA	1.49E-03	0.00E+00	2.50E-02	0.00E+00
PFO2HxA	7.43E-04	0.00E+00	1.09E-02	0.00E+00
PFO3OA	0.00E+00	0.00E+00	1.94E-03	0.00E+00
PFO4DA	1.80E-03	0.00E+00	3.30E-04	0.00E+00
PFO5DA	0.00E+00	0.00E+00	1.16E-05	0.00E+00
PMPA	2.79E-03	0.00E+00	5.30E-03	0.00E+00
PEPA	1.73E-03	0.00E+00	1.51E-03	0.00E+00
PS Acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydro-PS Acid	1.55E-03	0.00E+00	7.80E-05	0.00E+00
R-PSDA	1.86E-03	0.00E+00	3.66E-04	0.00E+00
Hydrolyzed PSDA	8.47E-02	0.00E+00	7.10E-04	0.00E+00
R-PSDCA	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NVHOS	0.00E+00	0.00E+00	2.39E-04	0.00E+00
EVE Acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydro-EVE Acid	0.00E+00	0.00E+00	4.96E-05	0.00E+00
R-EVE	4.33E-04	0.00E+00	2.40E-04	0.00E+00
PFECA B	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PES	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PFECA-G	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PFPrA	0.00E+00	0.00E+00	1.37E-02	0.00E+00
<b>Total Attachment C<sup>4</sup></b>	0.021	0.000	0.052	0.000
<b>Total Table3+ (17 compounds)<sup>5</sup></b>	0.021	0.000	0.052	0.000
<b>Total Table3+ (18 compounds)<sup>6</sup></b>	0.021	0.000	0.066	0.000
<b>Total Table3+ (21 compounds)</b>	0.11	0.000	0.067	0.000

**Table ATT1-13**  
**Table 3+ PFAS Mass Discharge by Pathway to Cape Fear River - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Pathway Number	6B	6C	6D	6E
Pathway Name	Seep B	Seep C	Seep D	Lock and Dam Seep
Flow (MG)	--	--	--	0.0025
Field Sample ID	--	--	--	CAP3Q25-LOCK-DAM-SEEP-070125
Sample Date	--	--	--	7/1/25
Sample Time	--	--	--	10:45 AM
Sample Type	No Flow	No Flow	No Flow	Grab
<b>Table 3+ (mg/s)<sup>1</sup></b>				
HFPO-DA	0.00E+00	0.00E+00	0.00E+00	8.25E-04
PFMOAA	0.00E+00	0.00E+00	0.00E+00	2.97E-03
PFO2HxA	0.00E+00	0.00E+00	0.00E+00	1.21E-03
PFO3OA	0.00E+00	0.00E+00	0.00E+00	8.36E-04
PFO4DA	0.00E+00	0.00E+00	0.00E+00	2.75E-04
PFO5DA	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PMPA	0.00E+00	0.00E+00	0.00E+00	3.85E-04
PEPA	0.00E+00	0.00E+00	0.00E+00	1.43E-04
PS Acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydro-PS Acid	0.00E+00	0.00E+00	0.00E+00	2.64E-05
R-PSDA	0.00E+00	0.00E+00	0.00E+00	5.28E-05
Hydrolyzed PSDA	0.00E+00	0.00E+00	0.00E+00	5.06E-05
R-PSDCA	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NVHOS	0.00E+00	0.00E+00	0.00E+00	5.17E-05
EVE Acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydro-EVE Acid	0.00E+00	0.00E+00	0.00E+00	2.42E-05
R-EVE	0.00E+00	0.00E+00	0.00E+00	1.65E-05
PFECA B	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PES	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PFECA-G	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PFPrA	0.00E+00	0.00E+00	0.00E+00	1.21E-03
<b>Total Attachment C<sup>4</sup></b>	0.000	0.000	0.000	0.0067
<b>Total Table3+ (17 compounds)<sup>5</sup></b>	0.000	0.000	0.000	0.0067
<b>Total Table3+ (18 compounds)<sup>6</sup></b>	0.000	0.000	0.000	0.0079
<b>Total Table3+ (21 compounds)</b>	0.000	0.000	0.000	0.0080

**Table ATT1-13**  
**Table 3+ PFAS Mass Discharge by Pathway to Cape Fear River - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Pathway Number	6F	7	8	9
Pathway Name	Lock and Dam Seep North	Outfall 003 Stream	Offsite Adjacent and Downstream Groundwater	Georgia Branch Creek
Flow (MG)	0.00085	0.49	--	2.2
Field Sample ID	CAP3Q25-LOCK-DAM-NORTH-070125	CAP3Q25-OLDOF-2-24-070225	--	CAP3Q25-GBC-1-070125
Sample Date	7/2/25	7/2/25	--	7/1/25
Sample Time	10:15 AM	9:18 AM	--	1:15 PM
Sample Type	Grab	Composite	--	Grab
<b>Table 3+ (mg/s)<sup>1</sup></b>				
HFPO-DA	1.05E-04	4.97E-03	0.00E+00	2.70E-02
PFMOAA	1.34E-04	1.45E-02	0.00E+00	3.28E-03
PFO2HxA	8.59E-05	5.18E-03	3.13E-02	1.83E-02
PFO3OA	1.79E-05	2.59E-03	0.00E+00	2.89E-03
PFO4DA	3.73E-06	1.06E-03	0.00E+00	9.16E-04
PFO5DA	0.00E+00	4.32E-04	0.00E+00	2.12E-04
PMPA	7.84E-05	3.46E-03	6.64E-02	4.82E-02
PEPA	2.65E-05	1.34E-03	0.00E+00	1.25E-02
PS Acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydro-PS Acid	0.00E+00	3.24E-04	0.00E+00	3.38E-03
R-PSDA	5.23E-06	3.02E-04	1.43E-01	5.21E-03
Hydrolyzed PSDA	0.00E+00	4.97E-04	0.00E+00	0.00E+00
R-PSDCA	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NVHOS	0.00E+00	2.59E-04	0.00E+00	0.00E+00
EVE Acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydro-EVE Acid	0.00E+00	1.51E-04	0.00E+00	0.00E+00
R-EVE	3.17E-06	1.23E-04	0.00E+00	2.03E-03
PFECA B	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PES	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PFECA-G	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PFPrA	1.34E-04	7.34E-02	2.73E-01	4.34E-02
<b>Total Attachment C<sup>4</sup></b>	0.00045	0.035	0.098	0.12
<b>Total Table3+ (17 compounds)<sup>5</sup></b>	0.00045	0.035	0.098	0.12
<b>Total Table3+ (18 compounds)<sup>6</sup></b>	0.00060	0.11	0.36	0.16
<b>Total Table3+ (21 compounds)</b>	0.00060	0.11	0.52	0.16

**Table ATT1-13**  
**Table 3+ PFAS Mass Discharge by Pathway to Cape Fear River - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Pathway Number	Sum of All Pathways
Pathway Name	
Flow (MG)	
Field Sample ID	
Sample Date	
Sample Time	
Sample Type	
<b>Table 3+ (mg/s) <sup>1</sup></b>	
HFPO-DA	1.01E-01
PFMOAA	2.16E-01
PFO2HxA	2.13E-01
PFO3OA	2.07E-02
PFO4DA	6.30E-03
PFO5DA	6.57E-04
PMPA	3.64E-01
PEPA	3.16E-02
PS Acid	0.00E+00
Hydro-PS Acid	7.08E-03
R-PSDA	5.51E-01
Hydrolyzed PSDA	1.32E-01
R-PSDCA	0.00E+00
NVHOS	2.69E-03
EVE Acid	0.00E+00
Hydro-EVE Acid	1.02E-03
R-EVE	1.15E-02
PFECA B	0.00E+00
PES	0.00E+00
PFECA-G	0.00E+00
PFPPrA	1.23E+00
<b>Total Attachment C<sup>4</sup></b>	0.96
<b>Total Table3+ (17 compounds)<sup>5</sup></b>	0.96
<b>Total Table3+ (18 compounds)<sup>6</sup></b>	2.2
<b>Total Table3+ (21 compounds)</b>	2.9

**Notes:**

- 1 - Pathways with no flow during the sampling event, or samples with non-detect concentration results are assigned a value of zero for mass discharge (milligrams per second; mg/s).
- 2 - Total Table 3+ concentrations at the Intake River Water at the Facility are subtracted from Outfall 002 concentrations to compute the mass discharge at Outfall 002.
- 3 - The stormwater treatment system treats PFAS originating from Stormwater in the Monomers/IXM area that would otherwise flow to Outfall 002 during storm events. During the July 2025 sampling event the effluent of the system was non-detect so there was no mass loading calculated for this location.
- 4 - Total Attachment C does not include Perfluoroheptanoic acid (PFHpA).
- 5 - Total Table 3+ (17 compounds) does not include Perfluoroheptanoic acid (PFHpA), R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPPrA.
- 6 - Total Table 3+ (18 compounds) does not include Perfluoroheptanoic acid (PFHpA), R-PSDA, Hydrolyzed PSDA, and R-EVE.

**Abbreviations:**

- - not applicable
- MG - million gallons
- mg/s - milligrams per second

**Table ATT1-14**  
**Onsite Groundwater Pathway Mass Discharge Calculation - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Segment	Primary Well	Sample Date	Segment Length (ft)	Cross-sectional Area of Black Creek Aquifer <sup>1</sup> (ft <sup>2</sup> )	Average Thickness of Black Creek Aquifer (ft)	Secondary Paired Well <sup>2</sup>	Primary Well ID GW Elevation	Secondary Well ID GW Elevation	Report Difference in Hydraulic Head <sup>3,4</sup> (ft)	Difference in Distance (ft)	Hydraulic Gradient <sup>4</sup> (ft/ft)	Hydraulic Conductivity <sup>5</sup> (ft/sec)
1	PIW-1D	7-10-2025	1,150	13,400	11.7	OW-14	32.25	33.22	-0.97	305	0.0032	1.71E-04
2	PIW-3D	7-15-2025	873	11,010	12.6	OW-44	35.2	35.68	-0.48	352	0.0014	1.71E-04
3	LTW-02	7-15-2025	875	5,560	6.4	OW-45	39.63	39.85	-0.22	400	0.0006	1.02E-04
4	LTW-03	7-24-2025	729	2,800	3.8	OW-46	37.62	39.35	-1.73	510	0.0034	1.02E-04
5	PZ-22	7-29-2025	656	15,200	23.2	OW-22	39.15	39.43	-0.28	370	0.0008	3.28E-04
6	PIW-7D	7-28-2025	524	16,000	30.5	OW-48	39.13	38.91	0.22	332	0	3.28E-04
7	LTW-05	7-28-2025	672	11,800	17.6	OW-25	38.19	38.51	-0.32	398	0.0008	1.28E-04
8	OW-28	7-17-2025	594	15,500	26.1	OW-27	39.16	39.4	-0.24	217	0.0011	2.59E-04
9	OW-33	7-17-2025	1607	46,300	28.8	OW-30	39.56	39.24	0.32	298	0	2.59E-04

Segment	Primary Well	Sample Date	Total Attachment C <sup>6</sup>		Total Table 3+		Total Table 3+		Total Table 3+	
			Concentration <sup>9</sup> (ng/L)	Mass Loading (mg/s)	Concentration <sup>9</sup> (ng/L)	Mass Loading (mg/s)	Concentration <sup>9</sup> (ng/L)	Mass Loading (mg/s)	Concentration <sup>9</sup> (ng/L)	Mass Loading (mg/s)
1	PIW-1D	7-10-2025	36,000	0.0074	36,000	0.0074	44,000	0.0091	45,000	0.0093
2	PIW-3D	7-15-2025	110,000	0.0080	110,000	0.0080	130,000	0.0095	130,000	0.0095
3	LTW-02	7-15-2025	100,000	0.0009	100,000	0.0009	130,000	0.0011	130,000	0.0011
4	LTW-03	7-24-2025	180,000	0.0049	180,000	0.0049	230,000	0.0063	240,000	0.0066
5	PZ-22	7-29-2025	200,000	0.0213	200,000	0.0213	260,000	0.0277	270,000	0.0288
6	PIW-7D	7-28-2025	190,000	0	200,000	0	260,000	0	260,000	0
7	LTW-05	7-28-2025	210,000	0.0072	220,000	0.0076	290,000	0.0100	290,000	0.0100
8	OW-28	7-17-2025	14,000	0.0018	14,000	0.0018	17,000	0.0021	18,000	0.0023
9	OW-33	7-17-2025	26,000	0	26,000	0	32,000	0	33,000	0
<b>Total</b>			<b>--</b>	<b>0.0516</b>	<b>--</b>	<b>0.0519</b>	<b>--</b>	<b>0.0658</b>	<b>--</b>	<b>0.0675</b>

**Notes:**

- 1 - Cross-sectional areas were previously calculated and documented in Figure ATT3-2 of Geosyntec, 2025a.
- 2 - Secondary paired well is east of the Barrier Wall remedy and west of the primary well.
- 3 - Groundwater elevation difference for hydraulic gradient based on water levels measured on June 24, 2025 and reported in Geosyntec, 2025b.
- 4 - When the secondary well has a higher water level, indicating a river to remedy gradient, a gradient value of zero is assigned to avoid a potential low bias.
- 5 - Hydraulic conductivity values are based on constant rate pumping test results from extraction wells described in Attachment ATT3 of Geosyntec, 2025a.
- 6 - Attachment C does not include Perfluoroheptanoic acid (PFHpA).
- 7 - Total Table 3+ (17 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
- 8 - Total Table 3+ (18 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, and R-EVE.
- 9 - Individual PFAS Concentrations provided in Table A6.

**Abbreviations:**

- - not applicable
- ft - feet
- ft/ft - feet per foot (dimensionless slope)
- ft/sec - feet per second
- ft<sup>2</sup> - square feet
- mg/s - milligrams per second
- ng/L - nanograms per liter

**References:**

- Geosyntec. (2025a). Cape Fear River PFAS Mass Loading Assessment – Second Quarter 2025. Chemours Fayetteville Works. September 2025.
- Geosyntec. (2025b). CFR Long-Term Remedy Performance Monitoring Report #10 (Q2 2025). Chemours Fayetteville Works. September 2025.

# Appendix B: Supplemental Tables

**Table B1**  
**Outfall 003 Captured Mass Load by Compound and Time Interval - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Interval Details					Calculated Captured Mass Load (lbs) <sup>1</sup>																				
Interval ID	Start Date and Time	End Date and Time	Duration (hours)	Total Flow (MG)	HFPO-DA	PFMOAA	PF02HxA	PF030A	PF04DA	PF05DA	PMPA	PEPA	PS Acid	Hydro-PS Acid	R-PSDA	Hydrolyzed PSDA	R-PSDCA	NVHOS	EVE Acid	Hydro-EVE Acid	R-EVE	PES	PFECA B	PFECA-G	Total Table 3+ (17 compounds) <sup>2</sup>
OF003_2025_Q3_1	7/1/25 0:00	7/31/25 23:59	744	13	0.42	1.2	0.49	0.12	0.076	0.040	0.27	0.096	0	0.028	0.030	0.038	0	0.022	0	0.011	0.017	0	0	0	2.8
OF003_2025_Q3_2	8/1/25 0:00	8/31/25 23:59	744	12	0.37	1.0	0.45	0.13	0.076	0.041	0.22	0.091	0	0.020	0.023	0.026	0	0.025	0	0.0094	0.011	0	0	0	2.4
OF003_2025_Q3_3	9/1/25 0:00	9/30/25 23:59	720	11	0.41	0.96	0.41	0.12	0.066	0.046	0.19	0.077	0	0.023	0.020	0.028	0	0.011	0	0.0095	0.0093	0	0	0	2.3
<b>Total</b>				<b>37</b>	<b>1.2</b>	<b>3.2</b>	<b>1.4</b>	<b>0.38</b>	<b>0.22</b>	<b>0.13</b>	<b>0.68</b>	<b>0.26</b>	<b>0.0</b>	<b>0.071</b>	<b>0.073</b>	<b>0.091</b>	<b>0.0</b>	<b>0.058</b>	<b>0.0</b>	<b>0.030</b>	<b>0.037</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>7.5</b>

**Notes:**

- 1 - The calculated captured mass load is a product of the concentration difference in the influent and the effluent samples and total flow at the influent for the sampling interval.
- 2 - Total Table 3+ (17 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA. Where mass loads are equal to 0 lbs, the compound was not detected above the reporting limit.

**Abbreviations:**

OF003 - previously Old Outfall 002 treatment system  
 lbs - pounds  
 MG - million gallons

**Table B2**  
**Stormwater Treatment System Captured Mass Load**  
**by Compound And Date - Q3 2025**  
 Chemours Fayetteville Works, North Carolina

Date <sup>1</sup>	Total Flow (MG) <sup>[2]</sup>	Calculated Captured Mass Load (lbs) <sup>3,4</sup>			
		HFPO-DA	PFMOAA	PMPA	Total of 3 Compounds <sup>5</sup>
7/01/25	0.21	0.092	0.003	0.002	0.097
7/02/25	0.31	0.132	0.004	0.003	0.140
7/03/25	0.27	0.117	0.004	0.003	0.123
7/07/25	0.22	0.050	0.002	0.003	0.055
7/08/25	0.31	0.069	0.003	0.004	0.076
7/09/25	0.32	0.066	0.003	0.003	0.072
7/10/25	0.21	0.043	0.002	0.002	0.047
7/16/25	0.17	0.005	0.000	0.001	0.006
7/17/25	0.04	0.001	0.000	0.000	0.001
7/28/25	0.21	0.051	0.003	0.002	0.055
7/29/25	0.28	0.067	0.003	0.003	0.073
8/01/25	0.11	0.023	0.001	0.001	0.025
8/04/25	0.04	0.009	0.001	0.000	0.010
8/05/25	0.22	0.049	0.003	0.003	0.055
8/12/25	0.20	0.051	0.002	0.003	0.056
8/13/25	0.34	0.085	0.004	0.004	0.093
8/14/25	0.25	0.062	0.003	0.003	0.068
9/08/25	0.16	0.030	0.012	0.002	0.043
9/09/25	0.22	0.042	0.017	0.002	0.061
9/10/25	0.19	0.036	0.015	0.002	0.053
9/30/25	0.23	0.066	0.005	0.009	0.080
<b>Total</b>	<b>4.48</b>	<b>1.15</b>	<b>0.089</b>	<b>0.055</b>	<b>1.29</b>

**Notes:**

- Data and calculations presented in table prepared by Geosyntec Consultants of NC P.C.
- 1 - Listed dates are days when flow was recorded at the Stormwater Treatment System.
- 2 - Total daily flows were based on the volume recorded via a totalizer at the Stormwater Treatment System effluent.
- 3 - The calculated captured mass load is a product of the concentration difference in the influent and the effluent samples and total flow at the effluent for the sampling date.
- 4 - For days where only flow was recorded, the concentrations from the closest date were used to calculate mass loads.
- 5 - Only HFPO-DA, PFMOAA and PMPA are recorded at this location. Thus, the total captured mass load presented here is summed over these three compounds only.
- 6 - Data presented are based on Monthly Monitoring Reports submitted to the North Carolina Department of Environmental Quality by Chemours.

