Appendix A

Cape Fear River PFAS Mass Loading Model

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INTRODUCTION AND OBJECTIVE

The objective of this appendix is to estimate the mass discharge from the identified PFAS transport pathways using a Cape Fear River mass loading model developed and described in the *Cape Fear River Mass Loading Calculation Protocol Version 2* (Geosyntec, 2020a) and to assess contributions by pathway. 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.

The one-year period of monthly sampling of the mass loading model pathways per Consent Order (CO) Paragraph 1(b) was completed in December 2021. Quarterly sample collection was initiated in January 2022 and will continue for a period of 4 years (through Q4 2026) (Geosyntec, 2020a).

Updates to the Mass Loading Model

With the implementation of the groundwater extraction and barrier wall remedy the model-estimated mass discharge values per pathway are compared to the mass discharge values upgradient of the remedies (i.e., before the water passes through the remedies, or "before remedies") from the reporting quarters prior to the implementation of the groundwater extraction and barrier wall remedy.

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). Of these nine pathways, five have remedies in place. 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 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. Previous assessments derived hydraulic gradients from potentiometric maps. Starting this quarter, hydraulic gradients were estimated between well pairs downgradient of the remedy, since the prior method is considered not appropriate for these new conditions since barrier wall results in a discontinuous potentiometric surface. Additional details are provided in Attachment ATT3.
- **Transport Pathway 6 (Remedy: Seep Flow-Through Cells)**: Seeps – Onsite groundwater seeps A, B, C and D and the offsite Lock and Dam Seep 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 Q2 2023 mass loading model assessments, data sources used as model inputs for each potential pathway are described in Table A1.

SAMPLING ACTIVITIES AND LABORATORY ANALYSIS

The mass loading model sampling program for this reporting period consisted of collecting concentration and flow data from the various PFAS transport pathways during the reporting period. (May 2023). A total of 34 water samples were collected, which includes surface water (seep, creeks, Outfall 003 Stream, Outfall 002, and Cape Fear River) and groundwater. The sample collection 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 *Cape Fear River Mass Loading Calculation Protocol Version 2* (Geosyntec, 2020a).

Flow Measurements

The flow rates measured for the seep and surface water events 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.

Surface Water Sample Collection

The seep water, surface water, and river water samples were collected from May 11 to 12, 2023. A total of 13 primary samples, 1 duplicate sample, and 1 equipment blank were collected. Deviations from the sampling program include:

- Outfall 002 was sampled at an alternate location (approximately 713 feet upstream) because the original location was closed during the construction of the barrier wall.
- Seeps A and D effluents were initially sampled on May 12, 2023; however, there was an equipment malfunction at Seep D and the tubing was disconnected at Seep A. These two locations were resampled on May 16, 2023.
- Seep B and Seep C effluents were not sampled because there was no flowing water at the effluent cells at the time of sampling.
- Lock and Dam North Seep was not sampled because the seep was dry during the sampling event.

Field parameters recorded for these samples are provided in Table A2. Recorded field parameter data are generally consistent with expectations.

Water Levels and Groundwater Sample Collection

One synoptic water level survey of the onsite groundwater monitoring well network was completed on May 8, 2023 (Table A3). From May 16 to 25, 2023, groundwater samples were collected from 20 locations, including the 18 of the 20 monitoring wells outlined in CO Paragraph 16 (Table A4). This list of groundwater wells is derived from the Corrective Action Plan (CAP) (Geosyntec,

2019). PW-07 and PIW-1S were not sampled this quarter because those wells were dry. The groundwater field parameters are provided in Table A4.

Laboratory Analyses

All samples were sent to Eurofins Scientific (West Sacramento, CA) and were analyzed for Table 3+ Laboratory SOP and Method Mod 537 (35 compounds).

PFAS ANALYTICAL RESULTS

The analytical results from samples during the Q2 2023 surface water and groundwater sampling events 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. The duplicate samples have also been compared to the primary samples.

Data Validation

The method described in this subsection was used to validate the analytical data with samples described in this appendix and in the main report. Analytical data were reviewed using the Data Verification Module (DVM) within the Locus™ Environmental Information Management (EIM) system, a commercial software program used to manage data. Following the DVM process, a secondary review of the data was conducted. The DVM and secondary review results were combined in a data review narrative report for each set of sample results, which were consistent with Stage 2b of the USEPA Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use (USEPA-540-R-08-005, 2009). The 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.

The data were evaluated by the DVM against the following data usability checks:

- Hold time criteria
- Field and laboratory blank contamination
- Completeness of quality assurance/quality control samples
- Matrix spike/matrix spike duplicate recoveries and the relative percent differences (RPDs) between these spikes
- Laboratory control sample/control sample duplicate recoveries and the RPD between these spike
- Surrogate spike recoveries for organic analyses
- RPD between field duplicate sample pairs

The secondary review of the data included instrument-related quality control results for calibration standards, blanks, and recoveries. It also included visual inspection of sample chromatograms for appropriate integration and verification that detections in field or equipment blanks have been applied to all applicable samples. The data review process applied the following data evaluation qualifiers to the analytical results as required:

- J: Analyte present, reported value may not be accurate or precise

- UJ: Analyte not present above the reporting limit, reporting limit may not be accurate or precise
- B: Analyte present in a blank sample, reported value may have a high bias

The data review process described above was performed for laboratory chemical analytical data generated for the sampling events. The DQOs were met for the analytical results 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[1].

Surface Water PFAS Analytical Results

For the surface and seep water samples, one equipment blank was collected and no PFAS were detected above the associated reporting limits. One field duplicate was collected at the Outfall 002 location on May 12, 2023. PFAS results for the primary (CAP2Q23-OUTFALL-002A-24-051123) and duplicate sample (OUTFALL-002A-24-051123-D) had relative percent differences of less than 30% for the reported compounds, except for HFPO-DA, which has been J qualified.

Analytical results for the seep, surface, and river water samples are summarized in Table A5 (Table 3+) and Attachment Table ATT1-11 (Mod 537). Figure A1 shows the Total Table 3+ (17 compounds) concentrations reported for samples collected in Q2 2023 that corresponds to the mass loading model transport pathways. Figure 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 non-detect below the associated reporting limits (upstream sample at CFR-MILE-76 on May 11, 2023) to 17 ng/L (downstream sample at CFR-TARHEEL on May 12, 2023).

For the creeks, the Total Table 3+ (17 compounds) concentrations were 2,500 ng/L and 1,300 ng/L at Willis Creek and Georgia Branch, respectively. These concentrations are within the range of concentrations observed during previous events (Geosyntec: 2020b; 2020c; 2020d; 2021a; 2021b; 2021c; 2021d; 2022a; 2022b; 2022c; 2022d; 2023b; 2023c).

During the sampling event, Seep B effluent and Seep C effluent were dry and could not be sampled. Among the Seeps A and D and Outfall 003 Stream, Seep D effluent had the lowest Total Table 3+ (17 compounds) concentrations (17 ng/L), While Seep A effluent had the highest Total Table 3+ (17 compounds) concentration (640 ng/L) where the flow was low at 0.07 cfs. The analytical

[1] As reported in the *Matrix Interference During Analysis of Table 3+ Compounds* memorandum (Geosyntec, 2020b), 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. Total Table 3+ PFAS concentrations are calculated and presented two ways in this report: (i) summing over 17 of the 20 Table 3+ compounds "Total Table 3+ (17 compounds)", i.e., excluding results of R-PSDA, Hydrolyzed PSDA, and R-EVE, and (ii) summing over 20 of the Table 3+ compounds "Total Table 3+ (20 compounds)"

results for the Seeps influent are not included in this report but are provided in *Interim Seep Remediation O&M Reports 14 and 15* (Geosyntec 2023a, 2023b).

Figure A3 shows the HFPO-DA concentrations in the four near-site/downstream river sampling locations. HFPO-DA concentrations were well below 10 ng/L ranging from non-detect below the associated reporting limits (near site CFR-MILE-76 on May 11, 2023) to 5.3 ng/L (CFR-TARHEEL).

Groundwater PFAS Analytical Results

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

- Three equipment blank samples were collected during the sampling event. No PFAS were detected above the associated reporting limits in any of the equipment blank samples.
- One field duplicate sample was collected at SMW-12 (May 17, 2023). PFAS results for the primary (CAP2Q23-SMW-12-051723) and duplicate sample (CAP2Q23-SMW-12-051723-D) had relative percent differences less than 30% for the reported compounds.

Individual PFAS and Total PFAS concentrations for the groundwater samples collected in Q2 2023 are summarized in Tables A6 (Table 3+), Attachment Table ATT1-12 (Mod 537), and Figure A4. Total Table 3+ (17 compounds) concentrations ranged from non-detect below the associated reporting limits (PW-09) to 230,000 ng/L (PZ-22). In general, the next highest concentrations were observed in the LTW, PZ, and PIW wells near the mouths of the seeps adjacent to the river (Figure A4).

On an aquifer basis, lower individual and Total Table 3+ (17 compounds) concentrations are observed in wells screened in the Surficial Aquifer. The results from the Q2 2023 monitoring are consistent with trends observed at these wells in previous monitoring events (Geosyntec: 2020b; 2020c; 2020d; 2021a; 2021b; 2021c; 2021d; 2022a; 2022b; 2022c; 2022d; 2023b; 2023c).

Groundwater Elevations

Groundwater elevations were calculated for onsite and offsite wells screened in the Perched Zone, Surficial Aquifer, and Black Creek Aquifer from the synoptic water level measurement survey performed in May 2023 (Table A4). Groundwater elevations from these synoptic water levels are presented on the Perched Zone, Surficial Aquifer, and Black Creek Aquifer maps (Figures A5-1, A5-2, and A5-3, respectively).

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 as a 'snapshot' in time. Analyte-specific mass discharges estimated from the Mass Loading Model are provided in Attachment ATT1.

Model-Estimated PFAS Mass Discharge

The model-estimated Total Table 3+ (17 compounds) mass discharge from the potential transport pathways during Q2 2023 is 0.66 mg/s (Attachment Table ATT1-13) and represents the mass discharge estimated downgradient of the remedies (i.e., after the water passes through the remedies, "after remedies"). This modeled mass discharge value of 0.66 mg/s is also the lowest of the after remedies mass discharge estimates from previous mass loading model events since Q2 2020 (after remedies: 2.3 to 24 mg/s) (Geosyntec: 2019b; 2020b; 2020c; 2020d; 2021b; 2021c; 2021d; 2021e; 2022b; 2022c; 2022d; 2023b; 2023c).

Comparison of Before Remedies and Current PFAS Mass Discharge

This section compares Q2 2023 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 Q2 2020 to Q4 2022 and the after remedies mass discharge for this quarter, Q2 2023. 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. The remaining pathways have mass discharges that are within the range of previous values.

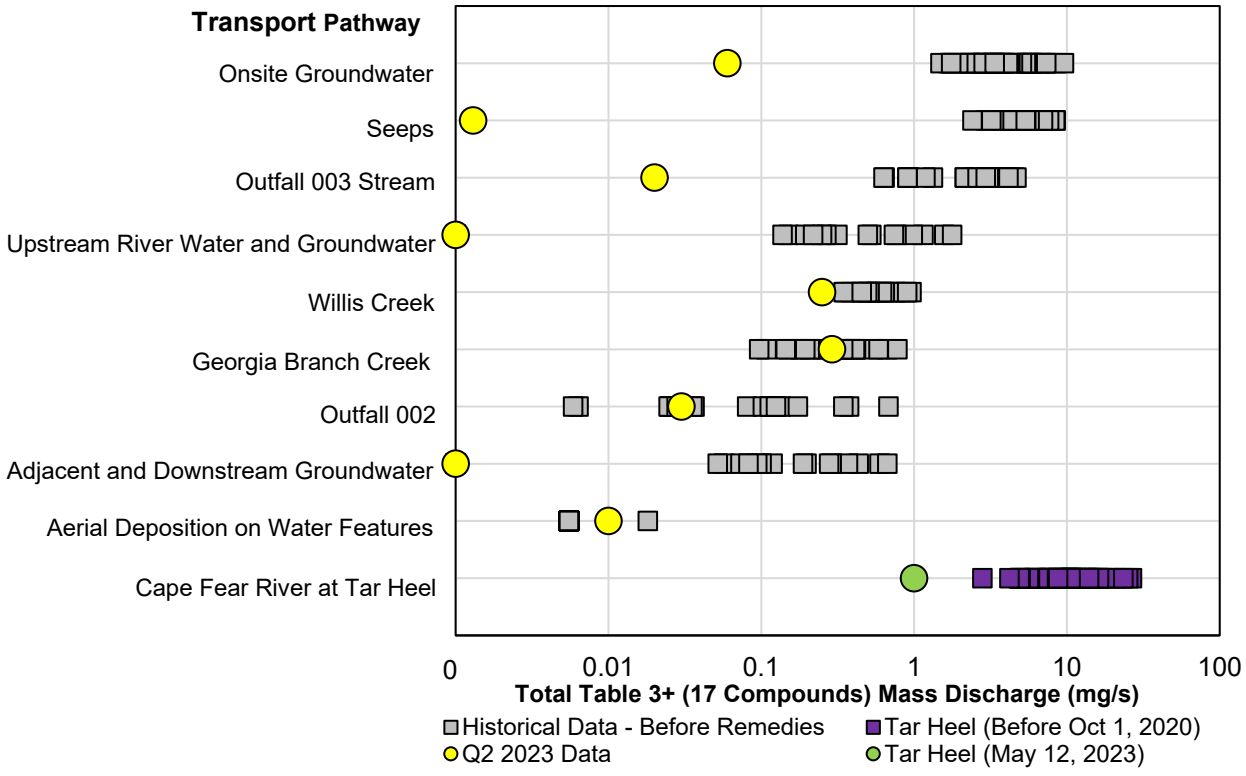
The in-text table and figure indicate three major findings:

1. The Q2 2023 mass discharges to the Cape Fear River are either equivalent to historical levels or significantly lower.
2. The remediated pathways (Seeps, Outfall 003 Stream and Onsite Groundwater) all show a significant mass discharge decreases in Q2 2023 compared to historical, pre-remediation ranges.
3. The total mass discharge to the Cape Fear River from the Site is much lower in Q2 2023 compared to before remedies mass discharges.

Model Transport Pathway	Before Remedies Total Table 3+ (17 Compounds) Mass Discharge (mg/s)[1]			Q2 2023 Total Table 3+ (17 Compounds) Mass Discharge (mg/s)
	Min	Median	Max	
Aerial Deposition	0.01	0.01	0.02	0.01
Upstream River and Groundwater	0	0.27	4.5	0
Willis Creek	0.31	0.57	0.96	0.25
Seeps	3.0	5.4	8.4	0.001
Onsite Groundwater	1.5	3.6	9.6	0.06
Outfall 002	0.006	0.10	0.68	0.03
Georgia Branch Creek	0.10	0.32	0.78	0.29
Outfall 003 Stream	0.63	2.5	4.7	0.02
Offsite Groundwater	0	0.10	1.7	0
Total[2]	**6.7**	**14**	**24**	**0.66**

1 – Before remedies mass discharge values taken from mass loading model assessments conducted between April 2020 to November 2022, which pre-date the installation of the groundwater extraction and barrier wall remedy which significantly altered the hydrologic conditions at site.

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



Variability in Input Parameters

The mass loading model assessments provide PFAS mass discharge estimates for a 'snapshot' in time. While controlling for 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).

SUMMARY

The objective of the mass loading model assessments is to provide PFAS mass discharge estimates for a 'snapshot' in time. In May 2023, 34 water samples collected from the PFAS transport pathways (seeps, creeks, Outfall 003 Stream, Outfall 002, groundwater) 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 Q2 2023 is 0.66 mg/s. The implementation of remedies (Outfall 003 treatment system, Seeps FTCs, and the groundwater extraction and barrier wall remedy) show a significant mass discharge decreases in Q2 2023 compared to historical, pre-remediation ranges. The pathways with remedies have substantially lower mass discharges than the before remedies mass discharges, and the remaining pathways have mass discharges that are within the range of previous values. Additional sampling events from future reporting quarters are required to continue evaluating mass discharge across the model transport pathways.

Quarterly sample collection and evaluation will continue through Q4 2026. The data will continue to be incorporated into the mass loading model to estimate mass discharge to the Cape Fear River, and sensitivity assessments on the model will continue to be evaluated annually.

References

Geosyntec. 2019. On and Offsite Assessment. Chemours Fayetteville Works. September 30, 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. 2020c. Cape Fear River Table 3+ PFAS Mass Loading Assessment – First Quarter 2020 Report, Chemours Fayetteville Works. July 31, 2020.

Geosyntec. 2020d. Cape Fear River PFAS Mass Loading Assessment – Second Quarter 2020 Report, Chemours Fayetteville Works. September 30, 2020.

Geosyntec. 2020e. Cape Fear River PFAS Mass Loading Assessment – Third Quarter 2020 Report, Chemours Fayetteville Works. December 23, 2020.

Geosyntec. 2021a. Stormwater Treatment System Capture and Removal Efficiency Report, Chemours Fayetteville Works. September 30, 2021.

Geosyntec, 2021b. Cape Fear River PFAS Mass Loading Assessment – Fourth Quarter 2020 Report, Chemours Fayetteville Works. March 31, 2021.

Geosyntec, 2021c. Cape Fear River PFAS Mass Loading Assessment – First Quarter 2021 Report, Chemours Fayetteville Works. June 30, 2021, 2021.

Geosyntec 2021d. Cape Fear River PFAS Mass Loading Assessment – Second Quarter 2021 Report, Chemours Fayetteville Works. September 30, 2021.

Geosyntec 2021e. Cape Fear River PFAS Mass Loading Assessment – Third Quarter 2021 Report, Chemours Fayetteville Works. December 23, 2021.

Geosyntec 2022a. Cape Fear River PFAS Mass Loading Assessment – Fourth Quarter 2021 Report, Chemours Fayetteville Works. March 31, 2022.

Geosyntec 2022b. Cape Fear River PFAS Mass Loading Assessment – First Quarter 2022 Report, Chemours Fayetteville Works. June 30, 2022.

Geosyntec 2022c. Cape Fear River PFAS Mass Loading Assessment – Second Quarter 2022 Report, Chemours Fayetteville Works. September 30, 2022.

Geosyntec 2022d. Cape Fear River PFAS Mass Loading Assessment – Third Quarter 2022 Report, Chemours Fayetteville Works. December 28, 2022.

Geosyntec. 2023a. Groundwater and Seeps Remediation Report #2. Chemours Fayetteville Works. September 30, 2023.

Geosyntec 2023b. Cape Fear River PFAS Mass Loading Assessment – Fourth Quarter 2022 Report, Chemours Fayetteville Works. March 31, 2023.

Geosyntec 2023c. Cape Fear River PFAS Mass Loading Assessment – First Quarter 2023 Report, Chemours Fayetteville Works. June 29, 2023.

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List of Attachments:

ATT1: Supplemental Tables to the Mass Loading Model

ATT2: Supporting Calculations – Direct Aerial Deposition on Cape Fear River

ATT3: Supporting Calculations – Onsite Groundwater Pathway

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[1]	Flow Data Source for Mass Loading Model[1]
1	Upstream River and Groundwater	Measured from Cape Fear River Mile 76 samples collected in May 2023 as reported in Table A5.	Measured flow rates from USGS gauging station at W.O. Huske Dam during May 2023 volumetrically adjusted for flow pathways between River Mile 76 and W.O. Huske Dam.[2]
2	Willis Creek	Measured from Willis Creek samples collected in May 2023 as reported in Table A5.	Measured flow rates through Marsh-McBirney method during May 2023 as reported in Attachment ATT1.
3	Aerial Deposition on River	Estimated from air deposition modeling[3].	Estimated from air deposition modeling[3].
4	Outfall 002	Measured from Outfall 002 samples collected in May 2023 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 May 2023 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.
6	Seeps	Measured from Seeps A, B, C, and D samples, Lock and Dam Seep and Lock and Dam North samples collected in May 2023 as reported in Table A5.	Measured flow rates through bucket and time for Lock and Dam Seep, and Lock and Dam North during May 2023 as reported in Appendix C. Flow-Through Cell flow data for Seeps A, B, C and D were used as the flumes were decommisioned following Q1 2023 CAP sampling event .
7	Outfall 003 Stream	Measured from Outfall 003 Stream samples collected in May 2023 as reported in Table A5.	Measured flow rates through Marsh-McBirney method during May 2023 as reported in Attachment ATT1.
8	Adjacent and Downstream Groundwater	Estimated using a scaling factor applied to upstream mass discharge. Refer to *Cape Fear River PFAS Mass Loading Calculation Protocol Version 2* (Geosyntec, 2020a) for details.	Estimated using a scaling factor applied to upstream mass discharge. Refer to *Cape Fear River PFAS Mass Loading Calculation Protocol Version 2* (Geosyntec, 2020a) for details.
9	Georgia Branch Creek	Measured from Georgia Branch Creek samples collected in May 2023 as reported in Table A5.	Measured flow rates through Marsh-McBirney method during May 2023 as reported in Attachment ATT1.

Notes:

1 - Flow and concentration data are multiplied together to estimate the PFAS mass discharge in the Cape Fear River originating from each pathway.

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

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

TABLE A2
SURFACE WATER SAMPLE SUMMARY, FIELD PARAMETERS, AND FLOW MEASUREMENTS - Q2 2023
Chemours Fayetteville Works, North Carolina

Pathway / Location	Location ID	Location Description	Sample ID	Sample Collection and Field Parameters									Flow Measurement Method[1]	
				Sample Date and Time	Sample Collection Method	Hours Composited[2]	pH (S.U.)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Specific Conductivity (µS/cm)	Temperature (°C)	Flow Measurement Method	Instantaneous Flow Rate (ft^3/s)[3]
Upstream River Water and Groundwater	CFR-RM-76	Cape Fear River Mile 76	CAP2Q23-CFR-RM-76-051123	5/11/2023 12:00	Grab	0	7.43	4.27	163	12.8	484.08	26.75	USGS Data[7]	2,080
Willis Creek	WC-1	Mouth of Willis Creek	CAP2Q23-WC-1-24-051223	5/12/2023 7:00	Composite	24	6.74	7.37	60.8	15.9	412.4	17.1	Marsh-McBirney Flow	3.5
Intake River Water at Facility	INTAKE AT FACILITY	Water Drawn Through the Intake Sampled at the Power Area at the Site	RIVER-WATER-INTAKE2-24-051223	5/12/2023 11:22	Composite	24	7.55	7.7	95.6	17.7	151.4	29.83	Facility DMRs	20
Outfall 002[3]	OUTFALL-002A	Upstream of Outfall 002 in open channel	CAP2Q23-OUTFALL-002A-24-051123	5/12/2023 7:56	Composite	24	7.47	7.55	94.2	13.3	167.85	34.96	Facility DMRs	20
Stormwater Treatment System[4]	STS Discharge	Monomers/IXM Stormwater Treatment System Effluent	--	--	--	--	--	--	--	--	--	--	--	--
Seep A	SEEP-A	Effluent Basin of Seep A FTC	CAP2Q23-SEEP-A-EFF-24-051623	5/16/2023 13:58	Composite	24	--	--	--	--	--	--	FTC[8]	0.07
Seep B[5]	SEEP-B	Effluent Basin of Seep B FTC	--	--	--	--	--	--	--	--	--	--	--	--
Seep C[5]	SEEP-C	Effluent Basin of Seep C FTC	--	--	--	--	--	--	--	--	--	--	--	--
Seep D	SEEP-D	Effluent Basin of Seep D FTC	CAP2Q23-SEEP-D-EFF-24-051623	5/16/2023 12:35	Composite	24	--	--	--	--	--	--	FTC[8]	0.07
Lock and Dam Seep	LOCK-DAM-SEEP	Southside of the boat ramp at the Lock and Dam Seep	CAP2Q23-Lock-Dam Seep-051123	5/11/2023 14:30	Grab	0	6.74	2.47	336.2	61.6	310.92	27.01	--	0.0028
Lock and Dam North[6]	LOCK-DAM-NORTH	Northside of the boat ramp at the Lock and Dam Seep	--	--	--	--	--	--	--	--	--	--	--	--
Outfall 003 Stream	OLDOF-1	Mouth of Outfall 003 stream	CAP2Q23-OLDOF-1-24-051223	5/12/2023 12:57	Composite	24	--	--	--	--	--	--	Marsh-McBirney Flow	0.038
Georgia Branch Creek	GBC-1	Mouth of Georgia Branch Creek	CAP2Q23-GBC-1-051123	5/11/2023 16:15	Grab	0	4.81	7	225.9	9.87	283.5	25.84	Marsh-McBirney Flow	7.9
Tar Heel Ferry Road Bridge	CFR-TARHEEL	Cape Fear River at Tar Heel Ferry Road Bridge	CAP2Q23-CFR-TARHEEL-051123	5/11/2023 17:20	Grab	0	7.19	6.89	126.2	16	123.4	25.01	USGS Data[9]	2,080
			CAP2Q23-CFR-TARHEEL-24-051223	5/12/2023 15:30	Composite	24	7.28	6.42	116.7	25.9	480.16	24.08	USGS Data[9]	2,080
Bladen Bluffs	CFR-BLADEN	Cape Fear River at Bladen Bluffs	CAP2Q23-CFR-BLADEN-051123	5/11/2023 17:00	Grab	0	7.08	7.02	109.6	12.4	131.32	24.81	USGS Data[10]	2,070
Kings Bluffs	CFR-KINGS	Cape Fear River at Kings Bluff Raw Water	CAP2Q23-CFR-KINGS-051623	5/16/2023 14:05	Grab	0	7.13	5.63	38.8	10.6	137.65	28.37	USGS Data[11]	1,590

Notes:

1 - Flow measurement methods are described in Table A1. Supplemented flow measurement data are included in Attachment ATT1.

2 - Samples with a compositing duration of zero (0) hours are grab samples.

3 - Outfall 002 was sampled at an alternate location upstream of the sump because the outfall was closed during construction of the Barrier Wall.

4 - The Stormwater Treatment System (SWTS) samples are collected over the typical daily operation period. During the February 2023 sampling event there was no stormwater flow to the stormwater treatment system.

5 - There was insufficient flow observed at Seeps B and C FTC effluent basins at the time of sampling and therefore samples were not collected and flow rate was not calculated.

6 - A sample was not collected and flow was not measured at Lock and Dam North because the seep was dry.

7 - 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.

8 - FTCs were used as the flumes installed at the Seeps A and D were decomissioned following Q2 2022 sampling event.

9 - 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.

10 - 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.

11 - 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.

-- - 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

TABLE A3
GROUNDWATER ELEVATIONS - Q2 2023
Chemours Fayetteville Works, North Carolina

Area[1]	Water Bearing Unit[2]	Well ID	Gauging Date	Northing (ft, SPCS NAD83)[3]	Easting (ft, SPCS NAD83)[3]	Screened Interval (ft)	TOC Elevation (ft, NAVD 88)[4]	Depth to Water (ft from TOC)	Water Level (ft, NAVD88)[4]
Onsite	Black Creek Aquifer	BCA-01	05/08/23	399779.96	2050662.48	91-101	146.25	NM	NM
Onsite	Black Creek Aquifer	BCA-02	05/08/23	396242.02	2051062.07	92-102	148.37	NM	NM
Onsite	Black Creek Aquifer	BCA-03R	05/08/23	398582.23	2049522.22	88-98	150.82	55.28	95.54
Onsite	Black Creek Aquifer	BCA-04	05/08/23	395877.67	2047823.03	94-104	150.31	33.98	116.33
Offsite	Black Creek Aquifer	BLADEN-1DR	05/08/23	387522.25	2050247.40	NM	76.96	20.72	56.24
Offsite	Surficial Aquifer	BLADEN-1S	05/08/23	387518.97	2050233.35	5-10	76.74	10.14	66.60
Offsite	Black Creek Aquifer	BLADEN-2D	05/08/23	368827.09	2042878.34	70-75	138.27	17.85	120.42
Offsite	Surficial Aquifer	BLADEN-2S	05/08/23	368821.46	2042882.92	10-20	138.04	5.19	132.85
Offsite	Black Creek Aquifer	BLADEN-3D	05/08/23	396856.98	2059006.56	33.75-43.75	75.52	10.08	65.44
Offsite	Surficial Aquifer	BLADEN-3S	05/08/23	396862.31	2059012.93	5-15	74.27	8.52	65.75
Offsite	Black Creek Aquifer	BLADEN-4D	05/08/23	363255.12	2087636.87	46.75-51.75	59.66	1.30	58.36
Offsite	Surficial Aquifer	BLADEN-4S	05/08/23	363263.19	2087637.46	4.75-14.75	59.68	5.24	54.44
Offsite	Black Creek Aquifer	CUMBERLAND-1D	05/08/23	431459.95	2011071.39	40-50	174.60	5.96	168.64
Offsite	Surficial Aquifer	CUMBERLAND-1S	05/08/23	431459.95	2011071.39	15-25	174.73	5.59	169.14
Offsite	Black Creek Aquifer	CUMBERLAND-2D	05/08/23	449987.54	2074019.14	47-57	129.23	4.02	125.21
Offsite	Surficial Aquifer	CUMBERLAND-2S	05/08/23	449979.10	2074020.86	7-17	129.06	4.01	125.05
Offsite	Black Creek Aquifer	CUMBERLAND-3D	05/08/23	423248.12	2060409.16	22-27	78.79	7.69	71.10
Offsite	Surficial Aquifer	CUMBERLAND-3S	05/08/23	423254.64	2060413.30	9-14	79.06	7.59	71.47
Offsite	Black Creek Aquifer	CUMBERLAND-4D	05/08/23	413095.77	2078249.95	57-67	119.22	14.83	104.39
Offsite	Surficial Aquifer	CUMBERLAND-4S	05/08/23	413086.63	2078255.53	10-20	119.36	8.13	111.23
Offsite	Black Creek Aquifer	CUMBERLAND-5DR	05/08/23	405619.17	2138238.59	NM	106.67	5.42	101.25
Offsite	Surficial Aquifer	CUMBERLAND-5S	05/08/23	405623.27	2138233.37	14-24	106.65	9.62	97.03
Onsite	Black Creek Aquifer	EW-1	05/08/23	399934.65	2051297.51	40-60	91.33	33.83	57.50
Onsite	Black Creek Aquifer	EW-2	05/08/23	396164.48	2052232.61	40-65	77.25	NM	NM
Onsite	Black Creek Aquifer	EW-3	05/08/23	395059.78	2052214.66	37-67	76.48	NM	NM
Onsite	Black Creek Aquifer	EW-4	05/08/23	398581.51	2051805.58	53-73	80.64	42.21	38.43
Onsite	Black Creek Aquifer	EW-5	05/08/23	397200.16	2052052.65	37-67	78.50	46.85	31.65
Onsite	Perched Zone	FTA-01	05/09/23	397906.09	2049370.01	12.0-22.0	149.60	16.51	133.09
Onsite	Perched Zone	FTA-02	05/09/23	397784.99	2049203.29	11.5-22.0	149.30	17.53	131.77
Onsite	Perched Zone	FTA-03	05/09/23	397766.23	2049310.46	12.0-22.0	150.10	17.61	132.49
Onsite	Surficial Aquifer	INSITU-01	05/08/23	401657.39	2046078.99	7.0-17.0	89.12	10.01	79.11
Onsite	Surficial Aquifer	INSITU-02	05/08/23	401863.46	2049136.62	7.0-17.0	113.12	NM	NM
Onsite	Floodplain Deposits	LTW-01	05/08/23	399565.01	2052150.62	11.0-26.0	52.71	16.53	36.18
Onsite	Black Creek Aquifer	LTW-02	05/08/23	398847.57	2052355.48	28.0-38.0	51.39	11.99	39.40
Onsite	Floodplain Deposits	LTW-03	05/08/23	398114.45	2052558.35	15.0-30.0	51.75	14.72	37.03
Onsite	Floodplain Deposits	LTW-04	05/08/23	397279.61	2052584.95	12.0-27.0	50.66	13.17	37.49
Onsite	Black Creek Aquifer	LTW-05	05/08/23	396430.31	2052740.40	29.0-44.0	50.94	14.04	36.90
Onsite	Perched Zone	MW-11	05/08/23	396544.40	2049051.06	11.5-21.5	148.53	23.44	125.09
Onsite	Perched Zone	MW-12S	05/08/23	397262.90	2049269.37	17.5-22.5	151.08	20.04	131.04
Onsite	Surficial Aquifer	MW-13D	05/08/23	397119.02	2049821.12	57-67	148.65	48.81	99.84
Onsite	Surficial Aquifer	MW-14D	05/08/23	396974.49	2049074.56	62-72	149.73	45.48	104.25
Onsite	Surficial Aquifer	MW-15DRR	05/08/23	398580.71	2049511.75	52.5-62.5	150.92	53.00	97.92
Onsite	Surficial Aquifer	MW-16D	05/08/23	398493.70	2048402.84	72-82	148.41	41.38	107.03
Onsite	Surficial Aquifer	MW-17D	05/08/23	398401.74	2047366.50	57-67	146.12	35.06	111.06
Onsite	Surficial Aquifer	MW-18D	05/08/23	400947.30	2046574.35	50-60	108.10	23.31	84.79
Onsite	Surficial Aquifer	MW-19D	05/08/23	401151.43	2048272.93	46-56	139.36	55.31	84.05
Onsite	Perched Zone	MW-1S	05/08/23	397080.69	2049117.99	21.0-24.0	148.88	18.85	130.03
Onsite	Surficial Aquifer	MW-20D	05/08/23	400791.01	2048733.71	65-75	137.20	52.19	85.01
Onsite	Surficial Aquifer	MW-21D	05/08/23	399501.88	2047074.92	72-82	151.42	50.14	101.28
Onsite	Surficial Aquifer	MW-22D	05/08/23	398518.40	2048362.48	52-72	149.09	41.29	107.80
Onsite	Perched Zone	MW-23	05/08/23	396237.61	2051063.25	9.5-14.5	148.34	14.07	134.27
Onsite	Perched Zone	MW-24	05/08/23	397303.94	2048767.69	18.8-23.8	150.31	21.36	128.95
Onsite	Perched Zone	MW-25	05/08/23	396753.37	2050989.82	12-17	147.59	13.90	133.69
Onsite	Perched Zone	MW-26	05/08/23	396265.18	2051484.67	5-10	147.70	11.69	136.01
Onsite	Perched Zone	MW-27	05/08/23	396010.33	2051472.00	10-15	146.83	14.41	132.42
Onsite	Perched Zone	MW-28	05/08/23	395719.79	2051165.93	9-14	144.70	14.18	130.52
Onsite	Perched Zone	MW-30	05/08/23	397340.79	2050776.09	10-15	147.67	13.17	134.50
Onsite	Perched Zone	MW-31	05/08/23	396390.70	2049622.88	17-22	147.70	NM	NM
Onsite	Perched Zone	MW-32	05/08/23	396359.58	2049651.79	13-18.5	147.11	NM	NM
Onsite	Perched Zone	MW-33	05/08/23	396337.51	2049678.56	12-17	146.82	NM	NM
Onsite	Perched Zone	MW-34	05/08/23	396352.90	2049619.09	17-22	147.97	NM	NM
Onsite	Perched Zone	MW-35	05/08/23	396332.94	2049631.16	14-19	147.54	15.53	132.01
Onsite	Perched Zone	MW-36	05/08/23	396320.09	2049651.17	12-17	147.89	15.82	132.07
Onsite	Perched Zone	MW-7S	05/08/23	397444.52	2049809.73	NM	147.47	10.62	136.85
Onsite	Perched Zone	MW-8S	05/08/23	397096.48	2049867.77	NM	146.48	NM	NM
Onsite	Perched Zone	MW-9S	05/08/23	396760.16	2049734.30	17.5-22.5	154.39	21.22	133.17
Onsite	Perched Zone	NAF-01	05/08/23	398348.58	2050339.68	5.0-15.0	148.65	9.13	139.52
Onsite	Perched Zone	NAF-02	05/08/23	398660.16	2050634.55	5.0-15.0	149.28	9.73	139.55
Onsite	Perched Zone	NAF-03	05/08/23	398578.63	2050743.04	5.0-15.0	149.41	17.92	131.49
Onsite	Perched Zone	NAF-04	05/08/23	398445.89	2050713.13	5.0-15.0	146.77	6.99	139.78
Onsite	Perched Zone	NAF-06	05/08/23	398808.81	2050913.93	2.75-12.75	145.43	11.59	133.84
Onsite	Perched Zone	NAF-07	05/08/23	398898.69	2050618.12	5.5-15.5	149.03	9.53	139.50
Onsite	Perched Zone	NAF-08A	05/08/23	398098.22	2050886.93	5.0-15.0	147.74	8.46	139.28
Onsite	Surficial Aquifer	NAF-08B	05/08/23	398095.97	2050880.18	43.5-53.5	147.83	55.42	92.41
Onsite	Perched Zone	NAF-09	05/08/23	397708.78	2050807.44	7.0-17.0	148.62	11.64	136.98
Onsite	Perched Zone	NAF-10	05/08/23	397611.81	2050425.20	8.25-18.25	149.25	11.97	137.28
Onsite	Perched Zone	NAF-11A	05/08/23	398907.08	2050999.77	2.5-7.5	139.74	5.90	133.84
Onsite	Surficial Aquifer	NAF-11B	05/08/23	398911.13	2050995.88	33.5-43.5	140.74	NM	NM
Onsite	Perched Zone	NAF-12	05/08/23	398270.56	2050777.49	18-23	145.79	6.19	139.60
Onsite	Black Creek Aquifer	OW-1	05/08/23	399930.53	2051287.87	40-50	95.01	37.21	57.80
Onsite	Black Creek Aquifer	OW-10	05/08/23	399948.17	2051291.21	40-50	94.39	36.62	57.77
Onsite	Black Creek Aquifer	OW-11	05/08/23	401683.39	2049913.61	74-84	94.92	48.40	46.52
Onsite	Black Creek Aquifer	OW-12	05/08/23	401731.33	2050721.09	50-60	83.65	54.10	29.55
Onsite	Black Creek Aquifer	OW-13	05/08/23	400769.33	2051210.62	50-60	85.12	52.47	32.65
Onsite	Black Creek Aquifer	OW-14	05/08/23	400311.42	2051608.03	46-56	80.67	46.66	34.01
Onsite	Black Creek Aquifer	OW-15	05/08/23	399719.91	2051608.62	34-44	87.86	30.50	57.36
Onsite	Black Creek Aquifer	OW-16	05/08/23	399828.66	2051993.25	15-25	52.94	16.83	36.11
Onsite	Black Creek Aquifer	OW-17	05/08/23	399433.03	2051661.47	58-68	89.67	56.60	33.07
Onsite	Black Creek Aquifer	OW-18	05/08/23	398846.69	2051836.19	45-55	90.88	44.14	46.74
Onsite	Black Creek Aquifer	OW-19	05/08/23	398067.23	2051976.50	70-80	86.68	54.77	31.91

TABLE A3
GROUNDWATER ELEVATIONS - Q2 2023
Chemours Fayetteville Works, North Carolina

Area[1]	Water Bearing Unit[2]	Well ID	Gauging Date	Northing (ft, SPCS NAD83)[3]	Easting (ft, SPCS NAD83)[3]	Screened Interval (ft)	TOC Elevation (ft, NAVD 88)[4]	Depth to Water (ft from TOC)	Water Level (ft, NAVD88)[4]
Onsite	Black Creek Aquifer	OW-2	05/08/23	398572.28	2051801.62	63-73	84.37	48.78	35.59
Onsite	Black Creek Aquifer	OW-20	05/08/23	398229.85	2052080.86	48-58	69.59	31.50	38.09
Onsite	Black Creek Aquifer	OW-21	05/08/23	397521.83	2051950.75	57-67	80.85	48.44	32.41
Onsite	Black Creek Aquifer	OW-22	05/08/23	397325.34	2052218.74	43-53	66.63	28.37	38.26
Onsite	Black Creek Aquifer	OW-23	05/08/23	396776.73	2052355.66	45-55	67.83	30.30	37.53
Onsite	Black Creek Aquifer	OW-24	05/08/23	396677.42	2052158.17	50-60	78.67	47.90	30.77
Onsite	Black Creek Aquifer	OW-25	05/08/23	396182.38	2052428.46	45-55	70.91	34.83	36.08
Onsite	Black Creek Aquifer	OW-26	05/08/23	395503.74	2052268.81	50-60	80.85	37.89	42.96
Onsite	Black Creek Aquifer	OW-27	05/08/23	395555.17	2052622.16	33-43	55.60	19.58	36.02
Onsite	Black Creek Aquifer	OW-28	05/08/23	395570.57	2052838.21	20-30	48.49	10.48	38.01
Onsite	Black Creek Aquifer	OW-29	05/08/23	395193.45	2052143.81	42-52	85.67	37.97	47.70
Onsite	Black Creek Aquifer	OW-3	05/08/23	398601.08	2051812.32	63-73	84.64	49.48	35.16
Offsite	Black Creek Aquifer	OW-30	05/08/23	394988.72	2052537.53	49-59	70.92	33.80	37.12
Onsite	Black Creek Aquifer	OW-31	05/08/23	394812.07	2051595.90	85-95	106.10	62.51	43.59
Offsite	Black Creek Aquifer	OW-33	05/08/23	395116.90	2052806.54	19-29	48.59	11.20	37.39
Onsite	Surficial Aquifer	OW-34	05/08/23	398593.54	2051813.31	23-33	83.76	16.33	67.43
Onsite	Surficial Aquifer	OW-35	05/08/23	398060.78	2051977.75	20-30	87.45	19.10	68.35
Onsite	Surficial Aquifer	OW-36	05/08/23	397257.46	2051997.45	11-21	80.61	19.06	61.55
Onsite	Black Creek Aquifer	OW-38	05/08/23	394885.22	2051883.97	60-70	123.70	62.20	61.50
Onsite	Black Creek Aquifer	OW-4	05/08/23	395049.16	2052210.81	47-57	80.85	NM	NM
Offsite	Black Creek Aquifer	OW-40	05/08/23	394588.05	2052521.39	49-59	72.88	33.68	39.20
Onsite	Black Creek Aquifer	OW-41	05/08/23	401683.74	2050119.92	82-92	93.66	47.28	46.38
Onsite	Black Creek Aquifer	OW-42	05/08/23	401696.05	2050448.24	58-68	87.37	41.55	45.82
Onsite	Black Creek Aquifer	OW-43	05/08/23	400937.73	2051116.17	40-50	76.94	44.60	32.34
Onsite	Black Creek Aquifer	OW-44	05/08/23	399741.48	2051736.45	34-44	73.18	36.49	36.69
Onsite	Black Creek Aquifer	OW-45	05/08/23	398836.07	2051955.99	50-60	77.10	37.60	39.50
Onsite	Black Creek Aquifer	OW-46	05/08/23	398164.94	2052050.69	59-69	72.05	33.98	38.07
Onsite	Black Creek Aquifer	OW-47	05/08/23	397243.89	2052136.32	49-59	71.47	33.83	37.64
Onsite	Black Creek Aquifer	OW-48	05/08/23	396698.39	2052275.93	42-52	69.54	32.16	37.38
Onsite	Black Creek Aquifer	OW-49	05/08/23	396180.56	2052348.51	53-63	79.56	32.58	46.98
Onsite	Black Creek Aquifer	OW-5	05/08/23	395070.03	2052196.97	54-64	81.61	NM	NM
Onsite	Black Creek Aquifer	OW-55	05/08/23	401761.92	2050875.02	43-58	75.45	46.68	28.77
Onsite	Black Creek Aquifer	OW-57	05/08/23	401781.20	2050174.65	33-43	68.87	24.38	44.49
Onsite	Black Creek Aquifer	OW-6	05/08/23	396168.41	2052223.54	50-60	80.53	NM	NM
Onsite	Black Creek Aquifer	OW-7	05/08/23	397180.06	2052052.69	57-67	81.45	50.15	31.30
Onsite	Black Creek Aquifer	OW-8	05/08/23	397202.33	2052041.98	57-67	82.30	51.75	30.55
Onsite	Black Creek Aquifer	OW-9	05/08/23	395075.14	2052211.07	54-64	79.78	NM	NM
Onsite	Black Creek Aquifer	PIW-10DR	05/08/23	395093.99	2052297.30	53-58	75.91	NM	NM
Onsite	Surficial Aquifer	PIW-10S	05/08/23	395104.95	2052296.98	7-17	76.32	18.70	57.62
Onsite	Black Creek Aquifer	PIW-11	05/08/23	401911.03	2050416.29	47-57	67.02	23.86	43.16
Onsite	Black Creek Aquifer	PIW-12	05/08/23	401703.10	2051025.77	64-74	83.78	56.55	27.23
Onsite	Black Creek Aquifer	PIW-13	05/08/23	401464.29	2051122.60	54-64	83.18	56.60	26.58
Onsite	Black Creek Aquifer	PIW-14	05/08/23	401163.98	2051186.57	56-66	87.43	57.00	30.43
Onsite	Black Creek Aquifer	PIW-15	05/08/23	400706.51	2051532.80	34-44	67.85	35.37	32.48
Onsite	Black Creek Aquifer	PIW-16D	05/08/23	396257.96	2046587.07	90-100	150.06	25.64	124.42
Onsite	Surficial Aquifer	PIW-16S	05/08/23	396267.84	2046586.09	35-45	149.74	22.31	127.43
Onsite	Black Creek Aquifer	PIW-1D	05/08/23	400548.00	2051801.28	24.5-29.5	52.16	18.91	33.25
Onsite	Floodplain Deposits	PIW-1S	05/08/23	400541.03	2051792.39	7.8-17.8	54.04	20.87	33.17
Onsite	Black Creek Aquifer	PIW-2D	05/08/23	399925.40	2051315.80	40-50	96.19	38.41	57.78
Onsite	Black Creek Aquifer	PIW-3D	05/08/23	399711.25	2052086.94	19-24	53.42	17.30	36.12
Onsite	Black Creek Aquifer	PIW-4D	05/08/23	398816.52	2052101.94	32.3-37.3	52.85	13.50	39.35
Onsite	Surficial Aquifer	PIW-5SR	05/08/23	398545.10	2051977.53	9.8-19.8	79.02	28.10	50.92
Onsite	Floodplain Deposits	PIW-6S	05/08/23	398117.93	2052539.79	18-28	53.40	16.35	37.05
Onsite	Black Creek Aquifer	PIW-7D	05/08/23	396787.77	2052595.65	29-34	48.93	11.35	37.58
Onsite	Floodplain Deposits	PIW-7S	05/08/23	396786.97	2052589.10	7-17	47.97	10.98	36.99
Onsite	Black Creek Aquifer	PIW-8D	05/08/23	396403.37	2052682.10	35.5-40	48.66	11.76	36.90
Onsite	Black Creek Aquifer	PIW-9D	05/08/23	396155.84	2052250.84	40-45	79.64	NM	NM
Onsite	Surficial Aquifer	PIW-9S	05/08/23	396148.52	2052251.03	24.8-29.8	79.64	NM	NM
Onsite	Perched Zone	PW-01	05/08/23	399064.80	2049654.30	11-21	149.55	14.75	134.80
Onsite	Surficial Aquifer	PW-02	05/08/23	399779.06	2050649.47	50-60	146.43	61.89	84.54
Onsite	Surficial Aquifer	PW-03	05/08/23	397339.81	2050765.32	35-45	147.97	43.34	104.63
Onsite	Surficial Aquifer	PW-04	05/08/23	394659.55	2050940.66	17-27	97.75	29.98	67.77
Onsite	Surficial Aquifer	PW-05	05/08/23	395873.10	2047812.93	65-75	150.34	35.15	115.19
Onsite	Surficial Aquifer	PW-06	05/08/23	392868.00	2045288.77	19-29	147.69	20.71	126.98
Onsite	Surficial Aquifer	PW-07	05/08/23	390847.71	2049258.26	28-38	148.16	41.78	106.38
Onsite	Black Creek Aquifer	PW-09	05/08/23	402000.08	2048979.11	44-54	72.93	25.36	47.57
Onsite	Black Creek Aquifer	PW-10RR	05/08/23	398532.45	2051965.91	57-67	80.47	44.84	35.63
Onsite	Black Creek Aquifer	PW-11	05/08/23	394354.36	2052226.72	53-63	73.26	NM	NM
Onsite	Black Creek Aquifer	PW-12	05/08/23	399500.45	2047063.51	109-119	150.61	61.82	88.79
Onsite	Black Creek Aquifer	PW-13	05/08/23	397584.26	2048029.18	120-130	149.36	38.58	110.78
Onsite	Black Creek Aquifer	PW-14	05/08/23	397325.65	2050766.36	136-146	147.97	NM	NM
Onsite	Black Creek Aquifer	PW-15R	05/08/23	398900.88	2051011.75	110-120	136.14	NM	NM
Onsite	Surficial Aquifer	PZ-1	05/08/23	394928.45	2051910.97	28-38	126.65	NM	NM
Onsite	Perched Zone	PZ-11	05/08/23	398646.25	2049820.94	15-20	151.03	10.30	140.73
Onsite	Perched Zone	PZ-12	05/08/23	399091.19	2048978.89	15.1-20.1	149.89	18.99	130.90
Onsite	Perched Zone	PZ-13	05/08/23	397707.82	2050985.25	7.1-12.1	148.14	11.01	137.13
Onsite	Perched Zone	PZ-14	05/08/23	397589.92	2050618.27	9.0-14.0	148.38	10.59	137.79
Onsite	Perched Zone	PZ-15	05/08/23	396806.39	2050107.50	10.2-15.2	147.76	13.48	134.28
Onsite	Perched Zone	PZ-17	05/08/23	396614.82	2048872.69	21.1-26.1	150.08	NM	NM
Onsite	Perched Zone	PZ-19R	05/09/23	397998.66	2049919.52	16-21	150.05	13.40	136.65
Onsite	Surficial Aquifer	PZ-2	05/08/23	396631.77	2052167.77	15-25	78.05	16.06	61.99
Onsite	Perched Zone	PZ-20R	05/09/23	398185.81	2049784.60	15-20	151.29	14.69	136.60
Onsite	Perched Zone	PZ-21R	05/09/23	398445.16	2049883.13	17-22	150.67	13.13	137.54
Onsite	Black Creek Aquifer	PZ-22	05/08/23	397271.94	2052585.34	42.5-47.5	50.70	13.10	37.60
Onsite	Perched Zone	PZ-24	05/08/23	396117.94	2050744.07	11-16	147.53	14.06	133.47
Onsite	Perched Zone	PZ-25R	05/08/23	395971.54	2050748.23	NM	147.51	NM	NM
Onsite	Perched Zone	PZ-26	05/08/23	396059.78	2050382.35	11-16	147.70	11.84	135.86
Onsite	Perched Zone	PZ-27	05/08/23	395922.11	2050376.76	12-17	147.17	13.26	133.91
Onsite	Perched Zone	PZ-28	05/08/23	396304.55	2049933.79	13-18	148.64	13.19	135.45
Onsite	Perched Zone	PZ-29	05/08/23	396377.59	2049771.59	12-18	147.74	NM	NM

TABLE A3
GROUNDWATER ELEVATIONS - Q2 2023
Chemours Fayetteville Works, North Carolina

Area[1]	Water Bearing Unit[2]	Well ID	Gauging Date	Northing (ft, SPCS NAD83)[3]	Easting (ft, SPCS NAD83)[3]	Screened Interval (ft)	TOC Elevation (ft, NAVD 88)[4]	Depth to Water (ft from TOC)	Water Level (ft, NAVD88)[4]
Onsite	Perched Zone	PZ-31	05/08/23	396428.73	2049594.36	14-19	148.00	NM	NM
Onsite	Perched Zone	PZ-32	05/08/23	396418.47	2049713.79	13-18	148.47	NM	NM
Onsite	Perched Zone	PZ-33	05/08/23	396308.92	2049707.66	12.5-17.5	146.72	NM	NM
Onsite	Perched Zone	PZ-34	05/08/23	396292.05	2049595.04	13.5-18.5	147.70	NM	NM
Onsite	Perched Zone	PZ-35	05/09/23	398232.64	2050020.49	13-18	150.43	12.97	137.46
Onsite	Perched Zone	PZ-36	05/08/23	396086.17	2051331.44	5-8.5	135.20	NM	NM
Onsite	Perched Zone	PZ-37	05/08/23	396042.40	2051050.05	5-8	135.56	NM	NM
Onsite	Perched Zone	PZ-38	05/08/23	395970.01	2050569.66	5-9	137.34	NM	NM
Onsite	Perched Zone	PZ-39	05/08/23	395921.87	2050238.18	5-10	137.93	NM	NM
Onsite	Perched Zone	PZ-40	05/08/23	395943.02	2050031.90	5-9	138.51	NM	NM
Onsite	Perched Zone	PZ-41	05/08/23	395979.29	2050048.97	5-8.5	138.13	NM	NM
Onsite	Perched Zone	PZ-42	05/08/23	395961.73	2050230.23	3-7	138.17	NM	NM
Onsite	Perched Zone	PZ-43	05/08/23	396011.61	2050567.89	5-9	137.06	NM	NM
Onsite	Perched Zone	PZ-44	05/08/23	396082.75	2051045.25	5-7	136.26	NM	NM
Onsite	Perched Zone	PZ-45	05/08/23	396124.41	2051323.03	2-4	135.69	NM	NM
Onsite	Surficial Aquifer	PZ-L	05/08/23	396745.80	2048684.01	13-28	147.86	30.05	117.81
Offsite	Black Creek Aquifer	ROBESON-1D	05/08/23	381416.28	2020158.93	42.75-52.75	156.36	14.91	141.45
Offsite	Surficial Aquifer	ROBESON-1S	05/08/23	381408.19	2020156.86	17-27	156.66	13.05	143.61
Onsite	Surficial Aquifer	SMW-01	05/08/23	395297.97	2043688.29	5.0-15.0	150.58	13.55	137.03
Onsite	Perched Zone	SMW-02	05/08/23	399982.23	2050655.91	5.0-20.0	144.59	NM	NM
Onsite	Surficial Aquifer	SMW-02B	05/08/23	399983.75	2050654.77	43.0-53.0	147.93	55.96	91.97
Onsite	Perched Zone	SMW-03	05/08/23	399779.32	2049445.32	10.0-20.0	151.09	NM	NM
Onsite	Black Creek Aquifer	SMW-03B	05/08/23	399785.75	2049421.54	72-82	150.43	63.57	86.86
Onsite	Perched Zone	SMW-04A	05/08/23	399668.71	2048387.57	19.5-34.5	148.09	NM	NM
Onsite	Surficial Aquifer	SMW-04B	05/08/23	399666.21	2048392.37	43.0-53.0	147.65	51.07	96.58
Onsite	Perched Zone	SMW-05	05/08/23	399334.07	2048557.33	10.0-20.0	148.10	22.94	125.16
Onsite	Surficial Aquifer	SMW-05PR	05/08/23	399391.46	2049235.07	45.0-60.0	149.66	49.62	100.04
Onsite	Perched Zone	SMW-06	05/08/23	399172.35	2048759.48	12.0-22.0	150.97	NM	NM
Onsite	Surficial Aquifer	SMW-06B	05/08/23	399144.74	2048764.94	58-68	150.32	52.93	97.39
Onsite	Perched Zone	SMW-07	05/08/23	398931.13	2048611.74	13.0-23.0	146.79	19.09	127.70
Onsite	Perched Zone	SMW-08	05/08/23	399064.97	2048468.78	21.0-31.0	151.02	NM	NM
Onsite	Surficial Aquifer	SMW-08B	05/08/23	399058.33	2048478.84	58-68	148.81	46.28	102.53
Onsite	Surficial Aquifer	SMW-09	05/08/23	401076.89	2050017.41	52-62	141.43	61.45	79.98
Onsite	Black Creek Aquifer	SMW-10	05/08/23	402307.31	2047923.84	39-49	76.26	29.74	46.52
Onsite	Surficial Aquifer	SMW-11	05/08/23	401996.15	2048975.38	13-23	71.95	15.29	56.66
Onsite	Black Creek Aquifer	SMW-12	05/08/23	401314.20	2051007.22	88-98	118.22	88.74	29.48

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.
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, FIELD PARAMETERS, AND FLOW MEASUREMENTS - Q2 2023
Chemours Fayetteville Works, North Carolina

Area	Location ID	Water Bearing Unit[1]	Adjacent Surface Water Feature	Synoptic Water Level Date	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	5/8/2023	CAP2Q23-BLADEN-1DR-051923		5/19/2023 11:16	6.23	0.10	-160.20	13.20	67.10	19.03
Onsite	LTW-01	Floodplain Deposits	Cape Fear River	5/8/2023	CAP2Q23-LTW-01-051723		5/17/2023 14:35	3.48	0.42	316.70	4.63	493.61	19.41
Onsite	LTW-02	Black Creek Aquifer	Cape Fear River	5/8/2023	CAP2Q23-LTW-02-051723		5/17/2023 13:25	4.57	0.04	184.60	2.03	275.09	19.19
Onsite	LTW-03	Floodplain Deposits	Cape Fear River	5/8/2023	CAP2Q23-LTW-03-052323		5/23/2023 11:30	4.30	0.12	290.00	10.92	100.83	18.11
Onsite	LTW-04	Floodplain Deposits	Cape Fear River	5/8/2023	CAP2Q23-LTW-04-052323		5/23/2023 13:45	4.69	0.14	287.80	17.10	91.39	21.10
Onsite	LTW-05	Black Creek Aquifer	Cape Fear River	5/8/2023	CAP2Q23-LTW-05-052223		5/22/2023 12:57	4.31	0.07	86.80	3.60	107.71	19.60
Onsite	OW-28	Black Creek Aquifer	Cape Fear River	5/8/2023	CAP2Q23-OW-28-052523		5/25/2023 11:35	4.38	0.01	-8.00	0.85	50.63	18.60
Onsite	OW-33	Black Creek Aquifer	Cape Fear River	5/8/2023	CAP2Q23-OW-33-051823		5/18/2023 11:15	4.16	0.02	188.70	3.22	61.90	19.00
Onsite	PIW-1D	Surficial Aquifer	Cape Fear River / Willis Creek	5/8/2023	CAP2Q23-PIW-1D-052323		5/23/2023 16:00	3.45	0.13	459.20	4.60	180.89	19.86
Onsite	PIW-1S[2]	Floodplain Deposits	Cape Fear River / Willis Creek	5/8/2023	--	--	--	--	--	--	--	--	--
Onsite	PIW-3D	Black Creek Aquifer	Cape Fear River	5/8/2023	CAP2Q23-PIW-3D-051723		5/17/2023 16:30	4.93	0.00	-7.70	2.26	336.43	19.04
Onsite	PIW-7D	Black Creek Aquifer	Cape Fear River	5/8/2023	CAP2Q23-PIW-7D-052223		5/22/2023 14:10	3.44	0.51	337.90	4.32	106.89	18.75
Onsite	PIW-7S	Floodplain Deposits	Cape Fear River	5/8/2023	CAP2Q23-PIW-7S-052223		5/22/2023 15:30	5.47	0.07	67.20	2.78	115.70	17.91
Onsite	PW-04	Surficial Aquifer	Outfall 003	5/8/2023	CAP2Q23-PW-04-052523		5/22/2023 09:20	5.14	0.00	98.60	7.67	1704.30	20.32
Onsite	PW-06	Surficial Aquifer	Georgia Branch Creek	5/8/2023	CAP2Q23-PW-06-051923		5/19/2023 12:42	4.28	5.47	266.10	8.78	51.84	17.72
Onsite	PW-07[2]	Surficial Aquifer	Georgia Branch Creek	5/8/2023	--	--	--	--	--	--	--	--	--
Onsite	PW-09	Black Creek Aquifer	Willis Creek	5/8/2023	CAP2Q23-PW-09-052423		5/24/2023 11:15	6.28	0.29	-65.10	31.20	80.81	17.70
Onsite	PZ-22	Black Creek Aquifer	Cape Fear River	5/8/2023	CAP2Q23-PZ-22-052323		5/23/2023 14:40	4.61	0.10	218.20	7.45	102.86	20.06
Onsite	SMW-10	Black Creek Aquifer	Willis Creek	5/8/2023	CAP2Q23-SMW-10-051723		5/17/2023 15:50	5.06	0.37	35.50	17.80	19559.00	20.45
Onsite	SMW-11	Surficial Aquifer	Willis Creek	5/8/2023	CAP2Q23-SMW-11-052423		5/24/2023 12:25	4.17	4.51	229.20	0.90	53.90	17.85
Onsite	SMW-12	Black Creek Aquifer	Willis Creek	5/8/2023	CAP2Q23-SMW-12-051723		5/17/2023 12:47	3.52	1.61	321.70	5.29	62612.00	18.52
Onsite	SMW-12	Black Creek Aquifer	Willis Creek	5/8/2023	CAP2Q23-SMW-12-051723-D	Field Duplicate	5/17/2023 12:47	3.52	1.61	321.70	5.29	62612.00	18.52

Notes:
1 - Water Bearing Unit - refers to the primary aquifer unit where the well screen is estimated to be located.
2 - PIW-1S and PW-07 were dry during Q2 sampling event and could not be sampled.
-- - not measured/not sampled
°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

TABLE A5
SEEP AND SURFACE WATER ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	CFR-BLADEN	CFR-KINGS	CFR-MILE-76	CFR-TARHEEL
Field Sample ID	CAP2Q23-CFR-BLADEN-051123	CAP2Q23-CFR-KINGS-051623	CAP2Q23-CFR-RM-76-051123	CAP2Q23-CFR-TARHEEL-051123
Sample Date	05/11/2023	05/16/2023	05/11/2023	05/11/2023
QA/QC				
Sample Delivery Group (SDG)	320-100312-1	320-100446-1	320-100313-1	320-100312-1
Lab Sample ID	320-100312-2	320-100446-3	320-100313-1	320-100312-1
Table 3+ SOP (ng/L)				
HFPO-DA	**3.8**	**3.3**	<2.0	**4.1**
PFMOAA	<2.0	<2.0 UJ	<2.0	<2.0
PFO2HxA	**3.6**	**4.6**	<2.0	**3.9**
PFO3OA	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10 UJ	<10	<10
PEPA	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	<2.0	<2.0	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	**2.0 J**	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0 UJ	<2.0	<2.0
Perfluoroheptanoic Acid	**4.0**	**3.5**	**3.9**	**3.8**
Total Attachment C[1,2]	**7.4**	**7.9**	ND	**8**
Total Table 3+ (17 compounds)[2,3]	**7.4**	**7.9**	ND	**8**
Total Table 3+ (20 compounds)[2]	**7.4**	**9.9**	ND	**8**

TABLE A5
SEEP AND SURFACE WATER ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	CFR-TARHEEL	GBC-1	Lock-Dam North[4]	Lock-Dam Seep
Field Sample ID	CAP2Q23-CFR-TARHEEL-24-051223	CAP2Q23-GBC-1-051123	--	CAP2Q23-LOCK-DAM-SEEP-051123
Sample Date	05/12/2023	05/11/2023	--	05/11/2023
QA/QC				
Sample Delivery Group (SDG)	320-100446-1	320-100313-1	--	320-100313-1
Lab Sample ID	320-100446-4	320-100313-2	--	320-100313-7
Table 3+ SOP (ng/L)				
HFPO-DA	**5.3 J**	**300**	--	**7,900**
PFMOAA	**7.3 J**	**55**	--	**61,000**
PFO2HxA	**4.1 J**	**250**	--	**23,000**
PFO3OA	<2.0 UJ	**41**	--	**14,000**
PFO4DA	<2.0 UJ	**12**	--	**2,700**
PFO5DA	<2.0 UJ	<2.0	--	**170**
PMPA	<10 UJ	**430**	--	**4,100**
PEPA	<20 UJ	**150**	--	**1,900**
PS Acid	<2.0 UJ	<2.0	--	**5.6**
Hydro-PS Acid	<2.0 UJ	**18**	--	**190**
R-PSDA	<2.0 UJ	**59 J**	--	**360 J**
Hydrolyzed PSDA	<2.0 UJ	<2.0	--	**1,300 J**
R-PSDCA	<2.0 UJ	<2.0	--	**12**
NVHOS	<2.0 UJ	**2.8**	--	**950**
EVE Acid	<2.0 UJ	<2.0	--	<2.0
Hydro-EVE Acid	<2.0 UJ	<2.0	--	**170**
R-EVE	<2.0 UJ	**22 J**	--	**610 J**
PES	<2.0 UJ	<2.0	--	<2.0
PFECA B	<2.0 UJ	<2.0	--	<2.0
PFECA-G	<2.0 UJ	<2.0	--	<2.0
Perfluoroheptanoic Acid	**3.8**	<2.0	--	**86**
Total Attachment C[1,2]	**17**	**1,300**	--	**110000**
Total Table 3+ (17 compounds)[2,3]	**17**	**1,300**	--	**120,000**
Total Table 3+ (20 compounds)[2]	**17**	**1,300**	--	**120,000**

TABLE A5
SEEP AND SURFACE WATER ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	OLDOF-1	OUTFALL 002A	OUTFALL 002A	River Water Intake 2
Field Sample ID	CAP2Q23-OLDOF-1-24-051223	CAP2Q23-OUTFALL-002A-24-051123	OUTFALL-002A-24-051123-D	RIVER-WATER-INTAKE2-24-051223
Sample Date	05/12/2023	05/12/2023	05/12/2023	05/12/2023
QA/QC			Field Duplicate	
Sample Delivery Group (SDG)	320-100313-1	320-100313-1	320-100313-1	320-100313-1
Lab Sample ID	320-100313-3	320-100313-4	320-100313-5	320-100313-6
Table 3+ SOP (ng/L)				
HFPO-DA	**1,400**	**24 J**	**51 J**	**11**
PFMOAA	**7,100**	<2.0 UJ	<2.0	<2.0
PFO2HxA	**2,800**	**16**	**14**	**6.2**
PFO3OA	**970**	**26**	**27**	<2.0
PFO4DA	**340**	**4.5 J**	**5.0**	<2.0
PFO5DA	**100**	<2.0	<2.0	**2.4**
PMPA	**950**	**18 J**	**18**	**15**
PEPA	**380**	<20	<20	<20
PS Acid	**6.2**	<2.0	<2.0	<2.0
Hydro-PS Acid	**50**	<2.0	<2.0	<2.0
R-PSDA	**77 J**	**6.5 J**	**4.9 J**	<2.0
Hydrolyzed PSDA	**97 J**	**6.9 J**	**6.1 J**	<2.0
R-PSDCA	**2.1**	<2.0	<2.0	<2.0
NVHOS	**100**	**2.7**	**2.4**	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	**31**	<2.0	<2.0	<2.0
R-EVE	**30 J**	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**7.9**	**3.9**	**4.1**	**3.9**
Total Attachment C[1,2]	**14000**	**89**	**120**	**35**
Total Table 3+ (17 compounds)[2,3]	**14,000**	**91**	**120**	**35**
Total Table 3+ (20 compounds)[2]	**14,000**	**100**	**130**	**35**

TABLE A5
SEEP AND SURFACE WATER ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	SEEP-A-EFF	SEEP-B-EFF[5]	SEEP-C-EFF[5]	SEEP-D-EFF
Field Sample ID	**CAP2Q23-SEEP-A-EFF-24-051623**	**--**	**--**	**CAP2Q23-SEEP-D-EFF-24-051623**
Sample Date	**05/16/2023**	**--**	**--**	**05/16/2023**
QA/QC				
Sample Delivery Group (SDG)	**320-100446-1**	**--**	**--**	**320-100446-1**
Lab Sample ID	**320-100446-1**	**--**	**--**	**320-100446-2**
Table 3+ SOP (ng/L)				
HFPO-DA	**69**	--	--	**6.4**
PFMOAA	**230**	--	--	<2.0
PFO2HxA	**190**	--	--	**11**
PFO3OA	**18**	--	--	<2.0
PFO4DA	**4.8**	--	--	<2.0
PFO5DA	<2.0	--	--	<2.0
PMPA	**79**	--	--	<10
PEPA	**42**	--	--	<20
PS Acid	<2.0	--	--	<2.0
Hydro-PS Acid	<2.0	--	--	<2.0
R-PSDA	**2.6 J**	--	--	<2.0
Hydrolyzed PSDA	**17 J**	--	--	<2.0
R-PSDCA	<2.0	--	--	<2.0
NVHOS	**5.1**	--	--	<2.0
EVE Acid	<2.0	--	--	<2.0
Hydro-EVE Acid	<2.0	--	--	<2.0
R-EVE	<2.0	--	--	<2.0
PES	<2.0	--	--	<2.0
PFECA B	<2.0	--	--	<2.0
PFECA-G	<2.0	--	--	<2.0
Perfluoroheptanoic Acid	<2.0	--	--	<2.0
Total Attachment C[1,2]	**630**	--	--	**17**
Total Table 3+ (17 compounds)[2,3]	**640**	--	--	**17**
Total Table 3+ (20 compounds)[2]	**660**	--	--	**17**

TABLE A5
SEEP AND SURFACE WATER ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	WC-1	EB	EB
Field Sample ID	CAP2Q23-WC-1-24-051223	CAP2Q23-EBLK-PP-051623	CAP2Q23-EQBLK-DV-051723
Sample Date	05/12/2023	05/16/2023	05/17/2023
QA/QC			Equipment Blank
Sample Delivery Group (SDG)	320-100312-1	320-100446-1	320-100611-1
Lab Sample ID	320-100312-3	320-100446-5	320-100611-9
Table 3+ SOP (ng/L)			
HFPO-DA	**430**	<2.0 UJ	<2.0 UJ
PFMOAA	**830**	<2.0	<2.0
PFO2HxA	**500**	<2.0	<2.0
PFO3OA	**90**	<2.0	<2.0
PFO4DA	**15**	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0
PMPA	**430**	<10	<10
PEPA	**120**	<20	<20
PS Acid	<2.0	<2.0	<2.0
Hydro-PS Acid	**11**	<2.0	<2.0
R-PSDA	**86 J**	<2.0	<2.0
Hydrolyzed PSDA	**380 J**	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0
NVHOS	**20**	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0
Hydro-EVE Acid	**6.7**	<2.0	<2.0
R-EVE	**38 J**	<2.0	<2.0
PES	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**2.4**	<2.0	<2.0 UJ
Total Attachment C[1,2]	**2400**	ND	ND
Total Table 3+ (17 compounds)[2,3]	**2,500**	ND	ND
Total Table 3+ (20 compounds)[2]	**3,000**	ND	ND

TABLE A5
SEEP AND SURFACE WATER ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	EB
Field Sample ID	CAP2Q23-EQBLK-IS-051723
Sample Date	05/17/2023
QA/QC	Equipment Blank
Sample Delivery Group (SDG)	320-100611-1
Lab Sample ID	320-100611-6
Table 3+ SOP (ng/L)	
HFPO-DA	<2.0
PFMOAA	<2.0
PFO2HxA	<2.0
PFO3OA	<2.0
PFO4DA	<2.0
PFO5DA	<2.0
PMPA	<10
PEPA	<20
PS Acid	<2.0
Hydro-PS Acid	<2.0
R-PSDA	<2.0
Hydrolyzed PSDA	<2.0
R-PSDCA	<2.0
NVHOS	<2.0
EVE Acid	<2.0
Hydro-EVE Acid	<2.0
R-EVE	<2.0
PES	<2.0
PFECA B	<2.0
PFECA-G	<2.0
Perfluoroheptanoic Acid	<2.0 UJ
Total Attachment C[1,2]	ND
Total Table 3+ (17 compounds)[2,3]	ND
Total Table 3+ (20 compounds)[2]	ND

Notes:

B - analyte detected in an associated blank

Bold - Analyte detected above associated reporting limit

EPA - Environmental Protection Agency

J - Analyte detected. Reported value may not be accurate or precise.

ND - no analytes were detected above the associated reporting limits.

ng/L - nanograms per liter

QA/QC - Quality assurance/ quality control

SDG - Sample Delivery Group

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

-- - Data not available

1 - Total Attachment C does not include Perfluoroheptanoic acid (PFHpA).

2 - Total Table 3+ and Total Attachment C were calculated including J qualified data but not 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, and R-EVE.

4 - A sample was not collected at Lock and Dam North because the seep was dry.

5 - There was insufficient flow observed at Seeps B and C FTC effluent Basins at the time of sampling and therefore samples were not collected.

TABLE A6
GROUNDWATER ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Water Bearing Unit[1]	Black Creek Aquifer	Floodplain Deposits	Black Creek Aquifer	Floodplain Deposits
Location ID	BLADEN-1DR	LTW-01	LTW-02	LTW-03
Field Sample ID	CAP2Q23-BLADEN-1DR-051923	CAP2Q23-LTW-01-051723	CAP2Q23-LTW-02-051723	CAP2Q23-LTW-03-052323
Sample Date	05/19/2023	05/17/2023	05/17/2023	05/23/2023
QA/QC				
Sample Delivery Group (SDG)	320-100603-1	320-100611-1	320-100611-1	320-100782-1
Lab Sample ID	320-100603-1	320-100611-8	320-100611-5	320-100782-5
Table 3+ SOP (ng/L)				
HFPO-DA	**170**	**18,000**	**7,000**	**10,000**
PFMOAA	**26**	**21,000**	**17,000**	**120,000**
PFO2HxA	**88**	**21,000**	**10,000**	**41,000**
PFO3OA	**9.1**	**5,300**	**1,900**	**6,700**
PFO4DA	<2.0	**1,500**	**120**	**220**
PFO5DA	<2.0	**170**	<78	<78
PMPA	**290**	**16,000**	**5,700**	**15,000**
PEPA	**98**	**5,700**	**1,800**	**3,500**
PS Acid	<2.0	<20	<20	<20
Hydro-PS Acid	<2.0	**300**	**15**	**28**
R-PSDA	**11 J**	<71	<71	**950 J**
Hydrolyzed PSDA	<2.0	**690 J**	<38	**5,800 J**
R-PSDCA	<2.0	<17	<17	<17
NVHOS	<2.0	**440**	**300**	**1,300**
EVE Acid	<2.0	<17	<17	<17
Hydro-EVE Acid	<2.0	**140**	**38**	**64**
R-EVE	**4.6 J**	**580 J**	<72	**430 J**
PES	<2.0	<6.7	<6.7	<6.7
PFECA B	<2.0	<27	<27	<27
PFECA-G	<2.0	<48	<48	<48
Perfluoroheptanoic Acid	<2.0	**48 J**	**11 J**	**28**
Total Attachment C[2,3]	**680**	**89,000**	**44,000**	**200,000**
Total Table 3+ (17 compounds)[3,4]	**680**	**90,000**	**44,000**	**200,000**
Total Table 3+ (20 compounds)[3]	**700**	**91,000**	**44,000**	**200,000**

TABLE A6
GROUNDWATER ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Water Bearing Unit[1]	Floodplain Deposits	Black Creek Aquifer	Black Creek Aquifer	Black Creek Aquifer
Location ID	LTW-04	LTW-05	OW-28	OW-33
Field Sample ID	CAP2Q23-LTW-04-052323	CAP2Q23-LTW-05-052223	CAP2Q23-OW-28-052523	CAP2Q23-OW-33-051823
Sample Date	05/23/2023	05/22/2023	05/25/2023	05/18/2023
QA/QC				
Sample Delivery Group (SDG)	320-100782-1	320-100782-1	320-100881-1	320-100611-1
Lab Sample ID	320-100782-7	320-100782-1	320-100881-2	320-100611-2
Table 3+ SOP (ng/L)				
HFPO-DA	**19,000**	**19,000 J**	**4,800**	**5,000**
PFMOAA	**55,000**	**130,000 J**	**1,900**	**8,400**
PFO2HxA	**28,000**	**48,000 J**	**3,500**	**4,300**
PFO3OA	**5,200**	**11,000 J**	**670**	**840**
PFO4DA	**620**	**2,100 J**	**83**	<59
PFO5DA	<78	<78 UJ	<78	<78
PMPA	**16,000**	**4,600 J**	**6,400**	**5,200**
PEPA	**6,000**	**530 J**	**2,500**	**1,800**
PS Acid	<20	<20 UJ	<20	<20
Hydro-PS Acid	**210**	**190 J**	**74**	**53**
R-PSDA	**1,700 J**	**670 J**	**310 J**	<71
Hydrolyzed PSDA	**2,300 J**	**1,100 J**	<38	<38
R-PSDCA	<17	<17 UJ	<17	<17
NVHOS	**1,200**	**1,300 J**	<15	**240**
EVE Acid	<17	<17 UJ	<17	<17
Hydro-EVE Acid	**390**	**720 J**	<14	<14
R-EVE	**1,500 J**	**760 J**	**180 J**	<72
PES	<6.7	<6.7 UJ	<6.7	<6.7
PFECA B	<27	<27 UJ	<27	<27
PFECA-G	<48	<48 UJ	<48	<48
Perfluoroheptanoic Acid	**52**	**200**	**7.3**	**7.6 J**
Total Attachment C[2,3]	**130,000**	**220,000**	**20,000**	**26,000**
Total Table 3+ (17 compounds)[3,4]	**130,000**	**220,000**	**20,000**	**26,000**
Total Table 3+ (20 compounds)[3]	**140,000**	**220,000**	**20,000**	**26,000**

TABLE A6
GROUNDWATER ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Water Bearing Unit[1]	Floodplain Deposits	Black Creek Aquifer	Black Creek Aquifer	Black Creek Aquifer
Location ID	PIW-1S[5]	PIW-1D	PIW-3D	PIW-7D
Field Sample ID	--	CAP2Q23-PIW-1D-052323	CAP2Q23-PIW-3D-051723	CAP2Q23-PIW-7D-052223
Sample Date	--	05/23/2023	05/17/2023	05/22/2023
QA/QC				
Sample Delivery Group (SDG)	--	320-100782-1	320-100611-1	320-100782-1
Lab Sample ID	--	320-100782-4	320-100611-7	320-100782-3
Table 3+ SOP (ng/L)				
HFPO-DA	--	**9,900**	**12,000**	**8,800 J**
PFMOAA	--	**12,000**	**8,500**	**130,000 J**
PFO2HxA	--	**11,000**	**10,000**	**37,000 J**
PFO3OA	--	**1,700**	**2,100**	**5,900 J**
PFO4DA	--	**440**	**800**	**1,100 J**
PFO5DA	--	<78	<78	<78 UJ
PMPA	--	**9,000**	**8,800**	**4,500 J**
PEPA	--	**3,000**	**3,400**	**950 J**
PS Acid	--	<20	<20	<20 UJ
Hydro-PS Acid	--	**98**	**200**	**98 J**
R-PSDA	--	**380 J**	<71	**470 J**
Hydrolyzed PSDA	--	<38	<38	**740 J**
R-PSDCA	--	<17	<17	<17 UJ
NVHOS	--	**160**	**290**	**990 J**
EVE Acid	--	<17	<17	<17 UJ
Hydro-EVE Acid	--	<14	**70**	**330 J**
R-EVE	--	**200 J**	<72	**550 J**
PES	--	<6.7	<6.7	<6.7 UJ
PFECA B	--	<27	<27	<27 UJ
PFECA-G	--	<48	<48	<48 UJ
Perfluoroheptanoic Acid	--	**19**	**32 J**	**81**
Total Attachment C[2,3]	--	**47,000**	**46,000**	**190,000**
Total Table 3+ (17 compounds)[3,4]	--	**47,000**	**46,000**	**190,000**
Total Table 3+ (20 compounds)[3]	--	**48,000**	**46,000**	**190,000**

TABLE A6
GROUNDWATER ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Water Bearing Unit[1]	Floodplain Deposits	Surficial Aquifer	Surficial Aquifer	Surficial Aquifer
Location ID	PIW-7S	PW-04	PW-04	PW-06
Field Sample ID	CAP2Q23-PIW-7S-052223	CAP2Q23-PW-04-052523	CAP2Q23-PW-04-052523-Z	CAP2Q23-PW-06-051923
Sample Date	05/22/2023	05/25/2023	05/25/2023	05/19/2023
QA/QC				
Sample Delivery Group (SDG)	320-100782-1	320-100881-1	320-100881-1	320-100603-1
Lab Sample ID	320-100782-2	320-100881-1	320-100881-3	320-100603-2
Table 3+ SOP (ng/L)				
HFPO-DA	**12,000 J**	**980**	**950**	**1,200**
PFMOAA	**16,000 J**	**490**	**470**	<80
PFO2HxA	**12,000 J**	**1,100**	**1,100**	**630**
PFO3OA	**3,800 J**	**520**	**410**	<39
PFO4DA	**440 J**	**95**	**70**	<59
PFO5DA	<78 UJ	<78	<78	<78
PMPA	**7,900 J**	**1,200**	**1,200**	<620
PEPA	**3,300 J**	**440**	**400**	**260**
PS Acid	<20 UJ	<20	<20	<20
Hydro-PS Acid	**270 J**	<6.1	<6.1	**23**
R-PSDA	**960 J**	**150 J**	**86 J**	<71
Hydrolyzed PSDA	**63 J**	<38	<38	<38
R-PSDCA	<17 UJ	<17	<17	<17
NVHOS	**630 J**	<15	<15	<15
EVE Acid	<17 UJ	<17	<17	<17
Hydro-EVE Acid	**460 J**	<14	<14	<14
R-EVE	**1,000 J**	**86 J**	<72	<72
PES	<6.7 UJ	<6.7	<6.7	<6.7
PFECA B	<27 UJ	<27	<27	<27
PFECA-G	<48 UJ	<48	<48	<48
Perfluoroheptanoic Acid	**52**	**8.8**	**8.3**	**5.7**
Total Attachment C[2,3]	**56,000**	**4,800**	**4,600**	**2,100**
Total Table 3+ (17 compounds)[3,4]	**57,000**	**4,800**	**4,600**	**2,100**
Total Table 3+ (20 compounds)[3]	**59,000**	**5,100**	**4,700**	**2,100**

TABLE A6
GROUNDWATER ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Water Bearing Unit[1]	Surficial Aquifer	Black Creek Aquifer	Black Creek Aquifer	Black Creek Aquifer
Location ID	**PW-07[5]**	**PW-09**	**PW-09**	**PZ-22**
Field Sample ID	**--**	**CAP2Q23-PW-09-052423**	**CAP2Q23-PW-09-052423-Z**	**CAP2Q23-PZ-22-052323**
Sample Date	**--**	**05/24/2023**	**05/24/2023**	**05/23/2023**
QA/QC				
Sample Delivery Group (SDG)	**--**	**320-100784-1**	**320-100784-1**	**320-100782-1**
Lab Sample ID	**--**	**320-100784-1**	**320-100784-2**	**320-100782-6**
Table 3+ SOP (ng/L)				
HFPO-DA	--	<2.0 UJ	<2.0 UJ	**12,000**
PFMOAA	--	<2.0 UJ	<2.0 UJ	**150,000**
PFO2HxA	--	<2.0 UJ	<2.0 UJ	**49,000**
PFO3OA	--	<2.0 UJ	<2.0 UJ	**5,400**
PFO4DA	--	<2.0 UJ	<2.0 UJ	**270**
PFO5DA	--	<2.0 UJ	<2.0 UJ	<78
PMPA	--	<10 UJ	<10 UJ	**6,200**
PEPA	--	<20 UJ	<20 UJ	**1,500**
PS Acid	--	<2.0 UJ	<2.0 UJ	<20
Hydro-PS Acid	--	<2.0 UJ	<2.0 UJ	**36**
R-PSDA	--	<2.0 UJ	<2.0 UJ	**560 J**
Hydrolyzed PSDA	--	<2.0 UJ	<2.0 UJ	**1,000 J**
R-PSDCA	--	<2.0 UJ	<2.0 UJ	<17
NVHOS	--	<2.0 UJ	<2.0 UJ	**1,300**
EVE Acid	--	<2.0 UJ	<2.0 UJ	<17
Hydro-EVE Acid	--	<2.0 UJ	<2.0 UJ	**84**
R-EVE	--	<2.0 UJ	<2.0 UJ	**430 J**
PES	--	<2.0 UJ	<2.0 UJ	<6.7
PFECA B	--	<2.0 UJ	<2.0 UJ	<27
PFECA-G	--	<2.0 UJ	<2.0 UJ	<48
Perfluoroheptanoic Acid	--	<2.0	<2.0	**34**
Total Attachment C[2,3]	--	ND	ND	**220,000**
Total Table 3+ (17 compounds)[3,4]	--	ND	ND	**230,000**
Total Table 3+ (20 compounds)[3]	--	ND	ND	**230,000**

TABLE A6
GROUNDWATER ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Water Bearing Unit[1]	Black Creek Aquifer	Surficial Aquifer	Black Creek Aquifer
Location ID	SMW-10	SMW-11	SMW-12
Field Sample ID	CAP2Q23-SMW-10-051723	CAP2Q23-SMW-11-052423	CAP2Q23-SMW-12-051723
Sample Date	05/17/2023	05/24/2023	05/17/2023
QA/QC			
Sample Delivery Group (SDG)	320-100611-1	320-100784-1	320-100611-1
Lab Sample ID	320-100611-1	320-100784-3	320-100611-3
Table 3+ SOP (ng/L)			
HFPO-DA	**5.7**	**5,600**	**1,900**
PFMOAA	**120**	**6,200**	**5,100**
PFO2HxA	**13**	**4,200**	**1,900**
PFO3OA	<2.0	**790**	**150**
PFO4DA	<2.0	**380**	<59
PFO5DA	<2.0	<78	<78
PMPA	<10	**3,000**	**2,900**
PEPA	<20	**900**	**550**
PS Acid	<2.0	<20	<20
Hydro-PS Acid	<2.0	**68**	<6.1
R-PSDA	<2.0	**140 J**	<71
Hydrolyzed PSDA	<2.0	**51 J**	<38
R-PSDCA	<2.0	<17	<17
NVHOS	<2.0	**120**	<15
EVE Acid	<2.0	<17	<17
Hydro-EVE Acid	<2.0	**31**	<14
R-EVE	<2.0	**100 J**	<72
PES	<2.0	<6.7	<6.7
PFECA B	<2.0	<27	<27
PFECA-G	<2.0	<48	<48
Perfluoroheptanoic Acid	<2.0 UJ	**22**	<2.0 UJ
Total Attachment C[2,3]	**140**	**21,000**	**13,000**
Total Table 3+ (17 compounds)[3,4]	**140**	**21,000**	**13,000**
Total Table 3+ (20 compounds)[3]	**140**	**22,000**	**13,000**

TABLE A6
GROUNDWATER ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Water Bearing Unit[1]	Black Creek Aquifer	--	--
Location ID	SMW-12	EB	EB
Field Sample ID	CAP2Q23-SMW-12-051723-D	CAP2Q23-EQBLK-DV-052423-Z	CAP2Q23-EQBLK-DV-051723
Sample Date	05/17/2023	05/24/2023	05/17/2023
QA/QC	Field Duplicate	Equipment Blank	Equipment Blank
Sample Delivery Group (SDG)	320-100611-1	320-100784-1	320-100611-1
Lab Sample ID	320-100611-4	320-100784-4	320-100611-9
Table 3+ SOP (ng/L)			
HFPO-DA	**2,100**	<2.0	<2.0 UJ
PFMOAA	**5,300**	<2.0	<2.0
PFO2HxA	**2,000**	<2.0	<2.0
PFO3OA	**160**	<2.0	<2.0
PFO4DA	<59	<2.0	<2.0
PFO5DA	<78	<2.0	<2.0
PMPA	**3,100**	<10	<10
PEPA	**670**	<20	<20
PS Acid	<20	<2.0	<2.0
Hydro-PS Acid	<6.1	<2.0	<2.0
R-PSDA	<71	<2.0	<2.0
Hydrolyzed PSDA	<38	<2.0	<2.0
R-PSDCA	<17	<2.0	<2.0
NVHOS	<15	<2.0	<2.0
EVE Acid	<17	<2.0	<2.0
Hydro-EVE Acid	<14	<2.0	<2.0
R-EVE	<72	<2.0	<2.0
PES	<6.7	<2.0	<2.0
PFECA B	<27	<2.0	<2.0
PFECA-G	<48	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0 UJ	<2.0	<2.0 UJ
Total Attachment C[2,3]	**13,000**	ND	ND
Total Table 3+ (17 compounds)[3,4]	**13,000**	ND	ND
Total Table 3+ (20 compounds)[3]	**13,000**	ND	ND

TABLE A6
GROUNDWATER ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Water Bearing Unit[1]	--	--
Location ID	EB	EB
Field Sample ID	CAP2Q23-EQBLK-IS-051723	CAP2Q23-EBLK-PP-051623
Sample Date	05/17/2023	05/16/2023
QA/QC	Equipment Blank	
Sample Delivery Group (SDG)	320-100611-1	320-100446-1
Lab Sample ID	320-100611-6	320-100446-5
Table 3+ SOP (ng/L)		
HFPO-DA	<2.0	<2.0 UJ
PFMOAA	<2.0	<2.0
PFO2HxA	<2.0	<2.0
PFO3OA	<2.0	<2.0
PFO4DA	<2.0	<2.0
PFO5DA	<2.0	<2.0
PMPA	<10	<10
PEPA	<20	<20
PS Acid	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0
R-PSDA	<2.0	<2.0
Hydrolyzed PSDA	<2.0	<2.0
R-PSDCA	<2.0	<2.0
NVHOS	<2.0	<2.0
EVE Acid	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0
R-EVE	<2.0	<2.0
PES	<2.0	<2.0
PFECA B	<2.0	<2.0
PFECA-G	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0 UJ	<2.0
Total Attachment C[2,3]	ND	ND
Total Table 3+ (17 compounds)[3,4]	ND	ND
Total Table 3+ (20 compounds)[3]	ND	ND

Notes:
Bold - Analyte detected above associated reporting limit
EPA - Environmental Protection Agency
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
SDG - Sample Delivery Group
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
"-Z" in Sample ID denotes field filtration
< - Analyte not detected above associated reporting limit.
-- - not applicable
1 - Refers to the primary aquifer unit that the well screen is estimated to be screened within
2 - Total Attachment C does not include Perfluoroheptanoic acid (PFHpA).
3 - Total Table 3+ and Total Attachment C were calculated including J qualified data but not 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, and R-EVE.
5 -PIW-1S and PW-07 were not sampled because the wells were dry.

TABLE A7
SUMMARY OF TOTAL PFAS MASS DISCHARGE BY PATHWAY AFTER REMEDIES
Chemours Fayetteville Works, North Carolina

Pathway	Pathway Name	Total Flow Volume on Sample Date (MG)[1]	Total Attachment C[2]		Total Table 3+ (17 compounds)[3]		Total Table 3+ (20 compounds)	
			Concentration (ng/L)	Mass Loading (mg/s)	Concentration (ng/L)	Mass Loading (mg/s)	Concentration (ng/L)	Mass Loading (mg/s)
--	River Water Intake 2	13	110	--	110	--	120	--
1	Upstream River Water and Groundwater[4]	933,572	0	0.00	0	0.00	0	0.00
2	Willis Creek	1,575	2,400	0.24	2,500	0.25	3,000	0.30
3	Aerial Deposition on Water Features		--	0.01	--	0.01	--	0.01
4	Outfall 002[5]	9,013	54	0.03	56	0.03	65	0.04
4A	Stormwater Treatment System[6]							
5	Onsite Groundwater[7]		--	0.06	--	0.06	--	0.06
6A	Seep A[7,8]	33	630	1.3E-03	640	1.3E-03	660	1.4E-03
6B	Seep B[7,8]	--	--	--	--	--	--	--
6C	Seep C[7,8]	--	--	--	--	--	--	--
6D	Seep D[7,8]	32	17.0	3.5E-05	17.0	3.5E-05	17.0	3.5E-05
6E	Lock and Dam Seep	1.24	110,000	0.01	120,000	0.01	120,000	0.01
6F	Lock and Dam Seep North	0						
7	Outfall 003 Stream[9]	17	14,000	0.02	14,000	0.02	14,000	0.02
8	Offsite Adjacent and Downstream Groundwater		--	0.00	--	0.00	--	0.00
9	Georgia Branch Creek	3,534	1,300	0.29	1,300	0.29	1,300	0.29
Calculated Total Table 3+ Loading (mg/s) at Tar Heel				**0.65**		**0.66**		**0.72**

Notes:

1 - Total flow volume is determined based on measurements taken over 24-hour sample collection period for all locations except Willis Creek, Lock and Dam Seep, Outfall 003, and Georgia Branch Creek. At these locations, the total flow volume was estimated based on the instantaneous flow measurement.

2 - Mass discharge calculations for Total Attachment C does not include Perfluorohepthanoic acid (PFHpA).

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

4 - 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.

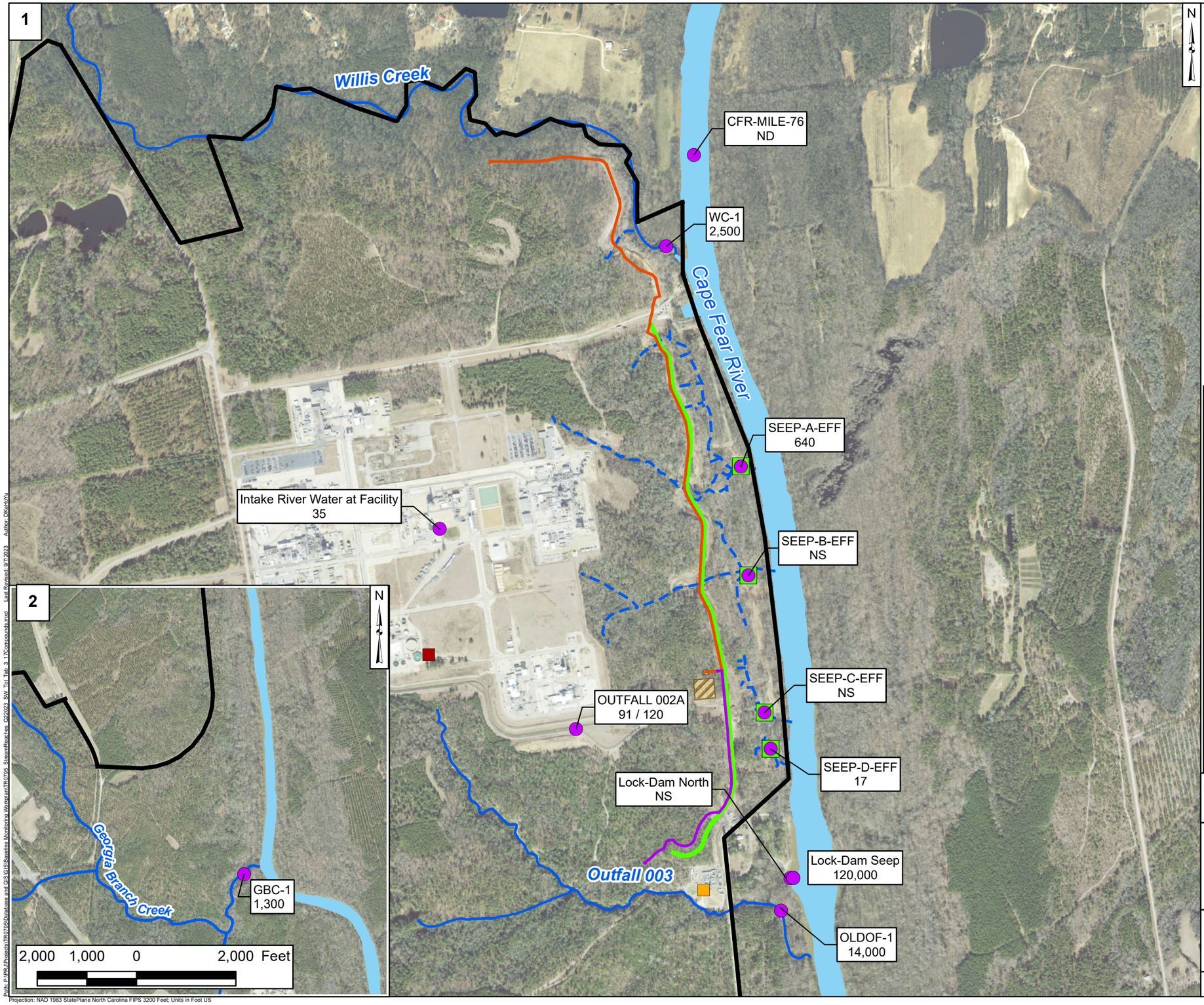
5 - Total PFAS concentrations at the Intake River Water at Facility location are subtracted from Outfall 002 concentrations to compute the mass discharge at Outfall 002.

6 - 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 May sampling event there was no stormwater flow to the stormwater treatment system, so there was no mass loading calculated for this location.

7 - Due to transient conditions as a result of the groundwater remedy installation and commissioning, gradient measurements are impacted from these activities and should be considered estimates.

8 - There was insufficient flow observed at Seeps B and C FTC effluent Basins at the time of sampling and therefore samples were not collected and mass discharge could not be calculated.

9 - For May 2023, the concentrations from the stream sample collected downgradient from the Outfall 003 treatment system and effluent samples collected at the effluent basins of the Seep A, B, C and D flow-through cells were used to calculate the After Remedy mass discharge for these pathways.

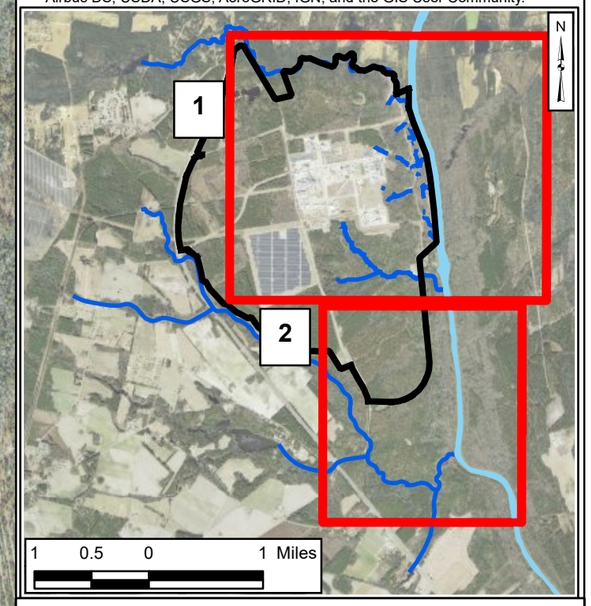


Legend

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

OUTFALL 002A
91 / 120
← Location Name
← Total Table 3+ Concentration (ng/L)

Notes:
NS - not sampled
ND - non-detect
1. All results are in nanograms per liter (ng/L).
2. Total Table 3+ concentration includes HFPO-DA results evaluated by EPA Method 537 Mod and does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
3. Non-detect values were not included in sum of total Table 3+ results.
4. Total Table 3+ results include J-qualified data.
5. 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.
6. Basemap sources: Esri, DigitalGlobe, 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 Surface Water - May 2023

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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Figure **A1**

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_StreamReaches_022023_SW_Tot_Tab_3_17Compounds.mxd Last Revised: 9/7/2023 Author: DKirkHoVu

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

1

CFR-MILE-76
ND

CFR-BLADEN
7.4

CFR-TARHEEL*
8.0/17

2 - Downstream

CFR-KINGS
7.9

1 0.5 0 1 Miles

N

Legend

Sample Location

Cape Fear River

Site Boundary

CFR-BLADEN
7.4

Location Name

Total Table 3+ Concentration (ng/L)

Notes:

ND - no Table 3+ analytes (17 compounds) were detected above the associated reporting limits

* - Multiple results are shown at CFR-TARHEEL for two grab samples collected on May 11 and 16, 2023. No composite sample was collected at CFR-TARHEEL during the mass loading model event.