**Abbreviations:**

lbs - pounds  
 MG - million gallons

# Appendix C: Field Forms

**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP3Q25-CFR-BLADEN-070125	07-01-2025	18:10	7.07	7.07	94.60	27.40	111.00	31.29	Clear	No	-

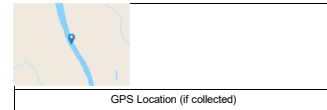
**Sampling Data**

Sampling Method:  Tubing Depth (ft):  Distance to River Right:   
 Sampling Location:  Multi Meter Used:  Distance to River Left:   
 Total Depth to Bottom of Channel (ft):  Multi Meter ID:  Distance to River (Right/Left) Units:

**WEATHER CONDITIONS**

Temperature (F):	88.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	13

Latitude:   
 Longitude:

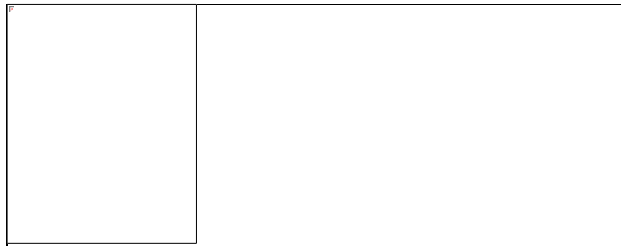


General Comments:

Sample Comments:



River Right



River Left

**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP3Q25-CFR-KINGS-070725	07-07-2025	11:40	7.48	5.48	97.70	23.50	533.40	31.73	Clear	No	DUP MS MSD

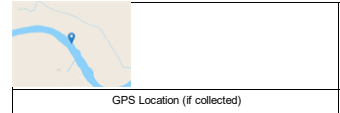
**Sampling Data**

Sampling Method:  Tubing Depth (ft):  Distance to River Right:   
 Sampling Location:  Multi Meter Used:  Distance to River Left:   
 Total Depth to Bottom of Channel (ft):  Multi Meter ID:  Distance to River (Right/Left) Units:

**WEATHER CONDITIONS**

Temperature (F):	<input type="text" value="88.00"/>
Sky:	<input type="text" value="Sunny"/>
Precipitation:	<input type="text" value="None"/>
Wind (mph)	<input type="text" value="10"/>

Latitude:   
 Longitude:



General Comments:

Sample Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP3Q25-CFR-76-070125	07-01-2025	10:15	7.36	5.99	95.40	28.50	168.40	31.03	Clear with particulates	No	--

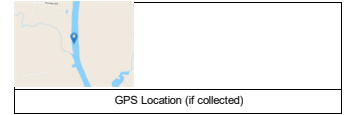
**Sampling Data**

Sampling Method:  Tubing Depth (ft):  Distance to River Right:   
 Sampling Location:  Multi Meter Used:  Distance to River Left:   
 Total Depth to Bottom of Channel (ft):  Multi Meter ID:  Distance to River (Right/Left) Units:

**WEATHER CONDITIONS**

Temperature (F):	<input type="text" value="83.00"/>
Sky:	<input type="text" value="Sunny"/>
Precipitation:	<input type="text" value="None"/>
Wind (mph)	<input type="text" value="10"/>

Latitude:   
 Longitude:



General Comments:

Sample Comments:



River Right



River Left

**SURFACE WATER SAMPLING RECORD**

Site Name: Chemours Fayetteville      Location ID: CFR-TARHEEL      Project Manager: Tracy Ovbey  
 Samplers: BROCK SHATTUCK|DEBORAH AYERS|KEN STUART      Sampling Event: Quarterly CAP      Event Type: Sampling  
 Date: 07-02-2025      Time: 12:30

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP3Q25-CFR-TARHEEL-24-070225	07-02-2025	23:01	7.21	6.72	69.50	27.50	152.40	28.71	Clear	No	--

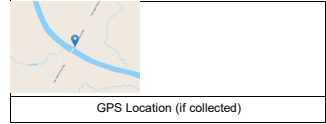
**Sampling Data**

Sampling Method: ISCO Composite      Multi Meter Used: Insitu Aqua Troll  
 ISCO Start Date and Time: 07-02-2025 00:01      Multi Meter ID: 1172834  
 ISCO End Date and Time: 07-02-2025 23:01

**WEATHER CONDITIONS**

Temperature (F):	81.00
Sky:	Partly Sunny
Precipitation:	Rain
Wind (mph)	9

Latitude: 34.7449782692975  
 Longitude: -78.7852326644667



General Comments:

Sample Comments:



ISCO

**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP3Q25-CFR-TARHEEL-070225	07-02-2025	13:15	7.05	6.88	90.20	23.30	137.20	31.10	Clear	No	--

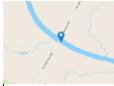
**Sampling Data**

Sampling Method:  Tubing Depth (ft):  Distance to River Right:   
 Sampling Location:  Multi Meter Used:  Distance to River Left:   
 Total Depth to Bottom of Channel (ft):  Multi Meter ID:  Distance to River (Right/Left) Units:

**WEATHER CONDITIONS**

Temperature (F):	86.00
Sky:	Partly Sunny
Precipitation:	None
Wind (mph)	6

Latitude:   
 Longitude:



GPS Location (if collected)

General Comments:

Sample Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name: Chemours Fayetteville      Location ID: GBC-1      Project Manager: Tracy Ovbey  
 Samplers: BRANDON WEIDNER|BROCK SHATTUCK|      Sampling Event: Quarterly CAP      Event Type: Sampling  
 Date: 07-01-2025      Time: 13:05

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP3Q25-GBC-1-070125	07-01-2025	13:15	4.58	6.09	301.30	28.80	194.40	31.90	Clear with particles	No	--

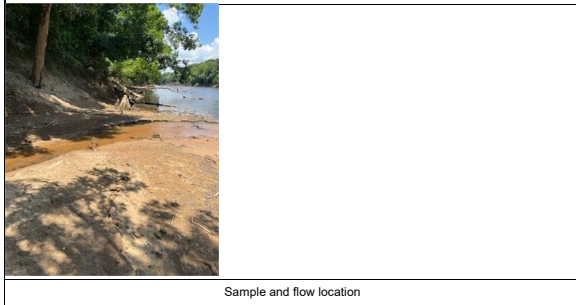
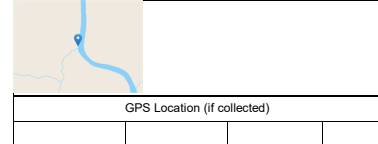
**Sampling Data**

Sampling Method: Bottle Grab      Multi Meter Used: Insitu Aqua Troll      Flow Rate:   
 Water Quality Condition:      Multi Meter ID: 1172834      Flow Rate Units:

**WEATHER CONDITIONS**

Temperature (F):	91.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	11

Latitude: 34.8148870189067  
 Longitude: -78.8214309979964



General Comments:

Sampling Comments:

**SURFACE WATER SAMPLING RECORD**

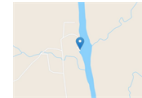
Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP3Q25-Lock and Dam North-070125	07-01-2025	10:15	5.79	4.99	145.10	56.20	124.50	27.40	Clear	No	--

**Sampling Data**  
 Sampling Method:  Multi Meter Used:  Flow Rate:   
 Water Quality Condition:  Multi Meter ID:  Flow Rate Units:

WEATHER CONDITIONS	
Temperature (F):	84.00
Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	0

Latitude:   
 Longitude:



GPS Location (if collected)

--	--	--	--



General Comments:

Sampling Comments:

**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP3Q25-LOCK-DAM-SEEP-070125	07-01-2025	10:45	6.57	6.50	-9.70	27.30	156.50	30.10	Clear	no	--

**Sampling Data**  
 Sampling Method:  Multi Meter Used:  Flow Rate:   
 Water Quality Condition:  Multi Meter ID:  Flow Rate Units:

WEATHER CONDITIONS	
Temperature (F):	85.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	10

Latitude:   
 Longitude:



GPS Location (if collected)

--	--	--	--



General Comments:

Sampling Comments:

**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP3Q25-OLDOF-2-24-070225	07-02-2025	09:18	6.74	7.60	29.80	48.30	269.30	29.60	Clear with particles	None	--

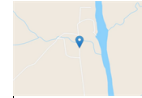
**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

Temperature (F):	<input type="text" value="87.00"/>
Sky:	<input type="text" value="Sunny"/>
Precipitation:	<input type="text" value="None"/>
Wind (mph)	<input type="text" value="10"/>

Latitude:   
 Longitude:



GPS Location (if collected)

General Comments:

Sample Comments:



Checking ISCO program



ISCO intake

**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP3Q25-OUTFALL 002-24-070225	07-02-2025	08:24	7.12	7.95	143.80	13.65	267.50	30.52	Clear	No	--

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

Temperature (F):	85.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	5

Latitude:   
 Longitude:



General Comments:

Sample Comments:



ISCO

**SURFACE WATER SAMPLING RECORD**

Site Name: Chemours Fayetteville      Location ID: RIVER WATER INTAKE      Project Manager: Tracy Ovbey  
 Samplers: GRANT WALLACE|SAIRA BOHAM      Sampling Event: Quarterly CAP      Event Type: Sampling  
 Date: 07-01-2025      Time: 08:27

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP3Q25-RIVER WATER INTAKE-24-070225	07-02-2025	07:06	7.39	7.49	87.40	20.90	167.00	28.22	Clear	No	--

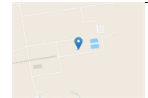
**Sampling Data**

Sampling Method: ISCO Composite      Multi Meter Used: Insitu Aqua Troll  
 ISCO Start Date and Time: 07-01-2025 08:06      Multi Meter ID: 1172835  
 ISCO End Date and Time: 07-02-2025 07:06

**WEATHER CONDITIONS**

Temperature (F):	80.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	10

Latitude: 34.8434689009458  
 Longitude: -78.8354701648121



GPS Location (if collected)

General Comments:

Sample Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP3Q25-SEEP-A-070725	07-07-2025 08:44		--	--	--	--	--	--	--	--	--

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

Temperature (F):	79.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	3

Latitude:   
 Longitude:

GPS Location (if collected)

General Comments:

Sample Comments:

--	--

--	--

**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP3Q25-SEEP-B-070725	07-07-2025 08:45		--	--	--	--	--	--	--	--	--

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

Temperature (F):	79.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	3

Latitude:   
 Longitude:

GPS Location (if collected)

General Comments:

Sample Comments:

--

--

**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP3Q25-SEEP-C-070725	07-07-2025	08:46	--	--	--	--	--	--	--	--	--

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

Temperature (F):	79.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	3

Latitude:   
 Longitude:

GPS Location (if collected)

General Comments:

Sample Comments:

--	--

--	--

**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP3Q25-SEEP-D-070725	07-07-2025	08:47	--	--	--	--	--	--	--	--	--

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

Temperature (F):	79.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	3

Latitude:   
 Longitude:

GPS Location (if collected)

General Comments:

Sample Comments:

--	--

--	--

**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
CAP3Q25-WC-1-24-070225	07-02-2025	07:00	4.43	7.97	211.80	27.70	114.20	25.40	Clear	No	--

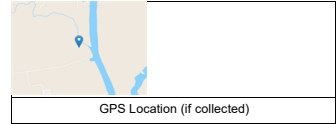
**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

Temperature (F):	81.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	5

Latitude:   
 Longitude:



General Comments:

Sample Comments:



### RECORD OF WELL SAMPLING

Site Name:  Well ID:  Well Diameter:  Inches  
 Samplers:  Event:  Project Manager:

**Purging Data**  
 Pump Depth:   
 Pump Loc:   
 Method:  Date:  Time:

WATER VOLUME CALCULATION		
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot		
Water Volume =	4.424	
Initial Depth to Water (ft.):	19.72	Depth to Well Bottom (ft.): <span style="float: right;">47.37</span>

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
11:45	20.25	300.00	1500.00	5.6	0.55	-27.90	33.00	69.50	20.40	Clear	No	
11:50	20.20	250.00	1250.00	5.56	0.34	-20.70	24.40	68.40	20.60	Clear	No	
11:55	20.20	250.00	1250.00	5.56	0.24	-17.50	21.20	68.20	20.50	Clear	No	
12:00	20.20	250.00	1250.00	5.56	0.18	-17.10	18.59	68.40	20.80	Clear	No	
12:05	20.20	250.00	1250.00	5.55	0.16	-11.30	18.35	68.80	20.80	Clear	No	
12:10	20.20	250.00	1250.00	5.55	0.15	-12.20	14.66	68.80	20.90	Clear	No	
12:15	20.20	250.00	1250.00	5.55	0.13	-10.60	14.66	68.90	20.80	Clear	No	
12:20	20.20	250.00	1250.00	5.54	0.12	-9.90	11.20	68.90	20.80	Clear	No	
12:25	20.20	250.00	1250.00	5.54	0.10	-7.90	8.48	68.70	20.80	Clear	No	
12:30	20.20	250.00	1250.00	5.54	0.09	-5.20	9.51	68.70	20.80	Clear	No	
12:35	20.20	250.00	1250.00	5.54	0.09	-5.30	12.84	68.80	20.80	Clear	No	
12:40	20.20	250.00	1250.00	5.54	0.09	-5.30	8.01	68.60	20.80	Clear	No	

Screen Interval:

**Sampling Data**  
 Method:  Date:  Time:   
 Field Filtered:  Purge Start Time:   
 Total Volume Purged (mL):

**Field Parameters**

STABILIZED PARAMETERS	
pH	5.54
Spec. Cond.(µS/cm)	68.60
Turbidity (NTU)	8.01
Temp.(°C)	20.80
DO (mg/L)	0.09
ORP (mV)	-5.30

Sample ID:   
 DuplicateID:   
 QA/QC:

WEATHER CONDITIONS	
Temperature (F):	82.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	5

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville

Well ID: LTW-01

Well Diameter: 2 Inches

Samplers: DEBORAH AYERS

Event: Quarterly CAP

Project Manager: Tracy Ovbey

**Purging Data**

Pump Depth: 21

Pump Loc: within screen

Method: Peristaltic Pump

Date: 07-24-2025

Time: 15:49

WATER VOLUME CALCULATION			
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot			
Water Volume =	2.056		
Initial Depth to Water (ft.):	15.88	Depth to Well Bottom (ft.):	28.73

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
16:10	16.55	240.00	1200.00	3.66	0.35	327.80	11.30	110.30	21.26	Clear	No	
16:15	16.64	240.00	1200.00	3.65	0.34	338.80	11.30	109.50	21.11	Clear	No	
16:20	16.68	240.00	1200.00	3.65	0.33	350.40	13.60	108.60	20.85	Clear	No	
16:25	16.62	240.00	1200.00	3.6	0.35	357.40	15.80	108.00	20.88	Clear	No	
16:30	16.62	240.00	1200.00	3.61	0.36	361.10	9.51	107.90	21.09	Clear	No	

Screen Interval: 11.0-26.0

**Sampling Data**

Method: Low Flow

Date: 07-24-2025 Time: 16:30

Purge Start Time: 16:05

Field Filtered: No

Total Volume Purged (mL): 6000

**Field Parameters**

STABILIZED PARAMETERS	
pH	3.61
Spec. Cond. (µS/cm)	107.90
Turbidity (NTU)	9.51
Temp. (°C)	21.09
DO (mg/L)	0.36
ORP (mV)	361.10

Sample ID: CAP3Q25-LTW-01-072425  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	93.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	2

**RECORD OF WELL SAMPLING**

Site Name:  Well ID:  Well Diameter:  Inches  
 Samplers:  Event:  Project Manager:

**Purging Data**  
 Pump Depth:   
 Pump Loc:   
 Method:  Date:  Time:

WATER VOLUME CALCULATION			
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot			
Water Volume =	4.742		
Initial Depth to Water (ft.):	11.06	Depth to Well Bottom (ft.):	40.7

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
12:45	11.20	300.00	1500.00	3.981	0.32	145.40	8.56	108.60	23.99	Clear	No	
12:50	11.21	300.00	1500.00	3.908	0.22	142.20	9.14	108.10	24.02	Clear	No	
12:55	11.22	300.00	1500.00	4.014	0.18	133.50	17.95	109.20	24.50	Clear	No	
13:00	11.22	300.00	1500.00	4.362	0.16	111.10	14.72	110.10	24.22	Clear	No	
13:05	11.22	300.00	1500.00	4.429	0.13	105.70	7.61	109.10	23.30	Clear	No	
13:10	11.22	300.00	1500.00	4.286	0.12	115.80	4.03	108.90	22.95	Clear	No	
13:15	11.22	300.00	1500.00	4.322	0.12	110.50	3.89	111.80	23.35	Clear	No	
13:20	11.22	300.00	1500.00	4.437	0.10	110.80	2.60	112.80	24.88	Clear	No	
13:25	11.22	300.00	1500.00	4.593	0.10	104.30	5.06	112.40	24.86	Clear	No	
13:30	11.22	300.00	1500.00	4.592	0.10	105.80	2.96	111.20	24.34	Clear	No	

Screen Interval:

**Sampling Data**  
 Method:  Date:  Time:   
 Field Filtered:  Purge Start Time:   
 Total Volume Purged (mL):

**Field Parameters**

STABILIZED PARAMETERS	
pH	4.59
Spec. Cond.(µS/cm)	111.20
Turbidity (NTU)	2.96
Temp.(°C)	24.34
DO (mg/L)	0.10
ORP (mV)	105.80

Sample ID:   
 DuplicateID:   
 QA/QC:

WEATHER CONDITIONS	
Temperature (F):	90.00
Sky:	Partly Sunny
Precipitation:	None
Wind (mph)	2

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville      Well ID: LTW-03      Well Diameter: 2 Inches  
 Samplers: JACQUELINE CASTRO|KAYTLYN MARINGER      Event: Quarterly CAP      Project Manager: Tracy Ovbey

**Purging Data**  
 Pump Depth: 25  
 Pump Loc: within screen  
 Method: Peristaltic Pump      Date: 07-24-2025      Time: 13:00

WATER VOLUME CALCULATION			
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot			
Water Volume =	0.38		
Initial Depth to Water (ft.):	13.49	Depth to Well Bottom (ft.):	32.75

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
13:25	13.98	200.00	1000.00	4.29	0.59	226.40	49.80	109.70	23.30	Clear	No	
13:30	14.09	200.00	1000.00	4.27	0.37	217.00	39.40	109.40	22.80	Clear	No	
13:35	14.16	200.00	1000.00	4.97	0.30	211.30	26.70	109.30	23.60	Clear	No	
13:40	14.20	200.00	1000.00	4.27	0.27	204.60	23.20	108.80	24.70	Clear	No	
13:45	14.24	200.00	1200.00	4.26	0.22	198.00	21.30	109.30	23.60	Clear	No	
13:50	14.27	200.00	1000.00	4.26	0.20	195.50	18.86	109.30	23.30	Clear	No	
13:55	14.29	200.00	1000.00	4.26	0.17	191.40	10.65	109.40	23.30	Clear	No	
14:00	14.31	200.00	1000.00	4.26	0.16	186.10	10.55	109.50	23.90	Clear	No	
14:05	14.33	200.00	1000.00	4.26	0.16	184.70	11.30	110.30	24.60	Clear	No	

Screen Interval: 15.0-30.0

**Sampling Data**  
 Method: Low Flow      Date: 07-24-2025      Time: 14:05      Purge Start Time: 13:20  
 Field Filtered: No      Total Volume Purged (mL): 9200

**Field Parameters**

STABILIZED PARAMETERS	
pH	4.26
Spec. Cond. (µS/cm)	110.30
Turbidity (NTU)	11.30
Temp. (°C)	24.60
DO (mg/L)	0.16
ORP (mV)	184.70

Sample ID: CAP3Q25-LTW-03-072425  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	84.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	5

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville Well ID: LTW-04 Well Diameter: 2 Inches  
 Samplers: JACQUELINE CASTRO|KAYTLYN MARINGER Event: Quarterly CAP Project Manager: Tracy Ovbey