1. All results are in nanograms per liter.
2. Total Table 3+ concentration includes HFPO-DA results evaluated by EPA Method 537 Mod and does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
3. Non-detect values were not included in sum of total Table 3+ results.
4. Total Table 3+ results include J-qualified data.
5. 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.
6. Basemap sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1

2

25 12.5 0 25 Miles

2 1 0 2 Miles

Cape Fear River Total Table 3+ Concentrations (17 Compounds) - May 2023

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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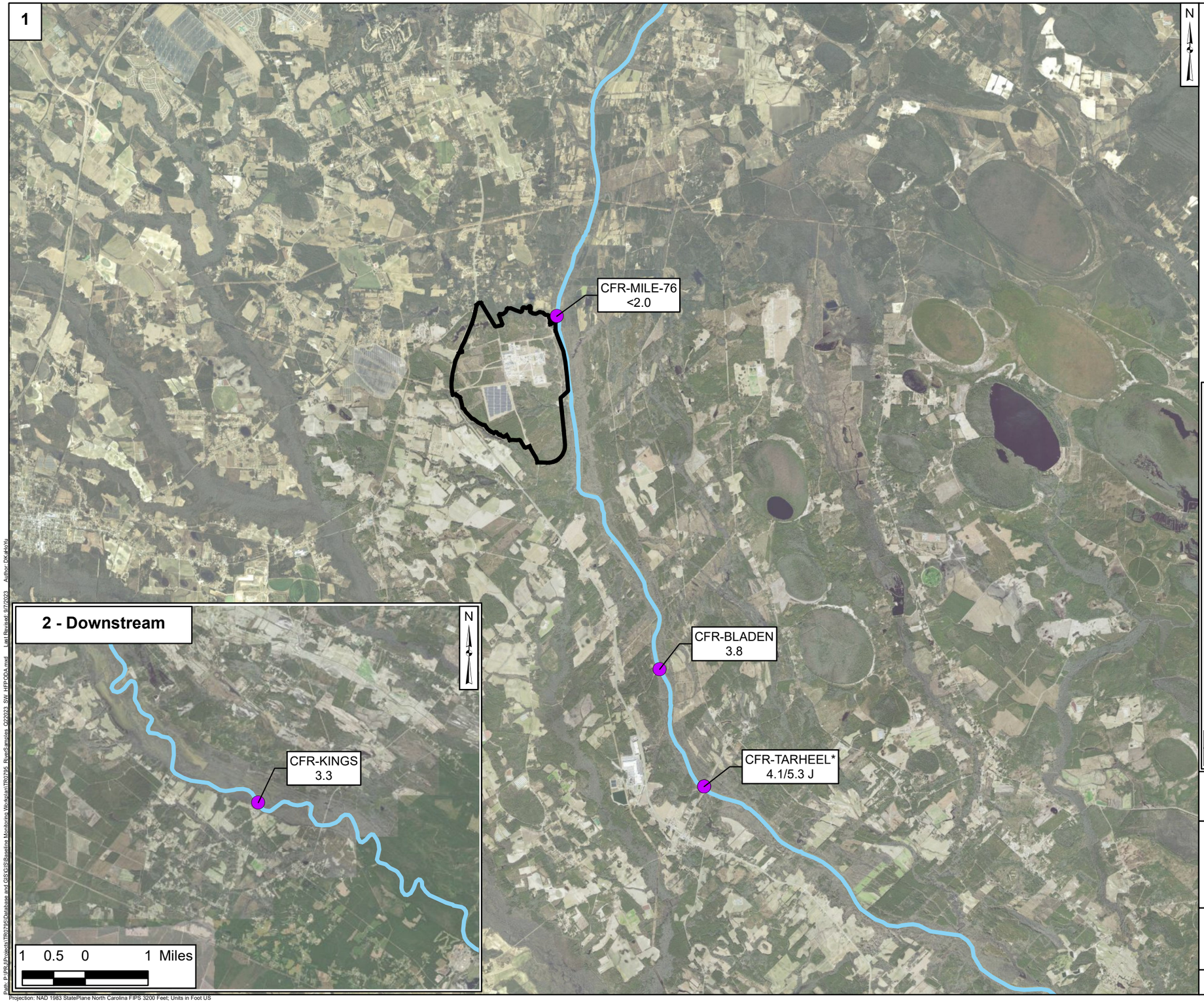
Figure A2

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_RwetSamples_Q222023_SW_Tot_Tab_3_17Compounds.mxd Last Revised: 9/7/2023 Author: DKaHxYu

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

1



2 - Downstream

Legend

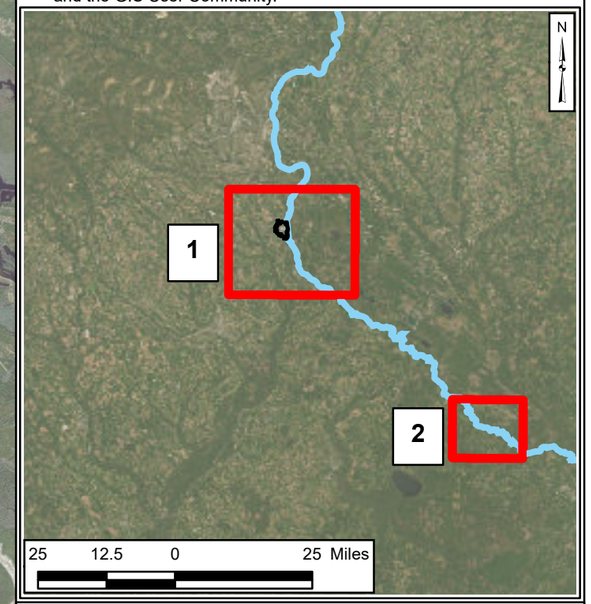
- Sample Location
- Cape Fear River
- Site Boundary

CFR-BLADEN
3.8

Location Name
HFPO-DA
Concentration (ng/L)

Notes:

* - Multiple results are shown at CFR-TARHEEL for two grab samples collected on May 11 and 16, 2023. No composite sample was collected at CFR-TARHEEL during the mass loading model event.
< - Analyte not detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
U - Analyte not detected.
1. All results are in nanograms per liter.
2. Basemap sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.



2 1 0 2 Miles

Cape Fear River HFPO-DA Concentrations
May 2023

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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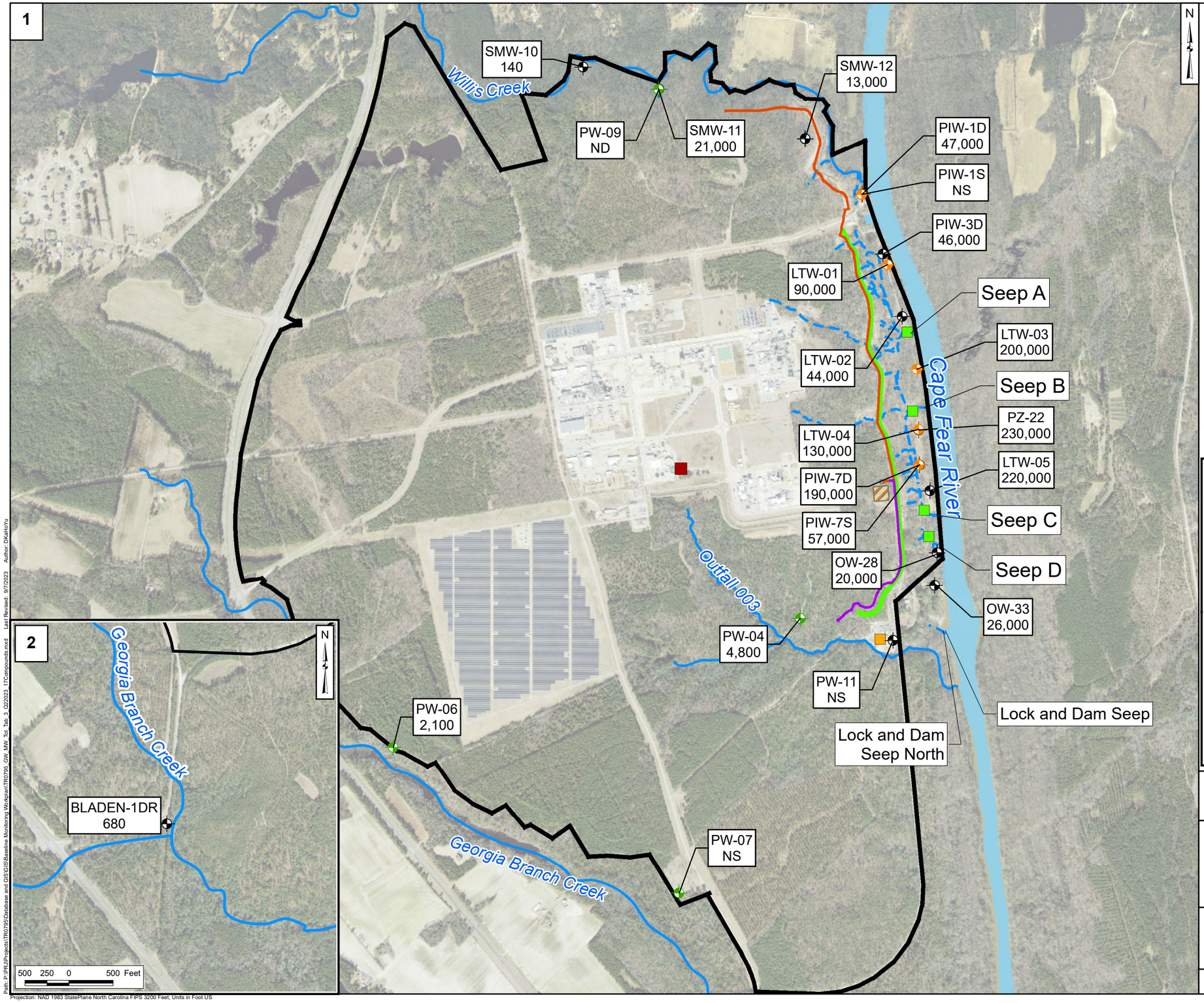
Figure
A3

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_RiverSamples_Q222023_SW_HFPODA.mxd Last Revised: 9/7/2023 Author: DKatkoYu

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



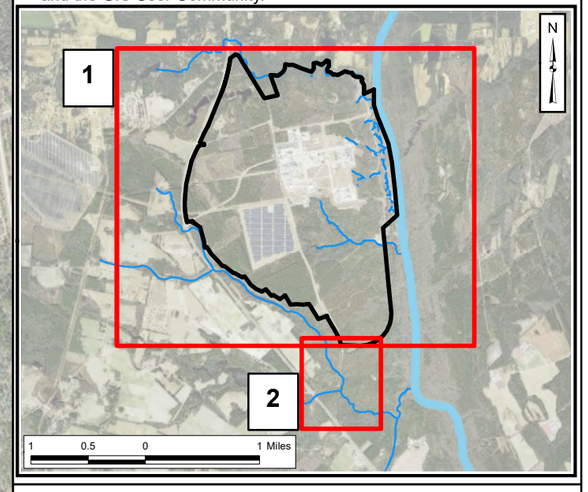
Legend

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

PIW-1D
47,000
Location Name
Total Table 3+ Concentration (ng/L)

Notes:
NS - not sampled
ND - no Table 3+ analytes (17 compounds) were detected above the associated reporting limits

1. All results are in nanograms per liter.
2. Total table 3+ concentration includes HFPO-DA results evaluated by EPA Method 537 Mod and does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
3. Non-detect values were not included in sum of total Table 3+ results.
4. Total Table 3+ results include J-qualified data.
5. 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.
6. Basemap sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.



1,500 750 0 1,500 Feet

Total Table 3+ Concentrations (17 Compounds) in Groundwater - Q2 2023

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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Figure **A4**

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_GW_MW_Tot_Tab_3_Q22023_17Compounds.mxd Last Revised: 9/7/2023 Author: DKaHoYu

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

Willis Creek

Cape Fear River

SMW-03
NM

SMW-02
DRY

SMW-04A
DRY

SMW-05
125.16

SMW-06
NM

PZ-12
130.90

PW-01
134.80

NAF-03
131.49

NAF-07
139.50

NAF-06
133.84

SMW-08
NM

PZ-11
140.73

NAF-02
139.55

NAF-11A
133.84

PZ-21R
137.54

SMW-07
127.70

PZ-35
137.46

NAF-04
139.78

FTA-01
133.09

PZ-20R
136.60

NAF-12
139.60

FTA-02
131.77

NAF-01
139.52

NAF-08A
139.28

NAF-10
137.28

PZ-13
137.13

FTA-03
132.49

PZ-19R
136.65

NAF-09
136.98

MW-7S
136.85

MW-24
128.95

MW-12S
131.04

MW-8S
NM

MW-30
134.50

PZ-14
137.79

MW-1S
130.03

MW-9S
133.17

MW-2S

PZ-15
134.28

MW-25
133.69

MW-26
136.01

PZ-17
DRY

PZ-28
135.45

MW-23
134.27

PZ-45
NM

MW-11
125.09

PZ-41
NM

PZ-42
NM

MW-27
132.42

PZ-40
NM

PZ-36
NM

PZ-39
NM

PZ-44
NM

PZ-26
135.86

PZ-37
NM

PZ-27
133.91

MW-28
130.52

PZ-43
NM

PZ-24
133.47

PZ-38
NM

PZ-25R
NM

Seep A

Seep B

Seep C

Seep D

Lock and Dam Seep

Lock and Dam Seep North

Outfall 003

Pilot Test Area for PlumeStop™

PZ-31
NM

PZ-32
NM

MW-31
NM

PZ-29
NM

MW-34
NM

MW-35
132.01

PZ-33
NM

PZ-34
NM

MW-33
NM

MW-36
132.07

MW-32
NM

70 35 0 70 Feet

0.5 0.25 0 0.5 Miles

N

Legend

- Perched Zone Monitoring Well
- Perched Zone Boundary
- Observed Seep
- Nearby Tributary
- Ground Surface Elevation Contour (ft NAVD88) - 5 ft interval
- Site Boundary
- North Forcemain
- South Forcemain
- Barrier Wall

Notes:
ft NAVD88 - feet North American Vertical Datum 1988.
1. Depth to water measurements collected on May 8-9, 2023.
2. Due to transient conditions as a result of the groundwater remedy installation and commissioning, potentiometric surfaces are impacted from these activities and should be considered estimates.
3. Ground surface elevation contours are derived from Lidar scans performed on December 1, 2019 and December 19, 2019 by Spectral Data Consultants, Inc.
4. Seep locations identified visually as reported in Geosyntec, 2019. Seeps and Creeks Investigation Report. Chemours Fayetteville Works. 26 August 2019.
5. 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).
6. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

1,000 500 0 1,000 Feet

Groundwater Elevation Map
Perched Zone - May 2023

Chemours Fayetteville Works, North Carolina

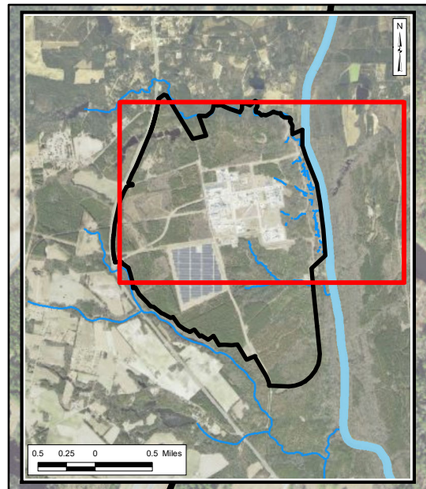
Geosyntec consultants

Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295

Raleigh | September 2023

Figure
A5-1

Author: DKaHoYu
Last Revised: 9/7/2023
Path: P:\PR\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_GW_Contours_Maps_Perched_Q2\2023.mxd
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US



Willis Creek

Cape Fear River

SMW-11
56.66

INSITU-02
NM

INSITU-01
79.11

MW-19D
84.05

SMW-09
79.98

MW-20D
85.01

MW-18D
84.79

SMW-02B
91.97

PW-02
84.54

SMW-04B
96.58

MW-21D
101.28

SMW-05P
NM

SMW-06B
97.39

NAF-11B
DRY

OW-34
67.43

SMW-08B
102.53

MW-22D
107.80

MW-15DRR
97.92

Seep A

MW-17D
111.06

MW-16D
107.03

NAF-08B
92.41

PIW-5S
50.92

OW-35
68.35

Seep B

PW-03
104.63

MW-13D
99.84

OW-36
61.55

MW-14D
104.25

PZ-L
117.81

PIW-16S
127.43

PIW-9S
NM

Seep C

PW-05
115.19

Seep D

SMW-01
137.03

PIW-10S
57.62

Outfall 003

PW-04
67.77

Lock and Dam Seep

Lock and Dam
Seep North

N

Legend

- Surficial Aquifer Monitoring Well
- Observed Seep
- Nearby Tributary
- Ground Surface Elevation Contour (ft NAVD88) - 5 ft interval
- Site Boundary
- North Forcemain
- South Forcemain
- Barrier Wall

Notes:
ft NAVD88 - feet North American Vertical Datum 1988.

1. Depth to water measurements collected on May 8, 2023.
2. Due to transient conditions as a result of the groundwater remedy installation and commissioning, potentiometric surfaces are impacted from these activities and should be considered estimates.
3. Ground surface elevation contours are derived from Lidar scans performed on December 1, 2019 and December 19, 2019 by Spectral Data Consultants, Inc.
4. Seep locations identified visually as reported in Geosyntec, 2019. Seeps and Creeks Investigation Report. Chemours Fayetteville Works. 26 August 2019.
5. 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).
6. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1,000 500 0 1,000 Feet

Groundwater Elevation Map
Surficial Aquifer - May 2023

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

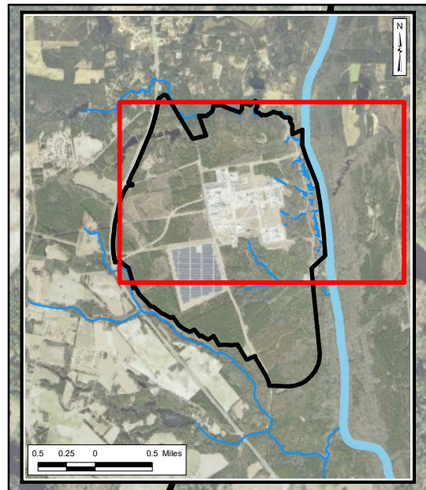
Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295

Raleigh | September 2023

Figure
A5-2

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_GW_Contours_Maps_Surficial_Q22023.mxd Last Revised: 9/28/2023 Author: DKeHoYu

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



Willis Creek

SMW-10 46.52
PW-09 47.56
OW-57 44.49
PIW-11 43.16
OW-12 29.55
OW-55 28.77
OW-11 46.52
PIW-12 27.23
OW-41 46.38
PIW-13 26.58
OW-42 45.82
SMW-12 29.48
PIW-14 30.43
OW-43 32.34
PIW-15 32.48
PIW-1S 33.17
OW-13 32.65
OW-1 57.80
PIW-1D 33.25
OW-14 34.01
OW-10 57.77
OW-16 36.11
PIW-3D 36.12
EW-1-OLD 57.50
SMW-03B 86.86
OW-44 36.69
LTW-01 36.18
BCA-01 NM
PIW-2D 57.78
PW-12 88.79
OW-17 33.07
OW-15 57.36
OW-45 39.50
LTW-02 39.40
PW-15R NM
OW-18 46.74
BCA-03R 95.54
EW-4-OLD 38.43
PIW-4D 39.35
OW-2 35.59
PW-10RR 35.63
OW-3 35.16
OW-20 38.09
LTW-03 37.03
OW-19 31.91
OW-46 38.07
PIW-6S 37.05
OW-21 32.41
PW-13 110.78
OW-47 37.64
PZ-22 37.60
LTW-04 37.49
EW-5-OLD 31.65
PW-14 NM
OW-7 31.30
OW-22 38.26
PIW-7S 36.99
PIW-7D 37.58
OW-8 30.55
OW-23 37.53
LTW-05 36.90
OW-24 30.77
OW-48 37.38
PIW-16D 124.42
PIW-9D NM
OW-49 46.98
BCA-02 NM
PIW-8D 36.90
EW-2-OLD NM
OW-25 36.08
BCA-04 116.33
OW-6 NM
OW-29 47.70
OW-27 36.02
PIW-10DR NM
OW-26 42.96
OW-30 37.12
EW-3-OLD NM
OW-50 35.32
OW-28 38.01
OW-33 37.39
OW-4 NM
OW-31 43.59
OW-38 61.50
OW-40 39.20
OW-5 NM
OW-9 NM
PW-11 NM

Cape Fear River

Seep A
Seep B
Seep C
Seep D
Lock and Dam Seep North
Lock and Dam Seep
Outfall 003

N

Legend

- Black Creek Aquifer Monitoring Well
- Floodplain Deposits Monitoring Well
- Observed Seep
- Nearby Tributary
- Ground Surface Elevation Contour (ft NAVD88) - 5 ft interval
- Site Boundary
- North Forcemain
- South Forcemain
- Barrier Wall

Notes:
ft NAVD88 - feet North American Vertical Datum 1988.
NM - Not Measured; Well is inaccessible while it is being pumped for the Black Creek Aquifer interim pumping program.
NA - Not Available; Depth to water was measured at the well but the top of casing had not been surveyed at the time of this reporting period.
1. Depth to water measurements collected on May 8, 2023.
2. Due to transient conditions as a result of the groundwater remedy installation and commissioning, potentiometric surfaces are impacted from these activities and should be considered estimates.
3. Ground surface elevation contours are derived from Lidar scans performed on December 1, 2019 and December 19, 2019 by Spectral Data Consultants, Inc.
4. Seep locations identified visually as reported in Geosyntec, 2019. Seeps and Creeks Investigation Report. Chemours Fayetteville Works. 26 August 2019.
5. 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).
6. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1,000 500 0 1,000 Feet

Groundwater Elevation Map
Black Creek Aquifer - February 2023

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295

Raleigh | September 2023

Figure
A5-3

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_GW_Contours_Maps_BlackCreek_Q22023.mxd Last Revised: 9/28/2023 Author: DKeHeYu

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

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
NC License No.: C-3500 and C-295

Attachment ATT1

Supplemental Tables to the Mass Loading Model

TABLE ATT1-1
SEEP A FLOW THROUGH CELL (FTC) DATA
Chemours Fayetteville Works, North Carolina

Date/Time	Flow Rate (gpm)	Flow Volume[1] (gal)
05/15/23 15:08	28	423.4
05/15/23 15:23	35	522.5
05/15/23 15:38	34	507.9
05/15/23 15:53	36	542.1
05/15/23 16:08	27	409.8
05/15/23 16:23	27	400.8
05/15/23 16:38	24	361.2
05/15/23 16:53	35	517.6
05/15/23 17:08	35	517.6
05/15/23 17:23	29	432.5
05/15/23 17:38	34	503.1
05/15/23 17:53	41	607.6
05/15/23 18:08	31	460.3
05/15/23 18:23	36	542.1
05/15/23 18:38	51	762.2
05/15/23 18:53	37	557.0
05/15/23 19:08	36	542.1
05/15/23 19:23	52	778.8
05/15/23 19:38	45	675.5
05/15/23 19:53	39	592.2
05/15/23 20:08	55	829.5
05/15/23 20:23	48	718.4
05/15/23 20:38	49	734.7
05/15/23 20:53	52	784.4
05/15/23 21:08	39	587.2
05/15/23 21:23	36	542.1
05/15/23 21:38	50	756.7
05/15/23 21:53	35	532.2
05/15/23 22:08	43	643.8
05/15/23 22:23	44	664.9
05/15/23 22:38	44	659.6
05/15/23 22:53	39	592.2
05/15/23 23:08	44	659.6
05/15/23 23:23	29	437.1
05/15/23 23:38	39	592.2
05/15/23 23:53	34	503.1
05/16/23 0:08	42	628.2
05/16/23 0:23	45	680.8
05/16/23 0:38	29	441.7
05/16/23 0:53	35	532.2

TABLE ATT1-1
SEEP A FLOW THROUGH CELL (FTC) DATA
Chemours Fayetteville Works, North Carolina

Date/Time	Flow Rate (gpm)	Flow Volume[1] (gal)
05/16/23 1:08	38	567.0
05/16/23 1:23	42	633.4
05/16/23 1:38	34	512.7
05/16/23 1:53	42	628.2
05/16/23 2:08	40	602.4
05/16/23 2:23	45	675.5
05/16/23 2:38	52	773.3
05/16/23 2:53	31	460.3
05/16/23 3:08	50	745.7
05/16/23 3:23	37	557.0
05/16/23 3:38	43	638.6
05/16/23 3:53	45	670.1
05/16/23 4:08	43	638.6
05/16/23 4:23	40	597.3
05/16/23 4:38	45	675.5
05/16/23 4:53	43	649.1
05/16/23 5:08	44	659.6
05/16/23 5:23	47	702.2
05/16/23 5:38	45	675.5
05/16/23 5:53	58	863.8
05/16/23 6:08	29	432.5
05/16/23 6:23	40	597.3
05/16/23 6:38	39	592.2
05/16/23 6:53	40	602.4
05/16/23 7:08	38	567.0
05/16/23 7:23	39	582.1
05/16/23 7:38	36	547.0
05/16/23 7:53	33	498.2
05/16/23 8:08	38	567.0
05/16/23 8:23	24	356.9
05/16/23 8:38	22	331.4
05/16/23 8:53	21	310.6
05/16/23 9:08	25	374.3
05/16/23 9:23	14	217.4
05/16/23 9:38	19	290.3
05/16/23 9:53	29	437.1
05/16/23 10:08	37	557.0
05/16/23 10:23	12	178.5
05/16/23 10:38	18	274.4
05/16/23 10:53	25	374.3

TABLE ATT1-1
SEEP A FLOW THROUGH CELL (FTC) DATA
Chemours Fayetteville Works, North Carolina

Date/Time	Flow Rate (gpm)	Flow Volume[1] (gal)
05/16/23 11:08	10	148.6
05/16/23 11:23	20	306.5
05/16/23 11:38	8	126.7
05/16/23 11:53	8	123.6
05/16/23 12:08	20	302.5
05/16/23 12:23	17	258.8
05/16/23 12:38	16	247.3
05/16/23 12:53	14	206.6
05/16/23 13:08	19	278.4
05/16/23 13:23	18	274.4
05/16/23 13:38	26	387.5
05/16/23 13:53	26	391.9
05/16/23 14:08	11	165.0
Total Flow Volume (gal)		48,008

Notes:

gal - gallons

gpm - gallons per minute

FTC - Flow Through Cell

1 - Flow volumes are calculated as the total volume of flow passing through the Flow through cell (FTC) for the duration of the interval (15 mins). Where the interval duration is calculated as the time between the present recording and the previous recording.

TABLE ATT1-2
SEEP B FLOW THROUGH CELL (FTC) DATA
Chemours Fayetteville Works, North Carolina

Date/Time	Flow Rate (gpm)	Flow Volume[1] (gal)
05/11/23 16:23	--	--
Total Flow Volume (gal)		--

Notes:

gal - gallons

gpm - gallons per minute

FTC - Flow Through Cell

1 - There was insufficient flow observed in Seep B FTC Effluent Basin at the time of sampling and therefore a flow rate was not calculated.

TABLE ATT1-3
SEEP C FLOW THROUGH CELL (FTC) DATA
Chemours Fayetteville Works, North Carolina

Date/Time	Flow Rate (gpm)	Flow Volume[1] (gal)
05/12/23 11:13	--	--
Total Flow Volume (gal)		--

Notes:

gal - gallons

gpm - gallons per minute

FTC - Flow Through Cell

1 - There was insufficient flow observed in Seep C FTC Effluent Basin at the time of sampling and therefore a flow rate was not calculated.

TABLE ATT1-4
SEEP D FLOW THROUGH CELL (FTC) DATA
Chemours Fayetteville Works, North Carolina

Date/Time	Flow Rate (gpm)	Flow Volume[1] (gal)
05/15/23 13:44	17.8	266.92
05/15/23 13:59	29.5	442.11
05/15/23 14:14	40.9	613.12
05/15/23 14:29	11.5	172.04
05/15/23 14:44	32.0	479.6
05/15/23 14:59	15.3	228.81
05/15/23 15:14	26.2	392.29
05/15/23 15:29	34.5	517.99
05/15/23 15:44	36.5	547.46
05/15/23 15:59	34.2	513.14
05/15/23 16:14	24.4	365.96
05/15/23 16:29	25.9	387.86
05/15/23 16:44	18.1	270.84
05/15/23 16:59	31.7	474.82
05/15/23 17:14	38.2	572.42
05/15/23 17:29	22.7	340.24
05/15/23 17:44	30.7	460.70
05/15/23 17:59	39.5	592.66
05/15/23 18:14	27.3	410.17
05/15/23 18:29	35.5	532.66
05/15/23 18:44	57.6	864.23
05/15/23 18:59	37.5	562.39
05/15/23 19:14	36.8	552.42
05/15/23 19:29	63.9	958.00
05/15/23 19:44	54.2	812.90
05/15/23 19:59	41.6	623.44
05/15/23 20:14	60.7	910.72
05/15/23 20:29	53.1	796.02
05/15/23 20:44	51.2	768.15
05/15/23 20:59	56.1	841.29
05/15/23 21:14	38.5	577.46
05/15/23 21:29	29.5	442.11
05/15/23 21:44	50.8	762.61
05/15/23 21:59	30.7	460.70
05/15/23 22:14	39.2	587.58
05/15/23 22:29	44.7	670.57
05/15/23 22:44	37.8	567.40
05/15/23 22:59	37.2	557.40
05/15/23 23:14	44.7	670.57
05/15/23 23:29	23.5	353.02
05/15/23 23:44	32.9	493.85
05/15/23 23:59	26.2	392.29

TABLE ATT1-4
SEEP D FLOW THROUGH CELL (FTC) DATA
Chemours Fayetteville Works, North Carolina

Date/Time	Flow Rate (gpm)	Flow Volume[1] (gal)
05/16/23 0:14	40.9	613.12
05/16/23 0:29	45.4	681.19
05/16/23 0:44	23.2	348.74
05/16/23 0:59	30.4	456.03
05/16/23 1:14	34.2	513.14
05/16/23 1:29	40.2	602.86
05/16/23 1:44	28.9	432.90
05/16/23 1:59	38.8	582.51
05/16/23 2:14	34.9	522.87
05/16/23 2:29	43.6	654.73
05/16/23 2:44	52.0	779.26
05/16/23 2:59	23.5	353.02
05/16/23 3:14	51.2	768.15
05/16/23 3:29	29.8	446.73
05/16/23 3:44	42.9	644.24
05/16/23 3:59	44.0	659.99
05/16/23 4:14	40.9	613.12
05/16/23 4:29	37.2	557.40
05/16/23 4:44	43.3	649.48
05/16/23 4:59	44.0	659.99
05/16/23 5:14	46.5	697.23
05/16/23 5:29	46.8	702.61
05/16/23 5:44	43.6	654.73
05/16/23 5:59	63.9	958.00
05/16/23 6:14	27.9	419.22
05/16/23 6:29	41.2	618.27
05/16/23 6:44	41.2	618.27
05/16/23 6:59	40.5	607.98
05/16/23 7:14	36.8	552.42
05/16/23 7:29	40.5	607.98
05/16/23 7:44	35.5	532.66
05/16/23 7:59	30.7	460.70
05/16/23 8:14	38.8	582.51
05/16/23 8:29	21.0	315.15
05/16/23 8:44	16.0	240.04
05/16/23 8:59	16.5	247.62
05/16/23 9:14	21.3	319.28
05/16/23 9:29	6.7	100.52
05/16/23 9:44	12.6	189.20
05/16/23 9:59	29.2	437.50
05/16/23 10:14	40.2	602.86
05/16/23 10:29	8.3	123.94

TABLE ATT1-4
SEEP D FLOW THROUGH CELL (FTC) DATA
Chemours Fayetteville Works, North Carolina

Date/Time	Flow Rate (gpm)	Flow Volume[1] (gal)
05/16/23 10:44	14.8	221.43
05/16/23 10:59	22.4	336.01
05/16/23 11:14	3.8	56.53
05/16/23 11:29	17.0	255.28
05/16/23 11:44	3.2	47.46
05/16/23 11:59	1.8	27.24
05/16/23 12:14	15.5	232.53
05/16/23 12:29	13.3	199.76
05/16/23 12:44	12.8	192.70
	Total Flow Volume (gal)	46,504

Notes:
gal - gallons
gpm - gallons per minute
FTC - Flow Through Cell
1 - Flow volumes are calculated as the total volume of flow passing through the Flow through cell (FTC) for the duration of the interval (15 mins). Where the interval duration is calculated as the time between the present recording and the previous recording.

TABLE ATT1-5
OUTFALL 003 STREAM VOLUMETRIC DISCHARGE CALCULATIONS
Chemours Fayetteville Works, North Carolina

Measurement Point	Distance Along Measured Cross Section	Measured Water Column Depth	Calculated Creek Cell Area[2]	Measured Creek Velocity	Cell Velocity	Calculated Discharge Through Creek Cell Area[1]
	(ft)	(ft)	(ft^2)	(ft/s)	(ft/s)	(ft^3/s)
West Bank	0	0.00	0.02	0.00	0.05	0.00
T	0.5	0.00		0.15		
B	0.5	0.08	0.06	0.03	0.15	0.01
T	1	0.00		0.26		
B	1	0.17	0.06	0.17	0.24	0.01
T	1.5	0.00		0.30		
B	1.5	0.08	0.04	0.22	0.18	0.01
T	2	0.00		0.15		
B	2	0.08	0.04	0.06	0.10	0.00
T	2.5	0.00		0.11		
B	2.5	0.08	0.02	0.08	0.05	0.00
East Bank	3	0.00		0.00		
			Total Volumetric Discharge (ft^3/s)			0.04
			(gpm)			17
			(L/s)			1

Associated Measurement Notes
Location: Chemours Fayetteville
Station: OLDOF-1
Date: May 11, 2023

Acronyms
- - data not measured or calculated
B - Bottom depth of water
ft - feet
ft^2 - square feet
ft^3/s - cubic feet per second
gpm - gallons per minute
L/s - liters per second
M - Middle depth of water
T - Top depth of water (i.e., 0 ft)

Notes
1 - Discharge is calculated as product of creek velocity measured at the mid-depth (feet per second) times the cross sectional area of each measurement cell.
2 - Measurement cell areas are calculated assuming a trapezoidal geometry based on distances between measurement points and the measured water column depths. A measurement cell is an areal section from the width of the river channel.

TABLE ATT1-6
WILLIS CREEK VOLUMETRIC DISCHARGE CALCULATIONS
Chemours Fayetteville Works, North Carolina

Measurement Point	Distance Along Measured Cross Section	Measured Water Column Depth	Calculated Creek Cell Area[2]	Measured Creek Velocity	Cell Velocity	Calculated Discharge Through Creek Cell Area[1]
	(ft)	(ft)	(ft^2)	(ft/s)	(ft/s)	(ft^3/s)
South Bank	0	0.00	0.67	0.00	0.28	0.19
T	2	0.00		0.72		
M	2	0.33		0.56		
B	2	0.67	1.33	0.03	0.33	0.43
T	4	0.00		0.46		
M	4	0.33		0.09		
B	4	0.67	1.00	0.02	0.29	0.29
T	6	0.00		0.68		
M	6	0.17		0.48		
B	6	0.33	0.50	0.10	0.64	0.32
T	8	0.00		1.15		
B	8	0.17	0.33	0.45	0.75	0.25
T	10	0.00		0.99		
B	10	0.17	0.25	0.41	0.63	0.16
T	12	0.00		0.75		
B	12	0.08	0.25	0.38	0.66	0.16
T	14	0.00		1.08		
B	14	0.17	0.42	0.42	0.86	0.36
T	16	0.00		1.24		
M	16	0.13		0.96		
B	16	0.25	0.42	0.68	0.97	0.40
T	18	0.00		1.11		
M	18	0.17	0.33	0.97	0.60	0.20
T	20	0.00		0.68		
B	20	0.17	0.33	0.23	0.48	0.16
T	22	0.00		0.68		
B	22	0.17	0.42	0.31	0.38	0.16
T	24	0.00		0.30		
M	24	0.13		0.27		
B	24	0.25	0.75	0.14	0.22	0.16
T	26	0.00		0.21		
M	26	0.25		0.16		
B	26	0.50	0.83	0.02	0.33	0.28
T	28	0.00		0.44		
M	28	0.17		0.50		
B	28	0.33		0.27		

Total Volumetric Discharge	
(ft^3/s)	3.5
(gpm)	1,575
(L/s)	99

Associated Measurement Notes
Location: Chemours Fayetteville
Station: Willis Creek 06 (SW-WC-06)
Date: May 11, 2023

Acronyms
- - data not measured or calculated
B - Bottom depth of water
ft - feet
ft^2 - square feet
ft^3/s - cubic feet per second
gpm - gallons per minute
L/s - liters per second
M - Middle depth of water
T - Top depth of water (i.e., 0 ft)

Notes
1 - Discharge is calculated as product of creek velocity measured at the mid-depth (feet per second) times the cross sectional area of each measurement cell.
2 - Measurement cell areas are calculated assuming a trapezoidal geometry based on distances between measurement points and the measured water column depths. A measurement cell is an areal section from the width of the river channel.

TABLE ATT1-7
GEORGIA BRANCH CREEK VOLUMETRIC DISCHARGE CALCULATIONS
Chemours Fayetteville Works, North Carolina

Location	Distance Along Measured Cross Section	Measured Water Column Depth	Calculated Creek Cell Area[2]	Measured Creek Velocity	Cell Velocity	Calculated Discharge Through Creek Cell Area[1]
	(ft)	(ft)	(ft^2)	(ft/s)	(ft/s)	(ft^3/s)
West Bank	0	0.00	0.70	0.00	0.21	0.15
T	2	0.00		0.52		
M	2	0.35		0.43		
B	2	0.70	1.80	0.39	0.51	0.92
T	4	0.00		0.56		
M	4	0.55		0.59		
B	4	1.10	2.30	0.52	0.82	1.89
T	6	0.00		0.89		
M	6	0.60		1.05		
B	6	1.20	2.20	0.13	1.07	2.35
T	8	0.00		1.18		
M	8	0.50		1.08		
B	8	1.00	1.90	0.23	1.00	1.90
T	10	0.00		0.89		
M	10	0.45		0.92		
B	10	0.90	1.10	0.49	0.62	0.68
T	12	0.00		0.33		
B	12	0.20		0.30		
			Total Volumetric Discharge (ft^3/s)			7.9
			(gpm)			3,534
			(L/s)			223

Associated Measurement Notes
Location: Chemours Fayetteville
Station: Georgia Branch 05 (SW-GB-05)
Date: May 11, 2023

Acronyms
- - data not measured or calculated
B - Bottom depth of water
ft - feet
ft^2 - square feet
ft^3/s - cubic feet per second
gpm - gallons per minute
L/s - liters per second
M - Middle depth of water
T - Top depth of water (i.e., 0 ft)

Notes
1 - Discharge is calculated as product of creek velocity measured at the middle-depth (feet per second) times the cross sectional area of each measurement cell.
2 - Measurement cell areas are calculated assuming a trapezoidal geometry based on distances between measurement points and the measured water column depths. A measurement cell is an areal section from the width of the river channel.

TABLE ATT1-8
OUTFALL 002 FLOW RATE
Chemours Fayetteville Works, North Carolina

Q2 2023 Quarterly Event	Date	Outfall 002 Flow (MGD)	Total Daily Volume (gal)	Hours of Sample Collection	Approximate Total Volume during 24 hour Sample Collection (gal)
May 2023[1]	05/11/2023	13.551	13,551,000	15.1	8,507,017
	05/12/2023	13.527	13,527,000	7.9	4,471,425
	5/11/2023 8:56:00 AM to 5/12/2023 7:56:00 AM			23.0	12,978,442

Notes:
Daily flow rates collected from facility Discharge Monitoring Reports.
1 - Total flow volume for 24-hour temporal composite sample collected at 7:56 AM on 5/12/23 approximated based on flow rates for 5/11/23 and 5/12/23.

Acronyms:
gal - gallons
MGD - millions of gallons per day

TABLE ATT1-9
FLOW DATA FOR W.O'HUSKE LOCK NR TAR HEEL, NC
Chemours Fayetteville Works, North Carolina

Q2 2023 Quarterly Event	Pathway/ Location	Sample Collection Timepoint	Flow Gauging Location[1]	Grab Sample Instantaneous Flow Rate (ft^3/s)[2]
May 2023	Upstream River Water and Groundwater	05/11/23 12:00	William O Huske Lock and Dam	2,080

Notes:

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

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

Acronyms:

ft^3/s - cubic feet per second

hr - hours

MGD - millions of gallons per day

TABLE ATT1-10
CHEMOURS FACILITY INTAKE FLOW RATE
Chemours Fayetteville Works, North Carolina

Q2 2023 Quarterly Event	Date	Intake Flow River Water Total Daily Flow Average (gpm)	Total Daily Volume (gal)	Hours of Sample Collection	Approximate Total Volume during 24 hour Sample Collection (gal)
May 2023[1]	05/11/23	9,210	13,261,771	11.6	6,428,275
	05/12/23	9,268	13,346,156	11.37	6,320,888
	5/11/2023 12:22:00 PM to 5/12/2023 11:22:00 AM			23.0	12,749,163

Notes:
Daily flow rates collected from facility Discharge Monitoring Reports.
1 - Total flow volume for 24-hour temporal composite sample collected at 11:22 am on 5/12/23 approximated based on flow rates for 5/11/23 and 5/12/23.

Acronyms:
gal - gallons
gpm - gallons per minute

TABLE ATT1-11
SEEP AND SURFACE WATER OTHER PFAS ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	CFR-BLADEN	CFR-KINGS	CFR-MILE-76	CFR-TARHEEL	CFR-TARHEEL	GBC-1
Field Sample ID	CAP2Q23-CFR-BLADEN-051123	CAP2Q23-CFR-KINGS-051623	CAP2Q23-CFR-RM-76-051123	CAP2Q23-CFR-TARHEEL-051123	CAP2Q23-CFR-TARHEEL-24-051223	CAP2Q23-GBC-1-051123
Sample Date	05/11/23	05/16/23	05/11/23	05/11/23	05/12/23	05/11/23
QA/QC						
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID	Liquid	LIQUID
Sample Delivery Group (SDG)	320-100312-1	320-100446-1	320-100313-1	320-100312-1	320-100446-1	320-100313-1
Lab Sample ID	320-100312-2	320-100446-3	320-100313-1	320-100312-1	320-100446-4	320-100313-2
537 Mod (ng/L)						
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9Cl-PF3ONS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
DONA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Perfluorobutane Sulfonic Acid	**5.1**	**4.7**	**5.1**	**5.5**	**4.4**	**2.8**
Perfluorobutanoic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	**7.8**
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.0**	**3.5**	**3.9**	**3.8**	**3.8**	<2.0
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexane Sulfonic Acid	**4.6**	**4.5**	**4.7**	**4.9**	**4.9**	<2.0
Perfluorohexanoic Acid	**7.2**	**6.8**	**7.2**	**6.9**	**7.1**	**2.3**
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoropentanoic Acid	**7.5**	**6.7**	**7.4**	**6.9**	**6.3**	**7.5**
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFOA	**7.6**	**7.1**	**7.9**	**7.9**	**8.2**	**2.3**
PFOS	**15**	**14**	**14**	**15**	**17**	<2.0

TABLE ATT1-11
SEEP AND SURFACE WATER OTHER PFAS ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	Lock-Dam North[1]	Lock-Dam Seep[1]	OLDOF-1	OUTFALL 002A	OUTFALL 002A	River Water Intake 2	SEEP-A-EFF
Field Sample ID	--	CAP2Q23-LOCK-DAM-SEEP-051123	CAP2Q23-OLDOF-1-24-051223	CAP2Q23-OUTFALL-002A-24-051123	OUTFALL-002A-24-051123-D	RIVER-WATER-INTAKE2-24-051223	CAP2Q23-SEEP-A-EFF-24-051623
Sample Date	--	45057	05/12/23	05/12/23	05/12/23	05/12/2023	05/16/2023
QA/QC					Field Duplicate		
Sample Matrix	--	LIQUID	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	--	320-100313-1	320-100313-1	320-100313-1	320-100313-1	320-100313-1	320-100446-1
Lab Sample ID	--	320-100313-7	320-100313-3	320-100313-4	320-100313-5	320-100313-6	320-100446-1
537 Mod (ng/L)							
10:2 Fluorotelomer sulfonate	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
11Cl-PF3OUdS	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
6:2 Fluorotelomer sulfonate	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9Cl-PF3ONS	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
DONA	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
N-ethylperfluoro-1-octanesulfonamide	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-methyl perfluoro-1-octanesulfonamide	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Perfluorobutane Sulfonic Acid	--	**2.2**	<2.0	**5.1**	**5.1**	**5.2**	<2.0
Perfluorobutanoic Acid	--	**70**	**15**	<5.0	<5.0	<5.0	<5.0
Perfluorodecane Sulfonic Acid	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorodecanoic Acid	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorododecane Sulfonic Acid (PFDoS)	--	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
Perfluorododecanoic Acid	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	--	**86**	**7.9**	**3.9**	**4.1**	**3.9**	<2.0
Perfluorohexadecanoic Acid (PFHxDA)	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexane Sulfonic Acid	--	**3.2**	<2.0	**4.8**	**5.0**	**4.7**	<2.0
Perfluorohexanoic Acid	--	**19**	**3.2**	**7.5**	**8.0**	**6.7**	<2.0
Perfluorononanesulfonic Acid	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorononanoic Acid	--	**2.3**	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorooctadecanoic Acid	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorooctane Sulfonamide	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoropentanoic Acid	--	**460**	**46**	**7.1**	**7.2**	**6.5**	**4.0**
Perfluorotetradecanoic Acid	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorotridecanoic Acid	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroundecanoic Acid	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFOA	--	**11**	**6.0**	**8.9**	**8.2**	**7.5**	<2.0
PFOS	--	**35**	<2.0	**12**	**13**	**12**	<2.0

TABLE ATT1-11
SEEP AND SURFACE WATER OTHER PFAS ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	SEEP-B-EFF[2]	SEEP-C-EFF[2]	SEEP-D-EFF	WC-1	EB	EB
Field Sample ID	--	--	CAP2Q23-SEEP-D-EFF-24-051623	CAP2Q23-WC-1-24-051223	CAP2Q23-EBLK-PP-051623	CAP2Q23-EQBLK-DV-051723
Sample Date	--	--	05/16/2023	05/12/2023	05/16/2023	05/17/2023
QA/QC	--	--				Equipment Blank
Sample Matrix	--	--	Liquid	Liquid	LIQUID	LIQUID
Sample Delivery Group (SDG)	--	--	320-100446-1	320-100312-1	320-100446-1	320-100611-1
Lab Sample ID	--	--	320-100446-2	320-100312-3	320-100446-5	320-100611-9
537 Mod (ng/L)						
10:2 Fluorotelomer sulfonate	--	--	<2.0	<2.0	<2.0	<2.0 UJ
11Cl-PF3OUdS	--	--	<2.0	<2.0	<2.0	<2.0 UJ
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	<2.0	<2.0	<2.0	<2.0 UJ
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	<2.0	<2.0	<2.0	<2.0 UJ
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	<2.0	<2.0	<2.0	<2.0 UJ
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	<4.0	<4.0	<4.0	<4.0 UJ
6:2 Fluorotelomer sulfonate	--	--	<5.0	<5.0	<5.0	<5.0 UJ
9Cl-PF3ONS	--	--	<2.0	<2.0	<2.0	<2.0 UJ
DONA	--	--	<2.0	<2.0	<2.0	<2.0 UJ
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	--	--	<5.0	<5.0	<5.0	<5.0 UJ
N-ethylperfluoro-1-octanesulfonamide	--	--	<2.0	<2.0	<2.0	<2.0 UJ
N-methyl perfluoro-1-octanesulfonamide	--	--	<2.0	<2.0	<2.0	<2.0 UJ
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	--	--	<5.0	<5.0	<5.0	<5.0 UJ
Perfluorobutane Sulfonic Acid	--	--	<2.0	**4.6**	<2.0	<2.0 UJ
Perfluorobutanoic Acid	--	--	<5.0	**6.3**	<5.0	<5.0 UJ
Perfluorodecane Sulfonic Acid	--	--	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorodecanoic Acid	--	--	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorododecane Sulfonic Acid (PFDoS)	--	--	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorododecanoic Acid	--	--	<2.0	<2.0	<2.0	<2.0 UJ
Perfluoroheptane Sulfonic Acid (PFHpS)	--	--	<2.0	<2.0	<2.0	<2.0 UJ
Perfluoroheptanoic Acid	--	--	<2.0	**2.4**	<2.0	<2.0 UJ
Perfluorohexadecanoic Acid (PFHxDA)	--	--	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorohexane Sulfonic Acid	--	--	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorohexanoic Acid	--	--	<2.0	**3.7**	<2.0	<2.0 UJ
Perfluorononanesulfonic Acid	--	--	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorononanoic Acid	--	--	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorooctadecanoic Acid	--	--	<2.0 UJ	<2.0	<2.0	<2.0 UJ
Perfluorooctane Sulfonamide	--	--	<2.0	<2.0	<2.0	<2.0 UJ
Perfluoropentane Sulfonic Acid (PFPeS)	--	--	<2.0	<2.0	<2.0	<2.0 UJ
Perfluoropentanoic Acid	--	--	<2.0	**11**	<2.0	<2.0 UJ
Perfluorotetradecanoic Acid	--	--	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorotridecanoic Acid	--	--	<2.0	<2.0	<2.0	<2.0 UJ
Perfluoroundecanoic Acid	--	--	<2.0	<2.0	<2.0	<2.0 UJ
PFOA	--	--	<2.0	**7.7**	<2.0	<2.0 UJ
PFOS	--	--	<2.0	<2.0	<2.0	<2.0 UJ

TABLE ATT1-11
SEEP AND SURFACE WATER OTHER PFAS ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	EB
Field Sample ID	CAP2Q23-EQBLK-IS-051723
Sample Date	05/17/2023
QA/QC	Equipment Blank
Sample Matrix	LIQUID
Sample Delivery Group (SDG)	320-100611-1
Lab Sample ID	320-100611-6
537 Mod (ng/L)	
10:2 Fluorotelomer sulfonate	<2.0 UJ
11Cl-PF3OUdS	<2.0 UJ
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0 UJ
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0 UJ
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0 UJ
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0 UJ
6:2 Fluorotelomer sulfonate	<5.0 UJ
9Cl-PF3ONS	<2.0 UJ
DONA	<2.0 UJ
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0 UJ
N-ethylperfluoro-1-octanesulfonamide	<2.0 UJ
N-methyl perfluoro-1-octanesulfonamide	<2.0 UJ
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0 UJ
Perfluorobutane Sulfonic Acid	<2.0 UJ
Perfluorobutanoic Acid	<5.0 UJ
Perfluorodecane Sulfonic Acid	<2.0 UJ
Perfluorodecanoic Acid	<2.0 UJ
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0 UJ
Perfluorododecanoic Acid	<2.0 UJ
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0 UJ
Perfluoroheptanoic Acid	<2.0 UJ
Perfluorohexadecanoic Acid (PFHxDA)	<2.0 UJ
Perfluorohexane Sulfonic Acid	<2.0 UJ
Perfluorohexanoic Acid	<2.0 UJ
Perfluorononanesulfonic Acid	<2.0 UJ
Perfluorononanoic Acid	<2.0 UJ
Perfluorooctadecanoic Acid	<2.0 UJ
Perfluorooctane Sulfonamide	<2.0 UJ
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0 UJ
Perfluoropentanoic Acid	<2.0 UJ
Perfluorotetradecanoic Acid	<2.0 UJ
Perfluorotridecanoic Acid	<2.0 UJ
Perfluoroundecanoic Acid	<2.0 UJ
PFOA	<2.0 UJ
PFOS	<2.0 UJ

Notes:

1 - Lock-Dam North was not sampled because the seep was dry.

2 - There was insufficient flow observed at Seeps B and C FTC effluent basins at the time of sampling and therefore samples were not collected.

Bold - Analyte detected above associated reporting limit
B - Analyte detected in an associated blank
EPA - Environmental Protection Agency
J - Analyte detected. Reported value may not be accurate or precise
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
< - Analyte not detected above associated reporting limit.
-- - Not measured / Not Applicable

TABLE ATT1-12
GROUNDWATER OTHER PFAS ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Water Bearing Unit[1]	Black Creek Aquifer	Black Creek Aquifer	Black Creek Aquifer	Floodplain Deposits	Floodplain Deposits	Black Creek Aquifer
Location ID	**BLADEN-1DR**	**LTW-01**	**LTW-02**	**LTW-03**	**LTW-04**	**LTW-05**
Field Sample ID	**CAP2Q23-BLADEN-1DR-051923**	**CAP2Q23-LTW-01-051723**	**CAP2Q23-LTW-02-051723**	**CAP2Q23-LTW-03-052323**	**CAP2Q23-LTW-04-052323**	**CAP2Q23-LTW-05-052223**
Sample Date	**05/19/2023**	**05/17/2023**	**05/17/2023**	**05/23/2023**	**05/23/2023**	**05/22/2023**
QA/QC						
Sample Delivery Group (SDG)	**320-100603-1**	**320-100611-1**	**320-100611-1**	**320-100782-1**	**320-100782-1**	**320-100782-1**
Lab Sample ID	**320-100603-1**	**320-100611-8**	**320-100611-5**	**320-100782-5**	**320-100782-7**	**320-100782-1**
537 Mod (ng/L)						
10:2 Fluorotelomer sulfonate	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
11Cl-PF3OUdS	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0 UJ	<4.0 UJ	<4.0	<4.0	<4.0
6:2 Fluorotelomer sulfonate	<5.0	<5.0 UJ	<5.0 UJ	<5.0	<5.0	<5.0
9Cl-PF3ONS	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
DONA	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0 UJ	<5.0	<5.0	<5.0
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0 UJ	<5.0	<5.0	<5.0
Perfluorobutane Sulfonic Acid	<2.0	**4.7 J**	<2.0 UJ	<2.0	**2.2**	<2.0
Perfluorobutanoic Acid	<5.0	**110 J**	**61 J**	**120**	**230**	**170**
Perfluorodecane Sulfonic Acid	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Perfluorodecanoic Acid	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Perfluorododecanoic Acid	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0	**48 J**	**11 J**	**28**	**52**	**200**
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Perfluorohexane Sulfonic Acid	<2.0	**6.3 J**	<2.0 UJ	<2.0	**3.3**	<2.0
Perfluorohexanoic Acid	<2.0	**23 J**	**8.4 J**	**17**	**33**	**52**
Perfluorononanesulfonic Acid	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Perfluorononanoic Acid	<2.0	**2.3 J**	<2.0 UJ	<2.0	<2.0	<2.0
Perfluorooctadecanoic Acid	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Perfluorooctane Sulfonamide	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Perfluoropentanoic Acid	**4.6**	**250 J**	**190 J**	**690**	**1,100**	**1,700**
Perfluorotetradecanoic Acid	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Perfluorotridecanoic Acid	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
PFOA	<2.0	**49 J**	<2.0 UJ	<2.0	**11**	**4.1**
PFOS	<2.0	**22 J**	<2.0 UJ	<2.0	<2.0	<2.0
	<2.0					

TABLE ATT1-12
GROUNDWATER OTHER PFAS ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Water Bearing Unit[1]	Black Creek Aquifer	Black Creek Aquifer	Floodplain Deposits	Black Creek Aquifer	Black Creek Aquifer	Black Creek Aquifer	Floodplain Deposits
Location ID	**OW-28**	**OW-33**	**PIW-1S[2]**	**PIW-1D**	**PIW-3D**	**PIW-7D**	**PIW-7S**
Field Sample ID	**CAP2Q23-OW-28-052523**	**CAP2Q23-OW-33-051823**	**--**	**CAP2Q23-PIW-1D-052323**	**CAP2Q23-PIW-3D-051723**	**CAP2Q23-PIW-7D-052223**	**CAP2Q23-PIW-7S-052223**
Sample Date	**05/25/2023**	**05/18/2023**	**--**	**05/23/2023**	**05/17/2023**	**05/22/2023**	**05/22/2023**
QA/QC			**--**				
Sample Delivery Group (SDG)	**320-100881-1**	**320-100611-1**	**--**	**320-100782-1**	**320-100611-1**	**320-100782-1**	**320-100782-1**
Lab Sample ID	**320-100881-2**	**320-100611-2**	**--**	**320-100782-4**	**320-100611-7**	**320-100782-3**	**320-100782-2**
537 Mod (ng/L)							
10:2 Fluorotelomer sulfonate	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
11Cl-PF3OUdS	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0 UJ	--	<4.0	<4.0 UJ	<4.0	<4.0
6:2 Fluorotelomer sulfonate	<5.0	<5.0 UJ	--	<5.0	<5.0 UJ	<5.0	<5.0
9Cl-PF3ONS	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
DONA	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	--	<5.0	<5.0 UJ	<5.0	<5.0
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	--	<5.0	<5.0 UJ	<5.0	<5.0
Perfluorobutane Sulfonic Acid	**2.0**	<2.0 UJ	--	<2.0	**2.1 J**	<2.0	**2.8**
Perfluorobutanoic Acid	**51**	**60 J**	--	**59**	**73 J**	**150**	**120**
Perfluorodecane Sulfonic Acid	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
Perfluorodecanoic Acid	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
Perfluorododecanoic Acid	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
Perfluoroheptanoic Acid	**7.3**	**7.6 J**	--	**19**	**32 J**	**81**	**52**
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
Perfluorohexane Sulfonic Acid	<2.0	<2.0 UJ	--	<2.0	**3.5 J**	<2.0	**3.5**
Perfluorohexanoic Acid	**12**	**10 J**	--	**11**	**14 J**	**33**	**26**
Perfluorononanesulfonic Acid	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
Perfluorononanoic Acid	<2.0	<2.0 UJ	--	<2.0	**4.8 J**	<2.0	<2.0
Perfluorooctadecanoic Acid	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
Perfluorooctane Sulfonamide	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
Perfluoropentanoic Acid	**75**	**120 J**	--	**140**	**150 J**	**1,300**	**530**
Perfluorotetradecanoic Acid	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
Perfluorotridecanoic Acid	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	<2.0 UJ	--	<2.0	<2.0 UJ	<2.0	<2.0
PFOA	**4.0**	**2.2 J**	--	**19**	**43 J**	**2.9**	**14**
PFOS	<2.0	<2.0 UJ	--	<2.0	**14 J**	<2.0	**5.4 J**

TABLE ATT1-12
GROUNDWATER OTHER PFAS ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Water Bearing Unit[1]	Surficial Aquifer	Surficial Aquifer	Surficial Aquifer	Black Creek Aquifer	Black Creek Aquifer	Surficial Aquifer
Location ID	**PW-04**	**PW-04**	**PW-06**	**PW-09**	**PW-09**	**PW-07[2]**
Field Sample ID	**CAP2Q23-PW-04-052523**	**CAP2Q23-PW-04-052523-Z**	**CAP2Q23-PW-06-051923**	**CAP2Q23-PW-09-052423**	**CAP2Q23-PW-09-052423-Z**	**--**
Sample Date	**05/25/2023**	**05/25/2023**	**05/19/2023**	**05/24/2023**	**05/24/2023**	**--**
QA/QC						
Sample Delivery Group (SDG)	**320-100881-1**	**320-100881-1**	**320-100603-1**	**320-100784-1**	**320-100784-1**	**--**
Lab Sample ID	**320-100881-1**	**320-100881-3**	**320-100603-2**	**320-100784-1**	**320-100784-2**	**--**
537 Mod (ng/L)						
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<2.0	<2.0	--
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<2.0	<2.0	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<2.0	<2.0	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<4.0	<4.0	--
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<5.0	<5.0	--
9Cl-PF3ONS	<2.0	<2.0	<2.0	<2.0	<2.0	--
DONA	<2.0	<2.0	<2.0	<2.0	<2.0	--
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	--
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	--
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	--
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	--
Perfluorobutane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	--
Perfluorobutanoic Acid	**10**	**9.8**	**9.6**	<5.0	<5.0	--
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	--
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	--
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<2.0	<2.0	--
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	--
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<2.0	<2.0	--
Perfluoroheptanoic Acid	**8.8**	**8.3**	**5.7**	<2.0	<2.0	--
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<2.0	<2.0	--
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	--
Perfluorohexanoic Acid	**3.5**	**3.3**	**3.1**	<2.0	<2.0	--
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	--
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	--
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0 UJ	--
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	--
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<2.0	<2.0	--
Perfluoropentanoic Acid	**21**	**21**	**14**	<2.0	<2.0	--
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	--
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	--
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	--
PFOA	<2.0	<2.0	**9.6**	<2.0	<2.0	--
PFOS	<2.0	<2.0	<2.0	<2.0	<2.0	--

TABLE ATT1-12
GROUNDWATER OTHER PFAS ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Water Bearing Unit[1]	Black Creek Aquifer	Surficial Aquifer	Surficial Aquifer	Black Creek Aquifer	Black Creek Aquifer	--
Location ID	PZ-22	SMW-10	SMW-11	SMW-12	SMW-12	EB
Field Sample ID	CAP2Q23-PZ-22-052323	CAP2Q23-SMW-10-051723	CAP2Q23-SMW-11-052423	CAP2Q23-SMW-12-051723	CAP2Q23-SMW-12-051723-D	CAP2Q23-EQBLK-DV-051723
Sample Date	05/23/2023	05/17/2023	05/24/2023	05/17/2023	05/17/2023	05/17/2023
QA/QC					Field Duplicate	Equipment Blank
Sample Delivery Group (SDG)	320-100782-1	320-100611-1	320-100784-1	320-100611-1	320-100611-1	320-100611-1
Lab Sample ID	320-100782-6	320-100611-1	320-100784-3	320-100611-3	320-100611-4	320-100611-9
537 Mod (ng/L)						
10:2 Fluorotelomer sulfonate	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
11Cl-PF3OUdS	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0 UJ	<4.0	<4.0 UJ	<4.0 UJ	<4.0 UJ
6:2 Fluorotelomer sulfonate	<5.0	<5.0 UJ	<5.0	<5.0 UJ	<5.0 UJ	<5.0 UJ
9Cl-PF3ONS	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
DONA	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0	<5.0 UJ	<5.0 UJ	<5.0 UJ
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0	<5.0 UJ	<5.0 UJ	<5.0 UJ
Perfluorobutane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluorobutanoic Acid	**110**	<5.0 UJ	**27**	**25 J**	**25 J**	<5.0 UJ
Perfluorodecane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluorodecanoic Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluorododecanoic Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluoroheptanoic Acid	**34**	<2.0 UJ	**22**	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluorohexane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluorohexanoic Acid	**19**	<2.0 UJ	**16**	**2.5 J**	**2.5 J**	<2.0 UJ
Perfluorononanesulfonic Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluorononanoic Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluorooctadecanoic Acid	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluorooctane Sulfonamide	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluoropentanoic Acid	**930**	<2.0 UJ	**53**	**62 J**	**65 J**	<2.0 UJ
Perfluorotetradecanoic Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluorotridecanoic Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluoroundecanoic Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
PFOA	<2.0	<2.0 UJ	**140**	<2.0 UJ	<2.0 UJ	<2.0 UJ
PFOS	<2.0	**24 J**	<2.0	**17 J**	<2.0 UJ	<2.0 UJ

TABLE ATT1-12
GROUNDWATER OTHER PFAS ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Water Bearing Unit[1]	--	--
Location ID	EB	EB
Field Sample ID	CAP2Q23-EQBLK-IS-051723	CAP2Q23-EBLK-PP-051623
Sample Date	05/17/2023	05/16/2023
QA/QC	Equipment Blank	
Sample Delivery Group (SDG)	320-100611-1	320-100446-1
Lab Sample ID	320-100611-6	320-100446-5
537 Mod (ng/L)		
10:2 Fluorotelomer sulfonate	<2.0 UJ	<2.0
11Cl-PF3OUdS	<2.0 UJ	<2.0
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0 UJ	<2.0
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0 UJ	<2.0
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0 UJ	<2.0
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0 UJ	<4.0
6:2 Fluorotelomer sulfonate	<5.0 UJ	<5.0
9Cl-PF3ONS	<2.0 UJ	<2.0
DONA	<2.0 UJ	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0 UJ	<5.0
N-ethylperfluoro-1-octanesulfonamide	<2.0 UJ	<2.0
N-methyl perfluoro-1-octanesulfonamide	<2.0 UJ	<2.0
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0 UJ	<5.0
Perfluorobutane Sulfonic Acid	<2.0 UJ	<2.0
Perfluorobutanoic Acid	<5.0 UJ	<5.0
Perfluorodecane Sulfonic Acid	<2.0 UJ	<2.0
Perfluorodecanoic Acid	<2.0 UJ	<2.0
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0 UJ	<2.0
Perfluorododecanoic Acid	<2.0 UJ	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0 UJ	<2.0
Perfluoroheptanoic Acid	<2.0 UJ	<2.0
Perfluorohexadecanoic Acid (PFHxDA)	<2.0 UJ	<2.0
Perfluorohexane Sulfonic Acid	<2.0 UJ	<2.0
Perfluorohexanoic Acid	<2.0 UJ	<2.0
Perfluorononanesulfonic Acid	<2.0 UJ	<2.0
Perfluorononanoic Acid	<2.0 UJ	<2.0
Perfluorooctadecanoic Acid	<2.0 UJ	<2.0
Perfluorooctane Sulfonamide	<2.0 UJ	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0 UJ	<2.0
Perfluoropentanoic Acid	<2.0 UJ	<2.0
Perfluorotetradecanoic Acid	<2.0 UJ	<2.0
Perfluorotridecanoic Acid	<2.0 UJ	<2.0
Perfluoroundecanoic Acid	<2.0 UJ	<2.0
PFOA	<2.0 UJ	<2.0
PFOS	<2.0 UJ	<2.0

Notes:

1 - Refers to the primary aquifer unit that the well screen is estimated to be screened within.

2- PIW-1S and PW-07 were not sampled because the wells were dry.

Bold - Analyte detected above associated reporting limit.

B - analyte detected in an associated blank

EPA - Environmental Protection Agency

J - Analyte detected. Reported value may not be accurate or precise.

ng/L - nanograms per liter

QA/QC - Quality assurance/ quality control

SDG - Sample Delivery Group

"-Z" in Sample ID denotes field filtration

< - Analyte not detected above associated reporting limit.

-- - Not measured / Not Applicable

TABLE ATT1-13
TABLE 3+ PFAS MASS DISCHARGE BY PATHWAY DOWNGRADIENT OF REMEDIES (AFTER REMEDIES)
Chemours Fayetteville Works, North Carolina

Pathway Number[1]	1	2	4	4A
Pathway Name	Upstream River Water and Groundwater	Willis Creek	Outfall 002[3]	Stormwater Treatment System[4]
Flow (MG)	1,325	2.3	13.0	--
Program	CAP SW Sampling 2Q23	CAP SW Sampling 2Q23	CAP SW Sampling 2Q23	STS Compliance Sampling
Location ID	CFR-MILE-76	WC-1	OUTFALL 002A	STS DISCHARGE
Field Sample ID	CAP2Q23-CFR-RM-76-051123	CAP2Q23-WC-1-24-051223	CAP2Q23-OUTFALL-002A-24-05112	--
Sample Date and Time[2]	05/11/23	05/12/23	05/12/23	--
Sample Delivery Group (SDG)	320-100313-1	320-100312-1	320-100313-1	--
Lab Sample ID	320-100313-1	320-100312-3	320-100313-4	--
Sample Type	Grab	Composite	Composite	--
Table 3+ Lab SOP Mass Discharge[7] (mg/s)				
HFPO-DA	ND	**0.04**	**7.4E-03**	--
PFMOAA	ND	**0.08**	ND	--
PFO2HxA	ND	**0.05**	**5.6E-03**	--
PFO3OA	ND	**0.01**	ND	--
PFO4DA	ND	**1.5E-03**	ND	--
PFO5DA	ND	ND	ND	--
PMPA	ND	**0.04**	**1.7E-03**	--
PEPA	ND	**0.01**	ND	--
PS Acid	ND	ND	ND	--
Hydro-PS Acid	ND	**1.1E-03**	ND	--
R-PSDA	ND	**8.5E-03**	ND	--
Hydrolyzed PSDA	ND	**0.04**	ND	--
R-PSDCA	ND	ND	ND	--
NVHOS, Acid Form	ND	**2.0E-03**	ND	--
EVE Acid	ND	ND	ND	--
Hydro-EVE Acid	ND	**6.7E-04**	ND	--
R-EVE	ND	**3.8E-03**	ND	--
PES	ND	ND	ND	--
PFECA B	ND	ND	ND	--
PFECA-G	ND	ND	ND	--
Total Attachment C Mass Discharge[8,9]	ND	**0.24**	**0.03**	--
Total Table 3+ Mass Discharge (17 compounds)[8,10]	ND	**0.25**	**0.03**	--
Total Table 3+ Mass Discharge (20 Compounds)[8]	ND	**0.30**	**0.04**	--

TABLE ATT1-13
TABLE 3+ PFAS MASS DISCHARGE BY PATHWAY DOWNGRADIENT OF REMEDIES (AFTER REMEDIES)
Chemours Fayetteville Works, North Carolina

Pathway Number[1]	5	6A	6B	6C
Pathway Name	Onsite Groundwater[5]	Seep A	Seep B[6]	Seep C[6]
Flow (MG)	--	0.05	--	--
Program	--	CAP SW Sampling 2Q23	CAP SW Sampling 2Q23	CAP SW Sampling 2Q23
Location ID	--	SEEP-A-EFF	SEEP-B-EFF	SEEP-C-EFF
Field Sample ID	--	CAP2Q23-SEEP-A-EFF-24-051623	--	--
Sample Date and Time[2]	--	05/16/23	--	--
Sample Delivery Group (SDG)	--	320-100446-1	--	--
Lab Sample ID	--	320-100446-1	--	--
Sample Type	--	Composite	--	--
Table 3+ Lab SOP Mass Discharge[7] (mg/s)				
HFPO-DA	0.01	1.5E-04	--	--
PFMOAA	0.03	4.8E-04	--	--
PFO2HxA	0.01	4.0E-04	--	--
PFO3OA	2.2E-03	3.8E-05	--	--
PFO4DA	4.0E-04	1.0E-05	--	--
PFO5DA	ND	ND	--	--
PMPA	0.01	1.7E-04	--	--
PEPA	1.7E-03	8.8E-05	--	--
PS Acid	ND	ND	--	--
Hydro-PS Acid	7.4E-05	ND	--	--
R-PSDA	2.6E-04	ND	--	--
Hydrolyzed PSDA	3.2E-04	ND	--	--
R-PSDCA	ND	ND	--	--
NVHOS, Acid Form	3.1E-04	1.1E-05	--	--
EVE Acid	ND	ND	--	--
Hydro-EVE Acid	7.8E-05	ND	--	--
R-EVE	1.8E-04	ND	--	--
PES	ND	ND	--	--
PFECA B	ND	ND	--	--
PFECA-G	ND	ND	--	--
Total Attachment C Mass Discharge[8,9]	0.06	1.3E-03	--	--
Total Table 3+ Mass Discharge (17 compounds)[8,10]	0.06	1.3E-03	--	--
Total Table 3+ Mass Discharge (20 Compounds)[8]	0.06	1.4E-03	--	--

TABLE ATT1-13
TABLE 3+ PFAS MASS DISCHARGE BY PATHWAY DOWNGRADIENT OF REMEDIES (AFTER REMEDIES)
Chemours Fayetteville Works, North Carolina

Pathway Number[1]	6D	6E	6F	7
Pathway Name	Seep D	Lock and Dam Seep	Lock and Dam North	Outfall 003 Stream
Flow (MG)	0.05	1.8E-03	--	0.02
Program	CAP SW Sampling 2Q23	CAP SW Sampling 2Q23	CAP SW Sampling 2Q23	CAP SW Sampling 2Q23
Location ID	SEEP-D-EFF	Lock-Dam Seep	Lock-Dam North	OLDOF-1
Field Sample ID	CAP2Q23-SEEP-D-EFF-24-051623	CAP2Q23-LOCK-DAM-SEEP-051123	--	CAP2Q23-OLDOF-1-24-051223
Sample Date and Time[2]	05/16/23	05/11/23	--	05/12/23
Sample Delivery Group (SDG)	320-100446-1	320-100313-1	--	320-100313-1
Lab Sample ID	320-100446-2	320-100313-7	--	320-100313-3
Sample Type	Composite	Grab	--	Composite
Table 3+ Lab SOP Mass Discharge[7] (mg/s)				
HFPO-DA	1.3E-05	6.2E-04	--	1.5E-03
PFMOAA	ND	4.8E-03	--	7.7E-03
PFO2HxA	2.2E-05	1.8E-03	--	3.0E-03
PFO3OA	ND	1.1E-03	--	1.0E-03
PFO4DA	ND	2.1E-04	--	3.7E-04
PFO5DA	ND	1.3E-05	--	1.1E-04
PMPA	ND	3.2E-04	--	1.0E-03
PEPA	ND	1.5E-04	--	4.1E-04
PS Acid	ND	4.4E-07	--	6.7E-06
Hydro-PS Acid	ND	1.5E-05	--	5.4E-05
R-PSDA	ND	2.8E-05	--	ND
Hydrolyzed PSDA	ND	1.0E-04	--	ND
R-PSDCA	ND	9.4E-07	--	2.3E-06
NVHOS, Acid Form	ND	7.4E-05	--	1.1E-04
EVE Acid	ND	ND	--	ND
Hydro-EVE Acid	ND	1.3E-05	--	3.3E-05
R-EVE	ND	4.8E-05	--	ND
PES	ND	ND	--	ND
PFECA B	ND	ND	--	ND
PFECA-G	ND	ND	--	ND
Total Attachment C Mass Discharge[8,9]	**3.5E-05**	**8.6E-03**	--	**0.02**
Total Table 3+ Mass Discharge (17 compounds)[8,10]	**3.5E-05**	**9.4E-03**	--	**0.02**
Total Table 3+ Mass Discharge (20 Compounds)[8]	**3.5E-05**	**9.4E-03**	--	**0.02**

TABLE ATT1-13
TABLE 3+ PFAS MASS DISCHARGE BY PATHWAY DOWNGRADIENT OF REMEDIES (AFTER REMEDIES)
Chemours Fayetteville Works, North Carolina

Pathway Number[1]	**9**	**Sum of All Pathways**
Pathway Name	**Georgia Branch Creek**	
Flow (MG)	**5.1**	
Program	**CAP SW Sampling 2Q23**	
Location ID	**GBC-1**	
Field Sample ID	**CAP2Q23-GBC-1-051123**	
Sample Date and Time[2]	**05/11/23**	
Sample Delivery Group (SDG)	**320-100313-1**	
Lab Sample ID	**320-100313-2**	
Sample Type	**Grab**	
Table 3+ Lab SOP Mass Discharge[7] (mg/s)		
HFPO-DA	**0.07**	**0.13**
PFMOAA	**0.01**	**0.14**
PFO2HxA	**0.06**	**0.13**
PFO3OA	**9.1E-03**	**0.02**
PFO4DA	**2.7E-03**	**5.2E-03**
PFO5DA	ND	**1.2E-04**
PMPA	**0.10**	**0.15**
PEPA	**0.03**	**0.05**
PS Acid	ND	**7.1E-06**
Hydro-PS Acid	**4.0E-03**	**5.2E-03**
R-PSDA	**0.01**	**0.02**
Hydrolyzed PSDA	ND	**0.04**
R-PSDCA	ND	**3.2E-06**
NVHOS, Acid Form	**6.2E-04**	**3.1E-03**
EVE Acid	ND	ND
Hydro-EVE Acid	ND	**7.9E-04**
R-EVE	**4.9E-03**	**0.01**
PES	ND	ND
PFECA B	ND	ND
PFECA-G	ND	ND
Total Attachment C Mass Discharge[8,9]	**0.29**	**0.64**
Total Table 3+ Mass Discharge (17 compounds)[8,10]	**0.29**	**0.66**
Total Table 3+ Mass Discharge (20 Compounds)[8]	**0.29**	**0.71**

Notes:
1 - Pathway 3 (Aerial Deposition on Water Features) and Pathway 8 (Offsite Adjacent and Downstream Groundwater) are not included in this table. Loading from Pathway 3 was estimated using relative concentration ratios from offsite wells, and loading from Pathway 8 was estimated by scaling to the upstream offsite groundwater loading. Further details are provided in Attachment 2 and Cape Fear River PFAS Mass Loading Calculation Protocol Version 2 (Geosyntec, 2020a).

2 - For composite samples, the end of the composite sample time period is listed as the sample date.
3 - 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.
4 - 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 May 2023 Sampling Event there was no stormwater flow to the stormwater treatment system, so there was no mass loading calculated for this location.

5 - Due to transient conditions as a result of the groundwater remedy installation and commissioning, gradient measurements are impacted from these activities and should be considered estimates.

6 - There was insufficient flow observed at Seeps B and C FTC effluent basins at the time of sampling and therefore samples were not collected and mass discharge could not be calculated.
7 - Mass discharge by analyte is calculated based on Table 3+ concentrations in Tables A5 and A6, and flow volumes reported in Table A2.
8 - Total PFAS mass discharge is based on the summed Total PFAS concentrations reported in Table A5 and Table A6, which are rounded to two significant figures.
9 - Total Attachment C does not include Perfluoroheptanoic acid (PFHpA).
10 - Total Table 3+ (17 compounds) does not include Perfluoroheptanoic acid (PFHpA), R-PSDA, Hydrolyzed PSDA, and R-EVE.
Bold - Analyte detected above associated reporting limit
SOP - Standard Operating Procedure
MG - million gallons ; mg/s - milligrams per second
ND - Analyte not detected above associated reporting limit.

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
NC License No.: C-3500 and C-295

Attachment ATT2

Direct Aerial Deposition on Cape Fear River

Introduction and Objective

Nine pathways (Table A1 of Appendix A) were identified as potentially contributing to observed Cape Fear River per- and polyfluoroalkyl substances (PFAS) concentrations. These pathways include direct PFAS aerial deposition to the Cape Fear River. This pathway was identified as Transport Pathway Number 3 in the PFAS mass loading model. The mass discharge (mass per unit time measured in milligrams per second [mg/s]) from direct aerial deposition of PFAS to the Cape Fear River was estimated by scaling air deposition modeling results for Hexafluoropropylene oxide dimer acid (HFPO-DA; ERM, 2018). The objective of the supporting calculations presented in this appendix is to estimate aerially deposited PFAS directly on the Cape Fear River during a mass loading event.

Approach

HFPO-DA mass loading directly to the Cape Fear River was estimated using the reported aerial extent and deposition contours modeled for October 2018 (ERM, 2018). As depicted in Table ATT2-1, the HFPO-DA air loading data (micrograms per meters squared [µg/m^2]) provided from ERM (2018) was used to calculate the net hourly deposition rate (nanograms per meters squared per hour [ng/m^2/hr]) using the Equation 1 below:

Equation 1: Net Hourly Deposition Rate

$$DR_{NET} = \frac{ML_{AIR}}{t_{AIR}}$$

where,

DR_{NET} = Net hourly deposition rate with units of mass per area per time (M L^{-2} T^{-1}), typically in ng/m^2/hr;

ML_{AIR} = Air mass loading of HFPO-DA with units of mass per area (M L^{-2}), typically µg/m^2; and

t_{AIR} = Time that air mass loading was modeled (T), typically hours.

Depositional area along the river was calculated using available data for river width and computed river lengths where deposition contours were modeled. Eighteen sections (Figure ATT 2-1) provided from FEMA (2007) were selected along the Cape Fear River to measure the average river width (m). As depicted in Figures ATT2-2 through ATT2-6, sections along the Cape Fear River with HFPO-DA concentrations contours ranging from 40 to 640 µg/m^2 were selected, and the length of the Cape Fear River along each of the sections was measured. The average river width calculated in Table ATT2-2 and section lengths from Figures ATT2-2 through ATT2-6 were used to calculate section areas (m^2) as described in Equation 2 below:

Equation 2: Cape Fear River Surface Area for Each Section

$$A_s = L_s \times W_s$$

where,

A_s = Total spatial area over which deposition occurs between contours (L^2) in section "*s*", typically in m^2;

s = Section along the Cape Fear River with HFPO-DA concentrations contours ranging from 40 to 640 µg/m^2 (five sections in total);

L = Total length of river within section "*s"*, typically in m; and

W_s = Average river width in section "*s*", typically in m.

Start and end deposition rates (ng/m^2/hr) for each section along the Cape Fear River will be estimated based on the deposition contours and corresponding net hourly deposition rate (Table ATT2-1); a combined deposition rate for each section will be calculated as the average of the start and end deposition rates. River velocity (meters per hour [m/hr]) will be estimated from measured flow rates from USGS (2023) and the calculated river cross sectional area. Section lengths will be used to calculate HFPO-DA travel time based on the river velocities in Table ATT2-3. The combined deposition rate (ng/m^2/hr) from Table ATT2-1, section area (m^2), and travel time (hr) will be used to calculate mass HFPO-DA deposited (ng) as follows in **Equation 3** below.

Equation 3: Total HFPO-DA Mass Discharge to Cape Fear River

$$MD_{HFPO-DA} = \sum_{s=1}^{S} DR_{AVG,s} \times A_s \times t_s$$

where,

$MD_{HFPO-DA}$ = total mass discharge of HFPO-DA into the river across all sections, with units of mass per time (M T^{-1}), typically mg/s;

s = section along the Cape Fear River with HFPO-DA concentrations contours ranging from 40 to 640 µg/m^2;

S = total number of sections along the Cape Fear River with HFPO-DA concentrations contours ranging from 40 to 640 µg/m^2, five in total;

$DR_{AVG,s}$ = average deposition rate based from the ERM model (2018) in section "*s*", typically in ng/m^2/hr;

A_s = spatial area over which deposition occurs in section "*s*", typically in m^2; and

t_s = travel time through the river length in section "*s*", typically in hr.

As reported in the Corrective Action Plan (Geosyntec, 2019), ten offsite groundwater seeps south of Outfall 003 (Seeps E to M) were identified on the west bank of the Cape Fear River south of

the Site. Seeps E to M were sampled in October 2019 and Seeps E to K were sampled in March 2020 and analyzed for PFAS. The results of both sampling events indicate that Seeps E to M show an aerial deposition PFAS signature (concentrations decrease in seeps more distant from the Site). Accordingly, the offsite seep data were used to build a relationship between HFPO-DA and other PFAS compounds (Figure ATT 2-7). A scaling factor (Table ATT2-4) was used to estimate mass discharge of Total PFAS compounds to the Cape Fear River as shown in Equation 4. Table ATT2-5 shows the estimated mass discharges of HFPO-DA and Total PFAS compounds to the Cape Fear River.

Equation 4: Total PFAS Mass Discharge to Cape Fear River

$$MD_{PFAS} = MD_{HFPO-DA} \times R$$

where,

MD_{PFAS} = total mass discharge of PFAS compounds into the river, typically in mg/s;

$MD_{HFPO-DA}$ = total mass discharge of HFPO-DA into the river, typically in mg/s; and

R = average ratio of measured HFPO-DA to PFAS compounds across the nine offsite seeps.

References

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

Federal Emergency Management Agency (FEMA), 2007. "A Report of Flood Hazards in Bladen County, North Carolina and Incorporated Areas." (2007) Flood Insurance Study, Federal Emergency Management Agency. North Carolina Flood Risk Information System Engineering Model. Cape Fear River ADJ. HEC-RAS 5.0.7.

Geosyntec, 2019. Corrective Action Plan. Chemours Fayetteville Works. December 31, 2019.

USGS, 2023. USGS 02105500 Cape Fear River at Wilm O Huske Lock near Tarheel, NC. Available at: https://waterdata.usgs.gov/nwis/uv?site_no=02105500

TABLE ATT2-1
NET HOURLY HFPO-DA DEPOSITION RATE
Chemours Fayetteville Works, North Carolina

Air Loading ($\mu g/m^2$)	Air Loading (ng/m^2)	Time (year)	Time (hour)	Net Hourly Deposition Rate ($ng/m^2/hr$)
40	40,000	1	8,760	4.6
80	80,000	1	8,760	9.1
160	160,000	1	8,760	18.3
320	320,000	1	8,760	36.5
640	640,000	1	8,760	73.1

Notes:

1. HFPO-DA model values are from ERM (2018). Modeling Report: HFPO-DA Atmospheric Deposition and Screening Groundwater Effects. 27 April 2018.
2. Air deposition contours are shown in Figures ATT2 through ATT6.
3. Net hourly deposition rates are used in the mass discharge calculations, Table ATT2-5.

Abbreviations:

$\mu g/m^2$: micrograms per meter square.
ng /L: nanograms per liter.
$ng/m^2/hr$: nanograms per meter square per hour.

TABLE ATT2-2
ESTIMATION OF CAPE FEAR RIVER AVERAGE WIDTH
Chemours Fayetteville Works, North Carolina

Cross section ID*	HEC-RAS Model Point ID**	Easting (ft)	Northing (ft)	Cape Fear River Width at Cross Section (m)
619506	0	2,052,368	399,949	84
	1	2,052,366	399,949	
	2	2,052,334	399,946	
	3	2,052,254	399,938	
	4	2,052,155	399,928	
	5	2,052,095	399,922	
	6	2,052,093	399,922	
614224	18	2,053,460	394,655	163
	19	2,053,436	394,649	
	20	2,053,281	394,613	
	21	2,053,277	394,612	
	22	2,053,180	394,590	
	23	2,053,079	394,566	
	24	2,052,977	394,543	
	25	2,052,949	394,536	
	26	2,052,924	394,531	
616535	7	2,053,113	396,901	91
	8	2,053,070	396,895	
	9	2,052,990	396,886	
	10	2,052,891	396,874	
	11	2,052,831	396,867	
	12	2,052,815	396,865	
613542	21	2,053,373	393,937	89
	22	2,053,349	393,931	
	23	2,053,271	393,913	
	24	2,053,174	393,891	
	25	2,053,115	393,877	
	26	2,053,081	393,869	
614517	13	2,053,209	394,897	76***
	14	2,053,130	394,878	
	15	2,053,032	394,854	
	16	2,052,974	394,840	
	17	2,052,961	394,837	
610240	31	2,053,769	390,652	60***
	32	2,053,729	390,645	
	33	2,053,643	390,630	
	34	2,053,602	390,623	
	35	2,053,572	390,618	
612082	27	2,053,560	392,482	72
	28	2,053,430	392,455	
	29	2,053,370	392,443	
	30	2,053,322	392,433	
606667	1271	2,054,059	387,249	101
	1272	2,054,022	387,215	
	1273	2,053,995	387,190	
	1274	2,053,946	387,145	
	1275	2,053,861	387,067	
	1276	2,053,812	387,023	
	1277	2,053,801	387,012	
	1278	2,053,727	386,945	
608468	1193	2,053,950	388,876	107
	1194	2,053,902	388,874	
	1195	2,053,843	388,871	
	1196	2,053,717	388,866	
	1197	2,053,659	388,864	
	1198	2,053,650	388,863	
	1199	2,053,600	388,861	
606667	1271	2,054,059	387,249	101
	1272	2,054,022	387,215	
	1273	2,053,995	387,190	
	1274	2,053,946	387,145	
	1275	2,053,861	387,067	
	1276	2,053,812	387,023	
	1277	2,053,801	387,012	
	1278	2,053,727	386,945	

TABLE ATT2-2
ESTIMATION OF CAPE FEAR RIVER AVERAGE WIDTH
Chemours Fayetteville Works, North Carolina

Cross section ID*	HEC-RAS Model Point ID**	Easting (ft)	Northing (ft)	Cape Fear River Width at Cross Section (m)
600052	1498	2,057,643	382,269	87
	1499	2,057,610	382,246	
	1500	2,057,556	382,208	
	1501	2,057,461	382,141	
	1502	2,057,408	382,103	
	1503	2,057,398	382,096	
	1504	2,057,358	382,067	
604474	1331	2,055,879	386,154	95
	1332	2,055,812	386,120	
	1333	2,055,753	386,090	
	1334	2,055,647	386,037	
	1335	2,055,588	386,007	
	1336	2,055,566	385,996	
597968	1565	2,058,901	380,593	116
	1566	2,058,830	380,549	
	1567	2,058,774	380,515	
	1568	2,058,675	380,453	
	1569	2,058,619	380,418	
	1570	2,058,518	380,356	
602061	1406	2,056,453	383,857	104
	1407	2,056,356	383,798	
	1408	2,056,301	383,763	
	1409	2,056,202	383,702	
	1410	2,056,146	383,667	
	1411	2,056,113	383,647	
594185	1717	2,060,560	377,186	100
	1718	2,060,482	377,157	
	1719	2,060,421	377,134	
	1720	2,060,312	377,094	
	1721	2,060,250	377,071	
	1722	2,060,232	377,065	
596259	1644	2,059,549	379,003	84
	1645	2,059,534	378,996	
	1646	2,059,474	378,970	
	1647	2,059,368	378,923	
	1648	2,059,308	378,896	
	1649	2,059,275	378,881	
587968	2042	2,061,270	371,304	93
	2043	2,061,246	371,290	
	2044	2,061,179	371,252	
	2045	2,061,092	371,203	
	2046	2,061,042	371,174	
	2047	2,060,966	371,131	
591595	1825	2,060,295	374,663	91
	1826	2,060,270	374,661	
	1827	2,060,201	374,658	
	1828	2,060,079	374,653	
	1829	2,060,010	374,650	
	1830	2,059,995	374,649	
590322	1931	2,060,424	373,459	100
	1932	2,060,378	373,442	
	1933	2,060,372	373,439	
	1934	2,060,311	373,416	
	1935	2,060,202	373,376	
	1936	2,060,140	373,353	
	1937	2,060,097	373,336	
Average River Cross Section Width (m) =				**99**

Notes:
*Cross sections locations are shown in Figure ATT2-1.
**Model point ID: are locations with northing, easting, and river depths provided in the HEC-RAS model.
1. Data provided from: "A Report of Flood Hazards in Bladen County, North Carolina and Incorporated Areas." RiverADJ. HEC-RAS 5.0.7. (2007) Flood Insurance Study, Federal Emergency Management Agency. North Carolina Flood Risk Information System Engineering Model. Cape Fear RiverADJ. HEC-RAS 5.0.7.
2. The horizontal datum is North American Datum 1983 projected into North Carolina East State Plane (3200).
3. The vertical datum is North American Datum 1988 projected into North Carolina East State Plane (3200).

Abbreviations:
ft: feet
m: meter

TABLE ATT2-3
SUMMARY OF FLOW IN CAPE FEAR RIVER AT WILM O'HUSKE LOCK NR TARHEEL, NC
Chemours Fayetteville Works, North Carolina

Date	USGS Reported Average Discharge[1] (cfs)	USGS Reported Average Gage Height[1] (ft)	USGS Reported Total Precipitation[1,2] (inches)	USGS Reported Average Discharge (L/s)	Measured River Width (ft)	Estimated River Depth (ft)	Z Value[3]	Calculated Total Cross Sectional Area (ft^2)	Calculated River Velocity (ft/s)
5/11/2023	2053.96	2.09	0	58,162	323	19	2	5,322	0.4
5/12/2023	1729.69	1.89	0	48,979	323	18	2	5,272	0.3
5/13/2023	1588.13	1.80	0	44,971	323	18	3	4,914	0.3
								Average River Velocity:	**0.3**

Notes:

1) Measurements are recorded from the USGS flow gauging station at the W.O. Huske Dam, ID 02105500 (USGS, 2023).

2) The minimum value recorded by a USGS raingage is 0.01 inches. Anything detected below this threshold is recorded as 0 inches.

3) Z value is an estimated factor used to compute total cross sectional area from river depth.

cfs: cubic feet per second

ft: feet

ft^2: feet squared

ft/s: feet per second

L/s: Liter per second

USGS - United States Geological Survey

TABLE ATT2-4
RATIO OF OTHER PFAS COMPOUNDS TO HFPO-DA
Chemours Fayetteville Works, North Carolina

Location ID	SEEP-E	SEEP-E	SEEP-F	SEEP-F	SEEP-G	SEEP-G	SEEP-H
Field Sample ID	SEEP-E-0930	Seep E-030420	SEEP-F-0923	Seep F-030420	SEEP-G-0911	Seep G-030420	SEEP-H-0905
Sample Date	10/22/2019	3/4/2020	10/22/2019	3/4/2020	10/22/2019	3/4/2020	10/22/2019
QA/QC	--	--	--	--	--	--	--
Sample Delivery Group (SDG)	320-55576-1	2091227	320-55576-1	2091227	320-55576-1	2091227	320-55576-1
Lab Sample ID	320-55576-1	1274949	320-55576-2	1274953	320-55576-3	1274957	320-55576-4
Table 3+ SOP (ng/L)							
HFPO-DA	**1,200**	**950**	**1,100**	**1,100**	**700**	**730**	**550**
PFMOAA	**480 J**	**390**	**900**	**730**	**190**	**220**	**140**
PFO2HxA	**800**	**470**	**810**	**640**	**470**	**410**	**350**
PFO3OA	**170**	**83**	**130**	**110**	**57**	**56**	**28**
PFO4DA	**83**	**17**	**7.3**	**9.1**	**9**	**7.9**	<2
PFO5DA	**46**	<2	<2	<2	<2	<2	<2
PMPA	**2,300**	**1,800**	**2,800**	**2,100**	**1,500**	**1,500**	**1,200**
PEPA	**710**	**600**	**870**	**710**	**490**	**520**	**360**
PS Acid	<2	<2	<2	<2	<2	<2	<2
Hydro-PS Acid	**90**	**24**	**9.6**	**10**	**22**	**11**	**16**
R-PSDA	**220 J**	**53 J**	**92**	**68 J**	**79 J**	**44 J**	**39 J**
Hydrolyzed PSDA	**2.1 J**	<2	<2.9	<2	<2	<2	<2
R-PSDCA	<2	<2	<2	<2	<2	<2	<2
NVHOS	**15**	**6**	**12**	**8**	**5.4**	**5**	**4.3**
EVE Acid	<2	<2	<2	<2	<2	<2	<2
Hydro-EVE Acid	**7.7**	**2.3**	**2**	<2	<2	<2	<2
R-EVE	**76**	**20**	**60**	**40**	**39**	**28**	**21 J**
PES	<2	<2	<2.3	<2	<2	<2	<2
PFECA B	<2	<2	<3	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2	<2	<2
Total Attachment C (ng/L)[1,2]	**5,900**	**4,300**	**6,600**	**5,400**	**3,400**	**3,500**	**2,600**
Total Table 3+ (17 Compounds) (ng/L)[2,3]	**5,900**	**4,300**	**6,600**	**5,400**	**3,400**	**3,500**	**2,600**
Total Table 3+ (20 Compounds) (ng/L)[2]	**6,200**	**4,400**	**6,800**	**5,500**	**3,600**	**3,500**	**2,700**
Ratio of Total Attachment C to HFPO-DA	**4.9**	**4.5**	**6.0**	**4.9**	**4.9**	**4.8**	**4.7**
Ratio of Total Table 3+ (17 Compounds) to HFPO-DA	**4.9**	**4.5**	**6.0**	**4.9**	**4.9**	**4.8**	**4.7**
Ratio of Total Table 3+ (20 Compounds) to HFPO-DA	**5.2**	**4.6**	**6.2**	**5.0**	**5.1**	**4.8**	**4.9**
Average Ratio of Total Attachment C to HFPO-DA	**4.85**						
Average Ratio of Total Table 3+ (17 Compounds) to HFPO-DA	**4.87**						
Average Ratio of Total Table 3+ (20 Compounds) to HFPO-DA	**5.03**						

TABLE ATT2-4
RATIO OF OTHER PFAS COMPOUNDS TO HFPO-DA
Chemours Fayetteville Works, North Carolina

Location ID	SEEP-H	SEEP-I	SEEP-I	SEEP-J	SEEP-J	SEEP-K	SEEP-K
Field Sample ID	Seep H-030420	SEEP-I-0856	Seep I-030420	SEEP-J-0843	Seep J-030420	SEEP-K-0835	Seep K-030420
Sample Date	3/4/2020	10/22/2019	3/4/2020	10/22/2019	3/4/2020	10/22/2019	3/4/2020
QA/QC	--	--	--	--	--	--	--
Sample Delivery Group (SDG)	2091227	320-55576-1	2091227	320-55576-1	2091227	320-55576-1	2091227
Lab Sample ID	1274961	320-55576-5	1274965	320-55576-6	1274969	320-55576-7	1274973
Table 3+ SOP (ng/L)							
HFPO-DA	**540**	**570**	**470**	**580**	**250**	**640**	**490**
PFMOAA	**180**	**130**	**200**	**180 J**	**140**	**160**	**210**
PFO2HxA	**330**	**300**	**280**	**350 J**	**130**	**320**	**230**
PFO3OA	**30**	**17**	**18**	**120 J**	**16**	**41**	**28**
PFO4DA	<2	<2	<2	**58**	**4.7**	**11**	**5**
PFO5DA	<2	<2	<2	**20 J**	**2.2**	**4.8**	<2
PMPA	**1,100**	**1,200**	**1,100**	**810 J**	**660**	**1,300**	**1,000**
PEPA	**360**	**390**	**390**	**260**	**200**	**400**	**350**
PS Acid	<2	<2	<2	<2	<2	<2	<2
Hydro-PS Acid	**9.3**	**12**	**12**	**37**	**6.9**	**70**	**16**
R-PSDA	**30 J**	**53 J**	**36**	**110 J**	**23**	**130 J**	**49**
Hydrolyzed PSDA	<2	<2	<2	<2	<2	<2	<2
R-PSDCA	<2	<2	<2	<2	<2	<2	<2
NVHOS	**3.7**	**4.4**	**4.5**	**8.1 J**	**2.8**	**5.2**	**4.7**
EVE Acid	<2	<2	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	**2.7**	<2	**3.5**	<2
R-EVE	**20**	**23 J**	**17**	**16**	**13**	**46 J**	**25**
PES	<2	<2	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2	<2	<2
Total Attachment C (ng/L)[1,2]	**2,500**	**2,600**	**2,500**	**2,400**	**1,400**	**2,900**	**2,300**
Total Table 3+ (17 Compounds) (ng/L)[2,3]	**2,600**	**2,600**	**2,500**	**2,400**	**1,400**	**3,000**	**2,300**
Total Table 3+ (20 Compounds) (ng/L)[2]	**2,600**	**2,700**	**2,500**	**2,600**	**1,400**	**3,100**	**2,400**
Ratio of Total Attachment C to HFPO-DA	**4.6**	**4.6**	**5.3**	**4.1**	**5.6**	**4.5**	**4.7**
Ratio of Total Table 3+ (17 Compounds) to HFPO-DA	**4.8**	**4.6**	**5.3**	**4.1**	**5.6**	**4.7**	**4.7**
Ratio of Total Table 3+ (20 Compounds) to HFPO-DA	**4.8**	**4.7**	**5.3**	**4.5**	**5.6**	**4.8**	**4.9**
Average Ratio of Total Attachment C to HFPO-DA	**4.85**						
Average Ratio of Total Table 3+ (17 Compounds) to HFPO-DA	**4.87**						
Average Ratio of Total Table 3+ (20 Compounds) to HFPO-DA	**5.03**						

TABLE ATT2-4
RATIO OF OTHER PFAS COMPOUNDS TO HFPO-DA
Chemours Fayetteville Works, North Carolina

Location ID	SEEP-L	SEEP-M
Field Sample ID	SEEP-L-0825	SEEP-M-0818
Sample Date	10/22/2019	10/22/2019
QA/QC	--	--
Sample Delivery Group (SDG)	320-55576-1	320-55576-1
Lab Sample ID	320-55576-8	320-55576-9
Table 3+ SOP (ng/L)		
HFPO-DA	**520**	**570**
PFMOAA	**130**	**100**
PFO2HxA	**220**	**190**
PFO3OA	**18**	**15**
PFO4DA	**2.7**	<2
PFO5DA	<2	<2
PMPA	**1,200**	**1,300**
PEPA	**350**	**410**
PS Acid	<2	<2
Hydro-PS Acid	**44**	**28**
R-PSDA	**120 J**	**78 J**
Hydrolyzed PSDA	<2	<2
R-PSDCA	<2	<2
NVHOS	**5.9**	**5.6**
EVE Acid	<2	<2
Hydro-EVE Acid	<2	<2
R-EVE	**44 J**	**26 J**
PES	<2	<2
PFECA B	<2	<2
PFECA-G	<2	<2
Total Attachment C (ng/L)[1,2]	**2,500**	**2,600**
Total Table 3+ (17 Compounds) (ng/L)[2,3]	**2,500**	**2,600**
Total Table 3+ (20 Compounds) (ng/L)[2]	**2,700**	**2,700**
Ratio of Total Attachment C to HFPO-DA	**4.8**	**4.6**
Ratio of Total Table 3+ (17 Compounds) to HFPO-DA	**4.8**	**4.6**
Ratio of Total Table 3+ (20 Compounds) to HFPO-DA	**5.2**	**4.7**
Average Ratio of Total Attachment C to HFPO-DA	**4.85**	
Average Ratio of Total Table 3+ (17 Compounds) to HFPO-DA	**4.87**	
Average Ratio of Total Table 3+ (20 Compounds) to HFPO-DA	**5.03**	

Notes:
Bold - Analyte detected above associated reporting limit
J - Analyte detected. Reported value may not be accurate or precise
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
< - Analyte not detected above associated reporting limit.
1 - Total Attachment C does not include Perfluoroheptanoic acid (PFHpA).
2 - Total Table 3+ and Total Attachment C were calculated including J qualified data but not 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, and R-EVE.