**Purging Data**  
 Pump Depth: 21  
 Pump Loc: within screen  
 Method: Peristaltic Pump Date: 07-24-2025 Time: 14:46

WATER VOLUME CALCULATION			
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot			
Water Volume =	2.786		
Initial Depth to Water (ft.):	11.01	Depth to Well Bottom (ft.):	28.42

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
15:00	12.80	200.00	1000.00	4.85	0.54	170.20	80.10	99.00	23.40	Hazy	No	
15:05	13.12	200.00	1000.00	4.82	0.34	165.40	81.30	97.60	22.80	Hazy	No	
15:10	13.40	200.00	1000.00	4.96	0.22	144.20	56.10	95.70	22.50	Hazy	No	
15:15	13.45	200.00	1000.00	4.96	0.20	144.30	52.20	96.00	22.50	Hazy	No	
15:20	13.52	200.00	1000.00	5.02	0.17	134.00	49.10	94.60	22.30	Hazy	No	
15:25	13.60	200.00	1000.00	5.04	0.15	129.30	38.00	94.90	22.60	Hazy	No	
15:30	13.63	200.00	1000.00	5.03	0.15	129.20	36.10	95.10	22.50	Hazy	No	
15:35	13.68	200.00	1000.00	5.06	0.15	124.40	32.30	95.00	22.80	Cloudy	No	
15:40	13.72	200.00	1000.00	5.06	0.12	123.00	30.90	94.60	22.60	Cloudy	No	
15:45	13.77	200.00	1000.00	5.04	0.11	124.60	31.90	95.40	22.40	Clear with particles	No	
15:50	13.78	200.00	1000.00	5.06	0.10	122.10	31.80	94.60	22.30	Clear with particles	No	
15:55	13.65	150.00	750.00	5.07	0.10	119.80	31.80	94.50	22.70	Clear with particles	No	
16:00	13.49	150.00	750.00	5.07	0.10	118.10	32.60	94.30	23.20	Clear with particles	No	
16:05	13.35	150.00	750.00	5.07	0.10	117.10	33.90	94.50	23.50	Clear with particles	No	Stop purge @1610, will finish tomorrow

Screen Interval: 12.0-27.0

**Sampling Data**  
 Method: Low Flow Date: 07-24-2025 Time: -- Purge Start Time: 14:55  
 Field Filtered: No Total Volume Purged (mL): 13250

**Field Parameters**

STABILIZED PARAMETERS	
pH	--
Spec. Cond.(µS/cm)	--
Turbidity (NTU)	--
Temp.(°C)	--
DO (mg/L)	--
ORP (mV)	--

Sample ID: CAP3Q25-LTW-04-072425  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	93.00
Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	4

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville      Well ID: LTW-04      Well Diameter: 2 Inches  
 Samplers: JACQUELINE CASTRO|SAIRA BOHAM      Event: Quarterly CAP      Project Manager: Tracy Ovbey

**Purging Data**  
 Pump Depth: 21  
 Pump Loc: within screen  
 Method: Peristaltic Pump      Date: 07-25-2025      Time: 8:41

WATER VOLUME CALCULATION			
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot			
Water Volume =	2.778		
Initial Depth to Water (ft.):	11.06	Depth to Well Bottom (ft.):	28.42

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
09:05	12.07	120.00	600.00	4.93	0.67	157.50	51.90	93.30	23.20	Cloudy	No	Part 2 from 7/24
09:10	12.21	120.00	600.00	4.92	0.52	159.30	49.60	94.00	23.30	Cloudy	No	
09:15	12.31	120.00	600.00	4.96	0.39	156.90	44.90	93.30	23.30	Cloudy	No	
09:20	12.39	120.00	600.00	4.86	0.29	174.30	45.90	92.50	23.30	Cloudy	No	
09:25	12.41	120.00	600.00	4.95	0.25	160.50	41.20	93.50	23.30	Cloudy	No	
09:30	12.45	120.00	600.00	4.98	0.23	160.00	39.10	93.10	23.60	Cloudy	No	
09:35	12.45	120.00	600.00	5	0.22	152.90	33.50	93.00	23.60	Cloudy	No	
09:40	12.49	120.00	600.00	5.03	0.18	147.60	28.80	92.80	23.30	Cloudy	No	
09:45	12.51	120.00	600.00	5.05	0.16	143.70	27.80	143.40	23.60	Hazy	No	
09:50	12.50	120.00	600.00	5.06	0.17	141.70	26.80	92.80	23.70	Hazy	No	
09:55	12.51	120.00	600.00	5.07	0.16	141.00	26.70	93.00	23.50	Hazy	No	
10:00	12.51	120.00	600.00	5.08	0.15	139.20	25.00	92.80	23.60	Clear	No	
10:05	12.50	120.00	600.00	5.08	0.14	137.80	23.70	92.70	23.50	Clear	No	
10:10	12.50	120.00	600.00	5.09	0.13	136.80	21.70	92.30	23.60	clear	No	
10:15	12.50	120.00	600.00	5.09	0.13	136.20	21.80	92.20	23.80	Clear	No	
10:20	12.50	120.00	600.00	5.1	0.13	135.20	21.60	91.90	23.60	Clear	No	
10:25	12.50	120.00	600.00	5.1	0.13	135.70	21.00	92.20	23.80	Clear	No	
10:30	12.50	120.00	600.00	5.11	0.13	134.30	20.00	92.00	23.70	Clear	No	
10:35	12.50	120.00	600.00	5.12	0.12	133.20	19.71	91.80	23.50	Clear	No	
10:40	12.50	120.00	600.00	5.11	0.11	133.70	19.09	92.10	23.90	Clear	No	
10:45	12.50	120.00	600.00	5.1	0.12	135.00	18.80	92.30	23.80	Clear	No	

Screen Interval: 12.0-27.0

**Sampling Data**  
 Method: Low Flow      Date: 07-25-2025      Time: 10:45      Purge Start Time: 09:00  
 Field Filtered: No      Total Volume Purged (mL): 12600

**Field Parameters**

STABILIZED PARAMETERS	
pH	5.10
Spec. Cond. (µS/cm)	92.30
Turbidity (NTU)	18.80
Temp. (°C)	23.80
DO (mg/L)	0.12
ORP (mV)	135.00

Sample ID: CAP3Q25-LTW-04-072525  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	82.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	4

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville Well ID: LTW-05 Well Diameter: 2 Inches  
 Samplers: GRANT WALLACE|SAIRA BOHAM Event: Quarterly CAP Project Manager: Tracy Ovbey

**Purging Data**  
 Pump Depth: 36  
 Pump Loc: within screen  
 Method: Peristaltic Pump Date: 07-28-2025 Time: 12:18

WATER VOLUME CALCULATION		
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot		
Water Volume =	5.59	
Initial Depth to Water (ft.):	12.24	Depth to Well Bottom (ft.): 47.18

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
12:40	12.55	200.00	1000.00	4.77	0.57	131.70	26.80	121.70	21.20	Hazy	No	
12:45	12.55	200.00	1000.00	4.77	0.33	97.00	33.40	121.40	20.90	Hazy	No	
12:50	12.55	200.00	1000.00	4.77	0.23	67.90	31.30	120.80	21.40	Hazy	No	
12:55	12.55	200.00	1000.00	4.77	0.20	55.90	33.00	121.90	20.80	Hazy	No	
13:00	12.55	160.00	800.00	4.77	0.19	37.80	37.10	120.80	21.30	Hazy	No	
13:05	12.55	160.00	800.00	4.77	0.18	25.70	47.30	121.70	21.60	Hazy	No	Raised tubing from 39' to 36' to help with turbidity
13:10	12.55	160.00	800.00	4.78	0.18	35.40	27.80	121.40	21.90	Hazy	No	
13:15	12.55	160.00	800.00	4.77	0.18	54.20	22.10	121.70	22.00	Hazy	No	
13:20	12.49	160.00	800.00	4.8	0.16	20.70	29.20	121.30	21.80	Hazy	No	
13:25	12.50	160.00	800.00	4.8	0.15	6.00	36.10	120.90	22.50	Hazy	No	
13:30	12.45	120.00	600.00	4.81	0.14	-0.40	36.10	120.10	22.50	Hazy	No	
13:35	12.45	120.00	600.00	4.79	0.14	-0.60	32.40	120.30	22.80	Hazy	No	
13:40	12.45	120.00	600.00	4.78	0.14	-1.60	29.90	120.30	22.90	Hazy	No	
13:45	12.45	120.00	600.00	4.76	0.14	-0.90	27.80	120.70	23.00	Hazy	No	
13:50	12.45	120.00	600.00	4.76	0.14	0.10	25.60	120.90	23.00	Clear	No	
13:55	12.45	120.00	600.00	4.76	0.14	-1.30	25.60	120.60	23.00	Clear	No	
14:00	12.45	120.00	600.00	4.75	0.14	-2.00	24.80	120.40	23.30	Clear	No	
14:05	12.45	120.00	600.00	4.74	0.14	-2.10	23.20	120.70	23.80	Clear	No	
14:10	12.45	120.00	600.00	4.74	0.13	-3.30	22.80	120.90	23.50	Clear	No	
14:15	12.45	120.00	600.00	4.73	0.13	-3.90	22.40	121.00	23.60	Clear	No	
14:20	12.45	120.00	600.00	4.73	0.13	-2.10	21.10	121.20	23.40	Clear	No	
14:25	12.45	120.00	600.00	4.72	0.12	-0.90	20.60	120.90	22.90	Clear	No	
14:30	12.45	120.00	600.00	4.72	0.13	-0.20	20.50	121.00	23.60	Clear	No	
14:35	12.45	120.00	600.00	4.71	0.12	-0.20	19.42	120.90	23.40	Clear	No	
14:40	12.45	120.00	600.00	4.71	0.12	-0.30	19.34	121.10	23.00	Clear	No	
14:45	12.45	120.00	600.00	4.71	0.11	-0.30	17.19	121.10	23.60	Clear	No	

Screen Interval: 25 - 40

**Sampling Data**  
 Method: Low Flow Date: 07-28-2025 Time: 14:45 Purge Start Time: 12:35  
 Field Filtered: No Total Volume Purged (mL): 18400

**Field Parameters**

STABILIZED PARAMETERS	
pH	4.71
Spec. Cond.(µS/cm)	121.10
Turbidity (NTU)	17.19
Temp.(°C)	23.60
DO (mg/L)	0.11
ORP (mV)	-0.30

Sample ID: CAP3Q25-LTW-05-072825  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	82.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	5

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville

Well ID: OW-28

Well Diameter: 2 Inches

Samplers: KAYTLYN MARINGER|SAIRA BOHAM

Event: Quarterly CAP

Project Manager: Tracy Ovbey

**Purging Data**

Pump Depth: 28

Pump Loc: within screen

Method: Peristaltic Pump Date: 07-17-2025 Time: 14:26

**WATER VOLUME CALCULATION**

= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot

Water Volume = 4.05  
 Initial Depth to Water (ft.): 8.18 Depth to Well Bottom (ft.): 33.49

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
14:40	8.54	250.00	1250.00	3.98	0.15	175.30	8.88	58.68	22.63	Clear	No	
14:45	8.57	250.00	1250.00	3.706	0.09	184.50	18.39	58.42	22.22	Clear	No	
14:50	8.58	250.00	1250.00	3.672	0.08	183.70	21.20	56.73	22.11	Clear	No	
14:55	8.58	250.00	1250.00	3.572	0.06	186.10	10.22	55.66	22.53	Clear	No	
15:00	8.58	250.00	1250.00	3.537	0.05	185.60	8.26	55.85	21.88	Clear	No	
15:05	8.58	250.00	1250.00	3.511	0.04	185.50	5.46	55.14	21.72	Clear	No	
15:10	8.58	250.00	1250.00	3.49	0.04	184.50	5.30	55.48	22.44	Clear	No	
15:15	8.58	250.00	1250.00	3.441	0.03	185.30	4.88	55.19	22.30	Clear	No	
15:20	8.58	250.00	1250.00	3.441	0.03	183.70	3.99	55.26	22.22	Clear	Sulfur	
15:25	8.58	250.00	1250.00	3.449	0.03	182.00	2.90	55.30	21.98	Clear	Sulfur	

Screen Interval: 20 - 30

**Sampling Data**

Method: Low Flow

Date: 07-17-2025 Time: 15:25

Purge Start Time: 14:35

Field Filtered: No

Total Volume Purged (mL): 12500

**Field Parameters**

STABILIZED PARAMETERS	
pH	3.45
Spec. Cond.(µS/cm)	55.30
Turbidity (NTU)	2.90
Temp.(°C)	21.98
DO (mg/L)	0.03
ORP (mV)	182.00

Sample ID: CAP3Q25-OW-28-071725  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	94.00
Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	3

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville

Well ID: OW-33

Well Diameter: 2 Inches

Samplers: DEBORAH AYERS|JACQUELINE CASTRO

Event: Quarterly CAP

Project Manager: Tracy Ovbey

**Purging Data**

Pump Depth: 27  
Pump Loc: within screen

Method: Peristaltic Pump Date: 07-17-2025 Time: 12:48

**WATER VOLUME CALCULATION**

= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot

Water Volume =	0		
Initial Depth to Water (ft.):	7.97	Depth to Well Bottom (ft.):	32.02

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
13:25	8.02	400.00	6000.00	4.26	0.25	202.70	7.32	71.50	22.10	Clear with particulates	No	
13:30	8.02	400.00	2000.00	4.27	0.21	201.80	9.13	71.60	21.80	Clear with particulates	No	
13:35	8.02	400.00	2000.00	4.27	0.16	197.60	7.85	71.30	22.00	Clear with particulates	No	
13:40	8.02	400.00	2000.00	4.27	0.15	191.90	4.96	71.70	22.10	Clear with particulates	No	
13:45	8.02	400.00	2000.00	4.27	0.14	188.60	3.09	71.60	22.60	Clear with particulates	No	
13:50	8.02	400.00	2000.00	4.27	0.12	187.10	2.22	71.50	22.40	Clear	No	
13:55	8.02	400.00	2000.00	4.26	0.12	187.00	2.19	71.90	22.70	Clear	No	
14:00	8.02	400.00	2000.00	4.26	0.12	184.40	1.61	71.80	22.60	Clear	No	

Screen Interval: 19 - 29

**Sampling Data**

Method: Low Flow  
Field Filtered: No

Date: 07-17-2025 Time: 14:00

Purge Start Time: 13:20  
Total Volume Purged (mL): 20000

**Field Parameters**

STABILIZED PARAMETERS	
pH	4.26
Spec. Cond. (µS/cm)	71.80
Turbidity (NTU)	1.61
Temp. (°C)	22.60
DO (mg/L)	0.12
ORP (mV)	184.40

Sample ID: CAP3Q25-OW-33-071725  
Duplicate ID: --  
QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	90.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	14

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville

Well ID: PIW-1D

Well Diameter: 2 Inches

Samplers: BRANDON WEIDNER|GRANT WALLACE

Event: Quarterly CAP

Project Manager: Tracy Ovbey

**Purging Data**

Pump Depth: 28.5

Pump Loc: within screen

Method: Peristaltic Pump Date: 07-10-2025 Time: 13:24

WATER VOLUME CALCULATION		
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot		
Water Volume =	2.318	
Initial Depth to Water (ft.):	17.22	Depth to Well Bottom (ft.): 31.71

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
13:40	17.22	270.00	1350.00	3.46	0.63	417.30	228.00	251.30	21.50	Cloudy	No	
13:45	17.26	270.00	1350.00	3.45	0.39	437.50	288.00	250.40	21.20	Cloudy	No	
13:50	17.26	270.00	1350.00	3.45	0.31	447.40	222.00	253.40	21.60	Cloudy	No	
13:55	17.26	270.00	1350.00	3.45	0.27	456.70	133.00	253.80	22.00	Cloudy	No	
14:00	17.26	270.00	1350.00	3.45	0.24	463.90	81.70	254.90	21.80	Hazy	No	
14:05	17.26	270.00	1350.00	3.44	0.19	466.60	63.50	253.10	21.50	Hazy	No	
14:10	17.26	270.00	1350.00	3.44	0.17	471.30	42.60	250.80	21.80	Clear	No	
14:15	17.26	270.00	1350.00	3.44	0.16	471.40	33.80	250.40	22.00	Clear	No	
14:20	17.26	270.00	1350.00	3.44	0.14	474.50	27.30	251.00	21.60	Clear	No	
14:25	17.26	270.00	1350.00	3.44	0.13	477.60	21.10	249.20	21.70	Clear	No	
14:30	17.26	270.00	1350.00	3.44	0.12	480.80	16.62	248.50	21.40	Clear	No	
14:35	17.26	270.00	1350.00	3.44	0.12	478.10	14.38	247.70	21.50	Clear	No	
14:40	17.26	270.00	1350.00	3.44	0.13	475.40	15.34	248.10	22.60	Clear	No	

Screen Interval: 25 - 30

**Sampling Data**

Method: Low Flow

Date: 07-10-2025 Time: 14:40

Purge Start Time: 13:35

Field Filtered: No

Total Volume Purged (mL): 17550

**Field Parameters**

STABILIZED PARAMETERS	
pH	3.44
Spec. Cond.(µS/cm)	248.10
Turbidity (NTU)	15.34
Temp.(°C)	22.60
DO (mg/L)	0.13
ORP (mV)	475.40

Sample ID: CAP3Q25-PIW-1D-071025  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	83.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	5

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville

Well ID: PIW-1S

Well Diameter: 2 Inches

Samplers: DEBORAH AYERS|KAYTLYN MARINGER

Event: Quarterly CAP

Project Manager: Tracy Ovbey

**Purging Data**

Pump Depth: 18

Pump Loc: bottom of well

Method: Peristaltic Pump Date: 07-21-2025 Time: 13:56

**WATER VOLUME CALCULATION**

= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot

Water Volume =	0.674		
Initial Depth to Water (ft.):	17.72	Depth to Well Bottom (ft.):	21.93

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
14:20	17.90	200.00	2000.00	3.97	2.93	318.30	4.59	216.80	27.11	Clear	No	
14:25	17.90	200.00	1000.00	3.58	2.97	356.90	2.12	225.70	26.61	Clear	No	
14:30	17.90	200.00	1000.00	3.73	2.99	374.60	0.02	228.10	26.07	Clear	No	
14:35	17.90	200.00	1000.00	3.72	2.96	383.30	0.83	228.70	26.03	Clear	No	

Screen Interval: 8 to 18

**Sampling Data**

Method: Low Flow

Date: 07-21-2025 Time: 14:35

Purge Start Time: 14:10

Field Filtered: No

Total Volume Purged (mL): 5000

**Field Parameters**

STABILIZED PARAMETERS	
pH	3.72
Spec. Cond.(µS/cm)	228.70
Turbidity (NTU)	0.83
Temp.(°C)	26.03
DO (mg/L)	2.96
ORP (mV)	383.30

Sample ID: CAP3Q25-PIW-1S-072125

DuplicateID:

QA/QC:

WEATHER CONDITIONS	
Temperature (F):	91.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	2

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville Well ID: PIW-3D Well Diameter: 2 Inches  
 Samplers: KAYTLYN MARINGER|ZACHARY TOMEK Event: Quarterly CAP Project Manager: Tracy Ovbey

**Purging Data**  
 Pump Depth: 22.5  
 Pump Loc: within screen  
 Method: Peristaltic Pump Date: 07-15-2025 Time: 14:09

WATER VOLUME CALCULATION			
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot			
Water Volume =	1.646		
Initial Depth to Water (ft.):	16.52	Depth to Well Bottom (ft.):	26.81