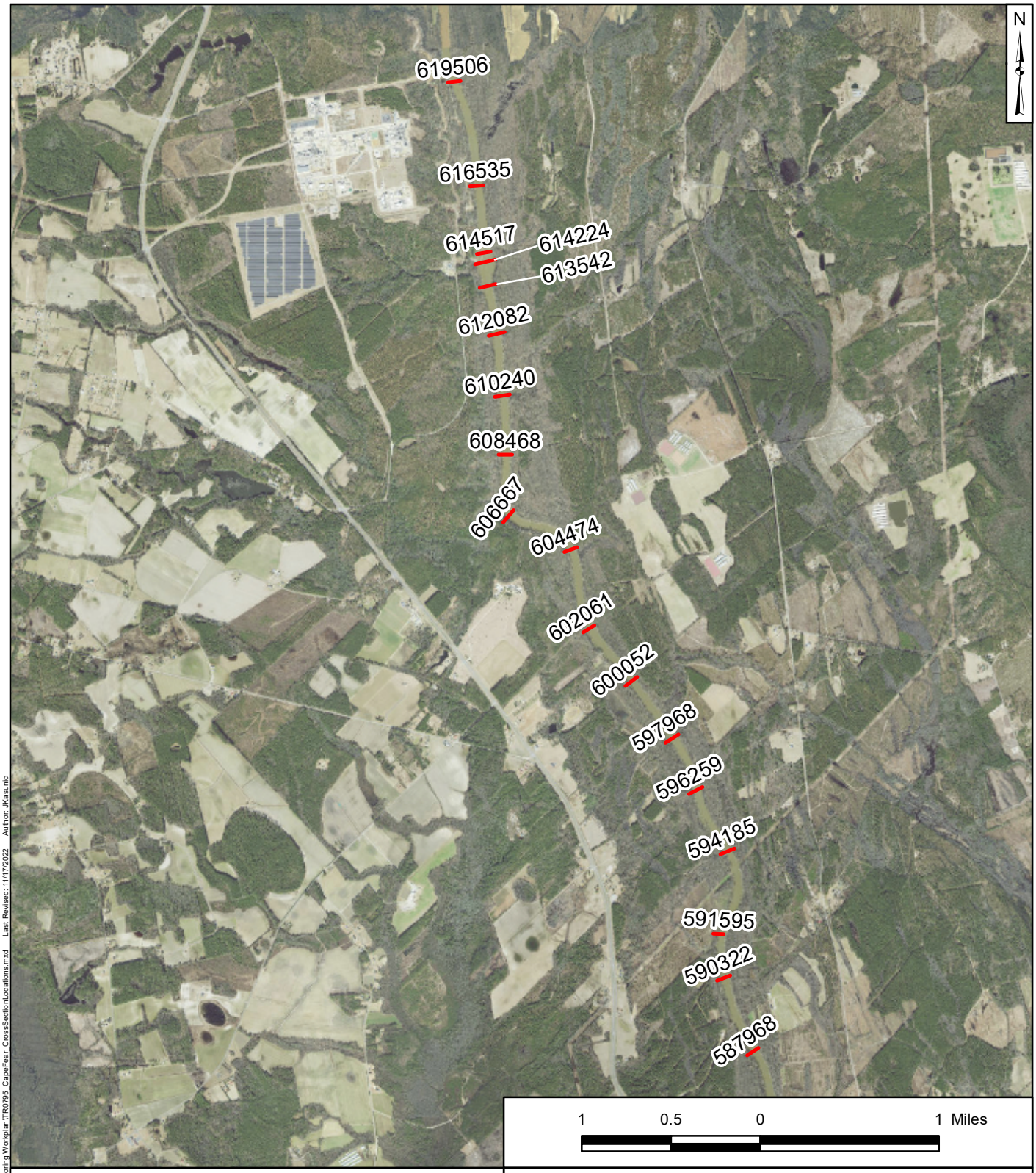
TABLE ATT2-5
CALCULATION OF HFPO-DA DEPOSITED MASS AND MASS FLUX
Chemours Fayetteville Works, North Carolina

Section[1]	Start Air Loading (ug/m^2)	End Air Loading (ug/m^2)	Start Deposition Rate $(ng/m^2/hr)^2$	End Deposition Rate $(ng/m^2/hr)^2$	Average Deposition Rate ($ng/m^2/hr$)	Section Distance[3] (m)	Average River Width (m)	Section Area (m^2)	River Velocity[4] (ft/s)	River Velocity (m/hr)	Travel Time (hrs)	Mass Deposited (mg)	Mass Discharge (mg/s)
Center	160	160	18.3	18.3	18.3	903	98.59	89,028	0.3	379.35	2.38	3.9	0.00045
Up River Section 1	160	80	18.3	9.1	13.7	490	98.59	48,300	0.3	379.35	1.29	0.9	0.00018
Up River Section 2	80	40	9.1	4.6	6.8	909	98.59	89,570	0.3	379.35	2.39	1.5	0.00017
Down River Section 1	160	80	18.3	9.1	13.7	586	98.59	57,813	0.3	379.35	1.55	1.2	0.00022
Down River Section 2	80	40	9.1	4.6	6.8	565	98.59	55,672	0.3	379.35	1.49	0.6	0.00011
												Total HFPO-DA:	**0.0011**
												Total Attachment C:	**0.005**
												Total Table 3+ (17 Compounds):	**0.006**

Notes:

1. River cross sections are shown in Figure ATT2-1.
2. Based on model deposition rate, Table ATT2-1.
3. Section distances are measured in GIS as shown on Figures ATT2-2 through ATT2-6.
4. River velocity is calculated as an average from USGS discharge data between May 11 to 13, 2023, Table ATT2-3.
5. Total Attachment C does not include Perfluoroheptanoic acid (PFHpA).
6. Total Table 3+ (17 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, and R-EVE.

µg/m^2/yr: micrograms per meter square per year
ft/s: feet per second
hr: hours
m/hr: meters per hour
m: meter
m^2: meter square
mg/s: milligrams per second
mg: milligrams
ng/m^2/hr: nanograms per meter square per hour



Legend

Cross Section

Notes:

1. Cape Fear River cross section locations obtained from "A Report of Flood Hazards in Bladen County, North Carolina and Incorporated Areas." (2007) Flood Insurance Study, Federal Emergency Management Agency. North Carolina Flood Risk Information System Engineering Model. Cape Fear RiverADJ. HEC-RAS 5.0.7.
2. Cross sections used for calculation of average river widths for calculation of aerial mass loading.
3. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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

Path: P:\PR\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_CapeFear_CrossSectionLocations.mxd Last Revised: 11/17/2022 Author: JKasunic

Cape Fear River Cross Sections Locations

Chemours Fayetteville Works, North Carolina

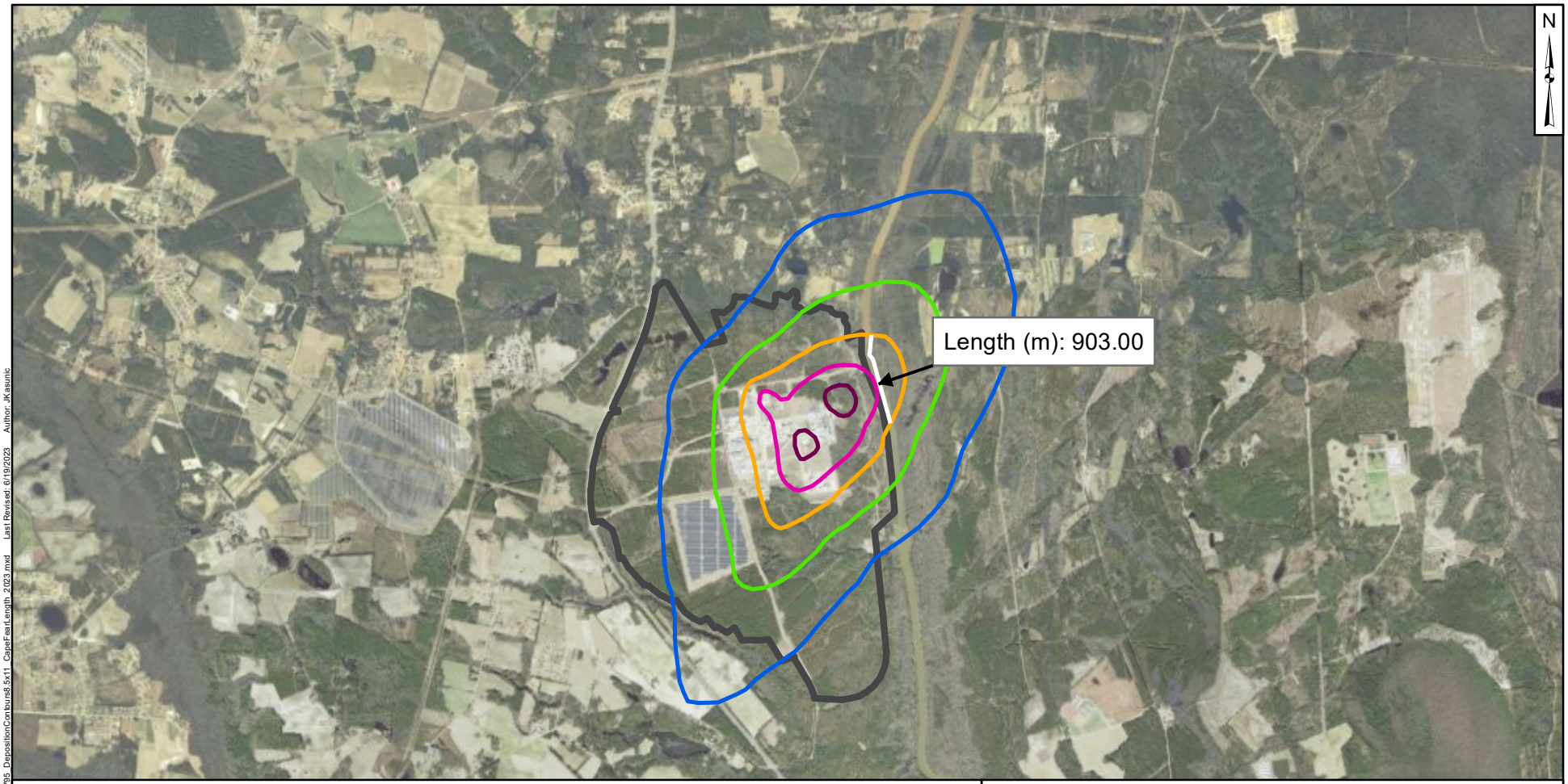
Geosyntec consultants

Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295

Raleigh | September 2023

Figure

ATT2-1



Legend

Site Boundary

Modeled Deposition Contours, October 2018 Scenario

- 40 µg/m^2/yr
- 80 µg/m^2/yr
- 160 µg/m^2/yr
- 320 µg/m^2/yr
- 640 µg/m^2/yr

Notes:
µg / m^2/ yr - micrograms per square meter per year

HFPO-DA deposition model contours for October 2018 from ERM, 2018, Modeling Report: HFPO-DA Atmospheric Deposition and Screening Groundwater Effects. 27 April 2018.

Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

1 0.5 0 1 Miles

Measurement of Cape Fear River Length at Center Section

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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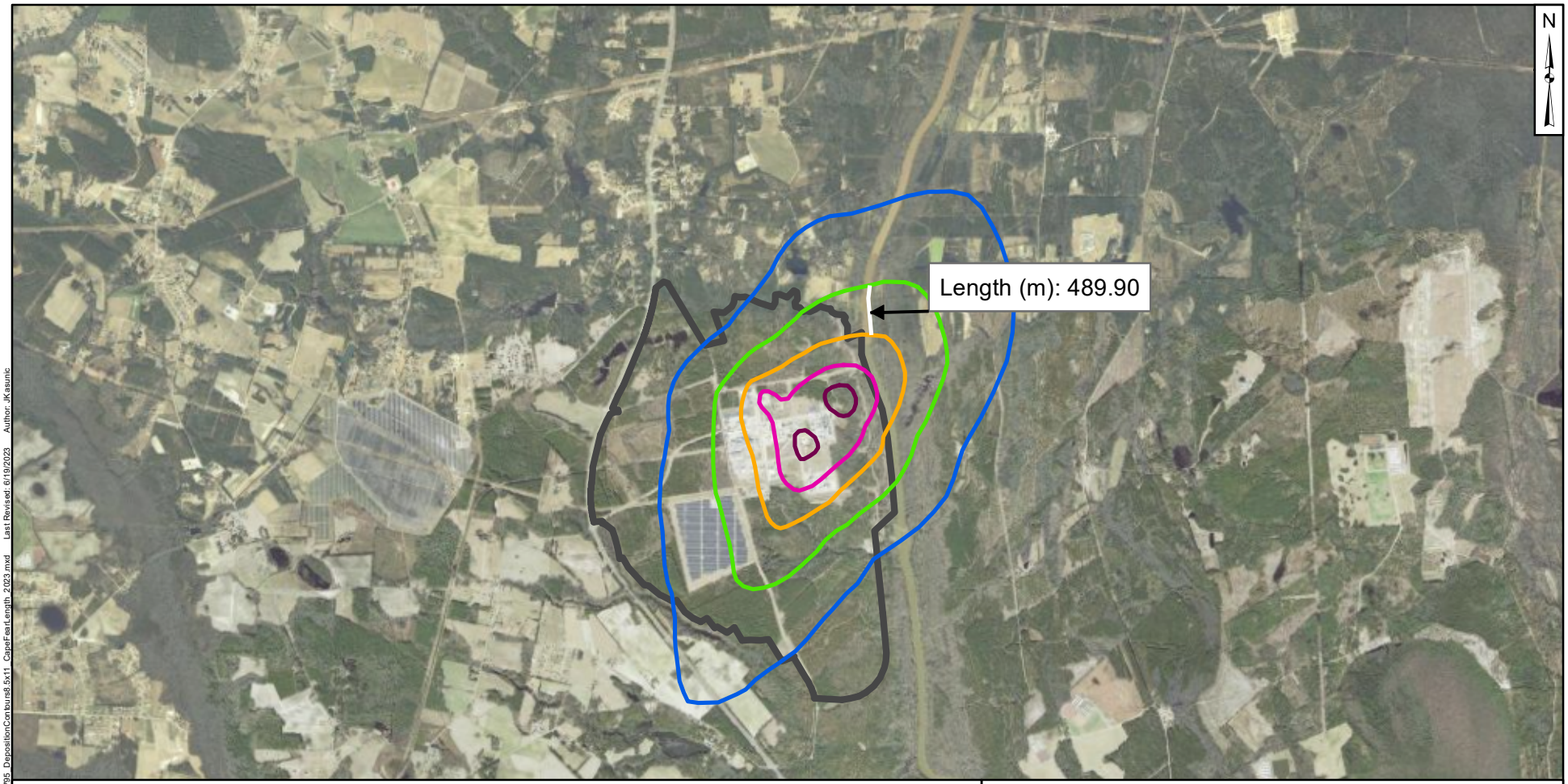
Figure
ATT2-2

Path: P:\PR\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_DepositionContours8.5x11_CapeFearLength_2023.mxd Last Revised: 6/19/2023 Author: JKasunic

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



Legend

Site Boundary

Modeled Deposition Contours, October 2018 Scenario

- 40 µg/m²/yr
- 80 µg/m²/yr
- 160 µg/m²/yr
- 320 µg/m²/yr
- 640 µg/m²/yr

Notes:
µg / m²/ yr - micrograms per square meter per year

HFPO-DA deposition model contours for October 2018 from ERM, 2018, Modeling Report: HFPO-DA Atmospheric Deposition and Screening Groundwater Effects. 27 April 2018.

Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

1 0.5 0 1 Miles

Measurement of Cape Fear River Length at Up-River Section 1

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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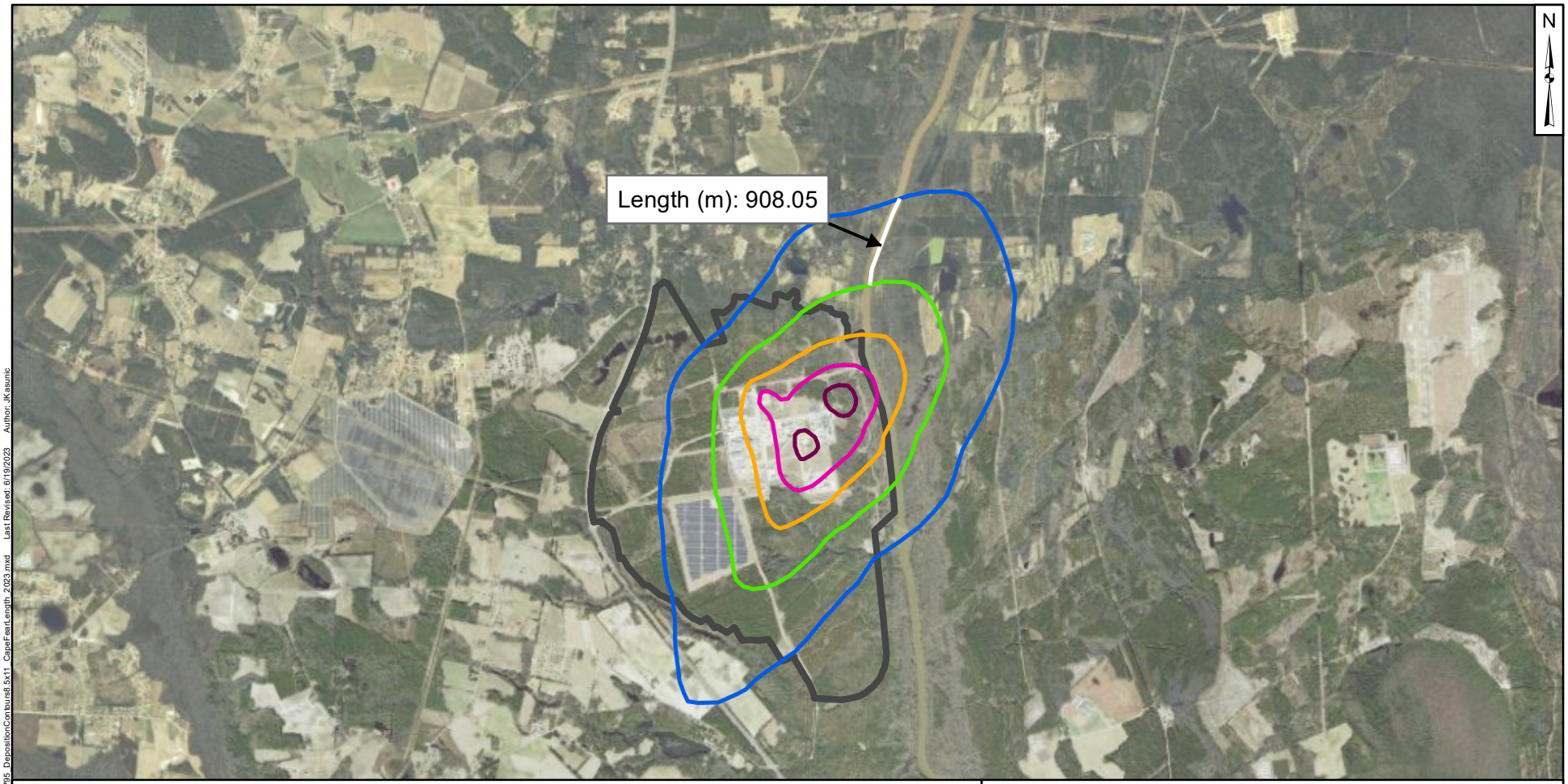
Figure
ATT2-3

Path: P:\PR\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_DepositionContours8.5x11_CapeFearLength_2023.mxd Last Revised: 6/19/2023 Author: JKasunic

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



Legend

Site Boundary

Modeled Deposition Contours, October 2018 Scenario

- 40 µg/m²/yr
- 80 µg/m²/yr
- 160 µg/m²/yr
- 320 µg/m²/yr
- 640 µg/m²/yr

Notes:
µg / m²/ yr - micrograms per square meter per year

HFPO-DA deposition model contours for October 2018 from ERM, 2018, Modeling Report: HFPO-DA Atmospheric Deposition and Screening Groundwater Effects. 27 April 2018.

Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

1 0.5 0 1 Miles

Measurement of Cape Fear River Length at Up-River Section 2

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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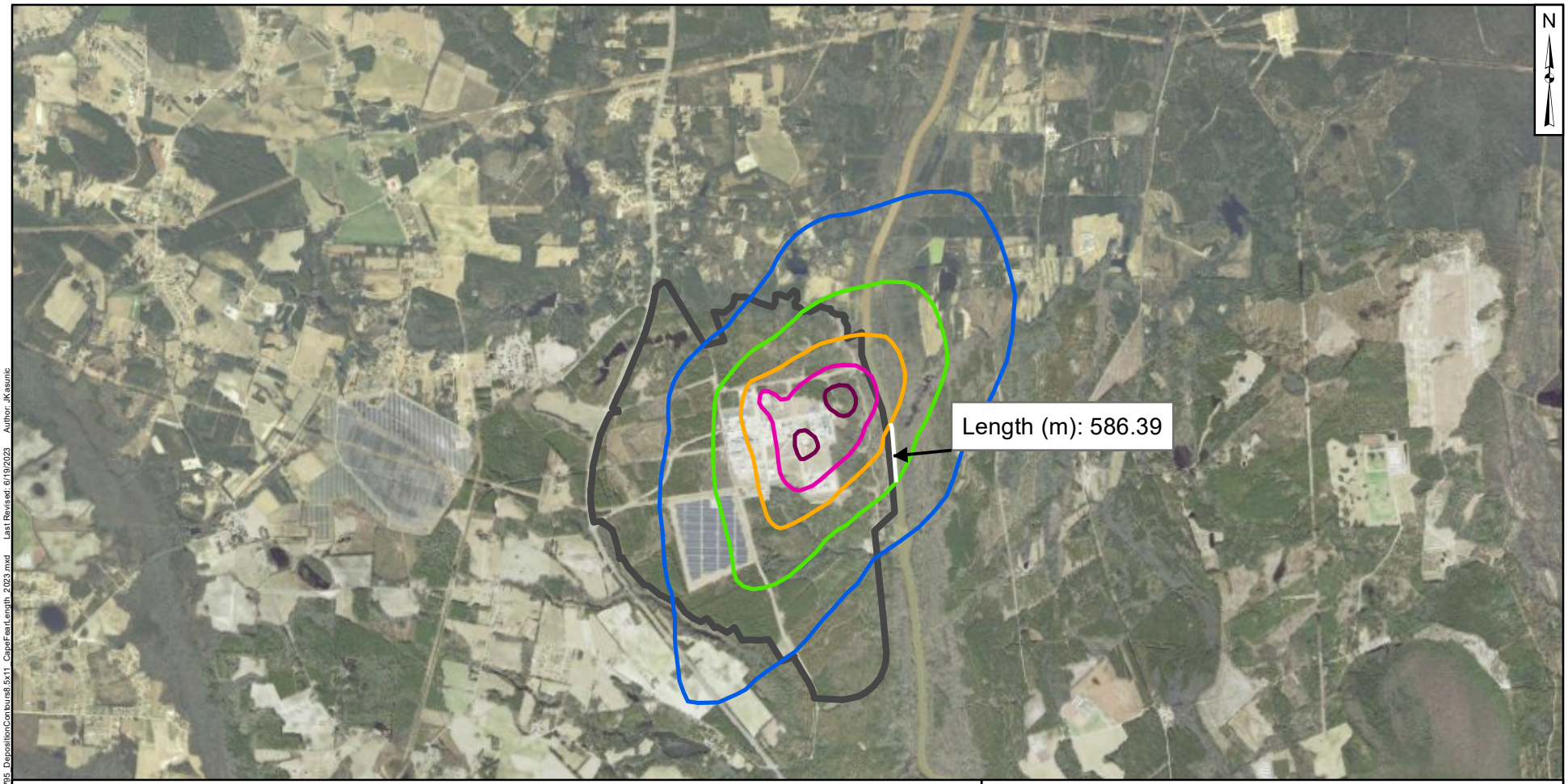
Figure
ATT2-4

Path: P:\PR\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_DepositionContours8.5x11_CapeFearLength_2023.mxd Last Revised: 6/19/2023 Author: JKasunic

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



Legend

Site Boundary

Modeled Deposition Contours, October 2018 Scenario

- 40 µg/m²/yr
- 80 µg/m²/yr
- 160 µg/m²/yr
- 320 µg/m²/yr
- 640 µg/m²/yr

Notes:
µg / m²/ yr - micrograms per square meter per year

HFPO-DA deposition model contours for October 2018 from ERM, 2018, Modeling Report: HFPO-DA Atmospheric Deposition and Screening Groundwater Effects. 27 April 2018.

Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

1 0.5 0 1 Miles

Measurement of Cape Fear River Length at Down-River Section 1

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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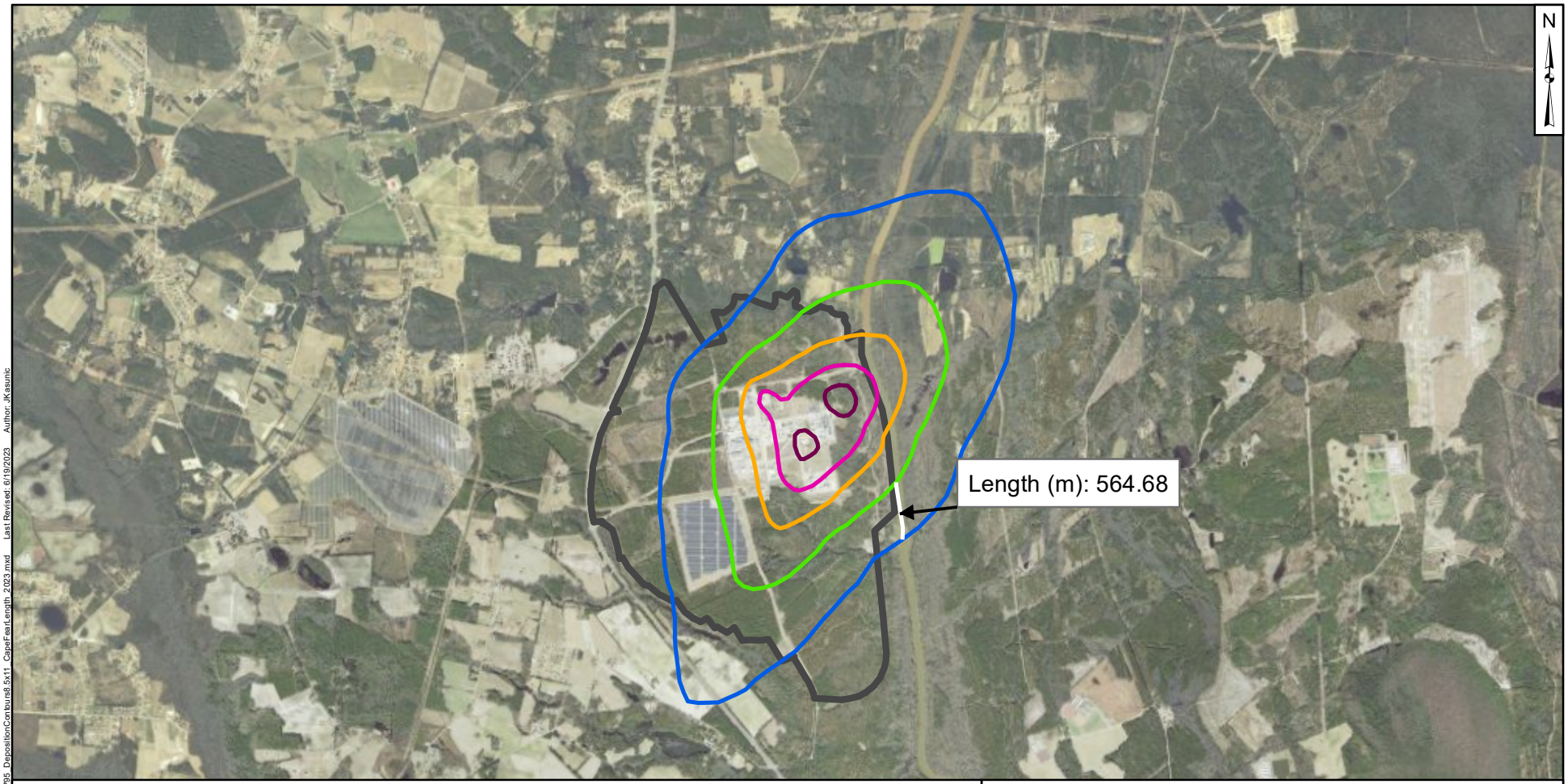
Figure
ATT2-5

Path: P:\PR\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_DepositionContours8.5x11_CapeFearLength_2023.mxd Last Revised: 6/19/2023 Author: JKasunic

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



Legend

Site Boundary

Modeled Deposition Contours, October 2018 Scenario

- 40 µg/m^2/yr
- 80 µg/m^2/yr
- 160 µg/m^2/yr
- 320 µg/m^2/yr
- 640 µg/m^2/yr

Notes:
µg / m^2/ yr - micrograms per square meter per year

HFPO-DA deposition model contours for October 2018 from ERM, 2018, Modeling Report: HFPO-DA Atmospheric Deposition and Screening Groundwater Effects. 27 April 2018.

Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

1 0.5 0 1 Miles

Measurement of Cape Fear River Length at Down-River Section 2

Chemours Fayetteville Works, North Carolina

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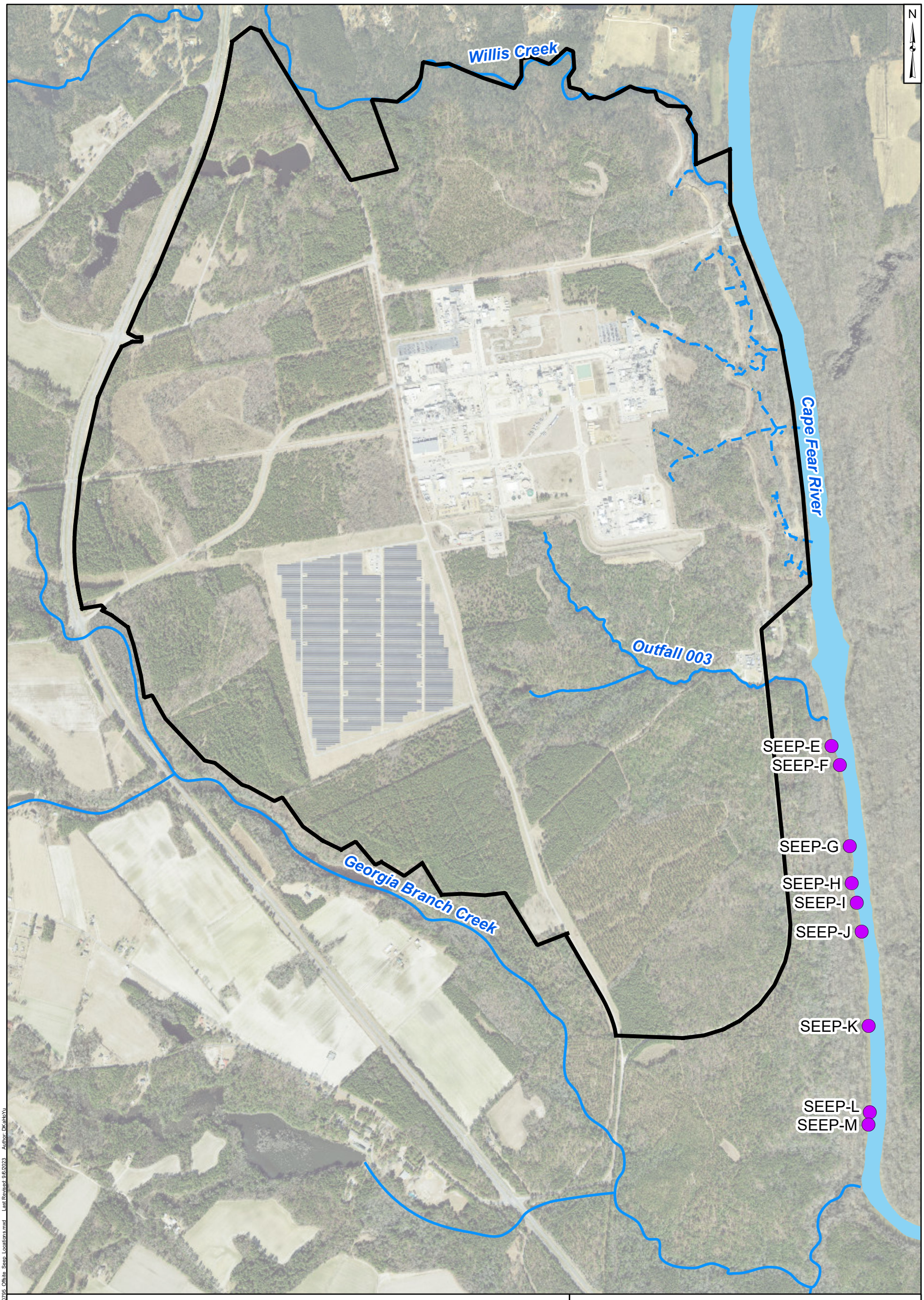
Figure
ATT2-6

Path: P:\PR\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_DepositionContours8.5x11_CapeFearLength_2023.mxd Last Revised: 6/19/2023 Author: JKasunic

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



Legend

- Observed Seep
- Nearby Tributary
- Site Boundary

Notes:
1. Seep E to M samples were collected where the seeps entered the Cape Fear River. Their locations on this figure have been slightly adjusted to facilitate interpretation so that they do not appear to be in the Cape Fear River.
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 (MajorHydro shapefile).
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

Southwestern Offsite Seeps Locations

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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Figure
ATT2-7

Path: P:\PR\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_Offsite_Seep_Locations.mxd Last Revised: 9/6/2023 Author: DKahkYu

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

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Attachment ATT3
Onsite Groundwater Pathway

Geosyntec consultants

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NC License No.: C-3500 and C-295

Introduction and Objective

Based on the conceptual site model, the Black Creek Aquifer and the Flood Plain deposits at the river bank are the primary hydrogeologic units that are potentially in hydraulic connection with the Cape Fear River. The Cape Fear River stage is lower than the top of the Black Creek Aquifer, except during peak rainfall or flooding, indicating that the Cape Fear River is a discharge boundary for the aquifer. Onsite groundwater from the Black Creek Aquifer discharging to the Cape Fear River is therefore a potential pathway for per- and polyfluoroalkyl substances (PFAS) mass loading to the Cape Fear River. This pathway was identified as Transport Pathway Number 5 in the PFAS mass loading in this report. The objective of the supporting calculations presented in this appendix is to estimate PFAS mass loading from onsite groundwater discharge based on calculated PFAS mass flux for segments of the Black Creek Aquifer along the river frontage.

Previous assessments derived hydraulic gradients from potentiometric maps. Starting this quarter, hydraulic gradients were estimated between well pairs downgradient of the remedy, since the prior method is considered not appropriate for these new conditions since barrier wall results in a discontinuous potentiometric surface. This change will continue to be incorporated in future mass loading assessments.

Approach

The PFAS mass loading from onsite groundwater discharge was estimated as follows. Supporting data are provided in Table ATT3-1:

1. The Cape Fear River frontage was divided into nine segments (Figure ATT3-1). Each segment includes one well pair, consisting of:
    a. One primary groundwater monitoring well that is considered representative of the Black Creek Aquifer and that is included in the Corrective Action Plan[1] (Geosyntec, 2019); and
    b. One secondary paired groundwater monitoring well that is generally west of the groundwater monitoring well, east of the Barrier Wall remedy, and also considered representative of the Black Creek Aquifer.
2. The thickness of the Black Creek Aquifer (h) was estimated for each segment based on the segment length and the cross-sectional area of the Black Creek Aquifer, as determined by the three-dimensional hydrostratigraphic model of the Site, constructed using CTech's Earth Volumetric Studio (EVS) software (Geosyntec, 2019):

[1] The Black Creek Aquifer is not observed in boreholes from Segment 4 suggesting a localized "pinch-out" of the Black Creek Aquifer in Segment 4. The monitoring well used to determine PFAS mass loading in this segment is screened in the Floodplain Deposits (LTW-03).

$$h = \frac{A}{l}$$

where,

h = the Black Creek Aquifer thickness [ft];

A = the cross-sectional area of the Black Creek Aquifer [ft^2]; and

l = the segment length [ft].

The EVS model output for each segment is presented in Figure ATT3-2.

3. The hydraulic gradient (i) for each segment was derived based on the groundwater elevations and distance between each well within the well pair (Figure ATT3-3):

$$i = \frac{-\Delta h}{d}$$

where,

i = the hydraulic gradient [ft/ft];

Δh = the head difference between the two wells [ft]; and

d = the distance between the two wells [ft]

Unlike past quarterly reports, only a single hydraulic gradient value was estimated for each segment (i.e., no lower and upper bound values). Based on the hydrographs from wells along the river presented in Figure ATT3-4, hydraulic gradients in the aquifer are relatively constant over time. With the exception of large changes in the river level (over 10 feet), the water levels at these wells do not appear to respond to small changes in river levels.

4. The hydraulic conductivity (K) was estimated for each segment using the results of constant rate tests performed at five extraction wells installed in the Black Creek Aquifer upstream of the river frontage during the Pre-Design Investigation (Geosyntec, 2021). The extraction wells used to determine the hydraulic conductivity for each segment are as follows, based on their locations relative to the segments (Figure ATT 3-1):

Extraction Well	Segment
PDI EW-1	1
	2
PDI EW-4	3
	4
PDI EW-5	5
	6
PDI EW-2	7
PDI EW-3	8
	9

5. The total PFAS concentration for each segment was determined based on grab samples collected from the primary groundwater monitoring wells. PFAS analytical results for these groundwater samples are presented in Table ATT1-15-1 and ATT1-15-2 in Attachment 1.

6. Mass flux for each segment, representing the PFAS mass loading to the river from groundwater, was determined as follows:

$$Q = lhKiCf$$

where,

Q = the mass flux [mg/sec];

l = the segment length [ft];

h = the Black Creek Aquifer thickness [ft];

K = the hydraulic conductivity of the aquifer [ft/sec];

i = the hydraulic gradient [ft/ft], using an upper and lower contour elevation difference;

C = the total PFAS concentration [ng/L]; and

f = the conversion factor between cubic feet and liters and between ng and mg.

The mass flux is interpreted as zero for segments where a negative hydraulic gradient was computed (i.e., groundwater flow is moving away from the river). Parameters listed above were used to estimate groundwater flow rates, shown in Table ATT3-2.

Potential Future Methodology Modifications

The groundwater flows in the Black Creek Aquifer have changed due to the implementation of the groundwater extraction system and the barrier wall construction remedy. Adjustments to this calculation methodology were made this quarter and may be required in future assessments based on changes in conditions or refinement of Site knowledge.

References

Geosyntec, 2019. Corrective Action Plan. Chemours Fayetteville Works. December 2019.

Geosyntec, 2021. Pre-Design Investigation Summary – Updated, Chemours Fayetteville Works. June 29, 2021.

TABLE ATT3-1
ONSITE GROUDWATER PATHWAY SUPPORTING DATA
Chemours Fayetteville Works, North Carolina

											Total Attachment C[5]		Total Table 3+ (17 Compounds)[6]		Total Table 3+ (20 Compounds)	
Segment	**Primary Well**	**Sample Date**	**Segment Length (ft)**	**Cross-sectional Area of Black Creek Aquifer[1] (ft^2)**	**Average Thickness of Black Creek Aquifer (ft)**	**Secondary Paired Well[2]**	**Difference in Hydraulic Head[3] (ft)**	**Difference in Distance (ft)**	**Hydraulic Gradient (ft/ft)**	**Hydraulic Conductivity[4] (ft/sec)**	**Concentration[7] (ng/L)**	**Mass Loading[8] (mg/s)**	**Concentration[7] (ng/L)**	**Mass Loading[8] (mg/s)**	**Concentration[7] (ng/L)**	**Mass Loading[8] (mg/s)**
1	PIW-1D	5/23/2023	1,150	13,400	11.7	OW-14	-1.01	305.47	0.0033	1.71E-04	47,000	0.0100	47,000	0.010	48,000	0.0103
2	PIW-3D	5/17/2023	873	11,010	12.6	OW-44	-0.70	351.79	0.0020	1.71E-04	46,000	0.0049	46,000	0.005	46,000	0.0049
3	LTW-02	5/17/2023	875	5,560	6.4	OW-45	-0.16	399.66	0.0004	1.02E-04	44,000	0.0003	44,000	0.0003	44,000	0.0003
4	LTW-03	5/23/2023	729	2,800	3.9	OW-46	-1.65	510.17	0.0032	1.02E-04	200,000	0.0053	200,000	0.005	200,000	0.0053
5	PZ-22	5/23/2023	656	15,200	23.2	OW-22	-0.20	370.47	0.0005	3.28E-04	220,000	0.0168	230,000	0.018	230,000	0.0176
6	PIW-7D	5/22/2023	524	16,000	30.5	OW-48	0.14	331.98	-0.0004	3.28E-04	190,000	0	190,000	0	190,000	0
7	LTW-05	5/22/2023	672	11,800	19.4	OW-25	-0.73	398.47	0.0018	1.28E-04	220,000	0.0191	220,000	0.019	220,000	0.0191
8	OW-28	5/25/2023	594	15,500	26.0	OW-27	-0.31	216.60	0.0014	2.59E-04	20,000	0.0032	20,000	0.003	20,000	0.0032
9	OW-33	5/18/2023	1607	46,300	28.8	OW-30	0.35	297.99	-0.0012	2.59E-04	26,000	0	26,000	0	26,000	0
										Total	**--**	**0.0596**	**--**	**0.0604**	**--**	**0.0606**

Notes
1 - Cross sectional areas were determined using the three-dimensional hydrostratigraphic model of the Site, constructed using CTech's Earth Volumetric Studio (EVS) software (Figure ATT3-2).
2 - Second 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 May 23, 2023 (Figure ATT3-3).
4 - Hydraulic conductivity values are based on constant rate pumping test results from extraction wells described in Attachment ATT3.
5 - Attachment C does not include Perfluoroheptanoic acid (PFHpA).
6 - Total Table 3+ (17 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
7 - Detailed PFAS Concentrations provided in Table A9.
8 - A value of zero represents a negative mass loading value (i.e., computed negative gradient).
-- not applicable
ft - feet
ft/sec - feet per second
ft^2 - square feet
mg/s - milligrams per second
ng/L - nanograms per liter

TABLE ATT3-2
MAY 2023 ONSITE GROUNDWATER FLOW RATE
Chemours Fayetteville Works, North Carolina

Segment	Cross-sectional Area of Black Creek Aquifer[1] (ft^2)	Hydraulic Gradient[1,2] (ft/ft)	Hydraulic Conductivity (ft/sec)[1]	Flow Upper Bound (ft^3/sec)	Flow Upper Bound (gal /day)
1	13,400	0.0033	1.71E-04	7.55E-03	4,878
2	11,010	0.0020	1.71E-04	3.74E-03	2,416
3	5,560	0.0004	1.02E-04	2.26E-04	146
4	2,800	0.0032	1.02E-04	9.31E-04	602
5	15,200	0.0005	3.28E-04	2.70E-03	1,745
6	16,000	-0.0004	3.28E-04	0	0
7	11,800	0.0018	1.28E-04	2.76E-03	1,783
8	15,500	0.0014	2.59E-04	5.73E-03	3,706
9	46,300	-0.0012	2.59E-04	0	0
				0.024	**15,275**

Notes

1 - Supporting data for cross-sectional area, hydraulic gradient, and hydraulic conductivity provided in Table ATT3-1.

2 - Hydraulic gradient based on water levels measured on May 23, 2023 (Figure ATT3-3).

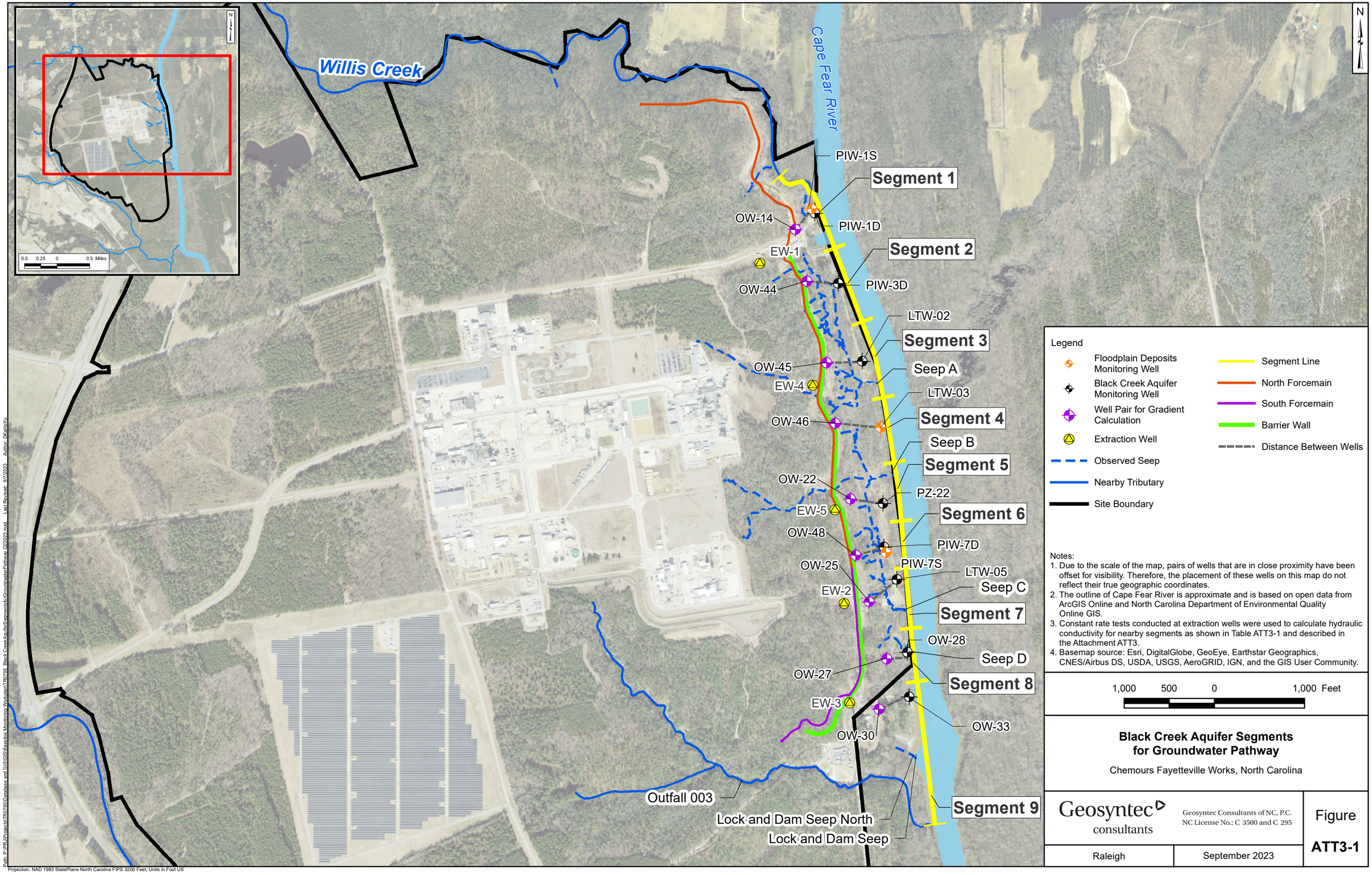
ft - feet

ft^2 - square feet

ft/sec - feet per second

ft^3/sec - cubic feet per second

gal/day - gallons per day



Notes:
1. 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.
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. Constant rate tests conducted at extraction wells were used to calculate hydraulic conductivity for nearby segments as shown in Table ATT3-1 and described in the Attachment ATT3.
4. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

Black Creek Aquifer Segments for Groundwater Pathway

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295

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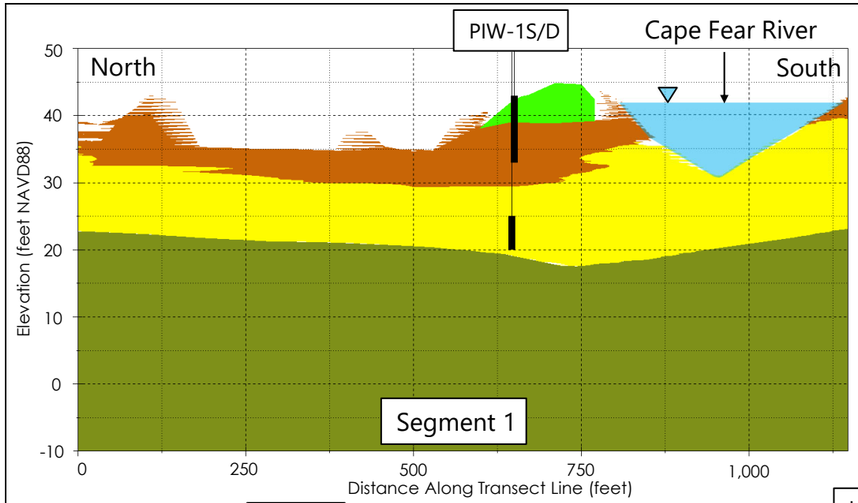
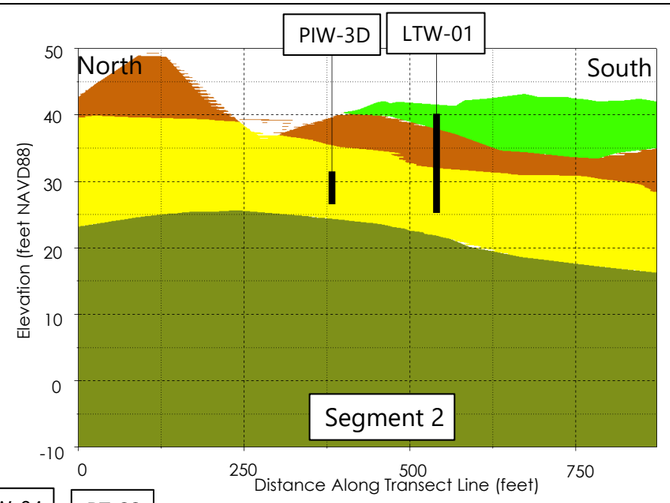
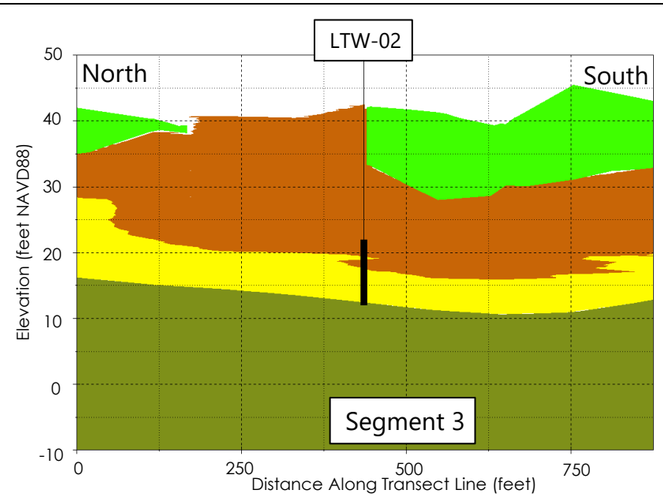
Figure **ATT3-1**

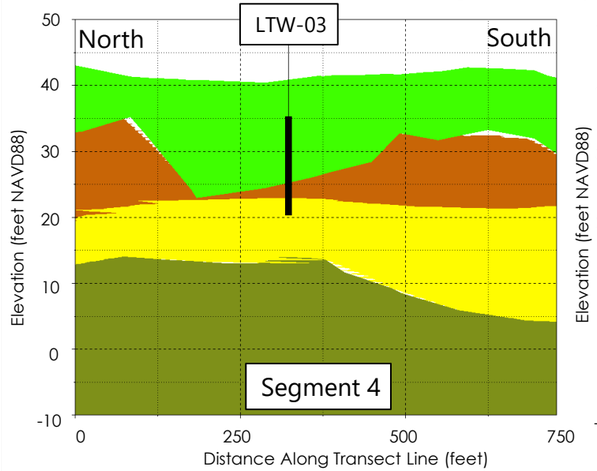
Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_Black Creek Aquifer Segments for Groundwater Pathway_022023.mxd Last Revised: 9/7/2023 Author: DKeHoYu

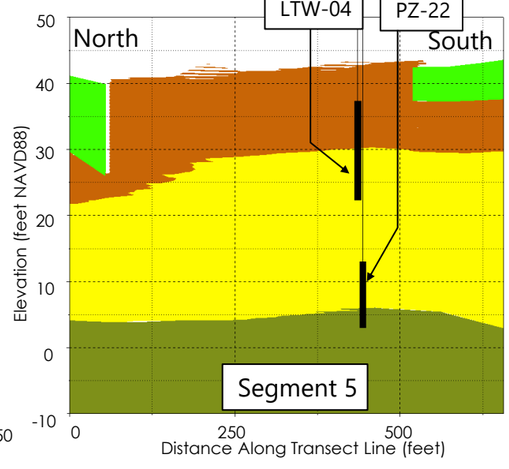
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

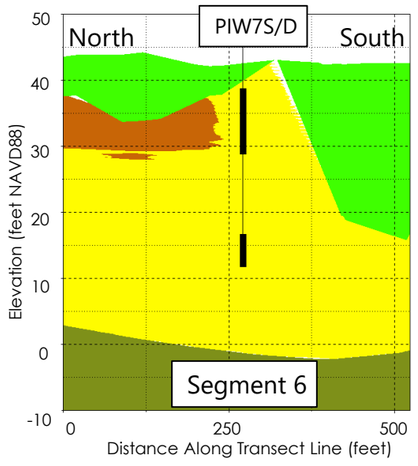


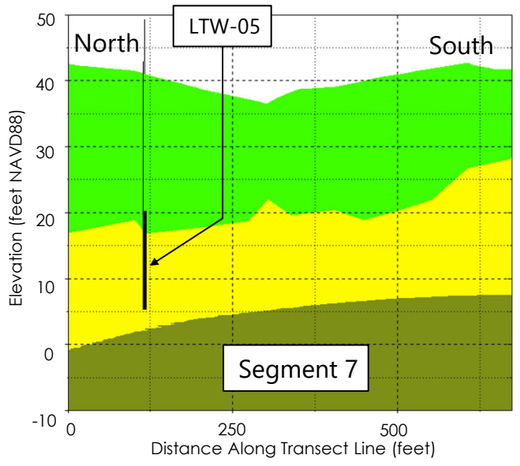


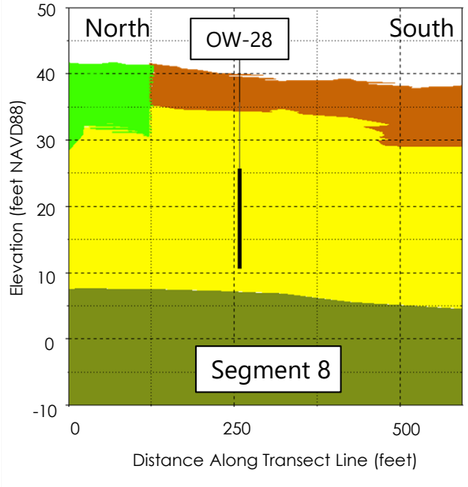


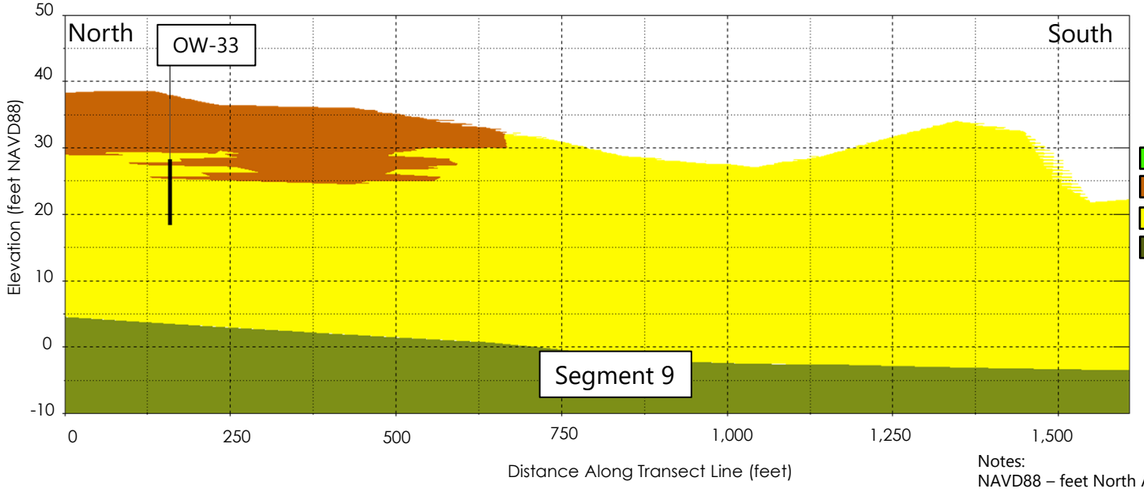










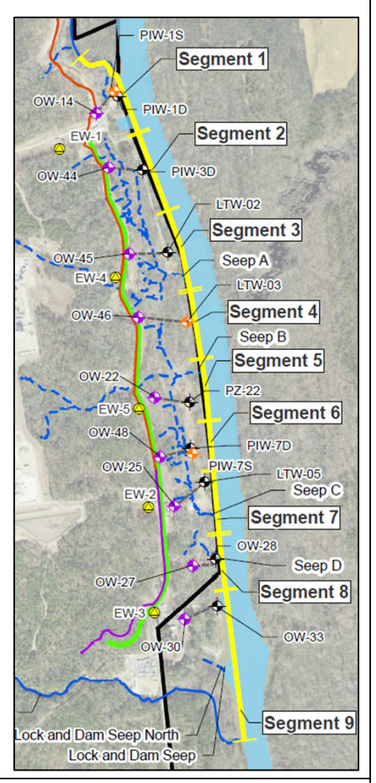


Legend

Well screen(1)

Units

- Floodplain Deposits
- Black Creek Confining Unit
- Black Creek Aquifer
- Upper Cape Fear Confining Unit



Notes:
NAVD88 – feet North America Datum of 1988
Vertical Exaggeration = 10x
1. Wells are projected onto the cross-section.

Cross-Sections Along Cape Fear River Transect Line
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
NC License No.: C-3500 and C-295

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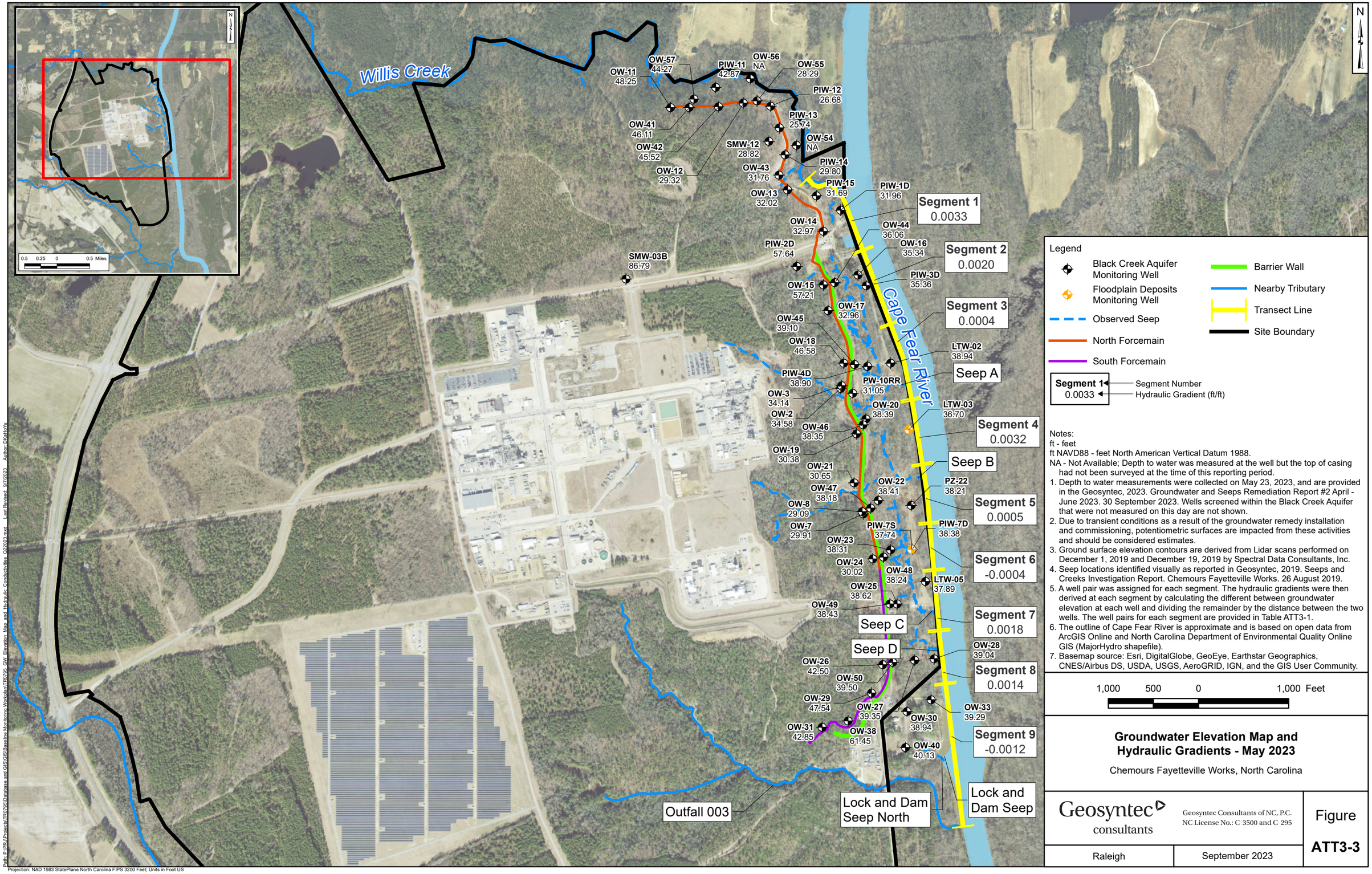
Figure
ATT3-2



Legend

- Black Creek Aquifer Monitoring Well
- Floodplain Deposits Monitoring Well
- Observed Seep
- North Forcemain
- South Forcemain
- Barrier Wall
- Nearby Tributary
- Transect Line
- Site Boundary

Segment 1 / 0.0033 — Segment Number / Hydraulic Gradient (ft/ft)

Notes:
ft - feet
ft NAVD88 - feet North American Vertical Datum 1988.
NA - Not Available; Depth to water was measured at the well but the top of casing had not been surveyed at the time of this reporting period.

1. Depth to water measurements were collected on May 23, 2023, and are provided in the Geosyntec, 2023. Groundwater and Seeps Remediation Report #2 April - June 2023. 30 September 2023. Wells screened within the Black Creek Aquifer that were not measured on this day are not shown.
2. Due to transient conditions as a result of the groundwater remedy installation and commissioning, potentiometric surfaces are impacted from these activities and should be considered estimates.
3. Ground surface elevation contours are derived from Lidar scans performed on December 1, 2019 and December 19, 2019 by Spectral Data Consultants, Inc.
4. Seep locations identified visually as reported in Geosyntec, 2019. Seeps and Creeks Investigation Report. Chemours Fayetteville Works. 26 August 2019.
5. A well pair was assigned for each segment. The hydraulic gradients were then derived at each segment by calculating the different between groundwater elevation at each well and dividing the remainder by the distance between the two wells. The well pairs for each segment are provided in Table ATT3-1.
6. 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).
7. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

Groundwater Elevation Map and Hydraulic Gradients - May 2023

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295

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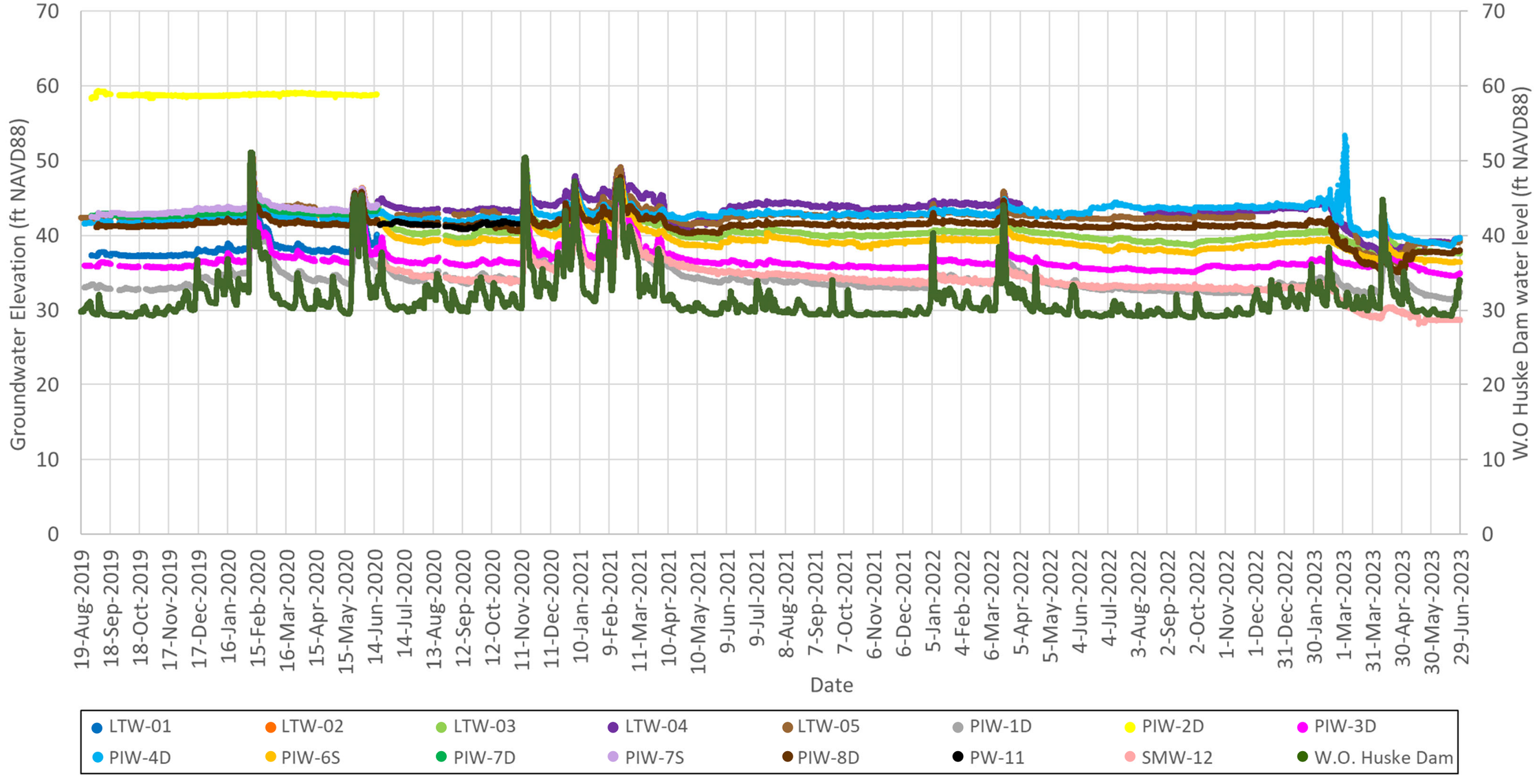
Figure ATT3-3

Path: P:\PR\Projects\TR07950\Database and GIS\GIS\Baseline Monitoring Workplan\TR07950_GW_Elevation_Map_and_Hydraulic_Conductivities_Q22023.mxd Last Revised: 9/7/2023 Author: DKeHoYu

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



Notes:
ft - feet
NAVD88 - North American Vertical Datum of 1988 NAVD88 - North American Vertical Datum of 1988

Hydrograph for Select Onsite Groundwater Monitoring Wells and W.O Huske Dam
Chemours Fayetteville Works, North Carolina

Geosyntec consultants
Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295

Raleigh | September 2023

Figure **ATT3-4**

Appendix B

Supplemental Tables

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2020	Q1 2020	Q1 2020	Q1 2020	Q1 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-83-033120	CFR-TARHEEL-83-033120-D	CAP1Q20-CFR-TARHEEL-040220	CFR-TARHEEL-48-040220	CAP1Q20-CFR-TARHEEL-24-040320
Sample Date	03/31/20	03/31/20	04/02/20	04/02/20	04/03/20
Sample Type	Composite	Composite	Grab	Composite	Composite
Sample Start Date and Time	03/28/20 1:00 AM	03/28/20 1:00 AM	-	03/31/20 1:00 PM	04/02/20 3:00 PM
Sample Stop Date and Time	03/31/20 12:00 PM	03/31/20 12:00 PM	-	04/02/20 1:00 PM	04/03/20 3:00 PM
Composite Duration (hours)	83	83	-	48	24
QA/QC		Field Duplicate			
Sample Matrix	Liquid	Liquid	Liquid	Liquid	LIQUID
Sample Delivery Group (SDG)	320-60098-1	320-60098-1	320-60029-1	320-60098-1	320-60032-1
Lab Sample ID	320-60098-1	320-60098-2	320-60029-3	320-60098-3	320-60032-2
Table 3+ SOP (ng/L)					
HFPO-DA	<15	**6.3**	**11**	**10**	**18**
PFMOAA	**26**	**29**	**35**	**42**	**47**
PFO2HxA	**9.3**	**8.9**	**15**	**14**	**21**
PFO3OA	**2.1**	<2	**3.9**	**3.3**	**4.8**
PFO4DA	<2	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2	<2
PMPA	**15**	**12**	**24**	**17**	**31**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2	<2
R-PSDA	<2	<2	**8.5**	**7.9**	**14 J**
Hydrolyzed PSDA	**8.2 J**	**8.4 J**	**26**	**14 J**	**17 B**
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	<2	<2	**2.3**	<2	<2
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	**2.1 J**	<2	**6.6**	<2	**2.8 J**
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	**16 J**	**13 J**	**12**	**12**	**11**
Total Attachment C[1,2]	**52**	**56**	**89**	**86**	**120**
Total Table 3+ (17 compounds)[2,3]	**52**	**56**	**91**	**86**	**120**
Total Table 3+ (20 compounds)[2]	**63**	**65**	**130**	**110**	**160**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2020	Q1 2020	Q1 2020	Q1 2020	Q1 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-83-040620	CFR-TARHEEL-79-040920	CFR-TARHEEL-83-041920	CFR-TARHEEL-83-042220	CFR-TARHEEL-83-042620
Sample Date	04/06/20	04/09/20	04/19/20	04/22/20	04/26/20
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	04/02/20 1:30 PM	04/05/20 11:32 PM	04/15/20 2:30 PM	04/19/20 2:30 AM	04/22/20 1:49 PM
Sample Stop Date and Time	04/06/20 12:30 AM	04/09/20 6:30 AM	04/19/20 1:30 AM	04/22/20 1:30 PM	04/26/20 12:49 AM
Composite Duration (hours)	83	79	83	83	83
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-60098-1	320-60195-1	320-60435-1	320-60435-1	320-60619-1
Lab Sample ID	320-60098-4	320-60195-1	320-60435-1	320-60435-2	320-60619-1
Table 3+ SOP (ng/L)					
HFPO-DA	**17**	**20**	**5.5**	**12**	**11**
PFMOAA	**56**	**94**	**28**	**51**	**53**
PFO2HxA	**22**	**33**	**11**	**19**	**19**
PFO3OA	**5.5**	**8.1**	**2.6**	**5.1**	**4.8**
PFO4DA	<2	**2.8**	<2	<2	<2
PFO5DA	<2	**4.9**	**6.9**	**5.5**	<2
PMPA	**24**	**31**	**17**	**25**	**21**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2	<2
R-PSDA	**11**	**13**	<2	<2	**7.5**
Hydrolyzed PSDA	**20 J**	**31**	**9.6**	**17**	**23**
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	**2.1**	**5**	<2	<2	**2.8**
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	<2	**3.4**	<2	<2	<2
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	**8.5**	--	--	--	--
Total Attachment C[1,2]	**120**	**190**	**71**	**120**	**110**
Total Table 3+ (17 compounds)[2,3]	**130**	**200**	**71**	**120**	**110**
Total Table 3+ (20 compounds)[2]	**160**	**250**	**81**	**130**	**140**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2020	Q1 2020	Q1 2020	Q2 2020	Q2 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-83-042920	CFR-TARHEEL-62-050220	CFR-TARHEEL-83-050620	CFR-TARHEEL-83-051120	CFR-TARHEEL-83-051320
Sample Date	04/29/20	05/02/20	05/06/20	05/11/20	05/13/20
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	04/26/20 12:49 AM	04/30/20 9:49 AM	05/03/20 12:49 AM	05/06/20 12:49 PM	05/09/20 11:49 PM
Sample Stop Date and Time	04/29/20 11:49 AM	05/02/20 11:49 PM	05/06/20 11:49 AM	05/09/20 11:49 PM	05/13/20 9:49 AM
Composite Duration (hours)	83	62	83	83	83
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-60619-1	320-60763-1	320-60763-1	320-60789-1	410-2522-1
Lab Sample ID	320-60619-2	320-60763-1	320-60763-2	320-60789-1	410-2522-1
Table 3+ SOP (ng/L)					
HFPO-DA	13	12	6.2	9.4	13 J
PFMOAA	59	27	18	34	69
PFO2HxA	24	16	9.8	14	27
PFO3OA	5.8	3.5	2.1	3.8	6.7
PFO4DA	<2	<2	<2	<2	2 J
PFO5DA	<2	<2	<2	<2	<2
PMPA	23	24	15	18	22
PEPA	<20	<20	<20	<20	<20
PS Acid	<2	<2	<2	<2	<2 UJ
Hydro-PS Acid	<2	<2	<2	<2	<2 UJ
R-PSDA	13	20	11	13	12 J
Hydrolyzed PSDA	27	18	12	15	34 J
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	3.9	3.3	<2	2.3	2.9
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	2.4	6	<2	2.7	5.2 J
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	--	--	--	--	--
Total Attachment C[1,2]	120	83	51	79	140
Total Table 3+ (17 compounds)[2,3]	130	86	51	82	140
Total Table 3+ (20 compounds)[2]	170	130	74	110	190

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2020	Q2 2020	Q2 2020	Q2 2020	Q2 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CAP2Q20-CFR-TARHEEL-051420	CAP2Q20-TARHEEL-24-051420	CFR-TARHEEL-83-051620	CFR-TARHEEL-83-052020	CFR-TARHEEL-052520
Sample Date	05/14/20	05/14/20	05/16/20	05/20/20	05/25/20
Sample Type	Grab	Composite	Composite	Composite	Grab
Sample Start Date and Time	-	05/13/20 9:50 PM	05/13/20 9:49 AM	05/16/20 9:49 PM	-
Sample Stop Date and Time	-	05/14/20 8:50 PM	05/16/20 7:49 PM	05/20/20 8:49 AM	-
Composite Duration (hours)	-	24	83	83	-
QA/QC					
Sample Matrix	Liquid	LIQUID	Liquid	Liquid	LIQUID
Sample Delivery Group (SDG)	320-60921-1	410-2521-1	410-2522-1	410-2522-1	320-61296-1
Lab Sample ID	320-60921-3	410-2521-4	410-2522-2	410-2522-3	320-61296-2
Table 3+ SOP (ng/L)					
HFPO-DA	24	23	19 J	25	2
PFMOAA	75	88	94	120	<5
PFO2HxA	34	33	37	45	2.2
PFO3OA	8.9	8.6	8.2	10	<2
PFO4DA	2.4	2.5 J	2.5 J	3	<2
PFO5DA	<2	<2	<2	<2	<2
PMPA	49	28	27	32	<10
PEPA	<20	<20	<20	20	<20
PS Acid	<2	<2 UJ	<2 UJ	2.2 J	<2
Hydro-PS Acid	<2	<2 UJ	<2 UJ	<2 UJ	<2
R-PSDA	33	16 J	15 J	15 J	<2
Hydrolyzed PSDA	30	46 J	47 J	54 J	3.4
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	4.6	4.8	4.4	3.8	<2
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	5.6	4.9 J	6.3 J	8.1 J	2
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	9.8	6.7	--	--	--
Total Attachment C[1,2]	190	180	190	260	4.2
Total Table 3+ (17 compounds)[2,3]	200	190	190	260	4.2
Total Table 3+ (20 compounds)[2]	270	250	260	340	9.6

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2020	Q2 2020	Q2 2020	Q2 2020	Q2 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-052920	CFR-TARHEEL-060120	CFR-TARHEEL-060120-D	CFR-TARHEEL-060520	CFR-TARHEEL-39-060820
Sample Date	05/29/20	06/01/20	06/01/20	06/05/20	06/08/20
Sample Type	Grab	Grab	Grab	Grab	Composite
Sample Start Date and Time	-	-	-	-	06/05/20 11:06 AM
Sample Stop Date and Time	-	-	-	-	06/08/20 9:06 PM
Composite Duration (hours)	-	-	-	-	39
QA/QC			Field Duplicate		
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID	Liquid
Sample Delivery Group (SDG)	320-61296-1	320-61452-1	320-61452-1	320-61570-1	320-61852-1
Lab Sample ID	320-61296-1	320-61452-1	320-61452-2	320-61570-1	320-61852-1
Table 3+ SOP (ng/L)					
HFPO-DA	**4.5**	<2	**2**	**4.6**	**6.5**
PFMOAA	<5	**6.1**	**5.3**	**9**	**9.8**
PFO2HxA	**6.5**	**3.1**	**3.2**	**6.5**	**8.3**
PFO3OA	<2	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2	<2
PMPA	<10	<13	<13	**27**	**17**
PEPA	<20	<2	<2	<2	<2
PS Acid	<2	<2	<2	<2	**3.4**
Hydro-PS Acid	<2	<2	<2	<2	<2
R-PSDA	<2	**2.6**	<2	<2	**5.9**
Hydrolyzed PSDA	<2	**2.9**	**2.6**	**5.5**	**7.2**
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	<2	<2	<2	<2	<2
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	<2	<2	<2	<2	<2
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	--	--	--	--	--
Total Attachment C[1,2]	**11**	**9.2**	**11**	**47**	**45**
Total Table 3+ (17 compounds)[2,3]	**11**	**9.2**	**11**	**47**	**45**
Total Table 3+ (20 compounds)[2]	**11**	**15**	**13**	**53**	**58**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2020	Q2 2020	Q2 2020	Q2 2020	Q2 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-83-061220	CFR-TARHEEL-83-061520	CFR-TARHEEL-83-061920	CFR-TARHEEL-83-062220	CFR-TARHEEL-83-062620
Sample Date	06/12/20	06/15/20	06/19/20	06/22/20	06/26/20
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	06/08/20 10:06 PM	06/12/20 9:06 AM	06/15/20 8:06 PM	06/19/20 7:06 AM	06/22/20 6:06 PM
Sample Stop Date and Time	06/12/20 8:06 AM	06/15/20 7:06 PM	06/19/20 6:06 AM	06/22/20 5:06 PM	06/26/20 4:06 AM
Composite Duration (hours)	83	83	83	83	83
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-61852-1	320-62010-1	320-62010-1	320-62127-1	320-62407-1
Lab Sample ID	320-61852-2	320-62010-1	320-62010-2	320-62127-1	320-62407-1
Table 3+ SOP (ng/L)					
HFPO-DA	10	15	16	5.8	9.9
PFMOAA	17 J	14	11	4.9	30
PFO2HxA	13	13	18	8	13
PFO3OA	3.4	3	3.8	<2	2.8
PFO4DA	<2	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2	<2
PMPA	25	27	36	21	20
PEPA	3.2	3.2	5.4	<2	3.2
PS Acid	<2	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2	<2
R-PSDA	8.5 J	4.7	5.1	5.6	11
Hydrolyzed PSDA	9.1 J	8	7.2	4.1	12
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	<2	<2	<2	<2	<2
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	3.8 J	<2	<2	<2	3.5
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	--	--	--	--	--
Total Attachment C[1,2]	72	75	90	40	79
Total Table 3+ (17 compounds)[2,3]	72	75	90	40	79
Total Table 3+ (20 compounds)[2]	93	88	100	49	110