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
14:25	16.74	240.00	1200.00	4.044	0.11	243.20	27.70	98.99	20.11	Clear	No	
14:30	16.73	240.00	1200.00	4.553	0.08	169.30	20.10	119.60	20.94	Clear	No	
14:35	16.73	240.00	1200.00	4.963	0.06	88.90	5.51	162.80	21.07	Clear	No	
14:40	16.73	240.00	1200.00	5.031	0.05	70.40	7.57	173.10	21.11	Clear	No	
14:45	16.73	240.00	1200.00	5.059	0.05	60.80	6.80	179.00	20.93	Clear	No	
14:50	16.73	240.00	1200.00	5.036	0.05	60.10	3.38	176.20	20.44	Clear	No	
14:55	16.73	240.00	1200.00	5.043	0.04	55.60	2.40	179.10	20.64	Clear	No	

Screen Interval: 20 - 25

**Sampling Data**  
 Method: Low Flow Date: 07-15-2025 Time: 14:55 Purge Start Time: 14:20  
 Field Filtered: No Total Volume Purged (mL): 8400

**Field Parameters**

STABILIZED PARAMETERS	
pH	5.04
Spec. Cond.(µS/cm)	179.10
Turbidity (NTU)	2.40
Temp.(°C)	20.64
DO (mg/L)	0.04
ORP (mV)	55.60

Sample ID: CAP3Q25-PIW-3D-071525  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	92.00
Sky:	Partly Sunny
Precipitation:	None
Wind (mph)	2

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville Well ID: PIW-7D Well Diameter: 2 Inches  
 Samplers: GRANT WALLACE|SAIRA BOHAM Event: Quarterly CAP Project Manager: Tracy Ovbey

**Purging Data**  
 Pump Depth: 30  
 Pump Loc: within screen  
 Method: Peristaltic Pump Date: 07-28-2025 Time: 14:57

WATER VOLUME CALCULATION		
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot		
Water Volume =	4.44	
Initial Depth to Water (ft.):	9.28	Depth to Well Bottom (ft.): 37.03

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
15:15	9.31	160.00	800.00	5.05	0.75	-53.10	21.10	101.50	23.30	Clear	No	
15:20	9.31	160.00	800.00	5.05	0.38	-66.40	20.80	101.30	22.50	Clear	No	
15:25	9.31	160.00	800.00	5.05	0.26	-72.00	23.70	101.20	22.70	Clear	No	
15:30	9.31	160.00	800.00	5.06	0.22	-76.00	24.80	101.30	22.80	Clear	No	
15:35	9.31	160.00	800.00	5.08	0.19	-80.60	26.20	101.40	22.40	Clear	No	
15:40	9.31	160.00	800.00	5.08	0.17	-82.90	25.70	101.10	22.90	Clear	No	
15:45	9.31	160.00	800.00	5.08	0.16	-84.70	22.80	101.20	22.90	Clear	No	
15:50	9.31	160.00	800.00	5.08	0.16	-85.60	21.20	100.90	23.20	Clear	No	
15:55	9.31	160.00	800.00	5.08	0.13	-86.70	20.30	101.40	22.30	Clear	Slightly eggy	
16:00	9.31	160.00	800.00	5.07	0.13	-86.30	20.40	101.10	22.80	Clear	Slightly eggy	
16:05	9.31	160.00	800.00	5.06	0.12	-86.30	14.80	101.30	22.50	Clear	Slightly eggy	
16:10	9.31	160.00	800.00	5.06	0.12	-87.60	14.32	100.80	22.80	Clear	Slightly eggy	
16:15	9.31	160.00	800.00	5.06	0.12	-87.60	13.48	101.10	22.80	Clear	Slightly eggy	

Screen Interval: 29 to 34

**Sampling Data**  
 Method: Low Flow Date: 07-28-2025 Time: 16:15 Purge Start Time: 15:10  
 Field Filtered: No Total Volume Purged (mL): 10400

**Field Parameters**

STABILIZED PARAMETERS	
pH	5.06
Spec. Cond.(µS/cm)	101.10
Turbidity (NTU)	13.48
Temp.(°C)	22.80
DO (mg/L)	0.12
ORP (mV)	-87.60

Sample ID: CAP3Q25-PIW-7D-072825  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	96.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	5

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville Well ID: PIW-7S Well Diameter: 2 Inches  
 Samplers: KAYTLYN MARINGER|SAIRA BOHAM Event: Quarterly CAP Project Manager: Tracy Ovbey

**Purging Data**  
 Pump Depth: 15  
 Pump Loc: within screen  
 Method: Peristaltic Pump Date: 07-17-2025 Time: 12:41

WATER VOLUME CALCULATION		
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot		
Water Volume =	1.877	
Initial Depth to Water (ft.):	8.54	Depth to Well Bottom (ft.): 20.27

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
13:00	8.85	150.00	750.00	4.91	0.25	159.50	11.81	125.00	27.05	Clear	No	
13:05	8.85	150.00	750.00	4.89	0.24	157.90	7.90	124.80	27.16	Clear	No	
13:10	8.85	150.00	750.00	4.82	0.18	158.60	17.77	124.70	27.17	Clear	No	
13:15	8.85	150.00	750.00	4.78	0.16	162.00	19.86	124.60	27.30	Clear	No	
13:20	8.85	150.00	750.00	4.87	0.13	152.80	20.50	124.80	27.96	Clear	No	
13:25	8.85	150.00	750.00	4.97	0.14	140.60	17.17	123.90	28.67	Clear	No	
13:30	8.85	150.00	750.00	5.03	0.13	134.30	11.11	123.20	28.72	Clear	No	
13:35	8.85	150.00	750.00	5.11	0.12	123.30	8.67	122.70	28.75	Clear	No	
13:40	8.85	150.00	750.00	5.16	0.12	113.70	7.21	122.40	28.81	Clear	No	
13:45	8.85	150.00	750.00	5.24	0.11	99.30	4.27	122.20	28.92	Clear	No	
13:50	8.85	150.00	750.00	5.26	0.11	91.40	4.21	122.30	29.42	Clear	No	
13:55	8.85	150.00	750.00	5.31	0.11	84.70	3.15	123.10	28.96	Clear	No	
14:00	8.85	150.00	750.00	5.33	0.11	81.10	2.85	123.20	28.09	Clear	No	
14:05	8.85	150.00	750.00	5.38	0.11	77.50	2.53	122.90	27.05	Clear	No	

Screen Interval: 7 to 17

**Sampling Data**  
 Method: Low Flow Date: 07-17-2025 Time: 14:05 Purge Start Time: 12:55  
 Field Filtered: No Total Volume Purged (mL): 10500

**Field Parameters**

STABILIZED PARAMETERS	
pH	5.38
Spec. Cond. (µS/cm)	122.90
Turbidity (NTU)	2.53
Temp. (°C)	27.05
DO (mg/L)	0.11
ORP (mV)	77.50

Sample ID: CAP3Q25-PIW-7S-071725  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	90.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	6

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville

Well ID: PW-04

Well Diameter: 2 Inches

Samplers: GRANT WALLACE|SAIRA BOHAM

Event: Quarterly CAP

Project Manager: Tracy Ovbey

**Purging Data**

Pump Depth: --

Pump Loc: --

Method: Bailer Date: 07-15-2025 Time: 12:28

WATER VOLUME CALCULATION			
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot			
Water Volume =	0.422		
Initial Depth to Water (ft.):	28.15	Depth to Well Bottom (ft.):	30.79

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
12:40	28.15		0.00	3.15	4.97	381.90	4.17	412.80	21.40	Clear	No	Total volume = 2010 ml
10:20	28.17		0.00	4.04	0.00	299.40	4.70	947.20	25.24	Clear	No	Total volume = 3520mL
15:43	28.18		0.00	3.75	3.45	355.10	6.76	656.10	23.18	Clear	No	Total volume = 1950 mL
09:55	28.15		0.00	3.247	3.93	338.00	19.43	501.30	22.87	Clear	No	Total volume = 960mL

Screen Interval: 56 - 66

**Sampling Data**

Method: Five Well Volume

Date: 07-17-2025 Time: 09:55

Purge Start Time: 12:40

Field Filtered: No

Total Volume Purged (mL): 8440

**Field Parameters**

STABILIZED PARAMETERS	
pH	3.25
Spec. Cond.(µS/cm)	501.30
Turbidity (NTU)	19.43
Temp.(°C)	22.87
DO (mg/L)	3.93
ORP (mV)	338.00

Sample ID: CAP3Q25-PW-04-071725  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	87.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	5

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville

Well ID: PW-06

Well Diameter: 2 Inches

Samplers: GRANT WALLACE|ZACHARY TOMEK

Event: Quarterly CAP

Project Manager: Tracy Ovbey

**Purging Data**

Pump Depth: 24

Pump Loc: within screen

Method: Peristaltic Pump

Date: 07-18-2025

Time: 10:28

**WATER VOLUME CALCULATION**

= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot

Water Volume =	1.997
Initial Depth to Water (ft.):	20.42
Depth to Well Bottom (ft.):	32.9

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
10:45	21.32	260.00	1300.00	4.456	8.34	220.10	8.88	44.86	23.28	Clear	No	Hunting tree stand found right before approaching well, security made known
10:50	21.42	260.00	1300.00	4.266	8.02	240.20	7.19	46.61	22.92	Clear	No	
10:55	21.48	260.00	1300.00	4.239	7.50	262.00	6.10	49.52	23.05	Clear	No	
11:00	21.48	260.00	1300.00	4.295	7.23	275.50	6.88	50.85	23.09	Clear	No	
11:05	21.48	260.00	1300.00	4.362	7.01	289.20	4.79	51.63	22.98	Clear	No	
11:10	21.48	260.00	1300.00	4.375	6.90	299.20	4.58	51.89	23.18	Clear	No	Hinge on well broken

Screen Interval: 35 - 45

**Sampling Data**

Method: Low Flow

Date: 07-18-2025 Time: 11:10

Purge Start Time: 10:40

Field Filtered: No

Total Volume Purged (mL): 7800

**Field Parameters**

STABILIZED PARAMETERS	
pH	4.38
Spec. Cond. (µS/cm)	51.89
Turbidity (NTU)	4.58
Temp. (°C)	23.18
DO (mg/L)	6.90
ORP (mV)	299.20

Sample ID: CAP3Q25-PW-06-071825  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	95.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	8

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville

Well ID: PW-07

Well Diameter: 2 Inches

Samplers: GRANT WALLACE|SAIRA BOHAM

Event: Quarterly CAP

Project Manager: Tracy Ovbey

**Purging Data**

Pump Depth: --

Pump Loc: --

Method: Bailer Date: 07-15-2025 Time: 11:40

WATER VOLUME CALCULATION			
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot			
Water Volume =	0.587		
Initial Depth to Water (ft.):	39.08	Depth to Well Bottom (ft.):	42.75

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
11:45	39.08		0.00	5.01	8.91	223.40	3.88	34.90	21.20	Clear	No	Total volume = 4080 ml
16:32	39.66		0.00	4.9	8.89	208.70	40.70	32.90	20.60	Clear	No	Total volume = 2720 ml
09:45	39.15		0.00	5.68	8.42	141.30	24.30	86.91	23.02	Clear	No	Total volume =2990 ml
16:48	39.41		0.00	5.28	8.97	177.20	12.70	37.08	22.13	Clear	No	Total volume =2000 ml

Screen Interval: 90-100

**Sampling Data**

Method: Five Well Volume  
Field Filtered: No

Date: 07-16-2025 Time: 16:48

Purge Start Time: 11:45  
Total Volume Purged (mL): 11790

**Field Parameters**

STABILIZED PARAMETERS	
pH	5.28
Spec. Cond.(µS/cm)	37.08
Turbidity (NTU)	12.70
Temp.(°C)	22.13
DO (mg/L)	8.97
ORP (mV)	177.20

Sample ID: CAP3Q25-PW-07-071625  
DuplicateID: --  
QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	86.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	6

### RECORD OF WELL SAMPLING

Site Name: Chemours Fayetteville  
 Samplers: KAYTLYN MARINGER|SAIRA BOHAM

Well ID: PW-09  
 Event: Quarterly CAP

Well Diameter: 2 Inches  
 Project Manager: Tracy Ovbey

**Purging Data**  
 Pump Depth: 52  
 Pump Loc: within screen  
 Method: Double valve pump Date: 07-09-2025 Time: 9:42

WATER VOLUME CALCULATION			
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot			
Water Volume =	5.179		
Initial Depth to Water (ft.):	25.29	Depth to Well Bottom (ft.):	57.66

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
10:10	27.06	220.00	1100.00	9.48	6.71	76.30	23.90	130.30	20.10	Clear	No	
10:15	27.51	220.00	1100.00	9.5	6.25	82.20	21.60	136.60	20.40	Clear	No	
10:20	28.10	220.00	1100.00	10.17	4.34	43.90	22.10	183.10	20.20	Clear	No	
10:25	28.48	220.00	1100.00	10.94	2.54	11.90	27.20	298.80	20.40	Clear with particles	No	
10:30	28.66	220.00	1100.00	11.16	1.35	-7.30	24.50	400.80	20.20	Clear with particles	No	
10:35	28.81	220.00	1100.00	10.29	0.78	-14.40	44.60	181.00	20.20	Clear with particles	No	
10:40	28.82	220.00	1100.00	10.01	0.53	-34.00	47.10	161.50	20.10	Clear with particles	No	
10:45	28.91	220.00	1100.00	9.74	0.41	-57.60	49.30	146.30	20.20	Clear with particles	No	
10:50	28.95	220.00	1100.00	9.62	0.31	-82.70	46.20	141.60	20.60	Clear with particles	No	
10:55	29.95	220.00	1100.00	9.38	0.25	-104.00	42.10	130.50	20.40	Clear with particles	No	
11:00	29.98	220.00	1100.00	9.13	0.18	-127.30	42.20	123.20	20.30	Clear with particles	No	
11:05	28.98	220.00	1100.00	8.64	0.12	-191.80	42.10	115.40	20.40	Clear with particles	No	
11:10	29.04	220.00	1100.00	8.13	0.51	-166.90	40.20	110.90	20.50	Clear with particles	No	
11:15	29.00	220.00	1100.00	7.73	0.20	-166.50	39.60	108.00	20.30	Clear with particles	No	
11:20	28.95	220.00	1100.00	7.48	0.12	-152.10	39.20	106.60	20.20	Clear with particles	No	
11:25	28.96	300.00	1500.00	7.19	0.89	-114.70	39.00	103.60	20.00	Clear with particles	No	
11:30	29.56	300.00	1500.00	7.22	1.30	-107.20	35.40	103.70	19.40	Clear with particles	No	
11:35	29.74	300.00	1500.00	7.04	0.96	-94.20	36.20	99.70	19.60	Clear with particles	No	
11:40	29.92	300.00	1500.00	6.97	0.58	-92.80	36.30	97.60	19.50	Clear with particles	No	
11:45	30.01	300.00	1500.00	6.92	0.44	-91.80	37.90	96.30	20.10	Clear with particles	No	
11:50	30.05	300.00	1500.00	6.82	0.30	-86.80	39.70	92.70	19.90	Clear with particles	No	
11:55	30.13	300.00	1500.00	6.74	0.18	-82.90	38.60	90.30	19.90	Clear with particles	No	
12:00	30.15	300.00	1500.00	6.72	0.14	-81.80	37.90	89.20	20.20	Clear with particles	No	
12:05	30.15	300.00	1500.00	6.69	0.08	-81.30	37.90	88.00	19.90	Clear with particles	No	
12:10	30.15	300.00	1500.00	6.68	0.05	-81.00	37.60	87.10	19.80	Clear with particles	No	
12:15	30.10	300.00	1500.00	6.66	0.04	-81.30	37.30	86.70	19.70	Clear with particles	No	
12:20	30.10	300.00	1500.00	6.64	0.04	-80.50	36.90	85.80	20.10	Clear with particles	No	
12:25	30.10	300.00	1500.00	6.61	0.04	-80.00	35.30	84.70	20.10	Clear with particles	No	
12:30	30.10	300.00	1500.00	6.61	0.05	-79.90	35.70	84.70	19.90	Clear with particles	No	
12:35	30.10	300.00	1500.00	6.6	0.06	-80.40	34.20	84.40	20.10	Clear with particles	No	
12:40	30.10	300.00	1500.00	6.59	0.08	-80.10	33.90	84.10	20.30	Clear with particles	No	
12:45	30.10	300.00	1500.00	6.58	0.09	-80.20	34.50	83.90	20.00	Clear with particles	No	
12:50	30.10	300.00	1500.00	6.59	0.11	-81.60	35.40	83.60	20.10	Clear with particles	No	
12:55	30.10	300.00	1500.00	6.57	0.11	-81.10	34.40	82.90	20.40	Clear with particles	No	
13:00	30.10	300.00	1500.00	6.56	0.12	-80.80	34.40	82.60	20.30	Clear with particles	No	
13:05	30.10	300.00	1500.00	6.55	0.13	-80.80	32.60	82.40	20.20	Clear with particles	No	
13:10	30.10	300.00	1500.00	6.55	0.19	-80.90	32.90	82.50	20.60	Clear with particles	No	
13:15	30.10	300.00	1500.00	6.55	0.20	-80.90	32.90	82.40	19.90	Clear with particles	No	
13:20	30.10	300.00	1500.00	6.55	0.19	-81.50	32.50	82.40	20.60	Clear with particles	No	
13:25	30.10	300.00	1500.00	6.53	0.20	-80.90	32.40	81.50	19.90	Clear with particles	No	
13:30	30.10	300.00	1500.00	6.53	0.24	-80.80	31.80	81.70	20.90	Clear with particles	No	
13:35	30.10	300.00	1500.00	6.52	0.22	-81.00	31.80	81.30	21.10	Clear with particles	No	
13:40	30.10	300.00	1500.00	6.52	0.18	-81.80	31.50	81.20	21.00	Clear with particles	No	Part 1

Screen Interval: 44-54

**Sampling Data**

Method: Five Well Volume  
Field Filtered: Yes

Date: 07-09-2025 Time: --

Purge Start Time: 10:05  
Total Volume Purged (mL): 58500

**Field Parameters**

STABILIZED PARAMETERS	
pH	--
Spec. Cond. (µS/cm)	--
Turbidity (NTU)	--
Temp. (°C)	--
DO (mg/L)	--
ORP (mV)	--

Sample ID: CAP3Q25-PW-09-070925-Z  
DuplicateID: --  
QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	83.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	6

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville      Well ID: PW-09      Well Diameter: 2 Inches  
 Samplers: KAYTLYN MARINGER|SAIRA BOHAM      Event: Quarterly CAP      Project Manager: Tracy Ovbey

**Purging Data**  
 Pump Depth: 52  
 Pump Loc: within screen  
 Method: Double valve pump      Date: 07-09-2025      Time: 13:43

WATER VOLUME CALCULATION			
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot			
Water Volume =	5.179		
Initial Depth to Water (ft.):	25.29	Depth to Well Bottom (ft.):	57.66