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2020	Q3 2020	Q3 2020	Q3 2020	Q3 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-83-062920	CFR-TARHEEL-65-070220	CFR-TARHEEL-24-070320	CFR-TARHEEL-24-070720	CFR-TARHEEL-24-071020
Sample Date	06/29/20	07/02/20	07/03/20	07/07/20	07/10/20
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	06/26/20 5:06 AM	06/29/20 4:06 PM	07/02/20 8:29 AM	07/06/20 8:29 AM	07/09/20 12:01 PM
Sample Stop Date and Time	06/29/20 3:06 PM	07/02/20 8:06 AM	07/03/20 7:29 AM	07/07/20 7:29 AM	07/10/20 11:01 AM
Composite Duration (hours)	83	65	24	24	24
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-62407-1	320-62407-1	320-62486-1	320-62486-1	320-62645-1
Lab Sample ID	320-62407-2	320-62407-3	320-62486-2	320-62486-1	320-62645-1
Table 3+ SOP (ng/L)					
HFPO-DA	**15**	**19**	**19**	**19**	**15**
PFMOAA	**49**	<2	**60**	**97**	**77**
PFO2HxA	**18**	**25**	**26**	**31**	**25**
PFO3OA	**4**	**5.5**	**5.6**	**6.7**	**5.2**
PFO4DA	<2	**2.5 J**	**2**	**3**	<2
PFO5DA	<2	<2	<2	<2	<2
PMPA	**26**	**27**	**39**	**30**	**26**
PEPA	**4.5**	**5.2**	<10	<10	<10
PS Acid	<2	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2	<2
R-PSDA	**15**	**4.2**	**22**	**23**	**12**
Hydrolyzed PSDA	**17**	**12**	**28**	**34**	**32**
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	**2.5**	**3.1**	**3.3**	**4.5**	**3.4**
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	**4.9**	<2	**6.1**	**5.9**	**4.3**
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	--	--	--	--	--
Total Attachment C[1,2]	**120**	**84**	**150**	**190**	**150**
Total Table 3+ (17 compounds)[2,3]	**120**	**87**	**150**	**190**	**150**
Total Table 3+ (20 compounds)[2]	**160**	**100**	**210**	**250**	**200**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2020	Q3 2020	Q3 2020	Q3 2020	Q3 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-071020-D	CFR-TARHEEL-24-071320	CFR-TARHEEL-24-071620	CFR-TARHEEL-24-072020	CFR-TARHEEL-24-072320
Sample Date	07/10/20	07/13/20	07/16/20	07/20/20	07/23/20
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	07/09/20 12:01 PM	07/13/20 12:01 AM	07/16/20 12:01 AM	07/20/20 12:01 AM	07/23/20 12:01 AM
Sample Stop Date and Time	07/10/20 11:01 AM	07/13/20 11:01 PM	07/16/20 11:01 PM	07/20/20 11:01 PM	07/23/20 11:01 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC	Field Duplicate				
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-62645-1	320-62689-1	320-62879-1	320-63057-1	320-63287-1
Lab Sample ID	320-62645-2	320-62689-1	320-62879-1	320-63057-1	320-63287-1
Table 3+ SOP (ng/L)					
HFPO-DA	**15**	**16**	**20**	**26**	**20**
PFMOAA	**78**	**60**	**76**	**100**	**67**
PFO2HxA	**28**	**28**	**31**	**29**	**29**
PFO3OA	**5.9**	**6.9**	**6.5**	**9.4**	**6.6**
PFO4DA	<2	**2.8**	**2.4**	**4.8**	**2.6**
PFO5DA	<2	<2	<2	**2.7**	**2**
PMPA	**27**	**27**	**29**	<20	**24**
PEPA	<10	<10	<10	<10	<10
PS Acid	<2	**2.3**	<2	**2.7**	<2
Hydro-PS Acid	<2	<2	<2	<2	<2
R-PSDA	**12**	**22**	**13**	<2	**17**
Hydrolyzed PSDA	**34**	**32**	**24**	<2	**29**
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	**3**	**3.3**	**3.5**	**3.4**	**4.4**
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	**5.8**	**6**	**3.9**	<2	<2
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	--	--	--	--	--
Total Attachment C[1,2]	**150**	**140**	**160**	**170**	**150**
Total Table 3+ (17 compounds)[2,3]	**160**	**150**	**170**	**180**	**160**
Total Table 3+ (20 compounds)[2]	**210**	**210**	**210**	**180**	**200**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2020	Q3 2020	Q3 2020	Q3 2020	Q3 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-12-072720	CAP3Q20-CFR-TARHEEL-072820	CAP3Q20-CFR-TARHEEL-24-072920	CFR-TARHEEL-24-073020	CFR-TARHEEL-080320
Sample Date	07/27/20	07/28/20	07/29/20	07/30/20	08/03/20
Sample Type	Composite	Grab	Composite	Composite	Grab
Sample Start Date and Time	07/27/20 12:01 AM	-	07/29/20 12:01 AM	07/30/20 12:01 AM	-
Sample Stop Date and Time	07/27/20 11:01 AM	-	07/29/20 11:01 PM	07/30/20 11:01 PM	-
Composite Duration (hours)	12	-	24	24	-
QA/QC					
Sample Matrix	Liquid	LIQUID	Liquid	Liquid	LIQUID
Sample Delivery Group (SDG)	320-63287-1	320-63225-2	320-63304-2	320-63442-1	320-63442-1
Lab Sample ID	320-63287-2	320-63225-1	320-63304-1	320-63442-1	320-63442-2
Table 3+ SOP (ng/L)					
HFPO-DA	**14**	**14 J**	**14**	**11**	**15**
PFMOAA	**41**	**39**	**54**	**41**	**48**
PFO2HxA	**19**	**19**	**21**	**18**	**23**
PFO3OA	**3.9**	**4.4**	**5.2**	**5**	**5.4**
PFO4DA	<2	<2	<2	**2.7**	**2.3**
PFO5DA	<2	<2	<2	<2	<2
PMPA	<20	<20	<20	<20	**21**
PEPA	<10	<10	<10	<10	<10
PS Acid	<2	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2	<2
R-PSDA	**12**	<2	<2	<2	<2
Hydrolyzed PSDA	**14**	<2	**20**	**18**	**21**
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	**3.5**	**2.9**	**2.8**	**3.4**	**2.7**
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	<2	<2	<2	<2	<2
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	--	**3.7**	**3.1**	**3.2**	**4.8**
Total Attachment C[1,2]	**78**	**76**	**94**	**78**	**110**
Total Table 3+ (17 compounds)[2,3]	**81**	**79**	**97**	**81**	**120**
Total Table 3+ (20 compounds)[2]	**110**	**79**	**120**	**99**	**140**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2020	Q3 2020	Q3 2020	Q3 2020	Q3 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-080420	CFR-TARHEEL-24-080620	CFR-TARHEEL-24-081020	CFR-TARHEEL-24-081220	CFR-TARHEEL-24-081720
Sample Date	08/04/20	08/06/20	08/10/20	08/12/20	08/17/20
Sample Type	Grab	Composite	Composite	Composite	Composite
Sample Start Date and Time	-	08/05/20 11:55 PM	08/09/20 10:38 PM	08/12/20 12:01 AM	08/17/20 12:01 AM
Sample Stop Date and Time	-	08/06/20 10:55 PM	08/10/20 9:56 PM	08/12/20 11:01 PM	08/17/20 11:01 PM
Composite Duration (hours)	-	24	24	24	24
QA/QC					
Sample Matrix	LIQUID	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-63442-1	320-63737-1	320-63737-1	320-63779-1	320-64174-1
Lab Sample ID	320-63442-3	320-63737-1	320-63737-2	320-63779-1	320-64174-5
Table 3+ SOP (ng/L)					
HFPO-DA	**44**	**4.8**	**7.8**	**5.8**	**3.4**
PFMOAA	**47**	**8.1**	<2	**27**	**15**
PFO2HxA	**37**	**8.1**	**20**	**11**	**6.2**
PFO3OA	**10**	<2	**6**	**2.1**	<2
PFO4DA	**4.3**	<2	**2.2**	<2	<2
PFO5DA	<2	<2	<2	<2	<2
PMPA	**45**	<20	<20	<20	<20
PEPA	**12**	<10	<10	<10	<10
PS Acid	**4.6**	<2	<2	<2	<2
Hydro-PS Acid	**2.9**	<2	<2	<2	<2
R-PSDA	<2	<2	<2	**7.4**	**3.8**
Hydrolyzed PSDA	**32**	**2.5**	<2	**15**	**6.4**
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	**2.4**	<2	<2	<2	<2
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	<2	<2	<2	**3.9**	<2
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	**4.9**	**2.6**	**4.6**	**3.8**	**2.5**
Total Attachment C[1,2]	**210**	**21**	**36**	**46**	**25**
Total Table 3+ (17 compounds)[2,3]	**210**	**21**	**36**	**46**	**25**
Total Table 3+ (20 compounds)[2]	**240**	**24**	**36**	**72**	**35**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2020	Q3 2020	Q3 2020	Q3 2020	Q3 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-082020	CFR-TARHEEL-24-082520	CFR-TARHEEL-082720	CFR-TARHEEL-082720-D	CFR-TARHEEL-083120
Sample Date	08/20/20	08/25/20	08/27/20	08/27/20	08/31/20
Sample Type	Composite	Composite	Grab	Grab	Grab
Sample Start Date and Time	08/20/20 12:01 AM	08/25/20 12:01 AM	-	-	-
Sample Stop Date and Time	08/20/20 11:01 PM	08/25/20 11:01 PM	-	-	-
Composite Duration (hours)	24	24	-	-	-
QA/QC				Field Duplicate	
Sample Matrix	Liquid	Liquid	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-64174-1	320-64174-1	320-64174-1	320-64174-1	320-64174-1
Lab Sample ID	320-64174-6	320-64174-1	320-64174-2	320-64174-3	320-64174-4
Table 3+ SOP (ng/L)					
HFPO-DA	**6.2**	**7.1**	**12**	**12**	**18**
PFMOAA	**26**	**33**	**63**	**64**	**100**
PFO2HxA	**12**	**15**	**24**	**24**	**35**
PFO3OA	**2.3**	**3**	**5.3**	**5.6**	**7.8**
PFO4DA	<2	<2	**2**	<2	**2.8**
PFO5DA	<2	<2	<2	<2	<2
PMPA	<20	<20	**23**	**23**	**31**
PEPA	<10	<10	<10	<10	<10
PS Acid	<2	<2	<2	<2	**2.7**
Hydro-PS Acid	<2	<2	<2	<2	<2
R-PSDA	**6.1**	<2	<2 UJ	**8 J**	**11**
Hydrolyzed PSDA	**11**	<2	**22**	**23**	**38**
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	<2	<2	<2	<2	**2.7**
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	<2	<2	<2	**2.9**	**4.7**
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	**2.8**	**3.5**	**3.7**	**4**	**5.6**
Total Attachment C[1,2]	**47**	**58**	**130**	**130**	**200**
Total Table 3+ (17 compounds)[2,3]	**47**	**58**	**130**	**130**	**200**
Total Table 3+ (20 compounds)[2]	**64**	**58**	**150**	**160**	**250**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2020	Q3 2020	Q3 2020	Q3 2020	Q3 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-090320	CFR-TARHEEL-24-090720	CFR-TARHEEL-24-091020	CFR-TARHEEL-24-091420	CFR-TARHEEL-24-091720
Sample Date	09/03/20	09/07/20	09/10/20	09/14/20	09/17/20
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	09/03/20 12:01 AM	09/07/20 12:01 AM	09/10/20 12:01 AM	09/14/20 12:01 AM	09/17/20 12:01 AM
Sample Stop Date and Time	09/03/20 11:01 PM	09/07/20 11:01 PM	09/10/20 11:01 PM	09/14/20 11:01 PM	09/17/20 11:01 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-64517-1	320-64517-1	320-64776-1	320-64776-1	320-64846-1
Lab Sample ID	320-64517-1	320-64517-2	320-64776-1	320-64776-2	320-64846-1
Table 3+ SOP (ng/L)					
HFPO-DA	**7.8**	**12**	**26**	**18**	**25**
PFMOAA	**21**	**26**	**55**	**36**	<2
PFO2HxA	**12**	**17**	**31**	**25**	**32**
PFO3OA	**3.4**	**4.2**	**7.3**	**5.3**	**7.2**
PFO4DA	<2	<2	**2.1**	<2	**2.7**
PFO5DA	<2	<2	<2	<2	<2
PMPA	<20	<20	**30**	<20	**33**
PEPA	<10	<10	<10	<10	<10
PS Acid	<2	<2	**3.7**	<2	**2**
Hydro-PS Acid	<2	<2	<2	<2	**2.8**
R-PSDA	**3.4**	<2	**14**	**4.2**	**9.7**
Hydrolyzed PSDA	**8.6**	**15**	**41**	**24**	**29**
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	<2	<2	**3**	**4**	**5.8**
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	<2	<2	**6.3**	<2	**3.2**
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	**2.5**	**2.3**	**5.5**	**4.8**	**5**
Total Attachment C[1,2]	**44**	**59**	**160**	**84**	**100**
Total Table 3+ (17 compounds)[2,3]	**44**	**59**	**160**	**88**	**110**
Total Table 3+ (20 compounds)[2]	**56**	**74**	**220**	**120**	**150**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2020	Q3 2020	Q3 2020	Q3 2020	Q3 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-11-091820	CFR-TARHEEL-24-092120	CFR-TARHEEL-24-092420	CFR-TARHEEL-24-092420-2	CFR-TARHEEL-24-092520
Sample Date	09/18/20	09/21/20	09/24/20	09/24/20	09/25/20
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	09/18/20 12:01 AM	09/21/20 12:01 AM	09/24/20 12:01 AM	09/24/20 12:01 AM	09/25/20 12:01 AM
Sample Stop Date and Time	09/18/20 10:01 AM	09/21/20 11:01 PM	09/24/20 11:01 PM	09/24/20 11:01 PM	09/25/20 11:01 PM
Composite Duration (hours)	11	24	24	24	24
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-64920-1	320-65132-1	320-65132-1	320-65132-1	320-65132-1
Lab Sample ID	320-64920-1	320-65132-1	320-65132-2	320-65132-2	320-65132-3
Table 3+ SOP (ng/L)					
HFPO-DA	**42**	**7.3**	**11**	**11**	**11**
PFMOAA	<2	**7.9**	**14**	**14**	**12**
PFO2HxA	**39**	**8.7**	**9.8**	**9.8**	**12**
PFO3OA	**9**	<2	**2.9**	**2.9**	**2.9**
PFO4DA	**4.2**	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2	<2
PMPA	**46**	**34**	**31**	**31**	**32**
PEPA	**11**	<10	<10	<10	<10
PS Acid	**8.3**	<2	<2	<2	<2
Hydro-PS Acid	**4.3**	<2	<2	<2	<2
R-PSDA	**52**	<2	<2	<2	<2
Hydrolyzed PSDA	**47**	**9.4**	**11**	**11**	**14**
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	**5.7**	<2	<2	<2	<2
EVE Acid	**2.4**	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	**7.5**	<2	<2	<2	<2
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	**4.3**	**4.1 J**	**5.6 J**	**5.6 J**	**5.7 J**
Total Attachment C[1,2]	**160**	**58**	**69**	**69**	**70**
Total Table 3+ (17 compounds)[2,3]	**170**	**58**	**69**	**69**	**70**
Total Table 3+ (20 compounds)[2]	**280**	**67**	**80**	**80**	**84**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2020	Q3 2020	Q3 2020	Q3 2020	Q4 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-092620	CFR-TARHEEL-24-092820	CFR-TARHEEL-24-092920	CFR-TARHEEL-24-093020	CFR-TARHEEL-18-100120
Sample Date	09/26/20	09/28/20	09/29/20	09/30/20	10/01/20
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	09/26/20 12:01 AM	09/28/20 12:01 AM	09/29/20 12:01 AM	09/30/20 12:01 AM	10/01/20 12:01 AM
Sample Stop Date and Time	09/26/20 11:01 PM	09/28/20 11:01 PM	09/29/20 11:01 PM	09/30/20 11:01 PM	10/01/20 5:01 PM
Composite Duration (hours)	24	24	24	24	18
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-65132-1	320-65188-1	320-65521-1	320-65283-1	320-65521-1
Lab Sample ID	320-65132-4	320-65188-1	320-65521-1	320-65283-1	320-65521-2
Table 3+ SOP (ng/L)					
HFPO-DA	**12**	**6.1**	**5.3**	**11**	**5.3**
PFMOAA	**8.8**	**6.3**	**4.1**	**23**	**2.9**
PFO2HxA	**13**	**6.2**	**6.8**	**12**	**6.6**
PFO3OA	**2.6**	<2	<2	**2.5**	<2
PFO4DA	<2	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2	<2
PMPA	**34**	**32**	<20	**25**	<20
PEPA	<10	<10	<10	<10	<10
PS Acid	<2	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2	<2
R-PSDA	<2	<2	<2	**7.4**	<2
Hydrolyzed PSDA	**13**	**7.1**	**5.4**	**12**	<2
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	<2	<2	<2	<2	<2
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	<2	<2	<2	**2.9**	<2
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	**5.1 J**	**3.4 J**	**3.9**	**4.9**	**5.5**
Total Attachment C[1,2]	**70**	**51**	**16**	**74**	**15**
Total Table 3+ (17 compounds)[2,3]	**70**	**51**	**16**	**74**	**15**
Total Table 3+ (20 compounds)[2]	**83**	**58**	**22**	**96**	**15**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2020	Q4 2020	Q4 2020	Q4 2020	Q4 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-9-100620	CFR-TARHEEL-24-100820	CFR-TARHEEL-24-101220	CFR-TARHEEL-24-101520	CFR-TARHEEL-24-101920
Sample Date	10/06/20	10/08/20	10/12/20	10/15/20	10/19/20
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	10/06/20 2:30 PM	10/07/20 5:30 PM	10/12/20 12:01 AM	10/15/20 12:01 AM	10/19/20 12:01 AM
Sample Stop Date and Time	10/06/20 11:30 PM	10/08/20 4:30 PM	10/12/20 11:01 PM	10/15/20 11:01 PM	10/19/20 11:01 PM
Composite Duration (hours)	9	24	24	24	24
QA/QC					
Sample Matrix	LIQUID	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-65521-1	320-65521-1	320-65571-1	320-65803-1	320-65803-1
Lab Sample ID	320-65521-3	320-65521-4	320-65571-1	320-65803-1	320-65803-2
Table 3+ SOP (ng/L)					
HFPO-DA	**8.1**	**13**	**23**	**4.5**	**6.0**
PFMOAA	**3.9**	**7.4**	**54**	**15**	**18**
PFO2HxA	**9.9**	**15**	**30**	**6.9**	**7.6**
PFO3OA	**2.1**	**3.6**	**13**	<2	<2
PFO4DA	<2	<2	**7.9**	<2	<2
PFO5DA	<2	<2	**3.5**	<2	<2
PMPA	<20	<20	**33**	<20	<20
PEPA	<10	<10	<10	<10	<10
PS Acid	<2	<2	**2.2**	<2	<2
Hydro-PS Acid	<2	<2	<2	<2	<2
R-PSDA	<2	<2	**20**	**3.4**	**4.1**
Hydrolyzed PSDA	**5.1**	**7.6**	**21**	**5**	**6.2**
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	<2	<2	**3.1**	<2	<2
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	<2	<2	**4.7**	<2	<2
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	**5.4**	**5.5**	**4**	**3.8**	**5.5**
Total Attachment C[1,2]	**24**	**39**	**170**	**26**	**32**
Total Table 3+ (17 compounds)[2,3]	**24**	**39**	**170**	**26**	**32**
Total Table 3+ (20 compounds)[2]	**29**	**47**	**220**	**35**	**42**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2020	Q4 2020	Q4 2020	Q4 2020	Q4 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-102220	CFR-TARHEEL-12-103020	CFR-TARHEEL-24-103120	CFR-TARHEEL-24-110220	CFR-TARHEEL-24-110520
Sample Date	10/22/20	10/30/20	10/31/20	11/02/20	11/05/20
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	10/22/20 12:01 AM	10/30/20 12:01 PM	10/31/20 12:01 AM	11/02/20 12:01 AM	11/05/20 12:01 AM
Sample Stop Date and Time	10/22/20 11:01 PM	10/30/20 11:01 PM	10/31/20 11:01 PM	11/02/20 11:01 PM	11/05/20 11:01 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	Liquid	LIQUID	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-66072-1	320-66384-1	320-66384-1	320-66384-1	320-66511-1
Lab Sample ID	320-66072-1	320-66384-1	320-66384-2	320-66384-3	320-66511-1
Table 3+ SOP (ng/L)					
HFPO-DA	**7.2**	**11**	**8.8**	**7.0**	**5.9**
PFMOAA	**7**	**29**	**27**	**15**	**22**
PFO2HxA	**8.3**	**13**	**11**	**8.5**	**9.3**
PFO3OA	<2	**3.1**	**2.5**	<2	**2.2**
PFO4DA	<2	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2	<2
PMPA	**28**	<20	**21**	**20**	**26**
PEPA	<10	<10	<10	<10	<10
PS Acid	<2	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2	<2
R-PSDA	<2	**11 J**	**9.1 J**	<2	<2
Hydrolyzed PSDA	<2	**8.5**	**6.1**	**3.9**	**5.2**
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	<2	**3.5**	**3.8**	**3.3**	<2
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	<2	**2.8 J**	**2.2 J**	<2	<2
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	**5.1**	**4.5**	**4.9**	**6**	**4.9**
Total Attachment C[1,2]	**51**	**56**	**70**	**51**	**65**
Total Table 3+ (17 compounds)[2,3]	**51**	**60**	**74**	**54**	**65**
Total Table 3+ (20 compounds)[2]	**51**	**82**	**92**	**58**	**71**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2020	Q4 2020	Q4 2020	Q4 2020	Q4 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-110920	CFR-TARHEEL-24-111120	CFR-TARHEEL-20-111220	CFR-TARHEEL-111320	CFR-TARHEEL-111820
Sample Date	11/09/20	11/11/20	11/12/20	11/13/20	11/18/20
Sample Type	Composite	Composite	Composite	Grab	Grab
Sample Start Date and Time	11/09/20 12:01 AM	11/11/20 12:01 AM	11/12/20 12:01 AM	--	--
Sample Stop Date and Time	11/09/20 11:01 PM	11/11/20 11:01 PM	11/12/20 7:01 PM	--	--
Composite Duration (hours)	24	24	20	--	--
QA/QC					
Sample Matrix	Liquid	Liquid	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-66794-1	320-66794-1	320-66794-1	320-67088-1	320-67088-1
Lab Sample ID	320-66794-1	320-66794-2	320-66794-3	320-67088-1	320-67088-2
Table 3+ SOP (ng/L)					
HFPO-DA	**12 J**	**14**	**46**	**2.8**	**6**
PFMOAA	**35 J**	**38**	**48**	<2	**8.1**
PFO2HxA	**17 J**	**18**	**45**	**3.3**	**7.7**
PFO3OA	**3.9 J**	**3.6**	**11**	<2	<2
PFO4DA	<2 UJ	<2	**7.3**	<2	<2
PFO5DA	<2 UJ	<2	**5.3**	<2	<2
PMPA	**22 J**	<20	**52**	<20	<20
PEPA	<10 UJ	<10	**16**	<10	<10
PS Acid	<2 UJ	<2	**2.6**	<2	<2
Hydro-PS Acid	<2 UJ	<2	**2.9**	<2	<2
R-PSDA	**16 J**	**16**	**39**	<2	**6.2**
Hydrolyzed PSDA	**14 J**	**15**	**21**	<2	**2.5**
R-PSDCA	<2 UJ	<2	<2	<2	<2
NVHOS	**2.8 J**	**3.8**	**3.3**	<2	<2
EVE Acid	<2 UJ	<2	**2.1**	<2	<2
Hydro-EVE Acid	<2 UJ	<2	<2	<2	<2
R-EVE	**3.4 J**	**3.9**	**11**	<2	<2
PES	<2 UJ	<2	<2	<2	<2
PFECA B	<2 UJ	<2	<2	<2	<2
PFECA-G	<2 UJ	<2	<2	<2	<2
Perfluoroheptanoic Acid	**4.2 J**	**3.8**	**3.6**	**3.1**	**2.6**
Total Attachment C[1,2]	**90**	**74**	**240**	**6.1**	**22**
Total Table 3+ (17 compounds)[2,3]	**93**	**77**	**240**	**6.1**	**22**
Total Table 3+ (20 compounds)[2]	**130**	**110**	**310**	**6.1**	**31**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2020	Q4 2020	Q4 2020	Q4 2020	Q4 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL[4]	CFR-TARHEEL	CFR-TARHEEL[4]
Field Sample ID	CFR-TARHEEL-112020	CFR-TARHEEL-24-112420	CFR-TARHEEL-24-112420	CFR-TARHEEL-24-112620	CFR-TARHEEL-24-112620
Sample Date	11/20/20	11/24/20	11/24/20	11/26/20	11/26/20
Sample Type	Grab	Composite	Composite	Composite	Composite
Sample Start Date and Time	--	11/24/20 12:01 AM	11/24/20 12:01 AM	11/26/20 12:01 AM	11/26/20 12:01 AM
Sample Stop Date and Time	--	11/24/20 11:01 PM	11/24/20 11:01 PM	11/26/20 11:01 PM	11/26/20 11:01 PM
Composite Duration (hours)	--	24	24	24	24
QA/QC					
Sample Matrix	LIQUID	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-67088-1	320-67335-1	320-67335-2	320-67335-1	320-67335-2
Lab Sample ID	320-67088-3	320-67335-1	320-67335-1	320-67335-2	320-67335-2
Table 3+ SOP (ng/L)					
HFPO-DA	**6.1**	<2	**7.2 J**	**100**	**7.8 J**
PFMOAA	**10**	<2	**18 J**	**23 J**	**21 J**
PFO2HxA	**7.5**	**2.3**	**6.1 J**	**100**	**7.4 J**
PFO3OA	<2	<2	<2 UJ	**14**	<2 UJ
PFO4DA	<2	<2	<2 UJ	**13**	<2 UJ
PFO5DA	<2	<2	<2 UJ	<2	<2 UJ
PMPA	<20	<20	<20 UJ	**92**	<20 UJ
PEPA	<10	<10	<10 UJ	**27**	<10 UJ
PS Acid	<2	<2	<2 UJ	<2	<2 UJ
Hydro-PS Acid	<2	<2	<2 UJ	**8**	<2 UJ
R-PSDA	**7.1**	<2	**3.3 J**	**5.5**	**4.1 J**
Hydrolyzed PSDA	**4.9**	<2	**3.5 J**	<2	**4.3 J**
R-PSDCA	<2	<2	<2 UJ	<2	<2 UJ
NVHOS	<2	<2	<2 UJ	<2	<2 UJ
EVE Acid	<2	<2	<2 UJ	<2	<2 UJ
Hydro-EVE Acid	<2	<2	<2 UJ	<2	<2 UJ
R-EVE	<2	<2	<2 UJ	**3**	<2 UJ
PES	<2	<2	<2 UJ	<2	<2 UJ
PFECA B	<2	<2	<2 UJ	<2	<2 UJ
PFECA-G	<2	<2	<2 UJ	<2	<2 UJ
Perfluoroheptanoic Acid	**3.3**	<2	**4.5 J**	**2.9**	**5.7 J**
Total Attachment C[1,2]	**24**	**2.3**	**31**	**380**	**36**
Total Table 3+ (17 compounds)[2,3]	**24**	**2.3**	**31**	**380**	**36**
Total Table 3+ (20 compounds)[2]	**36**	**2.3**	**38**	**390**	**45**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2020	Q4 2020	Q4 2020	Q4 2020	Q4 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-113020	CFR-TARHEEL-24-120320	CFR-TARHEEL-24-120720	CFR-TARHEEL-24-121020	CFR-TARHEEL-24-121320
Sample Date	11/30/20	12/03/20	12/07/20	12/10/20	12/13/20
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	11/30/20 12:01 AM	12/03/20 12:01 AM	12/07/20 12:01 AM	12/10/20 12:01 AM	12/13/20 12:01 AM
Sample Stop Date and Time	11/30/20 11:01 PM	12/03/20 11:01 PM	12/07/20 11:01 PM	12/10/20 11:01 PM	12/13/20 11:01 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	LIQUID
Sample Delivery Group (SDG)	320-67618-1	320-67618-1	320-67847-1	320-67870-1	320-68141-1
Lab Sample ID	320-67618-1	320-67618-2	320-67847-1	320-67870-1	320-68141-1
Table 3+ SOP (ng/L)					
HFPO-DA	**18**	**4.4**	**5.5**	**5.7**	**9.0**
PFMOAA	**32**	**9.5**	**13**	**18**	**25**
PFO2HxA	**14**	**4.4**	**6**	**5.7**	**9.2**
PFO3OA	**3.2**	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2	<2
PMPA	**27**	**28**	<20	<20	<20
PEPA	<10	<10	<10	<10	<10
PS Acid	<2	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2	<2
R-PSDA	**8.4**	**3.9**	**6.3**	<2	**7.4 J**
Hydrolyzed PSDA	**9.6**	**3.1**	**5.9**	<2	**6.9**
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	<2	<2	<2	<2	<2
EVE Acid	<2	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	**3.2**	<2	**2.9**	<2	**2.3**
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	**4.8**	**4**	**4.3**	**3.7**	**5.3**
Total Attachment C[1,2]	**94**	**46**	**25**	**29**	**43**
Total Table 3+ (17 compounds)[2,3]	**94**	**46**	**25**	**29**	**43**
Total Table 3+ (20 compounds)[2]	**120**	**53**	**40**	**29**	**60**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2020	Q4 2020	Q4 2020	Q4 2020	Q4 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-12-121420	CAP1220-CFR-TARHEEL-121520	CAP1220-TARHEEL-121620	CFR-TARHEEL-121720	CFR-TARHEEL-122120
Sample Date	12/14/20	12/15/20	12/16/20	12/17/20	12/21/20
Sample Type	Composite	Grab	Grab	Grab	Grab
Sample Start Date and Time	12/14/20 12:59 AM	--	--	--	--
Sample Stop Date and Time	12/14/20 11:59 AM	--	--	--	--
Composite Duration (hours)	12	--	--	--	--
QA/QC					
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-68141-1	320-68082-1	320-68080-1	320-68141-1	320-68261-1
Lab Sample ID	320-68141-2	320-68082-4	320-68080-1	320-68141-3	320-68261-1
Table 3+ SOP (ng/L)					
HFPO-DA	**9.4**	**7.6**	**11**	**3.2**	**3.9**
PFMOAA	**27**	**14**	**20**	**6.9**	**9.9**
PFO2HxA	**9.9**	**8.6**	**9.7**	**3.1**	**3.7**
PFO3OA	**2.1**	<2	**2.6**	<2	<2
PFO4DA	<2	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2	<2
PMPA	<20	**25**	**27**	<20	<20
PEPA	<10	<10	<10	<10	<10
PS Acid	<2	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2	<2
R-PSDA	**7.4 J**	**13**	<2	**4.3 J**	**3.3 J**
Hydrolyzed PSDA	**7.4**	**8.6 J**	**9.2**	**2.2**	**3.1**
R-PSDCA	<2	<2	<2	<2	<2
NVHOS	<2	<2	<2	<2	<2
EVE Acid	<2	<2	**4.1**	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2	<2
R-EVE	**2.4**	<2	<2	<2	<2
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	**4.1**	**3.9**	**4.3**	**4.5**	**3.9**
Total Attachment C[1,2]	**48**	**55**	**70**	**13**	**18**
Total Table 3+ (17 compounds)[2,3]	**48**	**55**	**74**	**13**	**18**
Total Table 3+ (20 compounds)[2]	**66**	**77**	**84**	**20**	**24**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2020	Q4 2020	Q4 2020	Q4 2020	Q1 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-122320	CFR-TARHEEL-122420	CFR-TARHEEL-122820	CFR-TARHEEL-123020	CFR-TARHEEL-010621
Sample Date	12/23/20	12/24/20	12/28/20	12/30/20	01/06/21
Sample Type	Grab	Grab	Grab	Grab	Grab
Sample Start Date and Time	--	--	--	--	-
Sample Stop Date and Time	--	--	--	--	-
Composite Duration (hours)	--	--	--	--	-
QA/QC					
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID	
Sample Delivery Group (SDG)	320-68338-1	320-68338-1	320-68338-1	320-68393-1	320-68684-1
Lab Sample ID	320-68338-1	320-68338-2	320-68338-3	320-68393-1	320-68684-1
Table 3+ SOP (ng/L)					
HFPO-DA	**3.5**	**12**	**3.0**	**4.4**	**2.8**
PFMOAA	<2	**17**	<2	**12**	**3.0**
PFO2HxA	**3.6**	**9**	**2.5**	**4.8**	**3.5**
PFO3OA	<2	<2	<2	<2	<2.0
PFO4DA	<2	<2	<2	<2	<2.0
PFO5DA	<2	<2	<2	<2	<2.0
PMPA	<20	<20	<20	<20	<20
PEPA	<10	<10	<10	<10	<10
PS Acid	<2	<2	<2	<2	<2.0
Hydro-PS Acid	<2	<2	<2	<2	<2.0
R-PSDA	<2	**13 J**	<2	**5.6**	<2.0
Hydrolyzed PSDA	**3.2 J**	**11 J**	**2 J**	**4.3**	<2.0
R-PSDCA	<2	<2	<2	<2	<2.0
NVHOS	<2	<2	<2	<2	<2.0
EVE Acid	<2	<2	<2	<2	<2.0
Hydro-EVE Acid	<2	<2	<2	<2	<2.0
R-EVE	<2	<2	<2	**2.8**	<2.0
PES	<2	<2	<2	<2	<2.0
PFECA B	<2	<2	<2	<2	<2.0
PFECA-G	<2	<2	<2	<2	<2.0
Perfluoroheptanoic Acid	**3.4**	**3.8**	**3.4**	**3.5**	<2.0
Total Attachment C[1,2]	**7.1**	**38**	**5.5**	**21**	**9.3**
Total Table 3+ (17 compounds)[2,3]	**7.1**	**38**	**5.5**	**21**	**9.3**
Total Table 3+ (20 compounds)[2]	**10**	**62**	**7.5**	**34**	**9.3**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2021	Q1 2021	Q1 2021	Q1 2021	Q1 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-010721	CFR-TARHEEL-011121	CFR-TARHEEL-011421	CFR-TARHEEL-24-012121	CFR-TARHEEL-24-012221
Sample Date	01/07/21	01/11/21	01/14/21	01/21/21	01/22/21
Sample Type	Grab	Grab	Grab	Composite	Composite
Sample Start Date and Time	-	-	-	01/21/21 12:01 AM	01/22/21 12:01 AM
Sample Stop Date and Time	-	-	-	01/21/21 11:01 PM	01/22/21 11:01 PM
Composite Duration (hours)	-	-	-	24	24
QA/QC					
Sample Matrix					
Sample Delivery Group (SDG)	320-68684-1	320-68930-1	320-68930-1	320-69493-1	320-69493-1
Lab Sample ID	320-68684-2	320-68930-1	320-68930-2	320-69493-1	320-69493-2
Table 3+ SOP (ng/L)					
HFPO-DA	**3.3**	**5.7**	**9.3**	**9.4**	**10**
PFMOAA	<2.0	**13**	**21**	**21**	**23**
PFO2HxA	**3.7**	**5.7**	**10**	**8.4**	**8.4**
PFO3OA	<2.0	<2.0	**2.0**	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<20	<20	<20	**14**	**14**
PEPA	<10	<10	<10	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	**3.9**	**4.6**	**5.6**	**6.5**
Hydrolyzed PSDA	<2.0 UJ	**2.8**	**4.2**	**7.2**	**7.9**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0	<2.0	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0	<2.0	<2.0	**2.3**	**2.4**
Total Attachment C[1,2]	**7.0**	**24**	**42**	**53**	**55**
Total Table 3+ (17 compounds)[2,3]	**7.0**	**24**	**42**	**53**	**55**
Total Table 3+ (20 compounds)[2]	**7.0**	**31**	**51**	**66**	**70**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2021	Q1 2021	Q1 2021	Q1 2021	Q1 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CAP0121-CFR-TARHEEL-012621	CAP0121-CFR-TARHEEL-24-012721	CFR-TARHEEL-24-012721	CFR-TARHEEL-24-012821	CFR-TARHEEL-020121
Sample Date	01/26/21	01/27/21	01/27/21	01/28/21	02/01/21
Sample Type	Grab	Composite	Composite	Composite	Grab
Sample Start Date and Time	-	01/26/21 4:10 PM	01/26/21 4:10 PM	01/28/21 12:01 AM	-
Sample Stop Date and Time	-	01/27/21 3:10 PM	01/27/21 3:10 PM	01/28/21 11:01 PM	-
Composite Duration (hours)	-	24	24	24	-
QA/QC					
Sample Matrix					
Sample Delivery Group (SDG)	320-69424-1	320-69495-2	320-69606-1	320-69606-1	320-69862-1
Lab Sample ID	320-69424-4	320-69495-2	320-69606-1	320-69606-2	320-69862-1
Table 3+ SOP (ng/L)					
HFPO-DA	**17**	**11**	**9.1**	**7.4**	**5.5**
PFMOAA	**36**	**23**	**23**	**16**	**8.6**
PFO2HxA	**13**	**12**	**9.2**	**7.0**	**4.8**
PFO3OA	**3.2**	**2**	<2.0	<2.0	<2.0
PFO4DA	<2	<2	<2.0	<2.0	<2.0
PFO5DA	<2	<2	<2.0	<2.0	<2.0
PMPA	**20**	**19**	**17**	**14**	**13**
PEPA	<20	<20	<20	<20	<20
PS Acid	**2.1**	<2	<2.0	<2.0	<2.0
Hydro-PS Acid	<2	<2	<2.0	<2.0	<2.0
R-PSDA	**20**	**9.6**	**6.8**	**5.9**	<2.0
Hydrolyzed PSDA	**9.6**	**7.8**	**6.2**	**4.8**	**2.8**
R-PSDCA	<2	<2	<2.0	<2.0	<2.0
NVHOS	**3**	<2	<2.0	<2.0	<2.0
EVE Acid	<2	<2	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2	<2	<2.0	<2.0	<2.0
R-EVE	**4.3**	**3.2**	**2.7**	<2.0	<2.0
PES	<2	<2	<2.0	<2.0	<2.0
PFECA B	<2	<2	<2.0	<2.0	<2.0
PFECA-G	<2	<2	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**2.2**	**3.1**	**2.3**	**2.5**	**3.0**
Total Attachment C[1,2]	**91**	**67**	**58**	**44**	**32**
Total Table 3+ (17 compounds)[2,3]	**94**	**67**	**58**	**44**	**32**
Total Table 3+ (20 compounds)[2]	**130**	**88**	**74**	**55**	**35**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2021	Q1 2021	Q1 2021	Q1 2021	Q1 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-020421	CFR-TARHEEL-020821	CFR-TARHEEL-38-021221	CFR-TARHEEL-021621	CFR-TARHEEL-021921
Sample Date	02/04/21	02/08/21	02/12/21	02/16/21	02/19/21
Sample Type	Grab	Grab	Composite	Grab	Grab
Sample Start Date and Time	-	-	02/11/21 12:01 AM	-	-
Sample Stop Date and Time	-	-	02/12/21 2:01 PM	-	-
Composite Duration (hours)	-	-	38	-	-
QA/QC					
Sample Matrix					
Sample Delivery Group (SDG)	320-69862-1	320-70504-1	320-70504-1	320-70504-1	320-70504-1
Lab Sample ID	320-69862-2	320-70504-2	320-70504-1	320-70504-3	320-70504-4
Table 3+ SOP (ng/L)					
HFPO-DA	**4.5**	<2.0	**10**	**4.1**	**8.4**
PFMOAA	<2.0	<2.0	**24**	<2.0	**8.9**
PFO2HxA	**4.6**	<2.0 UJ	**8.2 J**	**3.2**	**4.4**
PFO3OA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**10**	<10	**20**	**15**	**16**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	**5.1**	<2.0	**4.8**
Hydrolyzed PSDA	**4.4**	<2.0	**6.0**	<2.0	**3.0**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0	<2.0	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**2.4**	**4.0**	**3.5**	**2.6**	<2.0
Total Attachment C[1,2]	**19**	**0.0**	**62**	**22**	**38**
Total Table 3+ (17 compounds)[2,3]	**19**	**0.0**	**62**	**22**	**38**
Total Table 3+ (20 compounds)[2]	**24**	**0.0**	**73**	**22**	**46**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2021	Q1 2021	Q1 2021	Q1 2021	Q1 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL[5]	CFR-TARHEEL	CFR-TARHEEL[5]	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-022221	CFR-TARHEEL-022221	CAP0221-CFR-TARHEEL-022421	CAP0221-CFR-TARHEEL-022421	CFR-TARHEEL-022521
Sample Date	02/22/21	02/22/21	02/24/21	02/24/21	02/25/21
Sample Type	Grab	Grab	Grab	Grab	Grab
Sample Start Date and Time	-	-	-	-	-
Sample Stop Date and Time	-	-	-	-	-
Composite Duration (hours)	-	-	-	-	-
QA/QC					
Sample Matrix					
Sample Delivery Group (SDG)	320-70653-1	320-70653-2	320-70619-1	320-70619-2	320-70653-1
Lab Sample ID	320-70653-1	320-70653-1	320-70619-2	320-70619-2	320-70653-2
Table 3+ SOP (ng/L)					
HFPO-DA	**7.3**	**5.7 J**	**12**	**4.3 J**	**5.5**
PFMOAA	**6.6**	**6.4 J**	**20**	**8.7 J**	**7.4**
PFO2HxA	**5.2**	**7.0 J**	**7**	**5 J**	**5.5**
PFO3OA	<2.0	**2.2 J**	<2	<2 UJ	<2.0
PFO4DA	<2.0	<2.0 UJ	**2.7 J**	<2 UJ	<2.0
PFO5DA	<2.0	<2.0 UJ	<2	<2 UJ	<2.0
PMPA	**14**	**12 J**	<10	**8.4 J**	**12**
PEPA	<20	**2.4 J**	<20	<2 UJ	<20
PS Acid	<2.0	<2.0 UJ	<2	<2 UJ	<2.0
Hydro-PS Acid	<2.0	<2.0 UJ	**2.9**	<2 UJ	<2.0
R-PSDA	**3.6**	**7.1 J**	**3.4**	**4.7 J**	**2.9**
Hydrolyzed PSDA	**2.8**	**3.2 J**	**2.6**	**2.4 J**	**2.3**
R-PSDCA	<2.0	<3.0 UJ	<2	<3 UJ	<2.0
NVHOS	<2.0	<3.0 UJ	<2	<3 UJ	<2.0
EVE Acid	<2.0	<2.0 UJ	<2	<2 UJ	<2.0
Hydro-EVE Acid	<2.0	<2.0 UJ	**4**	<2 UJ	<2.0
R-EVE	<2.0	**2.1 J**	<2	<2 UJ	<2.0
PES	<2.0	<2.0 UJ	<2	<2 UJ	<2.0
PFECA B	<2.0	<2.0 UJ	<2	<2 UJ	<2.0
PFECA-G	<2.0	<2.0 UJ	<2	<2 UJ	<2.0
Perfluoroheptanoic Acid	**2.8**	<2.0 UJ	**2.1**	<2 UJ	**3.3**
Total Attachment C[1,2]	**33**	**36**	**45**	**26**	**30**
Total Table 3+ (17 compounds)[2,3]	**33**	**36**	**49**	**26**	**30**
Total Table 3+ (20 compounds)[2]	**40**	**48**	**55**	**34**	**36**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2021	Q1 2021	Q1 2021	Q1 2021	Q1 2021
Location ID	CFR-TARHEEL[5]	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-022521	CFR-TARHEEL-24-030521	CFR-TARHEEL-24-030621	CFR-TARHEEL-24-030821	CFR-TARHEEL-24-031121
Sample Date	02/25/21	03/05/21	03/06/21	03/08/21	03/11/21
Sample Type	Grab	Composite	Composite	Composite	Composite
Sample Start Date and Time	-	03/05/21 12:01 AM	03/06/21 12:01 AM	03/08/21 12:01 AM	03/11/21 12:01 AM
Sample Stop Date and Time	-	03/05/21 11:01 PM	03/06/21 11:01 PM	03/08/21 11:01 PM	03/11/21 11:01 PM
Composite Duration (hours)	-	24	24	24	24
QA/QC					
Sample Matrix					
Sample Delivery Group (SDG)	320-70653-2	320-71137-1	320-71137-1	320-71410-1	320-71410-1
Lab Sample ID	320-70653-2	320-71137-1	320-71137-2	320-71410-1	320-71410-2
Table 3+ SOP (ng/L)					
HFPO-DA	**5.5 J**	**4.5**	**28**	**5.8**	**8.0**
PFMOAA	**10 J**	**12**	**11**	**12**	**20**
PFO2HxA	**5.7 J**	**5.2**	**4.7**	**4.5**	**7.2**
PFO3OA	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PMPA	**9.1 J**	<10	<10	<10	**14**
PEPA	<2.0 UJ	<20	<20	<20	<20
PS Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
R-PSDA	**5.9 J**	**7.2**	**6.3**	**3.8**	**4.5**
Hydrolyzed PSDA	**2.8 J**	**4.8**	**3.9**	**2.3**	**4.2**
R-PSDCA	<3.0 UJ	<2.0	<2.0	<2.0	<2.0
NVHOS	<3.0 UJ	<2.0	<2.0	<2.0	<2.0
EVE Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
R-EVE	**2.2 J**	<2.0	<2.0	<2.0	<2.0
PES	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0 UJ	**3.4**	**4.0**	**3.9**	**3.6**
Total Attachment C[1,2]	**30**	**22**	**44**	**22**	**49**
Total Table 3+ (17 compounds)[2,3]	**30**	**22**	**44**	**22**	**49**
Total Table 3+ (20 compounds)[2]	**36**	**34**	**54**	**28**	**58**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2021	Q1 2021	Q1 2021	Q1 2021	Q1 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL[5]	CFR-TARHEEL[6]
Field Sample ID	CFR-TARHEEL-24-031521	CFR-TARHEEL-24-031821	CFR-TARHEEL-24-032421	CFR-TARHEEL-24-032421	CFR-TARHEEL-24-032421-Z
Sample Date	03/15/21	03/18/21	03/24/21	03/24/21	03/24/21
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	03/15/21 12:01 AM	03/18/21 12:01 AM	03/24/21 12:01 AM	03/24/21 12:01 AM	03/24/21 12:01 AM
Sample Stop Date and Time	03/16/21 12:01 AM	03/18/21 11:01 PM	03/24/21 11:01 PM	03/24/21 11:01 PM	03/24/21 11:01 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix					
Sample Delivery Group (SDG)	320-71660-1	320-71660-1	320-73243-1	320-73243-2	320-73243-2
Lab Sample ID	320-71660-1	320-71660-2	320-73243-1	320-73243-1	320-73243-1Z
Table 3+ SOP (ng/L)					
HFPO-DA	**7.4**	**5.0**	**70 J**	**9.0 J**	**8.4 J**
PFMOAA	**19**	**13**	**13 J**	**20 J**	**23 J**
PFO2HxA	**6.7**	**5.2**	**10 J**	**13 J**	**12 J**
PFO3OA	<2.0	<2.0	**3.0 J**	**2.2 J**	<2.0 UJ
PFO4DA	<2.0	<2.0	**2.5 J**	<2.0 UJ	<2.0 UJ
PFO5DA	<2.0	<2.0	**22 J**	<2.0 UJ	<2.0 UJ
PMPA	**12**	**11**	**21 J**	**17 J**	**12 J**
PEPA	<20	<20	<20 UJ	**4.1 J**	**3.6 J**
PS Acid	<2.0	<2.0	**510 J**	<2.0 UJ	<2.0 UJ
Hydro-PS Acid	<2.0	<2.0	**130 J**	<2.0 UJ	<2.0 UJ
R-PSDA	**4.1**	**3.8**	**37 J**	**22 J**	**19 J**
Hydrolyzed PSDA	**3.7**	**2.9**	**23 J**	**14 J**	**11 J**
R-PSDCA	<2.0	<2.0	**6.5 J**	<3.0 UJ	<3.0 UJ
NVHOS	<2.0	<2.0	**5.9 J**	**9.2 J**	**14 J**
EVE Acid	<2.0	<2.0	**33 J**	<2.0 UJ	<2.0 UJ
Hydro-EVE Acid	<2.0	<2.0	**4.6 J**	<2.0 UJ	<2.0 UJ
R-EVE	<2.0	<2.0	<2.0 UJ	**5.3 J**	**5.7 J**
PES	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
PFECA B	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
PFECA-G	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluoroheptanoic Acid	**4.3**	**3.8**	**4.3 J**	**3.2 J**	**3.4 J**
Total Attachment C[1,2]	**45**	**34**	**780**	**65**	**59**
Total Table 3+ (17 compounds)[2,3]	**45**	**34**	**830**	**75**	**73**
Total Table 3+ (20 compounds)[2]	**53**	**41**	**890**	**120**	**110**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2021	Q1 2021	Q1 2021	Q1 2021	Q1 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL[6]	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-032521	CFR-TARHEEL-24-032521	CFR-TARHEEL-24-032521	CAP0321-CFR-TARHEEL-032921	CFR-TARHEEL-24-032921
Sample Date	03/25/21	03/25/21	03/25/21	03/29/21	03/29/21
Sample Type	Composite	Composite	Composite	Grab	Composite
Sample Start Date and Time	03/25/21 12:01 AM	03/25/21 12:01 AM	03/25/21 12:01 AM	-	03/29/21 12:00 AM
Sample Stop Date and Time	03/25/21 11:01 PM	03/25/21 11:01 PM	03/25/21 11:01 PM	-	03/29/21 11:00 PM
Composite Duration (hours)	24	24	24	-	24
QA/QC					
Sample Matrix					
Sample Delivery Group (SDG)	320-73243-1	320-73243-1	320-73243-2	320-73243-2	320-72329-1
Lab Sample ID	320-73243-2	320-73243-2	320-73243-2	320-73243-2Z	320-72329-1
Table 3+ SOP (ng/L)					
HFPO-DA	**13 J**	**13 J**	**8.2 J**	**6.4 J**	**3.4**
PFMOAA	**10 J**	**10 J**	**20 J**	**20 J**	**8.0**
PFO2HxA	**8.2 J**	**8.2 J**	**12 J**	**12 J**	**4.7**
PFO3OA	<2.0 UJ	<2.0 UJ	**2.6 J**	**2.3 J**	<2.0
PFO4DA	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0
PFO5DA	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0
PMPA	**19 J**	**19 J**	**12 J**	**12 J**	<10
PEPA	<20 UJ	<20 UJ	**3.2 J**	**3.7 J**	<20
PS Acid	**15 J**	**15 J**	<2.0 UJ	<2.0 UJ	<2.0
Hydro-PS Acid	**4.1 J**	**4.1 J**	<2.0 UJ	<2.0 UJ	<2.0
R-PSDA	<2.0 UJ	<2.0 UJ	**15 J**	**17 J**	<2.0
Hydrolyzed PSDA	**7.1 J**	**7.1 J**	**9.2 J**	**10 J**	**4.0**
R-PSDCA	<2.0 UJ	<2.0 UJ	<3.0 UJ	<3.0 UJ	<2.0
NVHOS	**2.4 J**	**2.4 J**	**3.0 J**	**7.8 J**	<2.0
EVE Acid	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0
Hydro-EVE Acid	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0
R-EVE	<2.0 UJ	<2.0 UJ	**4.9 J**	**5.2 J**	<2.0
PES	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0
PFECA B	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0
PFECA-G	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0
Perfluoroheptanoic Acid	**6.5 J**	**6.5 J**	**3.7 J**	**3.6 J**	**2.3**
Total Attachment C[1,2]	**69**	**69**	**58**	**56**	**16**
Total Table 3+ (17 compounds)[2,3]	**72**	**72**	**61**	**64**	**16**
Total Table 3+ (20 compounds)[2]	**79**	**79**	**90**	**96**	**20**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2021	Q1 2021	Q1 2021	Q2 2021	Q2 2021
Location ID	CFR-TARHEEL[7]	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CAP0321-CFR-TARHEEL-21-033021	CFR-TARHEEL-24-033121	CFR-TARHEEL-24-033121-D	CFR-TARHEEL-24-040521	CFR-TARHEEL-24-040721
Sample Date	03/30/21	03/31/21	03/31/21	04/05/21	04/07/21
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	03/30/21 12:00 AM	03/31/21 12:00 AM	03/31/21 12:00 AM	04/05/21 12:00 AM	04/07/21 12:00 AM
Sample Stop Date and Time	03/30/21 11:00 PM	03/31/21 11:00 PM	03/31/21 11:00 PM	04/05/21 11:00 PM	04/07/21 11:00 PM
Composite Duration (hours)	21	24	24	24	24
QA/QC			Field Duplicate		
Sample Matrix					
Sample Delivery Group (SDG)	320-71975-1	320-72329-1	320-72329-1	320-72392-1	320-72392-1
Lab Sample ID	320-71975-4	320-72329-2	320-72329-3	320-72392-1	320-72392-2
Table 3+ SOP (ng/L)					
HFPO-DA	**2.9**	**4.2**	**4.2**	**31**	**14**
PFMOAA	**5.5**	**6.6**	**7.2**	**88**	**28**
PFO2HxA	**2.3**	**3.7**	**3.8**	**31**	**15**
PFO3OA	<2	<2.0	<2.0	**6.5**	**3.3**
PFO4DA	<2	<2.0	<2.0	**2.4**	<2.0
PFO5DA	<2	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	**31**	**26**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2	<2.0	<2.0	<2.0	<2.0
R-PSDA	**7.2**	<2.0	<2.0	**16**	**7.4**
Hydrolyzed PSDA	**2.2**	**3.1 J**	**3.0**	**45**	**13**
R-PSDCA	<2	<2.0	<2.0	<2.0	<2.0
NVHOS	<2	<2.0	<2.0	**2.0**	<2.0
EVE Acid	<2	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2	<2.0	<2.0	<2.0	<2.0
R-EVE	<2	<2.0	<2.0	**6.5**	<2.0
PES	<2	<2.0	<2.0	<2.0	<2.0
PFECA B	<2	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2	<2.0 UJ	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**3.7**	**2.6**	**3.1**	**3.2**	**3.3**
Total Attachment C[1,2]	**11**	**15**	**15**	**190**	**86**
Total Table 3+ (17 compounds)[2,3]	**11**	**15**	**15**	**190**	**86**
Total Table 3+ (20 compounds)[2]	**20**	**18**	**18**	**260**	**110**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2021	Q2 2021	Q2 2021	Q2 2021	Q2 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-041221	CFR-TARHEEL-24-041521	CFR-TARHEEL-24-041821	CFR-TARHEEL-24-041921	CAP0421-CFR-TARHEEL-042021
Sample Date	04/12/21	04/15/21	04/18/21	04/19/21	04/20/21
Sample Type	Composite	Composite	Composite	Composite	Grab
Sample Start Date and Time	04/12/21 12:00 AM	04/15/21 12:00 AM	04/18/21 12:00 AM	04/19/21 12:00 AM	-
Sample Stop Date and Time	04/12/21 11:00 PM	04/15/21 11:00 PM	04/18/21 11:00 PM	04/19/21 11:00 PM	-
Composite Duration (hours)	24	24	24	24	-
QA/QC					
Sample Matrix					
Sample Delivery Group (SDG)	320-72767-1	320-72767-1	320-73112-1	320-73112-1	320-72813-1
Lab Sample ID	320-72767-1	320-72767-2	320-73112-1	320-73112-2	320-72813-3
Table 3+ SOP (ng/L)					
HFPO-DA	**10**	**10**	**24**	**31**	**15**
PFMOAA	**31**	**31**	**51**	**92**	**48**
PFO2HxA	**12**	**11**	**16**	**48**	**19**
PFO3OA	<2.0	<2.0	<2.0	**20**	**4.2**
PFO4DA	<2.0	<2.0	<2.0	**5.3**	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**19**	**15**	**17**	**24**	**20**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	**7.4**	**5.5**	**12**	**19**	**13**
Hydrolyzed PSDA	**18**	**8.5**	**18**	**22**	**16**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0	**2.1**	**3.7**	**3.0**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	**4.6**	<2.0	**3.6**	**5.9**	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**3.0**	**4.1**	**3.6**	**4.7**	**3.5**
Total Attachment C[1,2]	**72**	**67**	**110**	**220**	**110**
Total Table 3+ (17 compounds)[2,3]	**72**	**67**	**110**	**220**	**110**
Total Table 3+ (20 compounds)[2]	**100**	**81**	**140**	**270**	**140**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2021	Q2 2021	Q2 2021	Q2 2021	Q2 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CAP0421-CFR-TARHEEL-5-042121	CAP0421-CFR-TARHEEL-24-042221	CFR-TARHEEL-042721	CFR-TARHEEL-24-042821	CFR-TARHEEL-24-042821-D
Sample Date	04/21/21	04/22/21	04/27/21	04/28/21	04/28/21
Sample Type	Composite	Composite	Grab	Composite	Composite
Sample Start Date and Time	04/21/21 12:00 AM	04/22/21 12:00 AM	-	04/28/21 12:00 AM	04/28/21 12:00 AM
Sample Stop Date and Time	04/21/21 11:00 PM	04/22/21 11:00 PM	-	04/28/21 11:00 PM	04/28/21 11:00 PM
Composite Duration (hours)	5	24	-	24	24
QA/QC					Field Duplicate
Sample Matrix					
Sample Delivery Group (SDG)	320-72803-1	320-72908-2	320-73330-1	320-73330-1	320-73330-1
Lab Sample ID	320-72803-3	320-72908-7	320-73330-1	320-73330-2	320-73330-3
Table 3+ SOP (ng/L)					
HFPO-DA	**25**	**23**	**23**	**18**	**16**
PFMOAA	**48**	**64**	**63**	**56**	**53**
PFO2HxA	**34**	**26**	**25**	**20**	**21**
PFO3OA	**9.1**	**7.2**	**5.6**	**4.6 J**	<2.0
PFO4DA	**3.2**	**2.0**	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**36**	**19**	**30**	**24**	**25**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	**18**	**32**	**15**	**17 J**	**15**
Hydrolyzed PSDA	**30**	**330**	**31 J**	**19 J**	**19 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**4.8**	**3.4**	**3.4**	**3.9**	**3.8**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	**2.8**	**23**	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.3**	**3.6**	**3.4**	**3.8**	**4.2**
Total Attachment C[1,2]	**160**	**140**	**150**	**120**	**120**
Total Table 3+ (17 compounds)[2,3]	**160**	**140**	**150**	**130**	**120**
Total Table 3+ (20 compounds)[2]	**210**	**530**	**200**	**160**	**150**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2021	Q2 2021	Q2 2021	Q2 2021	Q2 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-050321	CFR-TARHEEL-24-050621	CFR-TARHEEL-24-051021	CFR-TARHEEL-24-051021-D	CFR-TARHEEL-24-051221
Sample Date	05/03/21	05/06/21	05/10/21	05/10/21	05/12/21
Sample Type	Composite	Grab	Composite	Composite	Composite
Sample Start Date and Time	05/03/21 12:00 AM	-	05/10/21 12:00 AM	05/10/21 12:00 AM	05/12/21 12:00 AM
Sample Stop Date and Time	05/03/21 11:00 PM	-	05/10/21 11:00 PM	05/10/21 11:00 PM	05/12/21 11:00 PM
Composite Duration (hours)	24	-	24	24	24
QA/QC				Field Duplicate	
Sample Matrix					
Sample Delivery Group (SDG)	320-73801-1	320-73801-1	320-73801-1	320-73801-1	320-73801-1
Lab Sample ID	320-73801-1	320-73801-2	320-73801-3	320-73801-4	320-73801-5
Table 3+ SOP (ng/L)					
HFPO-DA	**14 J**	**15 J**	**11**	**12**	**12**
PFMOAA	**49 J**	**57 J**	**32 J**	**32 J**	**40 J**
PFO2HxA	**14 J**	**17 J**	**9.8 J**	**9.9**	**11**
PFO3OA	**3.5 J**	**3.1 J**	**2.3 J**	**2.2**	**2.7**
PFO4DA	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
PFO5DA	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
PMPA	**22 J**	**35 J**	**26 J**	**26 J**	**23 J**
PEPA	<20 UJ	<20 UJ	<20 UJ	<20	<20
PS Acid	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
R-PSDA	**18 J**	**17 J**	**18 J**	**20**	**15**
Hydrolyzed PSDA	**18 J**	**20 J**	**14 J**	**15**	**17**
R-PSDCA	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
NVHOS	**11 J**	**5.8 J**	**8.2**	**7.6**	**5.4**
EVE Acid	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
R-EVE	**4.5 J**	**3.9 J**	**3.1 J**	**2.9**	**3.9**
PES	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
PFECA B	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
PFECA-G	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.5 J**	**5.2 J**	**5.9**	**5.2**	**6.0**
Total Attachment C[1,2]	**100**	**130**	**81**	**82**	**89**
Total Table 3+ (17 compounds)[2,3]	**110**	**130**	**89**	**90**	**94**
Total Table 3+ (20 compounds)[2]	**150**	**170**	**120**	**130**	**130**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2021	Q2 2021	Q2 2021	Q2 2021	Q2 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL[8]
Field Sample ID	CFR-TARHEEL-24-051721	CFR-TARHEEL-24-052021	CFR-TARHEEL-24-052421	CAP0521-CFR-TARHEEL-052621	CAP0521-CFR-TARHEEL-052621
Sample Date	05/17/21	05/20/21	05/24/21	05/26/21	05/26/21
Sample Type	Composite	Composite	Composite	Grab	Grab
Sample Start Date and Time	05/17/21 12:00 AM	05/20/21 12:00 AM	05/24/21 12:00 AM	-	-
Sample Stop Date and Time	05/17/21 11:00 PM	05/20/21 11:00 PM	05/24/21 11:00 PM	-	-
Composite Duration (hours)	24	24	24	-	-
QA/QC					
Sample Matrix					
Sample Delivery Group (SDG)	320-74299-1	320-74299-1	320-74558-1	320-74300-1	320-74300-2
Lab Sample ID	320-74299-1	320-74299-2	320-74558-1	320-74300-1	320-74300-1
Table 3+ SOP (ng/L)					
HFPO-DA	**13 J**	**22 J**	**21**	**18**	**17 J**
PFMOAA	**37 J**	**45 J**	**66**	**51**	**23 J**
PFO2HxA	**15 J**	**18 J**	**25**	**21**	**16 J**
PFO3OA	**4.0 J**	**3.6 J**	**5.6**	**5.9**	**4.0 J**
PFO4DA	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0 UJ
PFO5DA	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0 UJ
PMPA	**38 J**	**36 J**	**34**	**24 B**	**31 BJ**
PEPA	<20 UJ	<20 UJ	<20	**5.1**	<20 UJ
PS Acid	<2.0 UJ	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ
Hydro-PS Acid	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0 UJ
R-PSDA	**11 J**	**14 J**	**12**	**62 J**	<2.0 UJ
Hydrolyzed PSDA	**19 J**	**20 J**	**23**	**12 J**	<2.0 UJ
R-PSDCA	<2.0 UJ	<2.0 UJ	<2.0	<3.0 UJ	<2.0 UJ
NVHOS	**4.5 J**	**4.6 J**	**4.1**	**5.1**	**4.4 J**
EVE Acid	<2.0 UJ	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ
Hydro-EVE Acid	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0 UJ
R-EVE	**2.7 J**	**3.3 J**	**3.6**	**5.0**	<2.0 UJ
PES	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0 UJ
PFECA B	<2.0 UJ	<2.0 UJ	<2.0	<2.0	<2.0 UJ
PFECA-G	<2.0 UJ	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ
Perfluoroheptanoic Acid	**6.6 J**	**5.2 J**	**6.0**	**4.8**	**4.9 J**
Total Attachment C[1,2]	**110**	**120**	**150**	**130**	**91**
Total Table 3+ (17 compounds)[2,3]	**110**	**130**	**160**	**130**	**95**
Total Table 3+ (20 compounds)[2]	**140**	**170**	**190**	**210**	**95**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2021	Q2 2021	Q2 2021	Q2 2021	Q2 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CAP0521-CFR-TARHEEL-24-052721	CFR-TARHEEL-24-052721	CFR-TARHEEL-24-060221	CFR-TARHEEL-24-060321	CFR-TARHEEL-24-060721
Sample Date	05/27/21	05/27/21	06/02/21	06/03/21	06/07/21
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	05/27/21 12:00 AM	05/27/21 12:00 AM	06/02/21 12:00 AM	06/03/21 12:00 AM	06/07/21 12:00 AM
Sample Stop Date and Time	05/27/21 11:00 PM	05/27/21 11:00 PM	06/02/21 11:00 PM	06/03/21 11:00 PM	06/07/21 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix					
Sample Delivery Group (SDG)	320-74588-1	320-74558-1	320-74900-1	320-74900-1	320-75079-1
Lab Sample ID	320-74588-1	320-74558-2	320-74900-1	320-74900-2	320-75079-1
Table 3+ SOP (ng/L)					
HFPO-DA	**21**	**20**	**18**	**92**	**11**
PFMOAA	**60**	**64**	**49**	**76**	**26**
PFO2HxA	**23**	**21**	**20**	**38**	**14**
PFO3OA	**5.6**	**4.4**	**4.4**	**11**	**3.8**
PFO4DA	<2.0	<2.0	<2.0	**4.5**	<2.0
PFO5DA	<2.0	<2.0	<2.0	**3.1**	<2.0
PMPA	**33 B**	**49**	**37**	**52**	**26 J**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	**6.2**	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	**3.6**	<2.0
R-PSDA	**16**	**11**	**11**	**29**	**15 J**
Hydrolyzed PSDA	**23**	**20**	**19**	**50**	**14 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**5.5**	**5.7**	**3.8**	**6.3**	**5.9**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	**4.1**	**3.8**	**4.7 J**	**9.8**	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**5.7**	**6.5**	**6.2 J**	**6.1**	**6.7**
Total Attachment C[1,2]	**140**	**160**	**130**	**290**	**81**
Total Table 3+ (17 compounds)[2,3]	**150**	**160**	**130**	**290**	**87**
Total Table 3+ (20 compounds)[2]	**190**	**200**	**170**	**380**	**120**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2021	Q2 2021	Q2 2021	Q2 2021	Q2 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-060721-D	CFR-TARHEEL-24-061221	CAP0621-CFR-TARHEEL-061521	CFR-TARHEEL-24-061521	CAP0621-CFR-TARHEEL-24-061621
Sample Date	06/07/21	06/12/21	06/15/21	06/15/21	06/16/21
Sample Type	Composite	Composite	Grab	Composite	Composite
Sample Start Date and Time	06/07/21 12:00 AM	06/12/21 12:00 AM	-	06/15/21 12:00 AM	06/16/21 12:00 AM
Sample Stop Date and Time	06/07/21 11:00 PM	06/12/21 11:00 PM	-	06/15/21 11:00 PM	06/16/21 11:00 PM
Composite Duration (hours)	24	24	-	24	24
QA/QC	Field Duplicate				
Sample Matrix					
Sample Delivery Group (SDG)	320-75079-1	320-75079-1	320-75249-1	320-75724-1	320-75253-1
Lab Sample ID	320-75079-2	320-75079-3	320-75249-3	320-75724-1	320-75253-2
Table 3+ SOP (ng/L)					
HFPO-DA	**11**	**36**	**7.2**	**7.1**	**6.6**
PFMOAA	**23**	**59**	**13**	**17**	**15**
PFO2HxA	**13**	**30**	**8.2**	**8.7**	**10**
PFO3OA	**3.2**	**8.7**	<2.0	**2.0**	**2.1**
PFO4DA	<2.0	**2.9**	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**24 J**	**35**	**22**	**24**	**21**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	**2.3**	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	**2.3**	<2.0	<2.0	<2.0
R-PSDA	<2.0	**22**	<2.0	<2.0	<2.0
Hydrolyzed PSDA	**12**	**25**	<2.0	**6.3**	**5.0**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**5.6**	**3.6**	<2.0	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	**6.6**	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**5.3**	**7.0**	**4.3**	**4.8**	**3.4**
Total Attachment C[1,2]	**74**	**180**	**50**	**59**	**55**
Total Table 3+ (17 compounds)[2,3]	**80**	**180**	**50**	**59**	**55**
Total Table 3+ (20 compounds)[2]	**92**	**230**	**50**	**65**	**60**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2021	Q2 2021	Q2 2021	Q2 2021	Q3 2021
Location ID	**CFR-TARHEEL**	**CFR-TARHEEL**	**CFR-TARHEEL**	**CFR-TARHEEL**	**CFR-TARHEEL**
Field Sample ID	**CFR-TARHEEL-24-061721**	**CFR-TARHEEL-24-062221**	**CFR-TARHEEL-24-062421**	**CFR-TARHEEL-24-070121**	**CFR-TARHEEL-24-070221**
Sample Date	**06/17/21**	**06/22/21**	**06/24/21**	**07/01/21**	**07/02/21**
Sample Type	**Composite**	**Composite**	**Composite**	**Composite**	**Composite**
Sample Start Date and Time	**06/17/21 12:00 AM**	**06/22/21 12:00 AM**	**06/24/21 12:00 AM**	**07/01/21 12:00 AM**	**07/02/21 12:00 AM**
Sample Stop Date and Time	**06/17/21 11:00 PM**	**06/22/21 11:00 PM**	**06/24/21 11:00 PM**	**07/01/21 11:00 PM**	**07/02/21 11:00 PM**
Composite Duration (hours)	**24**	**24**	**24**	**24**	**24**
QA/QC					
Sample Matrix					**Liquid**
Sample Delivery Group (SDG)	**320-75724-1**	**320-75724-1**	**320-75724-1**	**320-76118-1**	**320-76118-1**
Lab Sample ID	**320-75724-2**	**320-75724-3**	**320-75724-4**	**320-76118-1**	**320-76118-2**
Table 3+ SOP (ng/L)					
HFPO-DA	**8.8**	**12**	**10**	**12**	**13**
PFMOAA	**12**	**17**	**27**	**24**	**27**
PFO2HxA	**7.9**	**12**	**10**	**14**	**17**
PFO3OA	**2.0**	**3.0**	**2.8**	**3.5**	**4.3**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**26**	**33**	**29**	**28**	**22**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	**19**	<2.0	<2.0
Hydrolyzed PSDA	**5.2**	<2.0	**12**	**5.9**	**8.2 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0	**8.1**	**5.5**	**4.6**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	**4.0**	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.3**	**5.1**	**6.1**	**4.1**	**4.1**
Total Attachment C[1,2]	**57**	**77**	**79**	**82**	**83**
Total Table 3+ (17 compounds)[2,3]	**57**	**77**	**87**	**87**	**88**
Total Table 3+ (20 compounds)[2]	**62**	**77**	**120**	**93**	**96**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2021	Q3 2021	Q3 2021	Q3 2021	Q3 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-070721	CFR-TARHEEL-24-070821	CFR-TARHEEL-24-071221	CFR-TARHEEL-24-071221-D	CFR-TARHEEL-24-071521
Sample Date	07/07/21	07/08/21	07/12/21	07/12/21	07/15/21
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	07/07/21 12:00 AM	07/08/21 12:00 AM	07/12/21 12:00 AM	07/12/21 12:00 AM	07/15/21 12:00 AM
Sample Stop Date and Time	07/07/21 11:00 PM	07/08/21 11:00 PM	07/12/21 11:00 PM	07/12/21 11:00 PM	07/15/21 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC				Field Duplicate	
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-76118-1	320-76118-1	320-76577-1	320-76577-1	320-76577-1
Lab Sample ID	320-76118-3	320-76118-4	320-76577-1	320-76577-2	320-76577-3
Table 3+ SOP (ng/L)					
HFPO-DA	**10**	**18**	**5.0**	**4.3**	**6.7**
PFMOAA	**31**	**29**	**6.9 J**	**3.8 J**	**11**
PFO2HxA	**13**	**18**	**5.0**	**4.8**	**6.4**
PFO3OA	**2.9**	**4.5**	<2.0	<2.0	**2.1**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**15**	**36**	**20 J**	**32 J**	**31 J**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	**19 J**	<2.0	<2.0	**6.8 J**	<2.0
Hydrolyzed PSDA	**13 J**	**5.3 J**	**6.7 J**	**5.7 J**	**4.8 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**8.2**	**5.8**	<2.0	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	**2.9 J**	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.0**	**3.8**	**6.0**	**4.7**	**6.5**
Total Attachment C[1,2]	**72**	**110**	**37**	**45**	**57**
Total Table 3+ (17 compounds)[2,3]	**80**	**110**	**37**	**45**	**57**
Total Table 3+ (20 compounds)[2]	**120**	**120**	**44**	**57**	**62**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2021	Q3 2021	Q3 2021	Q3 2021	Q3 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-071921	CFR-TARHEEL-24-072221	CFR-TARHEEL-24-072621	CAP0721-CFR-TARHEEL-072821	CAP0721-CFR-TARHEEL-24-072821
Sample Date	07/19/21	07/22/21	07/26/21	07/28/21	07/28/21
Sample Type	Composite	Composite	Composite	Grab	Composite
Sample Start Date and Time	07/19/21 12:00 AM	07/22/21 12:00 AM	07/26/21 12:00 AM	-	07/28/21 12:00 AM
Sample Stop Date and Time	07/19/21 11:00 PM	07/22/21 11:00 PM	07/26/21 11:00 PM	-	07/28/21 11:00 PM
Composite Duration (hours)	24	24	24	-	24
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid		
Sample Delivery Group (SDG)	320-77018-1	320-77018-1	320-77146-1	320-76991-1	320-77167-1
Lab Sample ID	320-77018-1	320-77018-2	320-77146-1	320-76991-5	320-77167-1
Table 3+ SOP (ng/L)					
HFPO-DA	**12**	**11**	**12**	**5.5**	**9.3**
PFMOAA	**12**	**8.2**	**11**	**5.0**	**8.8**
PFO2HxA	**12**	**10**	**11**	**6.5**	**8.9**
PFO3OA	**3.2**	**2.4**	**3.0**	<2.0	**2.5**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**22 J**	**19 J**	**28**	**29**	**30**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	**10 J**	**11 J**	<2.0	<2.0	**9.0 J**
Hydrolyzed PSDA	**13 J**	**7.3 J**	**2.2 J**	**3.3 J**	**4.8 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**3.9**	<2.0	<2.0	**4.2**	**5.5**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	**2.9 J**	**3.5 J**	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**5.6**	**4.1**	**5.2**	**4.8**	**4.3**
Total Attachment C[1,2]	**61**	**51**	**65**	**46**	**60**
Total Table 3+ (17 compounds)[2,3]	**65**	**51**	**65**	**50**	**65**
Total Table 3+ (20 compounds)[2]	**91**	**72**	**67**	**54**	**79**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2021	Q3 2021	Q3 2021	Q3 2021	Q3 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-072921	CFR-TARHEEL-24-080221	CFR-TARHEEL-24-080521	CFR-TARHEEL-24-081221	CFR-TARHEEL-24-081221-DUP
Sample Date	07/29/21	08/02/21	08/05/21	08/12/21	08/12/21
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	07/29/21 12:00 AM	08/02/21 12:00 AM	08/05/21 12:00 AM	08/12/21 12:00 AM	08/12/21 12:00 AM
Sample Stop Date and Time	07/29/21 11:00 PM	08/02/21 11:00 PM	08/05/21 11:00 PM	08/12/21 11:00 PM	08/12/21 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					Field Duplicate
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-77146-1	320-77601-1	320-77601-1	320-77901-1	320-77901-1
Lab Sample ID	320-77146-2	320-77601-1	320-77601-2	320-77901-1	320-77901-2
Table 3+ SOP (ng/L)					
HFPO-DA	**8.1**	**16**	**20**	**15**	**14**
PFMOAA	**8.6**	**27**	**32**	**15 J**	**15**
PFO2HxA	**8.8**	**18**	**25**	**17**	**17**
PFO3OA	<2.0	**4.0**	**5.8**	**3.9**	**3.7**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**26**	**37**	**39**	**42**	**40**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	**7.0 J**	**20 J**	**29 J**	**8.1 J**	**7.4 J**
Hydrolyzed PSDA	**3.9 J**	**14 J**	**20 J**	**4.6 J**	**4.1 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**4.7**	**5.5**	**7.6**	**8.4**	**8.8**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	**2.2 J**	**5.0 J**	**7.4 J**	**2.0 J**	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.6**	**3.6**	**3.8**	**4.2**	**4.3**
Total Attachment C[1,2]	**52**	**100**	**120**	**93**	**90**
Total Table 3+ (17 compounds)[2,3]	**56**	**110**	**130**	**100**	**99**
Total Table 3+ (20 compounds)[2]	**69**	**150**	**190**	**120**	**110**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2021	Q3 2021	Q3 2021	Q3 2021	Q3 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL[9]
Field Sample ID	CFR-TARHEEL-24-081321	CFR-TARHEEL-24-081621	CFR-TARHEEL-24-081921	CAP0821-CFR-TARHEEL-081921	CAP0821-CFR-TARHEEL-081921
Sample Date	08/13/21	08/16/21	08/19/21	08/19/21	08/19/21
Sample Type	Composite	Composite	Composite	Grab	Grab
Sample Start Date and Time	08/13/21 12:00 AM	08/16/21 12:00 AM	08/19/21 12:00 AM	-	-
Sample Stop Date and Time	08/13/21 11:00 PM	08/16/21 11:00 PM	08/19/21 11:00 PM	-	-
Composite Duration (hours)	24	24	24	-	-
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid		
Sample Delivery Group (SDG)	320-77901-1	320-78259-1	320-78259-1	320-78260-1	320-78260-2
Lab Sample ID	320-77901-3	320-78259-1	320-78259-2	320-78260-5	320-78260-5
Table 3+ SOP (ng/L)					
HFPO-DA	**14**	**13**	**13**	**14**	**15 J**
PFMOAA	**14**	**24**	**25**	**26**	**28 J**
PFO2HxA	**15**	**16**	**15**	**17**	**17 J**
PFO3OA	**3.0**	**4.0**	**3.3**	**4.1**	**4.3 J**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
PMPA	**34**	**18**	**18**	**17**	**18 J**
PEPA	<20	<20	<20	<20	<20 UJ
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
R-PSDA	**11 J**	**8.5 J**	**17 J**	**18 J**	**6.2 J**
Hydrolyzed PSDA	**3.4 J**	**11 J**	**19 J**	**23 J**	**11 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
NVHOS	**10**	**3.3**	**7.2**	**7.0**	**6.8 J**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
R-EVE	<2.0	**2.3 J**	**3.0 J**	**3.8 J**	<2.0 UJ
PES	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluoroheptanoic Acid	**3.9**	**3.4**	**3.5**	**4**	**4.2 J**
Total Attachment C[1,2]	**80**	**75**	**74**	**78**	**82**
Total Table 3+ (17 compounds)[2,3]	**90**	**78**	**82**	**85**	**89**
Total Table 3+ (20 compounds)[2]	**100**	**100**	**120**	**130**	**110**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2021	Q3 2021	Q3 2021	Q3 2021	Q3 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL[9]	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CAP0821-CFR-TARHEEL-24-082021	CAP0821-CFR-TARHEEL-24-082021	CFR-TARHEEL-24-082321	CFR-TARHEEL-24-082621	CFR-TARHEEL-24-082921
Sample Date	08/20/21	08/20/21	08/23/21	08/26/21	08/29/21
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	08/20/21 12:00 AM	08/20/21 12:00 AM	08/23/21 12:00 AM	08/26/21 12:00 AM	08/29/21 12:00 AM
Sample Stop Date and Time	08/20/21 11:00 PM	08/20/21 11:00 PM	08/23/21 11:00 PM	08/26/21 11:00 PM	08/29/21 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix			Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-78262-1	320-78262-2	320-78429-1	320-78429-1	320-78771-1
Lab Sample ID	320-78262-1	320-78262-1	320-78429-1	320-78429-2	320-78771-1
Table 3+ SOP (ng/L)					
HFPO-DA	**2.2**	**13 J**	**5.5**	**6.2**	**11**
PFMOAA	<2.0	**22 J**	**6.0**	**7.9**	**5.6**
PFO2HxA	**2.6**	**14 J**	**7.0**	**9.2**	**12**
PFO3OA	<2.0	**2.7 J**	<2.0	<2.0	**2.8**
PFO4DA	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
PMPA	<10	**15 J**	**18**	**24**	**12**
PEPA	<20	<20 UJ	<20	<20	<20
PS Acid	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
R-PSDA	**18 J**	<2.0 UJ	<2.0	<2.0	**6.1 J**
Hydrolyzed PSDA	**3.6 J**	<2.0 UJ	**4.0 J**	**6.1 J**	**4.6 J**
R-PSDCA	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
NVHOS	**7.5**	<2.0 UJ	**3.8**	**2.9**	**2.5**
EVE Acid	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
R-EVE	**2.3 J**	<2.0 UJ	<2.0	<2.0	<2.0
PES	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4**	**3.5 J**	**5.2**	**5.4**	**4.6**
Total Attachment C[1,2]	**4.8**	**67**	**37**	**47**	**43**
Total Table 3+ (17 compounds)[2,3]	**12**	**67**	**40**	**50**	**46**
Total Table 3+ (20 compounds)[2]	**36**	**67**	**44**	**56**	**57**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2021	Q3 2021	Q3 2021	Q3 2021	Q3 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-090221	CFR-TARHEEL-24-090621	CFR-TARHEEL-24-090921	CFR-TARHEEL-24-091321	CFR-TARHEEL-24-091321-D
Sample Date	09/02/21	09/06/21	09/09/21	09/13/21	09/13/21
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	09/02/21 12:00 AM	09/06/21 12:00 AM	09/09/21 12:00 AM	09/13/21 12:00 AM	09/13/21 12:00 AM
Sample Stop Date and Time	09/02/21 11:00 PM	09/06/21 11:00 PM	09/09/21 11:00 PM	09/13/21 11:00 PM	09/13/21 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					Field Duplicate
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-78771-1	320-78868-1	320-78868-1	320-79407-1	320-79407-1
Lab Sample ID	320-78771-2	320-78868-1	320-78868-2	320-79407-1	320-79407-2
Table 3+ SOP (ng/L)					
HFPO-DA	**15**	**15**	**17**	**8.8**	**9.5**
PFMOAA	**7.7**	**17**	**16**	**25**	**25**
PFO2HxA	**16**	**20**	**20**	**12**	**12**
PFO3OA	**3.6**	**4.9**	**4.3**	**2.8**	**2.5**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**11**	**15**	**12**	**17**	**16**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	**5.5 J**	<2.0	<2.0	**9.4 J**	**12 J**
Hydrolyzed PSDA	**5.6 J**	**5.9 J**	**5.1 J**	**8.3 J**	**8.9 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**3.2**	**6.2**	**6.6**	**11**	**11**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	**2.7 J**	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.5**	**4.5**	**4.7**	**5.4**	**5.2**
Total Attachment C[1,2]	**53**	**72**	**69**	**66**	**65**
Total Table 3+ (17 compounds)[2,3]	**57**	**78**	**76**	**77**	**76**
Total Table 3+ (20 compounds)[2]	**68**	**84**	**81**	**97**	**97**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2021	Q3 2021	Q3 2021	Q3 2021	Q3 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CAP0921-CFR-TARHEEL-091521	CAP0921-CFR-TARHEEL-24-091521	CFR-TARHEEL-24-091621	CFR-TARHEEL-24-092021	CFR-TARHEEL-24-092121
Sample Date	09/15/21	09/15/21	09/16/21	09/20/21	09/21/21
Sample Type	Grab	Composite	Composite	Composite	Composite
Sample Start Date and Time	-	09/15/21 12:00 AM	09/16/21 12:00 AM	09/20/21 12:00 AM	09/21/21 12:00 AM
Sample Stop Date and Time	-	09/15/21 11:00 PM	09/16/21 11:00 PM	09/20/21 11:00 PM	09/21/21 11:00 PM
Composite Duration (hours)	-	24	24	24	24
QA/QC					
Sample Matrix			Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-79067-1	320-79449-1	320-79407-1	320-79516-1	320-79516-1
Lab Sample ID	320-79067-4	320-79449-1	320-79407-3	320-79516-1	320-79516-2
Table 3+ SOP (ng/L)					
HFPO-DA	**14**	**13**	**13**	**14**	**14**
PFMOAA	**39**	**37**	**41**	**34**	**33**
PFO2HxA	**21**	**18**	**18**	**16**	**16**
PFO3OA	**5.1**	**4.3**	**4.4**	**3.3**	**3.6**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**24**	**21**	**20**	**15**	**16**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	**8.8 J**	**11 J**	**13 J**	**6.2 J**	**4.2 J**
Hydrolyzed PSDA	**11 J**	**12 J**	**13 J**	**6.4 J**	**6.1 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**9.3**	**10**	**12**	**4.8**	**4.5**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	**3.0 J**	**2.5 J**	**2.6 J**	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**5.6**	**5.2**	**5.4**	**7.0**	**6.3**
Total Attachment C[1,2]	**100**	**93**	**96**	**82**	**83**
Total Table 3+ (17 compounds)[2,3]	**110**	**100**	**110**	**87**	**87**
Total Table 3+ (20 compounds)[2]	**140**	**130**	**140**	**100**	**97**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2021	Q3 2021	Q4 2021	Q4 2021	Q4 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-092721	CFR-TARHEEL-24-093021	CFR-TARHEEL-24-100421	CFR-TARHEEL-24-100721	CFR-TARHEEL-24-101121
Sample Date	09/27/21	09/30/21	10/04/21	10/07/21	10/11/21
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	09/27/21 12:00 AM	09/30/21 12:00 AM	10/04/21 12:00 AM	10/07/21 12:00 AM	10/11/21 12:00 AM
Sample Stop Date and Time	09/27/21 11:00 PM	09/30/21 11:00 PM	10/04/21 11:00 PM	10/07/21 11:00 PM	10/11/21 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-80088-1	320-80088-1	320-80341-1	320-80341-1	320-80531-1
Lab Sample ID	320-80088-1	320-80088-2	320-80341-1	320-80341-2	320-80531-1
Table 3+ SOP (ng/L)					
HFPO-DA	**6.7**	**13**	**13**	**14**	**3.6**
PFMOAA	**21**	**39**	**31**	**31**	**9.4**
PFO2HxA	**7.1**	**15**	**16**	**16**	**4.8**
PFO3OA	<2.0	**3.3**	**3.6**	**4.0**	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**13**	**18**	**16**	**14**	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	**7.3 J**	**6.4 J**	**4.3 J**	**7.8 J**	**7.1 J**
Hydrolyzed PSDA	**6.4 J**	**12 J**	**6.1 J**	**11 J**	**4.6 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	**2.5**	**3.0**	**6.0**	**5.7**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	**2.1 J**	<2.0	**2.3 J**	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0	**2.3**	**2.9**	**3.5**	**5.1**
Total Attachment C[1,2]	**48**	**88**	**80**	**79**	**18**
Total Table 3+ (17 compounds)[2,3]	**48**	**91**	**83**	**85**	**24**
Total Table 3+ (20 compounds)[2]	**62**	**110**	**93**	**110**	**35**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2021	Q4 2021	Q4 2021	Q4 2021	Q4 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-101121-D	CFR-TARHEEL-24-101521	CFR-TARHEEL-24-101821	CFR-TARHEEL-24-102121	CFR-TARHEEL-24-102521
Sample Date	10/11/21	10/15/21	10/18/21	10/21/21	10/25/21
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	10/11/21 12:00 AM	10/15/21 12:00 AM	10/18/21 12:00 AM	10/21/21 12:00 AM	10/25/21 12:00 AM
Sample Stop Date and Time	10/11/21 11:00 PM	10/15/21 11:00 PM	10/18/21 11:00 PM	10/21/21 11:00 PM	10/25/21 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC	Field Duplicate				
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-80531-1	320-80531-1	320-81068-1	320-81068-1	320-81213-1
Lab Sample ID	320-80531-2	320-80531-3	320-81068-1	320-81068-2	320-81213-1
Table 3+ SOP (ng/L)					
HFPO-DA	**3.1**	**7.8**	**12**	**13**	**14**
PFMOAA	**10**	**21**	**22**	**30**	**21**
PFO2HxA	**4.5**	**9.5**	**15**	**17**	**16**
PFO3OA	<2.0	**2.4**	**3.5**	**4.1**	**3.7**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	**10**	**19**	**23**	**26**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	**11 J**	<2.0
Hydrolyzed PSDA	**5.1 J**	**5.3 J**	**7.6 J**	**12 J**	**8.5 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**5.7**	<2.0	**2.9**	**5.8**	**7.4**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	**3.0 J**	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**5.2**	**2.6**	**2.7**	**2.8**	**3.7**
Total Attachment C[1,2]	**18**	**51**	**72**	**87**	**81**
Total Table 3+ (17 compounds)[2,3]	**23**	**51**	**74**	**93**	**88**
Total Table 3+ (20 compounds)[2]	**28**	**56**	**82**	**120**	**97**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2021	Q4 2021	Q4 2021	Q4 2021	Q4 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-102821	CFR-TARHEEL-24-110121	CFR-TARHEEL-24-110421	CFR-TARHEEL-24-110821	CFR-TARHEEL-24-110821-D
Sample Date	10/28/21	11/01/21	11/04/21	11/08/21	11/08/21
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	10/28/21 12:00 AM	11/01/21 12:00 AM	11/04/21 12:00 AM	11/08/21 12:00 AM	11/08/21 12:00 AM
Sample Stop Date and Time	10/28/21 11:00 PM	11/01/21 11:00 PM	11/04/21 11:00 PM	11/08/21 11:00 PM	11/08/21 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					Field Duplicate
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-81213-1	320-81550-1	320-81550-1	320-81858-1	320-81858-1
Lab Sample ID	320-81213-2	320-81550-1	320-81550-2	320-81858-1	320-81858-2
Table 3+ SOP (ng/L)					
HFPO-DA	**12**	**13**	**12**	**14**	**15**
PFMOAA	**23**	**20**	**21**	**23 J**	**19**
PFO2HxA	**11**	**13**	**14**	**15**	**15**
PFO3OA	**3.5**	**3.5**	**3.4**	**4.1**	**4.3**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**22**	**22**	**22**	**21**	**21**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	**9.8 J**	**7.6 J**
Hydrolyzed PSDA	**8.1 J**	**12 J**	**11 J**	**8.3 J**	**8.2 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**6.1**	**5.4**	**6.1**	**6.9**	**6.9**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	**3.4 J**	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.9**	**4.8**	**5.9**	**4.9**	**4.5**
Total Attachment C[1,2]	**72**	**72**	**72**	**77**	**74**
Total Table 3+ (17 compounds)[2,3]	**78**	**77**	**79**	**84**	**81**
Total Table 3+ (20 compounds)[2]	**86**	**89**	**90**	**110**	**97**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2021	Q4 2021	Q4 2021	Q4 2021	Q4 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-111121	CFR-TARHEEL-24-111521	CFR-TARHEEL-24-111821	CFR-TARHEEL-24-112221	CFR-TARHEEL-24-112521
Sample Date	11/11/21	11/15/21	11/18/21	11/22/21	11/25/21
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	11/11/21 12:00 AM	11/15/21 12:00 AM	11/18/21 12:00 AM	11/22/21 12:00 AM	11/25/21 12:00 AM
Sample Stop Date and Time	11/11/21 11:00 PM	11/15/21 11:00 PM	11/18/21 11:00 PM	11/22/21 11:00 PM	11/25/21 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-81858-1	320-82176-1	320-82176-1	320-82423-1	320-82422-1
Lab Sample ID	320-81858-3	320-82176-1	320-82176-2	320-82423-1	320-82422-1
Table 3+ SOP (ng/L)					
HFPO-DA	**13**	**11**	**20**	**13**	**12**
PFMOAA	**19**	**20**	**22**	**14**	**16**
PFO2HxA	**14**	**14**	**19**	**14**	**15**
PFO3OA	**3.5**	**3.8**	**4.2**	**3.5**	**3.3**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**29**	**19**	**29**	**17**	**15**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	**14 J**	**12 J**	<2.0	**5.7 J**
Hydrolyzed PSDA	**7.5 J**	**10 J**	**11 J**	**5.8 J**	**6.8 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**6.5**	**8.7**	**7.4**	**6.1**	**6.6**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.8**	**5.8**	**5.8**	**5.0**	**5.1**
Total Attachment C[1,2]	**79**	**68**	**94**	**62**	**61**
Total Table 3+ (17 compounds)[2,3]	**85**	**77**	**100**	**68**	**68**
Total Table 3+ (20 compounds)[2]	**93**	**100**	**120**	**73**	**80**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2021	Q4 2021	Q4 2021	Q4 2021	Q4 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-112921	CFR-TARHEEL-24-120221	CFR-TARHEEL-24-120621	CFR-TARHEEL-24-120921	CFR-TARHEEL-24-121321
Sample Date	11/29/21	12/02/21	12/06/21	12/09/21	12/13/21
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	11/29/21 12:00 AM	12/02/21 12:00 AM	12/06/21 12:00 AM	12/09/21 12:00 AM	12/13/21 12:00 AM
Sample Stop Date and Time	11/29/21 11:00 PM	12/02/21 11:00 PM	12/06/21 11:00 PM	12/09/21 11:00 PM	12/13/21 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-82422-1	320-82937-1	320-82937-1	320-82937-1	320-83383-1
Lab Sample ID	320-82422-2	320-82937-1	320-82937-2	320-82937-3	320-83383-1
Table 3+ SOP (ng/L)					
HFPO-DA	**13**	**4.5 J**	**6.0 J**	**30 J**	<2.0 UJ
PFMOAA	**14**	**27 J**	**26 J**	**37 J**	**6.4 J**
PFO2HxA	**13**	**16 J**	**15 J**	**22 J**	**8.2 J**
PFO3OA	**3.4**	**4.1 J**	**4.1 J**	**7.0 J**	<2.0 UJ
PFO4DA	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ
PFO5DA	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ
PMPA	**13**	**13 J**	**13 J**	**20 J**	<10 UJ
PEPA	<20	<20 UJ	<20 UJ	<20 UJ	<20 UJ
PS Acid	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ
Hydro-PS Acid	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ
R-PSDA	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ
Hydrolyzed PSDA	**5.6 J**	**6.6 J**	**7.1 J**	**13 J**	<2.0 UJ
R-PSDCA	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ
NVHOS	**5.7**	<2.0 UJ	<2.0 UJ	<2.0 UJ	**5.2 J**
EVE Acid	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ
Hydro-EVE Acid	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ
R-EVE	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ
PES	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ
PFECA B	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ
PFECA-G	<2.0	<2.0 UJ	<2.0 UJ	<2.0 UJ	<2.0 UJ
Perfluoroheptanoic Acid	**5.1**	**4.9 J**	**4.7 J**	**4.4 J**	**2.6 J**
Total Attachment C[1,2]	**56**	**65**	**64**	**120**	**15**
Total Table 3+ (17 compounds)[2,3]	**62**	**65**	**64**	**120**	**20**
Total Table 3+ (20 compounds)[2]	**68**	**71**	**71**	**130**	**20**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2021	Q4 2021	Q4 2021	Q4 2021	Q4 2021
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-121621	CFR-TARHEEL-24-122021	CFR-TARHEEL-24-122321	CFR-TARHEEL-24-122721	CFR-TARHEEL-24-123021
Sample Date	12/16/21	12/20/21	12/23/21	12/27/21	12/30/21
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	12/16/21 12:00 AM	12/20/21 12:00 AM	12/23/21 12:00 AM	12/27/21 12:00 AM	12/30/21 12:00 AM
Sample Stop Date and Time	12/16/21 11:00 PM	12/20/21 11:00 PM	12/23/21 11:00 PM	12/27/21 11:00 PM	12/30/21 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-83383-1	320-83491-1	320-83491-1	320-83591-1	320-83591-1
Lab Sample ID	320-83383-2	320-83491-1	320-83491-2	320-83591-1	320-83591-2
Table 3+ SOP (ng/L)					
HFPO-DA	**6.5 J**	**14**	**7.7**	**12**	**12**
PFMOAA	**31 J**	**32**	**18**	**28**	**29**
PFO2HxA	**15 J**	**17**	**10**	**14**	**14**
PFO3OA	**3.6 J**	**4.8**	<2.0	**3.9**	**2.9**
PFO4DA	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PMPA	<10 UJ	**17**	**11**	**12**	**15**
PEPA	<20 UJ	<20	<20	<20	<20
PS Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0 UJ	**11 J**	**14 J**	**5.9 J**	**4.9 J**
Hydrolyzed PSDA	<2.0 UJ	**6.2 J**	**6.5 J**	**8.9 J**	**5.7 J**
R-PSDCA	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
NVHOS	**12 J**	**8.8**	**11**	**4.2**	**3.5**
EVE Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0 UJ	**2.4 J**	**2.0 J**	<2.0	<2.0
PES	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**5.2 J**	**5.0**	**4.8**	**4.4**	**4.3**
Total Attachment C[1,2]	**56**	**85**	**47**	**70**	**73**
Total Table 3+ (17 compounds)[2,3]	**68**	**94**	**58**	**74**	**76**
Total Table 3+ (20 compounds)[2]	**68**	**110**	**80**	**89**	**87**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2022	Q1 2022	Q1 2022	Q1 2022	Q1 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-010222	CFR-TARHEEL-24-010322	CFR-TARHEEL-24-011122	CFR-TARHEEL-24-011322	CFR-TARHEEL-24-011922
Sample Date	01/02/22	01/03/22	01/11/22	01/13/22	01/19/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	01/02/22 12:00 AM	01/03/22 12:00 AM	01/11/22 12:00 AM	01/13/22 12:00 AM	01/19/22 12:00 AM
Sample Stop Date and Time	01/02/22 11:00 PM	01/03/22 11:00 PM	01/11/22 11:00 PM	01/13/22 11:00 PM	01/19/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix					
Sample Delivery Group (SDG)	320-83755-1	320-83755-1	320-83911-1	320-83911-1	320-84220-1
Lab Sample ID	320-83755-1	320-83755-2	320-83911-1	320-83911-2	320-84220-1
Table 3+ SOP (ng/L)					
HFPO-DA	**9.3**	**21**	**4.3**	**3.7**	**3.3**
PFMOAA	**16**	**28**	**10**	<2.0	**5.2**
PFO2HxA	**11**	**20**	**5.2**	**4.7**	**3.2**
PFO3OA	**2.7**	**5.3**	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**14**	**21**	<10	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	**6.2 J**	**2.8 J**	**2.0 J**	**3.0 J**
Hydrolyzed PSDA	**3.3 J**	**14 J**	**3.3 J**	**2.2 J**	**2.6 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**3.2**	**4.1**	<2.0	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**3.4**	**3.4**	**3.9**	**4.1**	**4.4**
Total Attachment C[1,2]	**53**	**95**	**20**	**8.4**	**12**
Total Table 3+ (17 compounds)[2,3]	**56**	**99**	**20**	**8.4**	**12**
Total Table 3+ (20 compounds)[2]	**60**	**120**	**26**	**13**	**17**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2022	Q1 2022	Q1 2022	Q1 2022	Q1 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-011922-D	CFR-TARHEEL-15-012022	CFR-TARHEEL-24-012522	CFR-TARHEEL-24-012822	CFR-TARHEEL-24-013122
Sample Date	01/19/22	01/20/22	01/25/22	01/28/22	01/31/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	01/19/22 12:00 AM	01/20/22 12:00 AM	01/25/22 12:00 AM	01/28/22 12:00 AM	01/31/22 12:00 AM
Sample Stop Date and Time	01/19/22 11:00 PM	01/20/22 11:00 PM	01/25/22 11:00 PM	01/28/22 11:00 PM	01/31/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC	Field Duplicate				
Sample Matrix					
Sample Delivery Group (SDG)	320-84220-1	320-84220-1	320-84487-1	320-84487-1	320-84700-1
Lab Sample ID	320-84220-2	320-84220-3	320-84487-1	320-84487-2	320-84700-1
Table 3+ SOP (ng/L)					
HFPO-DA	**3.5**	**2.9**	**4.2**	**4.8**	**6.6**
PFMOAA	**4.9**	**5.1**	<2.0	**8.0**	**13**
PFO2HxA	**4.0**	**3.1**	**3.7**	**5.0**	**7.1**
PFO3OA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	**10**	**13**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	**2.1 J**	**2.8 J**	<2.0	<2.0	<2.0
Hydrolyzed PSDA	<2.0	<2.0	<2.0	<2.0	**2.9 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0	<2.0	<2.0	**2.8**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.0**	**3.6**	**3.8**	**4.0**	**4.7**
Total Attachment C[1,2]	**12**	**11**	**7.9**	**28**	**40**
Total Table 3+ (17 compounds)[2,3]	**12**	**11**	**7.9**	**28**	**43**
Total Table 3+ (20 compounds)[2]	**15**	**14**	**7.9**	**28**	**45**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2022	Q1 2022	Q1 2022	Q1 2022	Q1 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-020322	CFR-TARHEEL-24-020722	CFR-TARHEEL-24-020722-D	CFR-TARHEEL-24-021122	CFR-TARHEEL-24-021422
Sample Date	02/03/22	02/07/22	02/07/22	02/11/22	02/14/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	02/03/22 12:00 AM	02/07/22 12:00 AM	02/07/22 12:00 AM	02/11/22 12:00 AM	02/14/22 12:00 AM
Sample Stop Date and Time	02/03/22 11:00 PM	02/07/22 11:00 PM	02/07/22 11:00 PM	02/11/22 11:00 PM	02/14/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC			Field Duplicate		
Sample Matrix					
Sample Delivery Group (SDG)	320-84700-1	320-84700-1	320-84700-1	320-85103-1	320-85103-1
Lab Sample ID	320-84700-2	320-84700-3	320-84700-4	320-85103-1	320-85103-2
Table 3+ SOP (ng/L)					
HFPO-DA	**8.3**	**4.3**	**4.4**	**3.6**	**5.3**
PFMOAA	**19**	**9.0**	**9.4**	**5.5 J**	**7.7**
PFO2HxA	**11**	**4.8**	**5.1**	**3.6**	**7.3**
PFO3OA	**3.7**	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**15**	**12**	**11**	<10	**11**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	**3.0 J**	<2.0	<2.0
Hydrolyzed PSDA	**3.8 J**	**2.1 J**	**2.4 J**	<2.0	**2.3 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**2.7**	**4.0**	**3.9**	<2.0	**3.3**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**3.9**	**4.6**	**4.8**	**4.2**	**3.5**
Total Attachment C[1,2]	**57**	**30**	**30**	**13**	**31**
Total Table 3+ (17 compounds)[2,3]	**60**	**34**	**34**	**13**	**35**
Total Table 3+ (20 compounds)[2]	**64**	**36**	**39**	**13**	**37**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2022	Q1 2022	Q1 2022	Q1 2022	Q1 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-021822	CFR-TARHEEL-24-022622	CFR-TARHEEL-24-022722	CFR-TARHEEL-24-022822	CFR-TARHEEL-24-030322
Sample Date	02/18/22	02/26/22	02/27/22	02/28/22	03/03/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	02/18/22 12:00 AM	02/26/22 12:00 AM	02/27/22 12:00 AM	02/28/22 12:00 AM	03/03/22 12:00 AM
Sample Stop Date and Time	02/18/22 11:00 PM	02/26/22 11:00 PM	02/27/22 11:00 PM	02/28/22 11:00 PM	03/03/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix					
Sample Delivery Group (SDG)	320-85290-1	320-85290-1	320-85290-1	320-85290-1	320-85714-1
Lab Sample ID	320-85290-1	320-85290-3	320-85290-2	320-85290-4	320-85714-1
Table 3+ SOP (ng/L)					
HFPO-DA	<2.0	<2.0	<2.0	<2.0	**2.9**
PFMOAA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO2HxA	**5.6 J**	**7.0**	**3.8**	<2.0	**3.9**
PFO3OA	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	<10	<10
PEPA	<20 UJ	<20	<20	<20	<20
PS Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0	**12 J**
Hydrolyzed PSDA	<2.0	<2.0	<2.0	<2.0	**2.0 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0 UJ	<2.0	<2.0	<2.0	**5.1**
EVE Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	**4.7 J**
PES	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0	**3.4**	**3.2**	<2.0	**4.8**
Total Attachment C[1,2]	**5.6**	**7.0**	**3.8**	ND	**6.8**
Total Table 3+ (17 compounds)[2,3]	**5.6**	**7.0**	**3.8**	ND	**12**
Total Table 3+ (20 compounds)[2]	**5.6**	**7.0**	**3.8**	ND	**31**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2022	Q1 2022	Q1 2022	Q1 2022	Q1 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-030722	CFR-TARHEEL-24-031022	CFR-TARHEEL-24-031022-D	CFR-TARHEEL-031722	CFR-TARHEEL-031822
Sample Date	03/07/22	03/10/22	03/10/22	03/17/22	03/18/22
Sample Type	Composite	Composite	Composite	Grab	Grab
Sample Start Date and Time	03/07/22 12:00 AM	03/10/22 12:00 AM	03/10/22 12:00 AM	03/17/22 12:00 AM	03/18/22 12:00 AM
Sample Stop Date and Time	03/07/22 11:00 PM	03/10/22 11:00 PM	03/10/22 11:00 PM	03/17/22 11:00 PM	03/18/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC			Field Duplicate		
Sample Matrix					
Sample Delivery Group (SDG)	320-85714-1	320-85714-1	320-85714-1	320-85968-1	320-85968-1
Lab Sample ID	320-85714-2	320-85714-3	320-85714-4	320-85968-1	320-85968-2
Table 3+ SOP (ng/L)					
HFPO-DA	**6.8**	**7.0**	**7.4**	**2.1**	<2.0
PFMOAA	**11**	**12 J**	**12**	<2.0	<2.0
PFO2HxA	**8.2**	**9.4**	**9.8**	**2.6**	<2.0
PFO3OA	**2.0**	**2.3**	**2.6**	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	**10**	**11**	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	**11 J**	**9.8 J**	**10 J**	<2.0	<2.0
Hydrolyzed PSDA	**2.9 J**	**3.5 J**	**3.6 J**	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**5.7**	**6.8**	**7.3**	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	**4.8 J**	**5.2 J**	**5.5 J**	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.8**	**4.5**	**4.4**	**3.4**	**3.5**
Total Attachment C[1,2]	**28**	**41**	**43**	**4.7**	ND
Total Table 3+ (17 compounds)[2,3]	**34**	**48**	**50**	**4.7**	ND
Total Table 3+ (20 compounds)[2]	**52**	**66**	**69**	**4.7**	ND