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
13:45	30.10	300.00	66000.00	6.52	0.22	-81.80	30.70	81.10	21.10	Clear	No	Continued from 7/8
13:50	30.10	300.00	1500.00	6.51	0.21	-81.90	30.80	80.60	20.90	Clear	No	
13:55	30.10	300.00	1500.00	6.51	0.22	-81.50	30.10	80.30	20.10	Clear	No	
14:00	30.10	300.00	1500.00	6.5	0.21	-81.80	30.10	80.30	20.80	Clear	No	
14:05	30.10	300.00	1500.00	6.49	0.22	-81.70	30.20	80.10	29.90	Clear	No	
14:10	30.10	300.00	1500.00	6.49	0.19	-82.00	29.90	79.80	20.50	Clear	No	
14:15	30.10	300.00	1500.00	6.49	0.18	-82.90	30.00	79.70	20.60	Clear	No	
14:20	30.10	300.00	1500.00	6.49	0.17	-83.40	29.20	79.60	20.40	Clear	No	
14:25	30.10	300.00	1500.00	6.49	0.22	-82.40	28.80	79.60	20.30	Clear	No	
14:30	30.10	300.00	1500.00	6.48	0.17	-83.40	28.00	79.50	20.40	Clear	No	
14:35	30.10	300.00	1500.00	6.48	0.16	-83.80	28.00	79.20	19.90	Clear	No	
14:40	30.10	300.00	1500.00	6.47	0.15	-83.90	28.40	79.10	20.30	Clear	No	
14:45	30.10	300.00	1500.00	6.47	0.13	-85.00	27.30	79.00	20.10	Clear	No	
14:50	30.10	300.00	1500.00	6.46	0.12	-84.70	26.60	78.80	20.20	Clear	No	
14:55	30.10	300.00	1500.00	6.46	0.12	-85.10	26.60	78.60	20.20	Clear	No	
15:00	30.10	300.00	1500.00	6.46	0.13	-84.80	26.40	78.60	19.60	Clear	No	
15:05	30.10	300.00	1500.00	6.45	0.13	-84.70	26.10	78.30	19.70	Clear	No	
15:10	30.10	300.00	1500.00	6.45	0.13	-84.70	26.40	78.00	19.90	Clear	No	
15:15	30.10	300.00	1500.00	6.45	0.11	-85.40	25.70	78.20	20.10	Clear	No	
15:20	30.10	300.00	1500.00	6.45	0.10	-85.50	25.40	78.20	19.90	Clear	No	
15:25	30.10	300.00	1500.00	6.44	0.08	-86.20	25.70	77.90	19.80	Clear	No	
15:30	30.10	300.00	1500.00	6.44	0.07	-86.50	25.00	77.80	19.90	Clear	No	
15:35	30.10	300.00	1500.00	6.44	0.07	-86.60	24.60	77.70	19.70	Clear	No	
15:40	30.10	300.00	1500.00	6.44	0.08	-87.10	26.10	77.90	19.90	Clear	No	
15:45	30.10	300.00	1500.00	6.44	0.08	-87.10	25.00	77.70	19.90	Clear	No	
15:50	30.10	300.00	1500.00	6.43	0.08	-86.80	24.90	77.50	19.70	Clear	No	

Screen Interval: 44-54

**Sampling Data**  
 Method: Five Well Volume      Date: 07-09-2025      Time: 15:50      Purge Start Time: 10:05  
 Field Filtered: Yes      Total Volume Purged (mL): 103500

**Field Parameters**

STABILIZED PARAMETERS	
pH	6.43
Spec. Cond. (µS/cm)	77.50
Turbidity (NTU)	24.90
Temp. (°C)	19.70
DO (mg/L)	0.08
ORP (mV)	-86.80

Sample ID: CAP3Q25-PW-09-070925-Z  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	83.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	6

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville

Well ID: PZ-22

Well Diameter: .75 Inches

Samplers: BRANDON WEIDNER|DEBORAH AYERS

Event: Quarterly CAP

Project Manager: Tracy Ovbey

**Purging Data**

Pump Depth: 48

Pump Loc: within screen

Method: Peristaltic Pump Date: 07-29-2025 Time: 12:22

**WATER VOLUME CALCULATION**

= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot

Water Volume =	0.357		
Initial Depth to Water (ft.):	11.04	Depth to Well Bottom (ft.):	50.74

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
12:40		280.00	1400.00	4.864	0.22	156.60	346.00	107.00	22.50	Cloudy	No	Can not measure DTW due to well diameter
12:45		280.00	1400.00	4.664	0.14	155.90	63.00	107.50	22.23	Hazy	No	
12:50		280.00	1400.00	4.213	0.12	176.00	31.60	108.40	22.38	Hazy	No	
12:55		280.00	1400.00	4.044	0.10	180.90	22.30	109.40	22.33	Clear	No	
13:00		280.00	1400.00	3.954	0.09	183.60	18.83	109.70	21.93	Clear	No	
13:05		280.00	1400.00	3.862	0.08	186.90	12.10	109.80	22.28	Clear	No	
13:10		280.00	1400.00	3.817	0.07	186.50	8.29	110.10	22.36	Clear	No	
13:15		280.00	1400.00	3.782	0.07	189.00	9.12	110.40	22.52	Clear	No	

Screen Interval: 42.5 - 47.5

**Sampling Data**

Method: Low Flow

Date: 07-29-2025 Time: 13:15

Purge Start Time: 12:35

Field Filtered: No

Total Volume Purged (mL): 11200

**Field Parameters**

STABILIZED PARAMETERS	
pH	3.78
Spec. Cond. (µS/cm)	110.40
Turbidity (NTU)	9.12
Temp. (°C)	22.52
DO (mg/L)	0.07
ORP (mV)	189.00

Sample ID: CAP3Q25-PZ-22-072925  
 Duplicate ID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	90.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	3

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville Well ID: SMW-10 Well Diameter: 2 Inches  
 Samplers: GRANT WALLACE|SAIRA BOHAM Event: Quarterly CAP Project Manager: Tracy Ovbey

**Purging Data**  
 Pump Depth: 47  
 Pump Loc: within screen  
 Method: Peristaltic Pump Date: 07-11-2025 Time: 10:14

WATER VOLUME CALCULATION			
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot			
Water Volume =	3.578		
Initial Depth to Water (ft.):	29.7	Depth to Well Bottom (ft.):	52.06

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
10:30	29.70	200.00	1000.00	5.22	6.66	214.10	17.59	86.10	19.90	Clear	No	
10:35	29.70	200.00	1000.00	5.15	6.01	180.40	19.79	86.10	20.00	Clear	No	
10:40	29.70	200.00	1000.00	5.21	2.50	63.30	16.90	88.10	19.80	Clear	No	
10:45	29.70	200.00	1000.00	5.21	1.75	18.70	13.64	88.50	19.90	Clear	No	
10:50	29.70	200.00	1000.00	5.21	1.54	4.70	11.05	88.60	19.90	Clear	No	
10:55	29.70	200.00	1000.00	5.22	0.79	-10.00	12.80	89.00	19.90	Clear	No	
11:00	29.70	200.00	1000.00	5.22	0.57	-16.70	9.52	89.30	19.90	Clear	No	
11:05	29.70	200.00	1000.00	5.21	0.53	-19.90	9.33	89.20	19.70	Clear	No	
11:10	29.70	200.00	1000.00	5.21	0.64	-20.90	9.98	89.20	19.80	Clear	No	
11:15	29.70	200.00	1000.00	5.21	0.54	-23.40	8.61	89.10	20.10	Clear	No	
11:20	29.70	200.00	1000.00	5.22	0.34	-28.40	7.86	89.50	20.00	Clear	No	
11:25	29.70	200.00	1000.00	5.22	0.30	-31.70	7.85	89.40	20.10	Clear	No	
11:30	29.70	200.00	1000.00	5.21	0.36	-31.80	8.93	89.40	20.30	Clear	No	
11:35	29.70	200.00	1000.00	5.22	0.25	-36.40	11.71	89.40	20.40	Clear	No	
11:40	29.70	200.00	1000.00	5.22	0.24	-39.10	7.31	89.80	20.10	Clear	No	
11:45	29.70	200.00	1000.00	5.22	0.24	-39.12	7.33	89.40	20.20	Clear	No	

Screen Interval: 39 - 49

**Sampling Data**  
 Method: Low Flow Date: 07-11-2025 Time: 11:45 Purge Start Time: 10:25  
 Field Filtered: No Total Volume Purged (mL): 16000

**Field Parameters**

STABILIZED PARAMETERS	
pH	5.22
Spec. Cond.(µS/cm)	89.40
Turbidity (NTU)	7.33
Temp.(°C)	20.20
DO (mg/L)	0.24
ORP (mV)	-39.12

Sample ID: CAP3Q25-SMW-10-071125  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	77.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	4

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville Well ID: SMW-11 Well Diameter: 2 Inches  
 Samplers: BRANDON WEIDNER|GRANT WALLACE Event: Quarterly CAP Project Manager: Tracy Ovbey

**Purging Data**  
 Pump Depth: 20.5  
 Pump Loc: within screen  
 Method: Peristaltic Pump Date: 07-10-2025 Time: 15:35

WATER VOLUME CALCULATION			
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot			
Water Volume =	1.59		
Initial Depth to Water (ft.):	15.83	Depth to Well Bottom (ft.):	25.77

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
15:55	15.86	200.00	2000.00	4.09	6.06	403.70	73.50	56.80	21.00	Hazy	No	
16:00	15.86	200.00	1000.00	4.1	5.50	414.20	43.20	56.20	20.70	Hazy	No	
16:05	15.86	200.00	1000.00	4.08	4.40	420.60	18.57	57.80	20.70	Clear	No	
16:10	15.86	200.00	1000.00	4.07	4.19	423.50	9.23	58.20	20.60	Clear	No	
16:15	15.86	200.00	1000.00	4.07	3.93	426.50	2.82	59.00	20.50	Clear	No	
16:20	15.86	200.00	800.00	4.07	3.93	426.00	1.33	58.60	20.80	Clear	No	

Screen Interval: 13 - 23

**Sampling Data**  
 Method: Low Flow Date: 07-10-2025 Time: 16:20 Purge Start Time: 15:45  
 Field Filtered: No Total Volume Purged (mL): 6800

**Field Parameters**

STABILIZED PARAMETERS	
pH	4.07
Spec. Cond.(µS/cm)	58.60
Turbidity (NTU)	1.33
Temp.(°C)	20.80
DO (mg/L)	3.93
ORP (mV)	426.00

Sample ID: CAP3Q25-SMW-11-071025  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	83.00
Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	5

**RECORD OF WELL SAMPLING**

Site Name: Chemours Fayetteville  
 Samplers: BRANDON WEIDNER|BROCK SHATTUCK

Well ID: SMW-12  
 Event: Quarterly CAP

Well Diameter: 2 Inches  
 Project Manager: Tracy Ovbey

**Purging Data**  
 Pump Depth: 95  
 Pump Loc: within screen  
 Method: Double valve pump Date: 07-17-2025 Time: 12:12

WATER VOLUME CALCULATION			
= (Total Depth of Well - Depth To Water ) x Casing Volume per Foot			
Water Volume =	2.106		
Initial Depth to Water (ft.):	88.84	Depth to Well Bottom (ft.):	102

Time	DTW	Pump Rate	Vol.	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	Comments
24 hr	ft	mL/min	mL	pH units	mg/L	mV	NTU	µS/cm	°C			
12:30	88.90	240.00	1200.00	3.83	4.84	289.50	6.57	142.90	24.40	Clear	No	
12:35	88.92	240.00	1200.00	3.76	1.38	217.00	15.00	161.70	22.60	Clear	No	
12:40	88.90	240.00	1200.00	3.74	0.38	158.30	16.50	162.40	20.80	Clear	No	
12:45	88.90	240.00	1200.00	3.74	0.33	127.40	14.80	162.50	20.90	Clear	No	
12:50	88.90	240.00	1200.00	3.73	0.35	118.00	10.80	162.70	20.40	Clear	No	
12:55	88.90	240.00	1200.00	3.73	0.40	115.10	7.29	161.90	20.50	Clear	No	
13:00	88.90	240.00	1200.00	3.74	0.42	112.30	5.63	161.20	20.70	Clear	No	
13:05	88.90	240.00	1200.00	3.73	0.43	113.10	4.76	160.50	20.60	Clear	No	

Screen Interval: 88 - 98

**Sampling Data**  
 Method: Low Flow Date: 07-17-2025 Time: 13:05  
 Field Filtered: No Purge Start Time: 12:25  
 Total Volume Purged (mL): 9600

**Field Parameters**

STABILIZED PARAMETERS	
pH	3.73
Spec. Cond.(µS/cm)	160.50
Turbidity (NTU)	4.76
Temp.(°C)	20.60
DO (mg/L)	0.43
ORP (mV)	113.10

Sample ID: CAP3Q25-SMW-12-071725  
 DuplicateID: --  
 QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	88.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	11

**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-070325	07-03-2025	23:01	07-03-2025	10:42	7.34	6.26	44.60	24.60	165.00	28.17	Clear	No	--

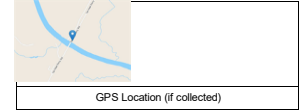
**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

Temperature (F):	82.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	8

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-18-070725	07-07-2025	17:01	07-07-2025	14:15	7.06	6.94	134.80	171.00	255.50	30.45	Hazy	No	--

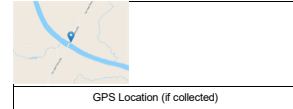
**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

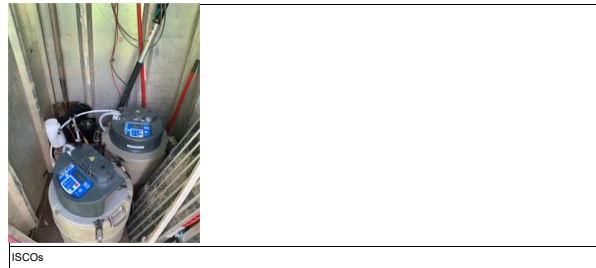
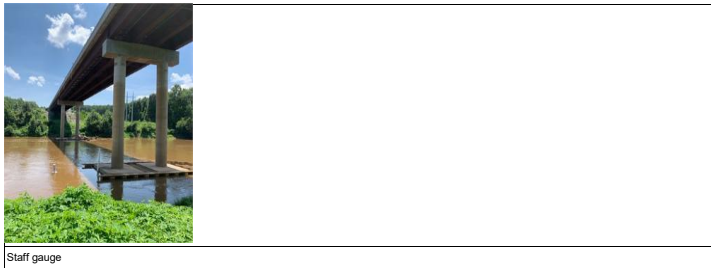
Temperature (F):	90.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	12

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

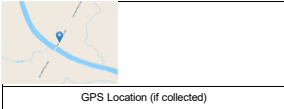
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-070825	07-08-2025	15:00	07-08-2025	15:30	7.77	6.64	-89.80	273.80	146.80	27.21	Murky	None	--

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

WEATHER CONDITIONS	
Temperature (F):	92.00
Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	7

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:

**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-071525	07-11-2025	10:40	07-11-2025	10:40	7.08	6.98	105.10	63.20	81.55	28.00	Cloudy	No	--

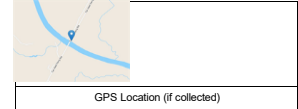
**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

Temperature (F):	82.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	6

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:

**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

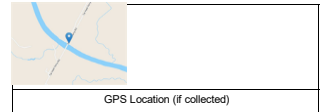
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-071525	07-15-2025	11:25	07-15-2025	11:25	7.47	7.37	59.40	94.40	245.40	30.58	Clear with particulates	No	-

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

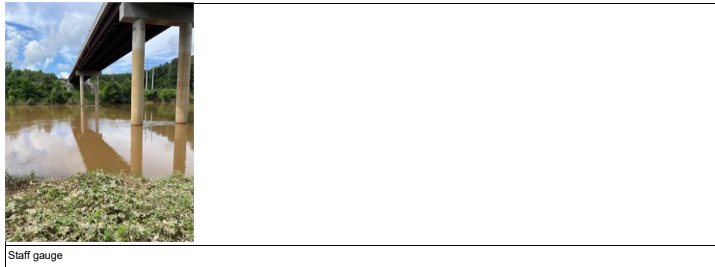
WEATHER CONDITIONS	
Temperature (F):	86.00
Sky:	Partly Sunny
Precipitation:	None
Wind (mph)	5

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

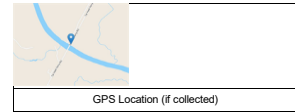
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-071725	07-17-2025	23:01	07-17-2025	16:10	6.18	7.67	190.40	122.00	80.50	28.30	Clear with particulates	No	--

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

WEATHER CONDITIONS	
Temperature (F):	90.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	14

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-072225	07-22-2025	23:01	07-22-2025	14:10	7.05	7.51	168.20	65.20	117.30	29.86	Hazy with particulates	No	DUP MS MSD

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

WEATHER CONDITIONS	
Temperature (F):	89.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	8

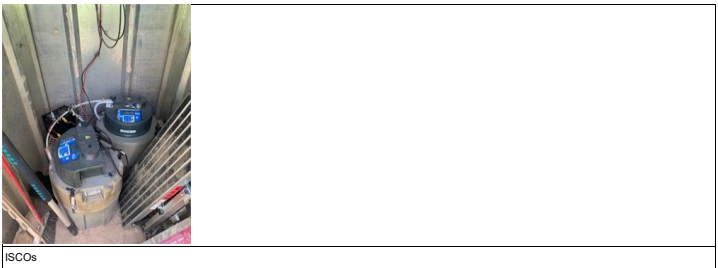
Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



GPS Location (if collected)

General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

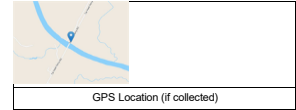
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-072425	07-24-2025	23:01	07-24-2025	14:43	7.15	6.89	145.90	65.50	114.20	31.23	Clear with particles	No	--

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

WEATHER CONDITIONS	
Temperature (F):	90.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	6

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



Cape Fear River



ISCO shed

**SURFACE WATER SAMPLING RECORD**

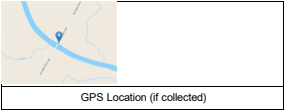
Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-072925	07-29-2025	23:01	07-29-2025	09:20	6.78	7.09	200.50	21.90	110.40	28.10	Clear	No	--

**Sampling Data**  
 Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

WEATHER CONDITIONS	
Temperature (F):	82.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	4

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

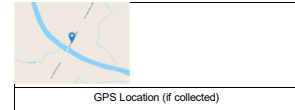
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-073125	07-31-2025	23:01	07-31-2025	17:08	7.12	6.43	142.30	25.90	110.10	31.96	Clear with particulates	No	--

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

WEATHER CONDITIONS	
Temperature (F):	92.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	12

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

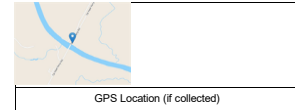
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-17-080425	08-04-2025	16:01	08-04-2025	10:50	6.70	6.98	182.60	23.70	133.20	25.87	Clear with particulates	No	--

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

WEATHER CONDITIONS	
Temperature (F):	75.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	9

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-080825	08-08-2025	23:01	--	--	--	--	--	--	--	--	--	--	--

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

Temperature (F):	--
Sky:	--
Precipitation:	--
Wind (mph)	--

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):

GPS Location (if collected)

General Comment:

Sampling Comments:

**SURFACE WATER SAMPLING RECORD**

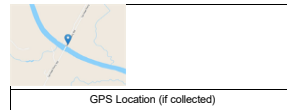
Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-081125	08-11-2025	23:49	08-11-2025	12:30	7.19	7.22	171.90	125.00	143.90	29.64	Clear with particulates	No	--

**Sampling Data**  
 Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

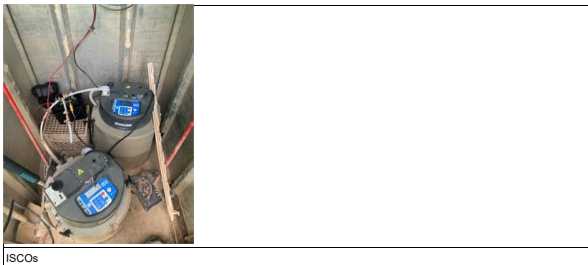
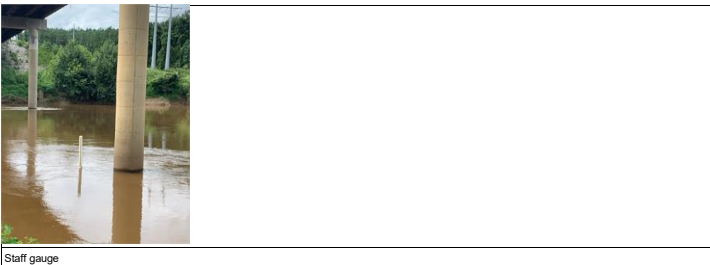
WEATHER CONDITIONS	
Temperature (F):	84.00
Sky:	Partly Sunny
Precipitation:	None
Wind (mph)	5

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-10-081425	08-14-2025	09:01	08-14-2025	09:58	7.19	6.72	178.80	70.10	175.40	27.29	Cloudy	No	--

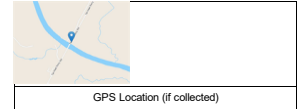
**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

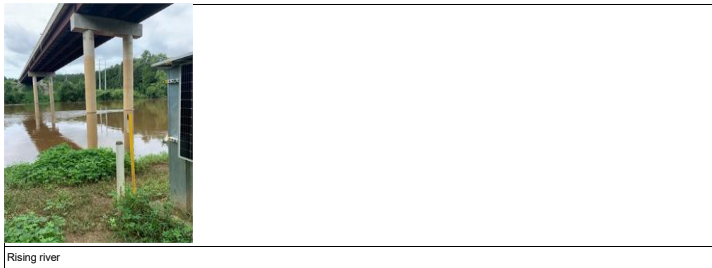
Temperature (F):	84.00
Sky:	Partly Sunny
Precipitation:	None
Wind (mph)	3

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

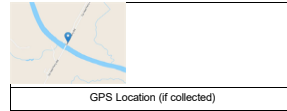
Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-081925	08-19-2025	23:01	08-19-2025	13:01	6.31	6.68	93.40	46.50	102.20	27.50	Clear with particulates	No	DUP[M]S[M] SD

**Sampling Data**  
 Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

WEATHER CONDITIONS	
Temperature (F):	77.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	0

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

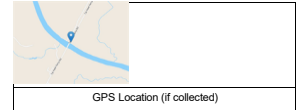
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-082225	08-22-2025	23:01	08-22-2025	09:08	6.23	7.16	108.30	26.90	114.00	26.45	Clear with particulates	No	-

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

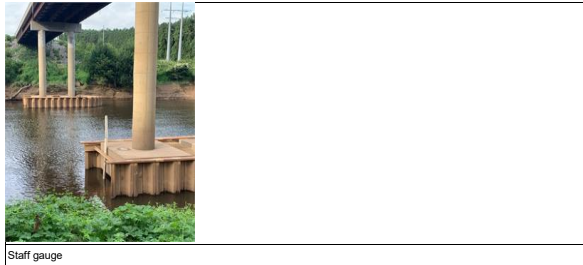
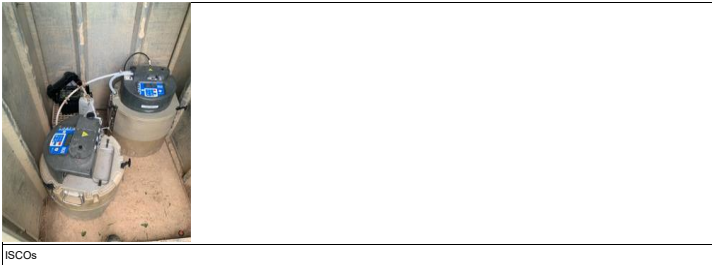
WEATHER CONDITIONS	
Temperature (F):	76.00
Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	10

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

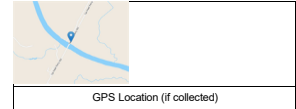
Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-082525	08-25-2025	23:01	08-25-2025	10:22	6.88	7.19	164.90	30.10	98.70	27.20	Clear	No	

**Sampling Data**  
 Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

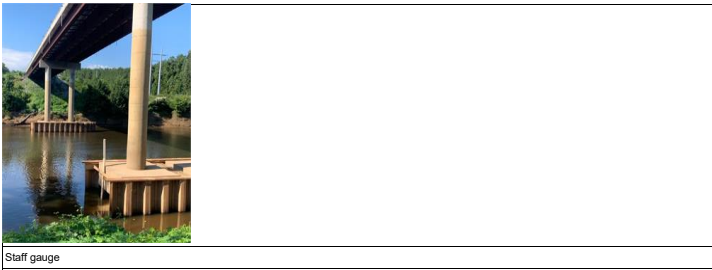
WEATHER CONDITIONS	
Temperature (F):	81.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	3

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-082825	08-28-2025	23:01	08-28-2025	11:45	6.06	7.08	105.40	20.30	693.60	27.65	Clear	No	-

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

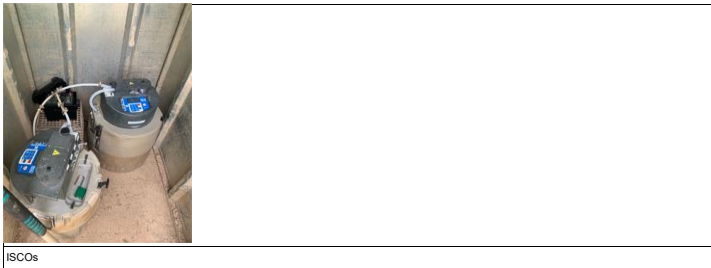
Temperature (F):	78.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	6

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-090225	9/2/2025	13:20	09-02-2025	13:20	6.93	8.12	125.90	20.80	192.60	22.38	Clear	No	--

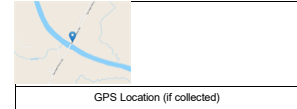
**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

Temperature (F):	69.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	10

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

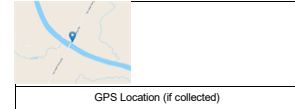
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-090525	09-05-2025	23:01	09-05-2025	12:38	6.89	6.93	153.60	18.23	178.80	29.69	Clear	No	--

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

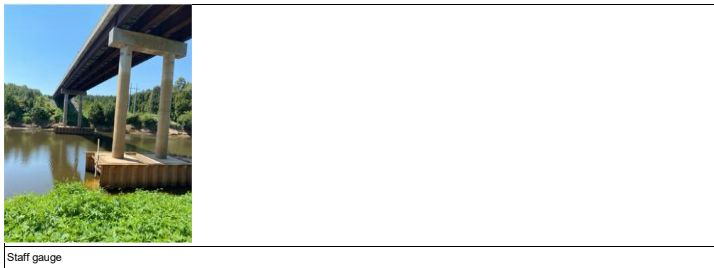
WEATHER CONDITIONS	
Temperature (F):	87.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	7

Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name: Chemours Fayetteville	Location ID: CFR-TARHEEL	Project Manager: Tracy Ovbey
Samplers: DEBORAH AYERSJ	Sampling Event: Weekly River	Event Type: Sampling
Date: 09-09-2025	Time: 14:09	

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-090925	09-09-2025	23:01	09-09-2025	14:10	7.68	7.59	96.00	10.50	214.20	28.45	Clear	No	DUP/MS/MSD

**Sampling Data**

Sampling Method: ISCO Composite	Multi Meter Used: Insitu Aqua Troll
ISCO Start Date and Time: 09-09-2025 00:01	Multi Meter ID: 1172835
ISCO End Date and Time: 09-09-2025 23:01	

WEATHER CONDITIONS	
Temperature (F):	3/15/1900 0:00
Sky:	Sunny
Precipitation:	None
Wind (mph)	13

Latitude:	34.7451487461713
Longitude:	-78.78513277853908
Staff Gauge Water Level Reading (ft):	0.8
Temperature Reading (degrees C):	31
Rain Reading (mm)	0



General Comment:	Checked DEQ and regular ISCO; no errors; battery at 13.08v
------------------	--

Sampling Comments:	
--------------------	--



ISCOS



Staff gauge

**SURFACE WATER SAMPLING RECORD**

Site Name: Chemours Fayetteville      Location ID: CFR-TARHEEL      Project Manager: Tracy Ovbey  
 Samplers: DEBORAH AYERSI      Sampling Event: Weekly Rver      Event Type: Sampling  
 Date: 09-11-2025      Time: 13:15

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-091125	09-11-2025	23:01	09-11-2025	13:22	7.16	7.75	85.10	31.00	153.20	23.68	Clear with particles	No odor	--

**Sampling Data**  
 Sampling Method: ISCO Composite      Multi Meter Used: Insitu Aqua Troll  
 ISCO Start Date and Time: 09-11-2025 00:01      Multi Meter ID: 1172834  
 ISCO End Date and Time: 09-11-2025 23:01

WEATHER CONDITIONS	
Temperature (F):	71
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	10

Latitude: 34.74512094307273  
 Longitude: -78.78523730920769  
 Staff Gauge Water Level Reading (ft): 0.7  
 Temperature Reading (degrees C): 24  
 Rain Reading (mm): 0



General Comment: Collect CFR-TARHEEL-24-090825, CFR-TARHEEL-24-090825, and CFR-TARHEEL-24-091025; no errors; DEQ picked up yesterday

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-091525	09-15-2025	23:01	09-15-2025	13:04	6.89	7.20	72.50	20.30	176.10	26.48	Clear	No	--

**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

Temperature (F):	80.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	10

Latitude:   
 Longitude:

Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name: Chemours Fayetteville      Location ID: CFR-TARHEEL      Project Manager: Tracy Ovbey  
 Samplers: DEBORAH AYERS|KEN STUART|SAIRA BOHAM      Sampling Event: Weekly River      Event Type: Sampling  
 Date: 09-18-2025      Time: 12:08

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-091825	09-18-2025	23:01	09-18-2025	12:24	7.71	6.31	106.00	14.13	321.40	30.07	Clear	No	--

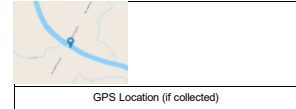
**Sampling Data**

Sampling Method: ISCO Composite      Multi Meter Used: Insitu Aqua Troll  
 ISCO Start Date and Time: 09-18-2025 00:01      Multi Meter ID: 1172834  
 ISCO End Date and Time: 09-18-2025 23:01

**WEATHER CONDITIONS**

Temperature (F):	81.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	5

Latitude: 34.7448747695198  
 Longitude: -78.7851911368085  
 Staff Gauge Water Level Reading (ft): 0  
 Temperature Reading (degrees C): 36  
 Rain Reading (mm): 0.4



General Comment: Collected CFR-TARHEEL-24-091525, CFR-TARHEEL-24-091625 and CFR-TARHEEL-24-091725; no errors

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name: Chemours Fayetteville      Location ID: CFR-TARHEEL      Project Manager: Tracy Ovbey  
 Samplers: DEBORAH AYERS|KEN STUART|SAIRA BOHAM      Sampling Event: Weekly River      Event Type: Sampling  
 Date: 09-22-2025      Time: 15:26

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-24-092225	09-22-2025	23:01	09-22-2025	15:32	7.04	7.91	122.90	11.01	175.20	28.11	Clear	No	--

**Sampling Data**

Sampling Method: ISCO Composite      Multi Meter Used: In Situ Aqua Troll  
 ISCO Start Date and Time: 09-22-2025 00:01      Multi Meter ID: 1172835  
 ISCO End Date and Time: 09-22-2025 23:01

**WEATHER CONDITIONS**

Temperature (F):	83.0
Sky:	Sunny
Precipitation:	None
Wind (mph)	6

Latitude: 34.7459663061246  
 Longitude: -78.7851480778208  
 Staff Gauge Water Level Reading (ft): 0.4  
 Temperature Reading (degrees C): 31  
 Rain Reading (mm): 0



General Comment: CFR-TARHEEL-24-091825, CFR-TARHEEL-24-091925, CFR-TARHEEL-24-092025 and CFR-TARHEEL-24-092125: No errors

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-15-092525	09-25-2025	23:01	09-25-2025	13:48	6.91	7.27	106.60	6.39	226.80	30.09	Clear	No	--


**Sampling Data**

Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

Temperature (F):	91.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	7

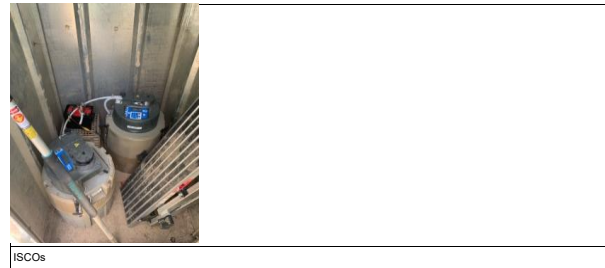
Latitude:   
 Longitude:   
 Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



GPS Location (if collected)

General Comment:

Sampling Comments:



**SURFACE WATER SAMPLING RECORD**

Site Name:  Location ID:  Project Manager:   
 Samplers:  Sampling Event:  Event Type:   
 Date:  Time:

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time									
CFR-TARHEEL-092925	09-29-2025	10:27	09-29-2025	10:27	6.97	7.32	96.20	5.03	204.60	24.62	Clear	No	--

**Sampling Data**

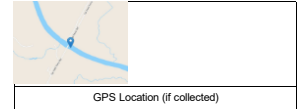
Sampling Method:  Multi Meter Used:   
 ISCO Start Date and Time:  Multi Meter ID:   
 ISCO End Date and Time:

**WEATHER CONDITIONS**

Temperature (F):	73.0
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	8

Latitude:   
 Longitude:

Staff Gauge Water Level Reading (ft):   
 Temperature Reading (degrees C):   
 Rain Reading (mm):



General Comment:

Sampling Comments:



# Appendix D: Laboratory Reports and DVM Narratives



## **ADQM Data Review**

**Site:** Chemours Fayetteville

**Project:** Tarheel Sampling 3Q25

**Project Reviewer:** Michael Aucoin



### Sample Summary

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
CFR-TARHEEL-24-070325	320-123374-2	Surface Water	N	07/03/2025	23:01	FS
CFR-TARHEEL-070825	320-123460-1	Surface Water	N	07/08/2025	15:00	FS
CFR-TARHEEL-18-070725	320-123460-2	Surface Water	N	07/07/2025	17:01	FS
CFR-TARHEEL-071125	320-123460-3	Surface Water	N	07/11/2025	10:40	FS
CFR-TARHEEL-24-071525	320-123670-1	Surface Water	N	07/15/2025	23:01	FS
CFR-TARHEEL-24-071725	320-123670-2	Surface Water	N	07/17/2025	23:01	FS
CFR-TARHEEL-24-072225	320-123896-1	Surface Water	N	07/22/2025	23:01	FS
CFR-TARHEEL-24-072225-D	320-123896-2	Surface Water	N	07/22/2025	23:01	DUP
CFR-TARHEEL-24-072425	320-123896-3	Surface Water	N	07/24/2025	23:01	FS
CFR-TARHEEL-24-072925	320-124041-1	Surface Water	N	07/29/2025	23:01	FS
CFR-TARHEEL-24-073125	320-124041-2	Surface Water	N	07/31/2025	23:01	FS
CFR-TARHEEL-17-080425	320-124235-1	Surface Water	N	08/04/2025	16:01	FS
CFR-TARHEEL-24-080825	320-124235-2	Surface Water	N	08/08/2025	23:01	FS
CFR-TARHEEL-24-081125	320-124394-1	Surface Water	N	08/11/2025	23:01	FS
CFR-TARHEEL-10-081425	320-124394-2	Surface Water	N	08/14/2025	09:01	FS
CFR-TARHEEL-24-081925	320-124610-1	Surface Water	N	08/19/2025	23:01	FS
CFR-TARHEEL-24-081925-D	320-124610-2	Surface Water	N	08/19/2025	23:01	DUP
CFR-TARHEEL-24-082225	320-124610-3	Surface Water	N	08/22/2025	23:01	FS
CFR-TARHEEL-24-082525	320-124796-1	Surface Water	N	08/25/2025	23:01	FS
CFR-TARHEEL-24-082825	320-124796-2	Surface Water	N	08/28/2025	23:01	FS
CFR-TARHEEL-090225	320-125029-1	Surface Water	N	09/02/2025	13:20	FS
CFR-TARHEEL-24-090525	320-125029-2	Surface Water	N	09/05/2025	23:01	FS
CFR-TARHEEL-24-090925	320-125207-1	Surface Water	N	09/09/2025	23:01	FS
CFR-TARHEEL-24-090925-D	320-125207-2	Surface Water	N	09/09/2025	23:01	DUP



CFR-TARHEEL-24-091125	320-125207-3	Surface Water	N	09/11/2025	23:01	FS
CFR-TARHEEL-24-091525	320-125557-1	Surface Water	N	09/15/2025	23:01	FS
CFR-TARHEEL-24-091825	320-125557-2	Surface Water	N	09/18/2025	23:01	FS
CFR-TARHEEL-24-092225	320-125854-1	Surface Water	N	09/22/2025	23:01	FS
CFR-TARHEEL-15-092525	320-125854-2	Surface Water	N	09/25/2025	14:01	FS
CFR-TARHEEL-092925	320-125984-1	Surface Water	N	09/29/2025	10:27	FS

\* FS=Field Sample  
DUP=Field Duplicate  
FB=Field Blank  
EB=Equipment Blank  
TB=Trip Blank



## Analytical Protocol

<b>Lab Name</b>	<b>Lab Method</b>	<b>Parameter Category</b>	<b>Sampling Program</b>
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	2025 Tarheel Sampling



### ADQM Data Review Checklist

Item	Description	Yes	No*	DVM Narrative Report	Laboratory Report	Exception Report (ER) #
A	Did samples meet laboratory acceptability requirements upon receipt (i.e., intact, within temperature, properly preserved, and no headspace where applicable)?	X				
B	Were samples received by the laboratory in agreement with the associated chain of custody?	X				
C	Was the chain of custody properly completed by the laboratory and/or field team?	X				
D	Were samples prepped/analyzed by the laboratory within method holding times?	X				
E	Were data review criteria met for method blanks, LCSs/LCSDs, MSs/MSDs, PDSs, SDs, replicates, surrogates, sample results within calibration range, total/dissolved samples, field duplicates, field/equipment/trip blanks?		X	X	X	
F	Temperature upon laboratory receipt meets range not frozen to 6 C (manual check)?	X				
G	Were all data usable and not R qualified?	X				
<b>ER#</b>	<b>Description</b>					
<b>Other QA/QC Items to Note:</b>						

\* See DVM Narrative Report, Laboratory Report, and/or ER # for further details as indicated.

The electronic data submitted for this project were reviewed via the Data Verification Module (DVM) process. Overall, the data are acceptable for use without qualification, except as noted on the attached DVM Narrative Report.

The lab reports due to a large page count are stored on a network shared drive and are available to be posted on external shared drives, or on a flash drive.



## Data Verification Module (DVM)

The DVM is an internal review process used by the ADQM group to assist with the determination of data usability. The electronic data deliverables received from the laboratory are loaded into the Locus EIM™ database and processed through a series of data quality checks, which are a combination of software, Locus EIM™ database Data Verification Module (DVM), and manual reviewer evaluations. The data are evaluated against the following data usability checks:

- Field and laboratory blank contamination
- US EPA hold time criteria
- Missing Quality Control (QC) samples
- Matrix spike (MS)/matrix spike duplicate (MSD) recoveries and the relative percent differences (RPDs) between these spikes
- Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) recoveries and the RPD between these spikes
- Surrogate spike recoveries for organic analyses
- Difference/RPD between field duplicate sample pairs
- RPD between laboratory replicates for inorganic analyses
- Difference/percent difference between total and dissolved sample pairs
- Temperature upon laboratory receipt meets the range of not frozen to 6°C with a target of 4°C (manual check)

There are two qualifier fields in EIM:

**Laboratory Qualifier** is the qualifier assigned by the laboratory and may not reflect the usability of the data. This qualifier may have many different meanings and can vary between labs and over time within the same lab. Please refer to the laboratory report for a description of the laboratory qualifiers. As they are laboratory descriptors they are not to be used when evaluating the data.

**Validation Qualifier** is the 3rd party formal validation qualifier if this was performed. Otherwise this field contains the qualifier resulting from the ADQM DVM review process. This qualifier assesses the usability of the data and may not equal the laboratory qualifier. The DVM applies the following data evaluation qualifiers to analysis results, as warranted:

Qualifier	Definition
B	Not detected substantially above the level reported in the laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
J	Analyte present. Reported value may not be accurate or precise.
UJ	Not detected. Reporting limit may not be accurate or precise.

The **Validation Status Code** field is set to “DVM” if the ADQM DVM process has been performed. If the DVM has not been run, the field will be blank.

If the DVM has been run (**Validation Status Code** equals “DVM”), use the **Validation Qualifier**.

If the data have been validated by a third party, the field “**Validated By**” will be set to the validator (e.g., ESI for Environmental Standards, Inc.).

## DVM Narrative Report

Site: Fayetteville

Sampling Program: 2025 Tarheel Sampling

Validation Options: LABSTATS

Validation Reason Code: The recovery for the associated isotopically labeled extraction standard is outside criteria. The detection limit has been qualified "UJ" and may be considered estimated.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CFR-TARHEEL-092925	09/29/2025	320-125984-1	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	Hfpo Dimer Acid	0.0040	UG/L	PQL		0.0040	UJ	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	R-PSDCA	0.0030	UG/L	PQL		0.0030	UJ	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	PEPA	0.0020	UG/L	PQL		0.0020	UJ	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	EPA 537 Rev. 1.1 modified		3535_PFC

Site: Fayetteville

Sampling Program: 2025 Tarheel Sampling

Validation Options: LABSTATS

Validation Reason Code: Associated MS and/or MSD analysis had relative percent recovery (RPR) values higher than the upper control limit. The reported result may be biased high.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CFR-TARHEEL-24-072225	07/22/2025	320-123896-1	R-PSDA	0.0050	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-081925	08/19/2025	320-124610-1	R-PSDA	0.011	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-081925	08/19/2025	320-124610-1	Hydrolyzed PSDA	0.0021	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-081925	08/19/2025	320-124610-1	R-EVE	0.0022	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-090925	09/09/2025	320-125207-1	R-PSDA	0.02	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-090925	09/09/2025	320-125207-1	Hydrolyzed PSDA	0.0075	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-090925	09/09/2025	320-125207-1	R-EVE	0.0053	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-090925	09/09/2025	320-125207-1	PFO3OA	0.0021	ug/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC

Site: Fayetteville

Sampling Program: 2025 Tarheel Sampling

Validation Options: LABSTATS

Validation Reason Code: The recovery for the associated isotopically labeled extraction standard is outside criteria. The reported positive result has been qualified "J" and may be considered estimated.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CFR-TARHEEL-092925	09/29/2025	320-125984-1	NVHOS, Acid Form	0.0084	UG/L	PQL		0.0030	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	PFMOAA	0.0050	ug/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	Perfluoroheptanoic Acid	0.0026	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	PFO2HxA	0.0034	ug/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	R-EVE	0.0024	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	PMPA	0.0030	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	R-PSDA	0.016	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-092925	09/29/2025	320-125984-1	Hydrolyzed PSDA	0.0064	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC

Validation Reason Code: Uncertainty around the analysis of R-PSDA, Hydrolyzed PSDA and R-EVE; J-qualifier added to all detects in the data set, even if there was no matrix spike analyzed for that particular sample.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CFR-TARHEEL-071125	07/11/2025	320-123460-3	R-PSDA	0.0075	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-090225	09/02/2025	320-125029-1	R-PSDA	0.018	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-090225	09/02/2025	320-125029-1	Hydrolyzed PSDA	0.0086	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-090225	09/02/2025	320-125029-1	R-EVE	0.0042	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-10-081425	08/14/2025	320-124394-2	R-PSDA	0.0070	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-15-092525	09/25/2025	320-125854-2	R-PSDA	0.019	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-15-092525	09/25/2025	320-125854-2	Hydrolyzed PSDA	0.01	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-15-092525	09/25/2025	320-125854-2	R-EVE	0.0039	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-17-080425	08/04/2025	320-124235-1	R-PSDA	0.0078	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-17-080425	08/04/2025	320-124235-1	Hydrolyzed PSDA	0.0030	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-17-080425	08/04/2025	320-124235-1	R-EVE	0.0032	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-18-070725	07/07/2025	320-123460-2	R-PSDA	0.012	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-18-070725	07/07/2025	320-123460-2	Hydrolyzed PSDA	0.0032	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-18-070725	07/07/2025	320-123460-2	R-EVE	0.0055	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-063025	06/30/2025	320-123374-1	Hydrolyzed PSDA	0.0051	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-063025	06/30/2025	320-123374-1	R-EVE	0.0026	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-070325	07/03/2025	320-123374-2	R-PSDA	0.023	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-070325	07/03/2025	320-123374-2	Hydrolyzed PSDA	0.011	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-070325	07/03/2025	320-123374-2	R-EVE	0.0060	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-071525	07/15/2025	320-123670-1	R-PSDA	0.0027	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-071725	07/17/2025	320-123670-2	R-PSDA	0.0034	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-072225-D	07/22/2025	320-123896-2	R-PSDA	0.0028	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-072925	07/29/2025	320-124041-1	R-PSDA	0.0063	UG/L	PQL		0.0020	J	537 Modified		3535

Validation Reason Code: Uncertainty around the analysis of R-PSDA, Hydrolyzed PSDA and R-EVE; J-qualifier added to all detects in the data set, even if there was no matrix spike analyzed for that particular sample.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CFR-TARHEEL-24-073125	07/31/2025	320-124041-2	R-PSDA	0.0076	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-073125	07/31/2025	320-124041-2	Hydrolyzed PSDA	0.0033	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-080825	08/08/2025	320-124235-2	R-PSDA	0.0096	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-081125	08/11/2025	320-124394-1	R-PSDA	0.0058	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-081125	08/11/2025	320-124394-1	R-EVE	0.0021	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-081925-D	08/19/2025	320-124610-2	R-PSDA	0.0095	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-081925-D	08/19/2025	320-124610-2	Hydrolyzed PSDA	0.0023	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-081925-D	08/19/2025	320-124610-2	R-EVE	0.0022	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-082225	08/22/2025	320-124610-3	R-PSDA	0.0091	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-082225	08/22/2025	320-124610-3	Hydrolyzed PSDA	0.0033	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-082225	08/22/2025	320-124610-3	R-EVE	0.0029	UG/L	PQL		0.0020	J	537 Modified		3535
CFR-TARHEEL-24-082525	08/25/2025	320-124796-1	R-PSDA	0.0092	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-082525	08/25/2025	320-124796-1	Hydrolyzed PSDA	0.0055	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-082525	08/25/2025	320-124796-1	R-EVE	0.0045	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-082825	08/28/2025	320-124796-2	R-PSDA	0.03	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-082825	08/28/2025	320-124796-2	Hydrolyzed PSDA	0.0082	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-082825	08/28/2025	320-124796-2	R-EVE	0.0059	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-090525	09/05/2025	320-125029-2	R-PSDA	0.034	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-090525	09/05/2025	320-125029-2	Hydrolyzed PSDA	0.011	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-090525	09/05/2025	320-125029-2	R-EVE	0.0054	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-090925-D	09/09/2025	320-125207-2	R-PSDA	0.02	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-090925-D	09/09/2025	320-125207-2	Hydrolyzed PSDA	0.0073	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-090925-D	09/09/2025	320-125207-2	R-EVE	0.0057	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC

**Validation Reason Code:** Uncertainty around the analysis of R-PSDA, Hydrolyzed PSDA and R-EVE; J-qualifier added to all detects in the data set, even if there was no matrix spike analyzed for that particular sample.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CFR-TARHEEL-24-091125	09/11/2025	320-125207-3	R-PSDA	0.026	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-091125	09/11/2025	320-125207-3	Hydrolyzed PSDA	0.0075	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-091125	09/11/2025	320-125207-3	R-EVE	0.0052	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-091525	09/15/2025	320-125557-1	R-PSDA	0.017	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-091525	09/15/2025	320-125557-1	Hydrolyzed PSDA	0.0067	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-091525	09/15/2025	320-125557-1	R-EVE	0.0047	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-091825	09/18/2025	320-125557-2	R-PSDA	0.019	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-091825	09/18/2025	320-125557-2	Hydrolyzed PSDA	0.0091	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-091825	09/18/2025	320-125557-2	R-EVE	0.0060	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-092225	09/22/2025	320-125854-1	R-PSDA	0.021	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-092225	09/22/2025	320-125854-1	Hydrolyzed PSDA	0.0093	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-092225	09/22/2025	320-125854-1	R-EVE	0.0043	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-100225	10/02/2025	320-125984-2	R-PSDA	0.034	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-100225	10/02/2025	320-125984-2	Hydrolyzed PSDA	0.013	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC
CFR-TARHEEL-24-100225	10/02/2025	320-125984-2	R-EVE	0.0045	UG/L	PQL		0.0020	J	EPA 537 Rev. 1.1 modified		3535_PFC



## **ADQM Data Review**

**Site:** Chemours Fayetteville

**Project:** CAP SW Sampling 3Q25 (updated)

**Project Reviewer:** Michael Aucoin



### Sample Summary

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
CAP3Q25-CFR-RM-76-070125	320-123117-1	Surface Water	N	07/01/2025	10:15	FS
CAP3Q25-WC-1-24-070225	320-123117-2	Surface Water	N	07/02/2025	07:00	FS
CAP3Q25-WC-2-24-070225	320-123117-3	Surface Water	N	07/02/2025	07:00	FS
CAP3Q25-WC-3-24-070225	320-123117-4	Surface Water	N	07/02/2025	07:00	FS
RIVER-WATER-INTAKE-24-070225	320-123117-5	Surface Water	N	07/02/2025	07:06	FS
CAP3Q25-LOCK-DAM-NORTH-070125	320-123117-6	Surface Water	N	07/01/2025	10:15	FS
CAP3Q25-LOCK-DAM-SEEP-070125	320-123117-7	Surface Water	N	07/01/2025	10:45	FS
CAP3Q25-OLD OF-2-24-070225	320-123125-1	Surface Water	N	07/02/2025	09:18	FS
CAP3Q25-GBC-1-070125	320-123125-2	Surface Water	N	07/01/2025	13:15	FS
CAP3Q25-CFR-BLADEN-070125	320-123125-3	Surface Water	N	07/01/2025	18:10	FS
CAP3Q25-OUTFALL-002-24-070225	320-123125-4	Surface Water	N	07/02/2025	08:24	FS
CAP3Q25-CFR-TARHEEL-070225	320-123125-5	Surface Water	N	07/02/2025	13:15	FS
CAP3Q25-EQBLK-IS-070125	320-123125-6	Blank Water	N	07/01/2025	13:55	EB
CAP3Q25-EQBLK-PP-070125	320-123125-7	Blank Water	N	07/01/2025	14:00	EB
CAP3Q25-CFR-KINGS-070725	320-123368-1	Surface Water	N	07/07/2025	11:40	FS
CAP3Q25-CFR-KINGS-070725-D	320-123368-2	Surface Water	N	07/07/2025	11:40	DUP
CAP3Q25-CFR-TARHEEL-24-070225	320-123432-1	Surface Water	N	07/02/2025	23:01	FS

\* FS=Field Sample  
 DUP=Field Duplicate  
 FB=Field Blank  
 EB=Equipment Blank  
 TB=Trip Blank



## Analytical Protocol

Lab Name	Lab Method	Parameter Category	Sampling Program
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP SW Sampling 3Q25



### ADQM Data Review Checklist

Item	Description	Yes	No*	DVM Narrative Report	Laboratory Report	Exception Report (ER) #
A	Did samples meet laboratory acceptability requirements upon receipt (i.e., intact, within temperature, properly preserved, and no headspace where applicable)?	X				
B	Were samples received by the laboratory in agreement with the associated chain of custody?	X				
C	Was the chain of custody properly completed by the laboratory and/or field team?	X				
D	Were samples prepped/analyzed by the laboratory within method holding times?	X				
E	Were data review criteria met for method blanks, LCSs/LCSDs, MSs/MSDs, PDSs, SDs, replicates, surrogates, sample results within calibration range, total/dissolved samples, field duplicates, field/equipment/trip blanks?		X	X	X	
F	Temperature upon laboratory receipt meets range not frozen to 6 C (manual check)?	X				
G	Were all data usable and not R qualified?	X				
<b>ER#</b>	<b>Description</b>					
<b>Other QA/QC Items to Note:</b>						

\* See DVM Narrative Report, Laboratory Report, and/or ER # for further details as indicated.

The electronic data submitted for this project was reviewed via the Data Verification Module (DVM) process. Overall, the data are acceptable for use without qualification, except as noted on the attached DVM Narrative Report.

The lab reports due to a large page count are stored on a network shared drive and are available to be posted on external shared drives, or on a flash drive.



## Data Verification Module (DVM)

The DVM is an internal review process used by the ADQM group to assist with the determination of data usability. The electronic data deliverables received from the laboratory are loaded into the Locus EIM™ database and processed through a series of data quality checks, which are a combination of software, Locus EIM™ database Data Verification Module (DVM), and manual reviewer evaluations. The data are evaluated against the following data usability checks:

- Field and laboratory blank contamination
- US EPA hold time criteria
- Missing Quality Control (QC) samples
- Matrix spike (MS)/matrix spike duplicate (MSD) recoveries and the relative percent differences (RPDs) between these spikes
- Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) recoveries and the RPD between these spikes
- Surrogate spike recoveries for organic analyses
- Difference/RPD between field duplicate sample pairs
- RPD between laboratory replicates for inorganic analyses
- Difference/percent difference between total and dissolved sample pairs
- Temperature upon laboratory receipt meets the range of not frozen to 6°C with a target of 4°C (manual check)

There are two qualifier fields in EIM:

**Laboratory Qualifier** is the qualifier assigned by the laboratory and may not reflect the usability of the data. This qualifier may have many different meanings and can vary between labs and over time within the same lab. Please refer to the laboratory report for a description of the laboratory qualifiers. As they are laboratory descriptors they are not to be used when evaluating the data.

**Validation Qualifier** is the 3rd party formal validation qualifier if this was performed. Otherwise this field contains the qualifier resulting from the ADQM DVM review process. This qualifier assesses the usability of the data and may not equal the laboratory qualifier. The DVM applies the following data evaluation qualifiers to analysis results, as warranted:

Qualifier	Definition
B	Not detected substantially above the level reported in the laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
J	Analyte present. Reported value may not be accurate or precise.
UJ	Not detected. Reporting limit may not be accurate or precise.

The **Validation Status Code** field is set to “DVM” if the ADQM DVM process has been performed. If the DVM has not been run, the field will be blank.

If the DVM has been run (**Validation Status Code** equals “DVM”), use the **Validation Qualifier**.

If the data have been validated by a third party, the field “**Validated By**” will be set to the validator (e.g., ESI for Environmental Standards, Inc.).

## DVM Narrative Report

**Site:** Fayetteville

**Sampling Program:**

CAP SW Sampling 3Q25

**Validation Options:**

LABSTATS

**Validation Reason Code:** Associated MS and/or MSD analysis had relative percent recovery (RPR) values higher than the upper control limit. The reported result may be biased high.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q25-CFR-KINGS-070725	07/07/2025	320-123368-1	R-PSDA	0.0078	UG/L	PQL	0.0020	0.0020	J	537 Modified		3535
CAP3Q25-CFR-KINGS-070725	07/07/2025	320-123368-1	Hydrolyzed PSDA	0.0044	UG/L	PQL	0.0020	0.0020	J	537 Modified		3535
CAP3Q25-CFR-KINGS-070725	07/07/2025	320-123368-1	R-EVE	0.0056	UG/L	PQL	0.0020	0.0020	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP SW Sampling 3Q25

Validation Options: LABSTATS

Validation Reason Code: The recovery for the associated isotopically labeled extraction standard is outside criteria. The reported positive result has been qualified "J" and may be considered estimated.

Field Sample ID	Date	Sampled Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q25-OLDOF-2-24-070225	07/02/2025	320-123125-1	Perfluoropentanoic Acid	0.0059	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-OLDOF-2-24-070225	07/02/2025	320-123125-1	PFO2HxA	0.24	ug/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-OUTFALL-002-24-070225	07/02/2025	320-123125-4	PEPA	0.0028	UG/L	PQL		0.0023	J	537 Modified		3535
CAP3Q25-OUTFALL-002-24-070225	07/02/2025	320-123125-4	PPF Acid	0.51	UG/L	PQL		0.011	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP SW Sampling 3Q25

Validation Options: LABSTATS

Validation Reason Code: Uncertainty around the analysis of R-PSDA, Hydrolyzed PSDA and R-EVE; J-qualifier added to all detects in the data set, even if there was no matrix spike analyzed for that particular sample.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q25-CFR-BLADEN-070125	07/01/2025	320-123125-3	R-PSDA	0.0060	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-CFR-BLADEN-070125	07/01/2025	320-123125-3	Hydrolyzed PSDA	0.0039	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-CFR-BLADEN-070125	07/01/2025	320-123125-3	R-EVE	0.0024	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-CFR-KINGS-070725-D	07/07/2025	320-123368-2	R-PSDA	0.0095	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-CFR-KINGS-070725-D	07/07/2025	320-123368-2	Hydrolyzed PSDA	0.0046	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-CFR-KINGS-070725-D	07/07/2025	320-123368-2	R-EVE	0.0056	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-CFR-RM-76-070125	07/01/2025	320-123117-1	R-PSDA	0.011	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-CFR-TARHEEL-070225	07/02/2025	320-123125-5	R-PSDA	0.0058	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-CFR-TARHEEL-070225	07/02/2025	320-123125-5	Hydrolyzed PSDA	0.0040	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-CFR-TARHEEL-24-070225	07/02/2025	320-123432-1	R-PSDA	0.0099	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-CFR-TARHEEL-24-070225	07/02/2025	320-123432-1	Hydrolyzed PSDA	0.0076	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-CFR-TARHEEL-24-070225	07/02/2025	320-123432-1	R-EVE	0.0085	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-GBC-1-070125	07/01/2025	320-123125-2	R-PSDA	0.054	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-GBC-1-070125	07/01/2025	320-123125-2	R-EVE	0.021	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-LOCK-DAM-NORTH-070125	07/01/2025	320-123117-6	R-PSDA	0.14	UG/L	PQL	0.063	J	537 Modified		3535
CAP3Q25-LOCK-DAM-NORTH-070125	07/01/2025	320-123117-6	R-EVE	0.085	UG/L	PQL	0.063	J	537 Modified		3535
CAP3Q25-LOCK-DAM-SEEP-070125	07/01/2025	320-123117-7	R-PSDA	0.48	UG/L	PQL	0.063	J	537 Modified		3535
CAP3Q25-LOCK-DAM-SEEP-070125	07/01/2025	320-123117-7	Hydrolyzed PSDA	0.46	UG/L	PQL	0.16	J	537 Modified		3535
CAP3Q25-LOCK-DAM-SEEP-070125	07/01/2025	320-123117-7	R-EVE	0.15	UG/L	PQL	0.063	J	537 Modified		3535
CAP3Q25-OLDOF-2-24-070225	07/02/2025	320-123125-1	R-PSDA	0.014	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-OLDOF-2-24-070225	07/02/2025	320-123125-1	Hydrolyzed PSDA	0.023	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-OLDOF-2-24-070225	07/02/2025	320-123125-1	R-EVE	0.0057	UG/L	PQL	0.0020	J	537 Modified		3535
CAP3Q25-OUTFALL-002-24-070225	07/02/2025	320-123125-4	R-PSDA	0.019	UG/L	PQL	0.0020	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP SW Sampling 3Q25

Validation Options: LABSTATS

Validation Reason Code: Uncertainty around the analysis of R-PSDA, Hydrolyzed PSDA and R-EVE; J-qualifier added to all detects in the data set, even if there was no matrix spike analyzed for that particular sample.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q25-OUTFALL-002-24-070225	07/02/2025	320-123125-4	Hydrolyzed PSDA	0.14	UG/L	PQL	0.0020	0.0020	J	537 Modified		3535
CAP3Q25-OUTFALL-002-24-070225	07/02/2025	320-123125-4	R-EVE	0.0041	UG/L	PQL	0.0020	0.0020	J	537 Modified		3535
CAP3Q25-WC-1-24-070225	07/02/2025	320-123117-2	R-PSDA	0.17	UG/L	PQL	0.0020	0.0020	J	537 Modified		3535
CAP3Q25-WC-1-24-070225	07/02/2025	320-123117-2	Hydrolyzed PSDA	0.41	UG/L	PQL	0.010	0.010	J	537 Modified		3535
CAP3Q25-WC-1-24-070225	07/02/2025	320-123117-2	R-EVE	0.076	UG/L	PQL	0.0020	0.0020	J	537 Modified		3535
CAP3Q25-WC-2-24-070225	07/02/2025	320-123117-3	R-PSDA	0.092	UG/L	PQL	0.0020	0.0020	J	537 Modified		3535
CAP3Q25-WC-2-24-070225	07/02/2025	320-123117-3	Hydrolyzed PSDA	0.10	UG/L	PQL	0.0020	0.0020	J	537 Modified		3535
CAP3Q25-WC-2-24-070225	07/02/2025	320-123117-3	R-EVE	0.052	UG/L	PQL	0.0020	0.0020	J	537 Modified		3535
CAP3Q25-WC-3-24-070225	07/02/2025	320-123117-4	R-PSDA	0.075	UG/L	PQL	0.0020	0.0020	J	537 Modified		3535
CAP3Q25-WC-3-24-070225	07/02/2025	320-123117-4	R-EVE	0.034	UG/L	PQL	0.0020	0.0020	J	537 Modified		3535
RIVER-WATER-INTAKE-24-070225	07/02/2025	320-123117-5	R-PSDA	0.016	UG/L	PQL	0.0020	0.0020	J	537 Modified		3535
RIVER-WATER-INTAKE-24-070225	07/02/2025	320-123117-5	Hydrolyzed PSDA	0.0032	UG/L	PQL	0.0020	0.0020	J	537 Modified		3535
RIVER-WATER-INTAKE-24-070225	07/02/2025	320-123117-5	R-EVE	0.0034	UG/L	PQL	0.0020	0.0020	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP SW Sampling 3Q25

Validation Options: LABSTATS

Validation Reason Code: The ion ratio for the compound differed from the expected ion ratio by more than 50%. The reported positive result has been qualified "J" and should be considered estimated.

Field Sample ID	Date	Sampled Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q25-LOCK-DAM-SEEP-070125	07/01/2025	320-123117-7	PFOS	0.067	UG/L	PQL		0.063	J	537 Modified		3535



## **ADQM Data Review**

**Site:** Chemours Fayetteville

**Project:** CAP GW Sampling 3Q25 - select

**Project Reviewer:** Michael Aucoin



## Sample Summary

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
CAP3Q25-PW-09-070925	320-123356-2	Groundwater	N	07/09/2025	15:50	FS
CAP3Q25-PW-09-070925-Z	320-123356-3	Groundwater	Y	07/09/2025	15:50	FS
CAP3Q25-EQBLK-PP-071025	320-123358-5	Blank Water	N	07/10/2025	15:10	EB
CAP3Q25-EQBLK-DV-071025	320-123358-6	Blank Water	N	07/10/2025	15:15	EB
CAP3Q25-EQBLK-DV-071425-Z	320-123433-1	Blank Water	Y	07/14/2025	08:45	EB
CAP3Q25-EQBLK-PP-071425-Z	320-123433-2	Blank Water	Y	07/14/2025	08:40	EB
CAP3Q25-BLADEN-1DR-071025	320-123456-2	Groundwater	N	07/10/2025	12:40	FS
CAP3Q25-SMW-10-071125	320-123463-3	Groundwater	N	07/11/2025	11:45	FS
CAP3Q25-PIW-1D-071025	320-123463-4	Groundwater	N	07/10/2025	14:40	FS
CAP3Q25-SMW-11-071025	320-123463-5	Groundwater	N	07/10/2025	16:20	FS
CAP3Q25-LTW-02-071525	320-123529-2	Groundwater	N	07/15/2025	13:30	FS
CAP3Q25-BAILER-071625	320-123542-3	Blank Water	N	07/16/2025	16:00	EB
CAP3Q25-PIW-3D-071525	320-123663-1	Groundwater	N	07/15/2025	14:55	FS
CAP3Q25-PW-07-071625	320-123663-2	Groundwater	N	07/16/2025	16:48	FS
CAP3Q25-SMW-12-071725	320-123663-5	Groundwater	N	07/17/2025	13:05	FS
CAP3Q25-OW-28-071725	320-123663-6	Groundwater	N	07/17/2025	15:25	FS
CAP3Q25-PW-04-071725	320-123663-8	Groundwater	N	07/17/2025	09:55	FS
CAP3Q25-PIW-7S-071725	320-123666-2	Groundwater	N	07/17/2025	14:05	FS
CAP3Q25-OW-33-071725	320-123666-4	Groundwater	N	07/17/2025	14:00	FS
CAP3Q25-PW-06-071825	320-123666-7	Groundwater	N	07/18/2025	11:10	FS
CAP3Q25-PIW-1S-072125	320-123669-5	Groundwater	N	07/21/2025	14:35	FS
CAP3Q25-EQBLK-PP-072225	320-123669-6	Blank Water	N	07/22/2025	11:00	EB
CAP3Q25-EQBLK-PP-072425	320-123750-4	Blank Water	N	07/24/2025	11:45	EB
CAP3Q25-PZ-22-072925	320-123897-7	Groundwater	N	07/29/2025	13:15	FS
CAP3Q25-EQBLK-DV-073025	320-123897-8	Blank Water	N	07/30/2025	09:00	EB
CAP3Q25-LTW-04-072525	320-123901-1	Groundwater	N	07/25/2025	10:45	FS
CAP3Q25-PIW-7D-072825	320-123901-2	Groundwater	N	07/28/2025	16:15	FS
CAP3Q25-LTW-05-072825	320-123901-4	Groundwater	N	07/28/2025	14:45	FS
CAP3Q25-LTW-03-072425	320-123927-1	Groundwater	N	07/24/2025	14:05	FS
CAP3Q25-LTW-01-072425	320-123927-3	Groundwater	N	07/24/2025	16:30	FS
CAP3Q25-EQBLK-PP-080425	320-124057-6	Blank Water	N	08/04/2025	12:50	EB

\* FS=Field Sample  
 DUP=Field Duplicate  
 FB=Field Blank  
 EB=Equipment Blank  
 TB=Trip Blank



## Analytical Protocol

Lab Name	Lab Method	Parameter Category	Sampling Program
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP GW Sampling 3Q25 - select



### ADQM Data Review Checklist

Item	Description	Yes	No*	DVM Narrative Report	Laboratory Report	Exception Report (ER) #
A	Did samples meet laboratory acceptability requirements upon receipt (i.e., intact, within temperature, properly preserved, and no headspace where applicable)?	X				
B	Were samples received by the laboratory in agreement with the associated chain of custody?	X				
C	Was the chain of custody properly completed by the laboratory and/or field team?	X				
D	Were samples prepped/analyzed by the laboratory within method holding times?		X	X	X	
E	Were data review criteria met for method blanks, LCSs/LCSDs, MSs/MSDs, PDSs, SDs, replicates, surrogates, sample results within calibration range, total/dissolved samples, field duplicates, field/equipment/trip blanks?		X	X	X	
F	Temperature upon laboratory receipt meets range not frozen to 6 C (manual check)?	X				
G	Were all data usable and not R qualified?	X				
<b>ER#</b>	<b>Description</b>					
<b>Other QA/QC Items to Note:</b>						

\* See DVM Narrative Report, Laboratory Report, and/or ER # for further details as indicated.

The electronic data submitted for this project were reviewed via the Data Verification Module (DVM) process. Overall, the data are acceptable for use without qualification, except as noted on the attached DVM Narrative Report.

The lab reports due to a large page count are stored on a network shared drive and are available to be posted on external shared drives, or on a flash drive.



## Data Verification Module (DVM)

The DVM is an internal review process used by the ADQM group to assist with the determination of data usability. The electronic data deliverables received from the laboratory are loaded into the Locus EIM™ database and processed through a series of data quality checks, which are a combination of software, Locus EIM™ database Data Verification Module (DVM), and manual reviewer evaluations. The data are evaluated against the following data usability checks:

- Field and laboratory blank contamination
- US EPA hold time criteria
- Missing Quality Control (QC) samples
- Matrix spike (MS)/matrix spike duplicate (MSD) recoveries and the relative percent differences (RPDs) between these spikes
- Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) recoveries and the RPD between these spikes
- Surrogate spike recoveries for organic analyses
- Difference/RPD between field duplicate sample pairs
- RPD between laboratory replicates for inorganic analyses
- Difference/percent difference between total and dissolved sample pairs
- Temperature upon laboratory receipt meets the range of not frozen to 6°C with a target of 4°C (manual check)

There are two qualifier fields in EIM:

**Laboratory Qualifier** is the qualifier assigned by the laboratory and may not reflect the usability of the data. This qualifier may have many different meanings and can vary between labs and over time within the same lab. Please refer to the laboratory report for a description of the laboratory qualifiers. As they are laboratory descriptors they are not to be used when evaluating the data.

**Validation Qualifier** is the 3rd party formal validation qualifier if this was performed. Otherwise this field contains the qualifier resulting from the ADQM DVM review process. This qualifier assesses the usability of the data and may not equal the laboratory qualifier. The DVM applies the following data evaluation qualifiers to analysis results, as warranted:

Qualifier	Definition
B	Not detected substantially above the level reported in the laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
J	Analyte present. Reported value may not be accurate or precise.
UJ	Not detected. Reporting limit may not be accurate or precise.

The **Validation Status Code** field is set to “DVM” if the ADQM DVM process has been performed. If the DVM has not been run, the field will be blank.

If the DVM has been run (**Validation Status Code** equals “DVM”), use the **Validation Qualifier**.

If the data have been validated by a third party, the field “**Validated By**” will be set to the validator (e.g., ESI for Environmental Standards, Inc.).

## DVM Narrative Report

**Site:** Fayetteville

**Sampling Program:** CAP GW Sampling 3Q25 select

**Validation Options:** LABSTATS

**Validation Reason Code:** The preparation hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q25-OW-33-071725	07/17/2025	320-123666-4	6:2 Fluorotelomer Sulfonate	0.16	ug/L	PQL		0.16	UJ	537 Modified		3535
CAP3Q25-PIW-7S-071725	07/17/2025	320-123666-2	6:2 Fluorotelomer Sulfonate	0.16	ug/L	PQL		0.16	UJ	537 Modified		3535
CAP3Q25-OW-28-071725	07/17/2025	320-123663-6	6:2 Fluorotelomer Sulfonate	0.16	ug/L	PQL		0.16	UJ	537 Modified		3535
CAP3Q25-SMW-12-071725	07/17/2025	320-123663-5	6:2 Fluorotelomer Sulfonate	0.16	ug/L	PQL		0.16	UJ	537 Modified		3535

Validation Reason Code: The result exceeds the calibration range of the instrument and should be considered estimated.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q25-PW-04-071725	07/17/2025	320-123663-8	PMPA	0.74	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PW-04-071725	07/17/2025	320-123663-8	Hfpo Dimer Acid	0.45	UG/L	PQL		0.0040	J	537 Modified		3535
CAP3Q25-PW-04-071725	07/17/2025	320-123663-8	PFO2HxA	0.57	ug/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PW-04-071725	07/17/2025	320-123663-8	PPF Acid	1.2	UG/L	PQL		0.0050	J	537 Modified		3535
CAP3Q25-PW-06-071825	07/18/2025	320-123666-7	PMPA	1.1	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PW-06-071825	07/18/2025	320-123666-7	Hfpo Dimer Acid	1.5	UG/L	PQL		0.0040	J	537 Modified		3535
CAP3Q25-PW-06-071825	07/18/2025	320-123666-7	PEPA	0.46	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PW-06-071825	07/18/2025	320-123666-7	PFO2HxA	0.80	ug/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PW-06-071825	07/18/2025	320-123666-7	PPF Acid	1.2	UG/L	PQL		0.0050	J	537 Modified		3535
CAP3Q25-PW-07-071625	07/16/2025	320-123663-2	PMPA	0.36	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PW-07-071625	07/16/2025	320-123663-2	PPF Acid	0.62	UG/L	PQL		0.0050	J	537 Modified		3535
CAP3Q25-PZ-22-072925	07/29/2025	320-123897-7	PPF Acid	59	UG/L	PQL		0.31	J	537 Modified		3535
CAP3Q25-PZ-22-072925	07/29/2025	320-123897-7	PFMOAA	130	ug/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	PMPA	0.53	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	Hfpo Dimer Acid	1.5	UG/L	PQL		0.0040	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	R-PSDA	0.44	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	PFO2HxA	0.81	ug/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	PPF Acid	0.65	UG/L	PQL		0.0050	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	Hydro-PS Acid	0.42	ug/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PIW-7D-072825	07/28/2025	320-123901-2	PPF Acid	63	UG/L	PQL		0.31	J	537 Modified		3535
CAP3Q25-PIW-7D-072825	07/28/2025	320-123901-2	PFMOAA	120	ug/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-04-072525	07/25/2025	320-123901-1	PFMOAA	51	ug/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-05-072825	07/28/2025	320-123901-4	PPF Acid	70	UG/L	PQL		0.31	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 3Q25 select

Validation Options: LABSTATS

Validation Reason Code: The result exceeds the calibration range of the instrument and should be considered estimated.

---

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q25-LTW-05-072825	07/28/2025	320-123901-4	PFMOAA	130	ug/L	PQL		0.063	J	537 Modified		3535

**Validation Reason Code:** Uncertainty around the analysis of R-PSDA, Hydrolyzed PSDA and R-EVE; J-qualifier added to all detects in the data set, even if there was no matrix spike analyzed for that particular sample.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q25-OW-33-071725	07/17/2025	320-123666-4	R-PSDA	0.31	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-33-071725	07/17/2025	320-123666-4	R-EVE	0.23	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PW-04-071725	07/17/2025	320-123663-8	R-PSDA	0.10	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PW-04-071725	07/17/2025	320-123663-8	R-EVE	0.048	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PW-06-071825	07/18/2025	320-123666-7	R-PSDA	0.13	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PW-06-071825	07/18/2025	320-123666-7	R-EVE	0.051	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PW-07-071625	07/16/2025	320-123663-2	R-PSDA	0.11	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PW-07-071625	07/16/2025	320-123663-2	R-EVE	0.049	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PZ-22-072925	07/29/2025	320-123897-7	R-PSDA	0.65	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PZ-22-072925	07/29/2025	320-123897-7	Hydrolyzed PSDA	3.5	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-PZ-22-072925	07/29/2025	320-123897-7	R-EVE	0.56	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-SMW-11-071025	07/10/2025	320-123463-5	R-PSDA	0.15	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-SMW-11-071025	07/10/2025	320-123463-5	Hydrolyzed PSDA	0.30	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-SMW-11-071025	07/10/2025	320-123463-5	R-EVE	0.091	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-SMW-12-071725	07/17/2025	320-123663-5	R-PSDA	0.19	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-SMW-12-071725	07/17/2025	320-123663-5	R-EVE	0.16	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-1D-071025	07/10/2025	320-123463-4	R-PSDA	0.46	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-1D-071025	07/10/2025	320-123463-4	R-EVE	0.24	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	R-EVE	0.10	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PIW-3D-071525	07/15/2025	320-123663-1	R-PSDA	1.2	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-3D-071525	07/15/2025	320-123663-1	Hydrolyzed PSDA	0.29	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-PIW-3D-071525	07/15/2025	320-123663-1	R-EVE	0.71	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-7D-072825	07/28/2025	320-123901-2	R-PSDA	0.81	UG/L	PQL		0.063	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 3Q25 select

Validation Options:

LABSTATS

Validation Reason Code: Uncertainty around the analysis of R-PSDA, Hydrolyzed PSDA and R-EVE; J-qualifier added to all detects in the data set, even if there was no matrix spike analyzed for that particular sample.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q25-PIW-7D-072825	07/28/2025	320-123901-2	Hydrolyzed PSDA	1.5	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-PIW-7D-072825	07/28/2025	320-123901-2	R-EVE	1.0	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-7S-071725	07/17/2025	320-123666-2	R-PSDA	0.98	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-7S-071725	07/17/2025	320-123666-2	R-EVE	1.3	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-BLADEN-1DR-071025	07/10/2025	320-123456-2	R-PSDA	0.013	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-BLADEN-1DR-071025	07/10/2025	320-123456-2	R-EVE	0.0075	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-LTW-01-072425	07/24/2025	320-123927-3	R-PSDA	1.0	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-01-072425	07/24/2025	320-123927-3	Hydrolyzed PSDA	0.32	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-LTW-01-072425	07/24/2025	320-123927-3	R-EVE	0.53	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-02-071525	07/15/2025	320-123529-2	R-PSDA	1.0	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-02-071525	07/15/2025	320-123529-2	Hydrolyzed PSDA	2.3	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-LTW-02-071525	07/15/2025	320-123529-2	R-EVE	0.54	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-03-072425	07/24/2025	320-123927-1	R-PSDA	1.1	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-03-072425	07/24/2025	320-123927-1	Hydrolyzed PSDA	8.5	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-LTW-03-072425	07/24/2025	320-123927-1	R-EVE	0.49	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-04-072525	07/25/2025	320-123901-1	R-PSDA	1.6	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-04-072525	07/25/2025	320-123901-1	Hydrolyzed PSDA	2.0	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-LTW-04-072525	07/25/2025	320-123901-1	R-EVE	1.6	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-05-072825	07/28/2025	320-123901-4	R-PSDA	0.88	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-05-072825	07/28/2025	320-123901-4	Hydrolyzed PSDA	1.8	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-LTW-05-072825	07/28/2025	320-123901-4	R-EVE	1.1	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-28-071725	07/17/2025	320-123663-6	R-PSDA	0.36	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-28-071725	07/17/2025	320-123663-6	R-EVE	0.18	UG/L	PQL		0.063	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 3Q25 select

Validation Options: LABSTATS

Validation Reason Code: The ion ratio for the compound differed from the expected ion ratio by more than 50%. The reported positive result has been qualified "J" and should be considered estimated.

---

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q25-PIW-7S-071725	07/17/2025	320-123666-2	PFOA	0.087	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	PFOS	0.0092	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-LTW-01-072425	07/24/2025	320-123927-3	PFOA	0.11	UG/L	PQL		0.063	J	537 Modified		3535