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2022	Q1 2022	Q1 2022	Q1 2022	Q2 2022
Location ID	**CFR-TARHEEL**	**CFR-TARHEEL**	**CFR-TARHEEL**	**CFR-TARHEEL**	**CFR-TARHEEL**
Field Sample ID	**CFR-TARHEEL-24-032322**	**CFR-TARHEEL-032422**	**CFR-TARHEEL-24-032922**	**CFR-TARHEEL-24-033122**	**CFR-TARHEEL-24-040422**
Sample Date	**03/23/22**	**03/24/22**	**03/29/22**	**03/31/22**	**04/04/22**
Sample Type	**Composite**	**Grab**	**Composite**	**Composite**	**Composite**
Sample Start Date and Time	**03/23/22 12:00 AM**	**--**	**03/29/22 12:00 AM**	**03/31/22 12:00 AM**	**04/04/22 12:00 AM**
Sample Stop Date and Time	**03/23/22 11:00 PM**	**--**	**03/29/22 11:00 PM**	**03/31/22 11:00 PM**	**04/04/22 11:00 PM**
Composite Duration (hours)	**24**	**24**	**24**	**24**	**24**
QA/QC					
Sample Matrix					**Liquid**
Sample Delivery Group (SDG)	**320-86394-1**	**320-86394-1**	**320-86394-1**	**320-86394-1**	**320-86723-1**
Lab Sample ID	**320-86394-1**	**320-86394-2**	**320-86394-3**	**320-86394-4**	**320-86723-1**
Table 3+ SOP (ng/L)					
HFPO-DA	**3.5**	**3.0**	**2.3**	**2.9**	**2.5**
PFMOAA	**8.9**	**3.2**	**3.1**	**3.5**	<2.0
PFO2HxA	**4.6**	**3.2**	**2.6**	**3.4**	**3.4**
PFO3OA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0	<2.0	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**3.0**	**3.1**	**3.9**	**3.6**	**2.8**
Total Attachment C[1,2]	**17**	**9.4**	**8.0**	**9.8**	**5.9**
Total Table 3+ (17 compounds)[2,3]	**17**	**9.4**	**8.0**	**9.8**	**5.9**
Total Table 3+ (20 compounds)[2]	**17**	**9.4**	**8.0**	**9.8**	**5.9**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2022	Q2 2022	Q2 2022	Q2 2022	Q2 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-040722	CFR-TARHEEL-24-041122	CFR-TARHEEL-24-041122-D	CFR-TARHEEL-24-041522	CFR-TARHEEL-24-042122
Sample Date	04/07/22	04/11/22	04/11/22	04/15/22	04/21/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	04/07/22 12:00 AM	04/11/22 12:00 AM	04/11/22 12:00 AM	04/15/22 12:00 AM	04/21/22 12:00 AM
Sample Stop Date and Time	04/07/22 11:00 PM	04/11/22 11:00 PM	04/11/22 11:00 PM	04/15/22 11:00 PM	04/21/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC			Field Duplicate		
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-86723-1	320-86723-1	320-86723-1	320-87320-1	320-87320-1
Lab Sample ID	320-86723-2	320-86723-3	320-86723-4	320-87320-1	320-87320-2
Table 3+ SOP (ng/L)					
HFPO-DA	**3.9**	**4.9**	**4.4**	**5.3**	<2.0
PFMOAA	**8.5**	**10**	**11**	<2.0	<2.0
PFO2HxA	**5.4**	**5.7**	**6.0**	**6.4**	<2.0
PFO3OA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	**11**	**10**	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	**11 J**	**4.3 J**	**5.2 J**	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	**2.1**	**2.2**	**2.7**	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**3.6**	**2.3**	**2.1**	**2.4**	**3.3**
Total Attachment C[1,2]	**18**	**32**	**31**	**12**	**0.0**
Total Table 3+ (17 compounds)[2,3]	**18**	**34**	**34**	**14**	**0.0**
Total Table 3+ (20 compounds)[2]	**29**	**38**	**39**	**14**	**0.0**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2022	Q2 2022	Q2 2022	Q2 2022	Q2 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-042222	CFR-TARHEEL-24-042522	CFR-TARHEEL-24-042822	CFR-TARHEEL-24-050222	CFR-TARHEEL-24-050522
Sample Date	04/22/22	04/25/22	04/28/22	05/02/22	05/05/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	04/22/22 12:00 AM	04/25/22 12:00 AM	04/28/22 12:00 AM	05/02/22 12:00 AM	05/05/22 12:00 AM
Sample Stop Date and Time	04/22/22 11:00 PM	04/25/22 11:00 PM	04/28/22 11:00 PM	05/02/22 11:00 PM	05/05/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-87320-1	320-87533-1	320-87533-1	320-87533-1	320-87738-1
Lab Sample ID	320-87320-3	320-87533-1	320-87533-2	320-87533-3	320-87738-1
Table 3+ SOP (ng/L)					
HFPO-DA	<2.0	**5.3**	**4.6**	**7.3**	**8.1**
PFMOAA	<2.0	<2.0	**14**	**20**	**15**
PFO2HxA	**2.1**	**6.5**	**5.8**	**8.1**	**11**
PFO3OA	<2.0	<2.0	<2.0	**2.2**	**2.5**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	**11**	<10	**11**	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	<2.0	<2.0	**2.8 J**	**4.6 J**	**6.6 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	**4.3**	**4.4**	**6.0**	**8.1**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.9**	**4.5**	**3.1**	**3.8**	**3.8**
Total Attachment C[1,2]	**2.1**	**23**	**24**	**49**	**37**
Total Table 3+ (17 compounds)[2,3]	**2.1**	**27**	**29**	**55**	**45**
Total Table 3+ (20 compounds)[2]	**2.1**	**27**	**32**	**59**	**51**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2022	Q2 2022	Q2 2022	Q2 2022	Q2 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-050922	CFR-TARHEEL-24-050922-D	CFR-TARHEEL-24-051322	CFR-TARHEEL-24-051622	CFR-TARHEEL-24-051922
Sample Date	05/09/22	05/09/22	05/13/22	05/16/22	05/19/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	05/09/22 12:00 AM	05/09/22 12:00 AM	05/13/22 12:00 AM	05/16/22 12:00 AM	05/19/22 12:00 AM
Sample Stop Date and Time	05/09/22 11:00 PM	05/09/22 11:00 PM	05/13/22 11:00 PM	05/16/22 11:00 PM	05/19/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC		Field Duplicate			
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-87738-1	320-87738-1	320-88168-1	320-88168-1	320-88168-1
Lab Sample ID	320-87738-2	320-87738-3	320-88168-1	320-88168-2	320-88168-3
Table 3+ SOP (ng/L)					
HFPO-DA	**6.3**	**5.5**	**5.7**	**6.6**	**5.7**
PFMOAA	**15**	**14**	**14**	**14**	**15**
PFO2HxA	**10**	**8.3**	**7.5**	**7.1**	**6.7**
PFO3OA	**2.5**	**2.0**	**2.1**	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	**3.8 J**	**6.9 J**
Hydrolyzed PSDA	**7.5 J**	**6.9 J**	**4.7 J**	**4.9 J**	**5.0 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**8.0**	**7.6**	**2.6**	**4.1**	**5.3**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**3.8**	**3.4**	**3.0**	**3.6**	**5.3**
Total Attachment C[1,2]	**34**	**30**	**29**	**28**	**27**
Total Table 3+ (17 compounds)[2,3]	**42**	**37**	**32**	**32**	**33**
Total Table 3+ (20 compounds)[2]	**49**	**44**	**37**	**41**	**45**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2022	Q2 2022	Q2 2022	Q2 2022	Q2 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-052322	CFR-TARHEEL-24-052622	CFR-TARHEEL-24-053022	CFR-TARHEEL-24-060222	CFR-TARHEEL-24-060622
Sample Date	05/23/22	05/26/22	05/30/22	06/02/22	06/06/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	05/23/22 12:00 AM	05/26/22 12:00 AM	05/30/22 12:00 AM	06/02/22 12:00 AM	06/06/22 12:00 AM
Sample Stop Date and Time	05/23/22 11:00 PM	05/26/22 11:00 PM	05/30/22 11:00 PM	06/02/22 11:00 PM	06/06/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-88586-1	320-88586-1	320-88586-1	320-88768-1	320-88768-1
Lab Sample ID	320-88586-1	320-88586-2	320-88586-3	320-88768-1	320-88768-2
Table 3+ SOP (ng/L)					
HFPO-DA	**8.9**	**3.0**	<2.0	**3.7**	**9.1**
PFMOAA	**22**	**8.6**	<2.0	**8.5**	**20**
PFO2HxA	**10**	**3.9**	<2.0	**3.8**	**10**
PFO3OA	**2.7**	<2.0	<2.0	<2.0	**2.5**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	**4.2 J**	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	**6.0 J**	**3.7 J**	<2.0	<2.0	**7.2 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**4.0**	**6.6**	<2.0	**3.3**	**3.6**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**5.1**	**5.6**	**4.5**	**4.6**	**4.3**
Total Attachment C[1,2]	**44**	**16**	**0.0**	**16**	**42**
Total Table 3+ (17 compounds)[2,3]	**48**	**22**	**0.0**	**19**	**45**
Total Table 3+ (20 compounds)[2]	**58**	**26**	**0.0**	**19**	**52**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2022	Q2 2022	Q2 2022	Q2 2022	Q2 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-060622-D	CFR-TARHEEL-24-060922	CFR-TARHEEL-24-061322	CFR-TARHEEL-24-061622	CFR-TARHEEL-24-062022
Sample Date	06/06/22	06/09/22	06/13/22	06/16/22	06/20/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	06/06/22 12:00 AM	06/09/22 12:00 AM	06/13/22 12:00 AM	06/16/22 12:00 AM	06/20/22 12:00 AM
Sample Stop Date and Time	06/06/22 11:00 PM	06/09/22 11:00 PM	06/13/22 11:00 PM	06/16/22 11:00 PM	06/20/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC	Field Duplicate				
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-88768-1	320-89254-1	320-89254-1	320-89254-1	320-89531-1
Lab Sample ID	320-88768-3	320-89254-1	320-89254-2	320-89254-3	320-89531-1
Table 3+ SOP (ng/L)					
HFPO-DA	**12**	**11**	**8.5**	**8.0**	**9.7 J**
PFMOAA	**24**	**22**	**20**	**22**	**21 J**
PFO2HxA	**13**	**12**	**10**	**10**	**13 J**
PFO3OA	**3.3**	**3.2**	**2.6**	**2.6**	**3.2 J**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
PMPA	**10**	<10	<10	<10	<10 UJ
PEPA	<20	<20	<20	<20	<20 UJ
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
R-PSDA	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Hydrolyzed PSDA	**8.3 J**	**4.7 J**	**6.5 J**	**6.8 J**	<2.0 UJ
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
NVHOS	**3.7**	**2.7**	**7.3**	**8.2**	<2.0 UJ
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
R-EVE	<2.0	<2.0	<2.0	**2.0 J**	<2.0 UJ
PES	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluoroheptanoic Acid	**5.2**	**4.7**	**3.5**	**4.0**	**3.9 J**
Total Attachment C[1,2]	**62**	**48**	**41**	**43**	**47**
Total Table 3+ (17 compounds)[2,3]	**66**	**51**	**48**	**51**	**47**
Total Table 3+ (20 compounds)[2]	**74**	**56**	**55**	**60**	**47**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2022	Q2 2022	Q2 2022	Q3 2022	Q3 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-062322	CFR-TARHEEL-24-062722	CFR-TARHEEL-24-063022	CFR-TARHEEL-24-070422	CFR-TARHEEL-23-070822
Sample Date	06/23/22	06/27/22	06/30/22	07/04/22	07/08/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	06/23/22 12:00 AM	06/27/22 12:00 AM	06/30/22 12:00 AM	07/04/22 12:00 AM	07/08/22 12:00 AM
Sample Stop Date and Time	06/23/22 11:00 PM	06/27/22 11:00 PM	06/30/22 11:00 PM	07/04/22 11:00 PM	07/08/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	LIQUID
Sample Delivery Group (SDG)	320-89531-1	320-89798-1	320-89798-1	320-90093-1	320-90093-1
Lab Sample ID	320-89531-2	320-89798-1	320-89798-2	320-90093-1	320-90093-2
Table 3+ SOP (ng/L)					
HFPO-DA	**9.1**	**11**	**11**	<2.0 UJ	<2.0
PFMOAA	**18**	**23**	**24**	<2.0 UJ	**8.5**
PFO2HxA	**11**	**13**	**13**	<2.0 UJ	**6.5**
PFO3OA	**2.9**	**3.0**	**3.5**	<2.0 UJ	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0 UJ	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0 UJ	<2.0
PMPA	<10	<10	<10	<10 UJ	<10
PEPA	<20	<20	<20	<20 UJ	<20
PS Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0 UJ	<2.0
Hydrolyzed PSDA	<2.0	**7.9 J**	**9.0 J**	<2.0 UJ	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0 UJ	<2.0
NVHOS	<2.0	**11**	**8.6**	<2.0 UJ	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0 UJ	<2.0
PES	<2.0	<2.0	<2.0	<2.0 UJ	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0 UJ	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0 UJ	<2.0
Perfluoroheptanoic Acid	**4.1**	**3.8**	**3.9**	<2.0 UJ	**5.1**
Total Attachment C[1,2]	**41**	**50**	**52**	ND	**15**
Total Table 3+ (17 compounds)[2,3]	**41**	**61**	**60**	ND	**15**
Total Table 3+ (20 compounds)[2]	**41**	**69**	**69**	ND	**15**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2022	Q3 2022	Q3 2022	Q3 2022	Q3 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-070922	CFR-TARHEEL-24-071122	CFR-TARHEEL-24-071422	CFR-TARHEEL-24-071822	CFR-TARHEEL-24-071822-D
Sample Date	07/09/22	07/11/22	07/14/22	07/18/22	07/18/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	07/09/22 12:00 AM	07/11/22 12:00 AM	07/14/22 12:00 AM	07/18/22 12:00 AM	07/18/22 12:00 AM
Sample Stop Date and Time	07/09/22 11:00 PM	07/11/22 11:00 PM	07/14/22 11:00 PM	07/18/22 11:00 PM	07/18/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					Field Duplicate
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-90170-1	320-90170-1	320-90170-1	320-90170-1	320-90170-1
Lab Sample ID	320-90170-1	320-90170-2	320-90170-3	320-90170-4	320-90170-5
Table 3+ SOP (ng/L)					
HFPO-DA	**14 J**	**6.2**	**7.1**	**7.2**	**6.9**
PFMOAA	**12 J**	**14**	**17**	**14**	**16**
PFO2HxA	**9.6 J**	**6.8**	**9.1**	**11**	**11**
PFO3OA	**2.3 J**	<2.0	**2.3**	**2.4**	**2**
PFO4DA	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PMPA	<10 UJ	<10	**11**	**12**	**11**
PEPA	<20 UJ	<20	<20	<20	<20
PS Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
R-PSDA	**12 J**	<2.0	<2.0	<2.0	**7.5 J**
Hydrolyzed PSDA	**10 J**	**6.9 J**	**10 J**	**12 J**	**11 J**
R-PSDCA	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
NVHOS	**7.1 J**	**7.6**	**6.9**	**6.0**	**6.1**
EVE Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0 UJ	<2.0	<2.0	<2.0	**2.1 J**
PES	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.9 J**	**4.1**	**4.2**	**3.4**	**3.5**
Total Attachment C[1,2]	**38**	**27**	**47**	**47**	**47**
Total Table 3+ (17 compounds)[2,3]	**45**	**35**	**53**	**53**	**53**
Total Table 3+ (20 compounds)[2]	**67**	**42**	**63**	**65**	**74**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2022	Q3 2022	Q3 2022	Q3 2022	Q3 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CAP3Q22-CFR-TARHEEL-072022	CAP3Q22-CFR-TARHEEL-24-072122	CFR-TARHEEL-24-072122	CFR-TARHEEL-24-072522	CFR-TARHEEL-24-072822
Sample Date	07/20/22	07/21/22	07/21/22	07/25/22	07/28/22
Sample Type	Grab	Composite	Composite	Composite	Composite
Sample Start Date and Time	--	07/21/22 12:00 AM	07/21/22 12:00 AM	07/25/22 12:00 AM	07/28/22 12:00 AM
Sample Stop Date and Time	--	07/21/22 11:00 PM	07/21/22 11:00 PM	07/25/22 11:00 PM	07/28/22 11:00 PM
Composite Duration (hours)	--	24	24	24	24
QA/QC					
Sample Matrix	Liquid		Liquid	Liquid	LIQUID
Sample Delivery Group (SDG)	320-90299-1	320-90301-1	320-90585-1	320-90585-1	320-90775-1
Lab Sample ID	320-90299-5	320-90301-1	320-90585-1	320-90585-2	320-90775-1
Table 3+ SOP (ng/L)					
HFPO-DA	**6.5**	**7.7**	**13 J**	**9.6**	**7.5**
PFMOAA	**18 B**	**9.2 B**	**11 J**	**22**	**11**
PFO2HxA	**8.6 B**	**9.1 B**	**11 J**	**11**	**9.6**
PFO3OA	**2.0**	**2.1**	**2.2 J**	**2.3**	**2.4**
PFO4DA	<2.0	<2.0	<2.0 UJ	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0 UJ	<2.0	<2.0
PMPA	**10**	<10	<10 UJ	<10	<10
PEPA	<20	<20	<20 UJ	<20	<20
PS Acid	<2.0	<2.0	<2.0 UJ	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0 UJ	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0 UJ	<2.0	<2.0
Hydrolyzed PSDA	**8.6 J**	<2.0	<2.0 UJ	**6.6 J**	<2.0
R-PSDCA	<2.0	<2.0	<2.0 UJ	<2.0	<2.0
NVHOS	**4.5**	<2.0	<2.0 UJ	<2.0	**4.9**
EVE Acid	<2.0	<2.0	<2.0 UJ	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0 UJ	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0 UJ	<2.0	<2.0
PES	<2.0	<2.0	<2.0 UJ	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0 UJ	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0 UJ	<2.0	<2.0
Perfluoroheptanoic Acid	**3.7**	**3.7**	**4.3 J**	**4.3**	**4.3**
Total Attachment C[1,2]	**45**	**28**	**37**	**45**	**31**
Total Table 3+ (17 compounds)[2,3]	**50**	**28**	**37**	**45**	**35**
Total Table 3+ (20 compounds)[2]	**58**	**28**	**37**	**52**	**35**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2022	Q3 2022	Q3 2022	Q3 2022	Q3 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-080122	CFR-TARHEEL-24-080422	CFR-TARHEEL-24-081022	CFR-TARHEEL-24-081022-D	CFR-TARHEEL-24-081222
Sample Date	08/01/22	08/04/22	08/10/22	08/10/22	08/12/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	08/01/22 12:00 AM	08/04/22 12:00 AM	08/10/22 12:00 AM	08/10/22 12:00 AM	08/12/22 12:00 AM
Sample Stop Date and Time	08/01/22 11:00 PM	08/04/22 11:00 PM	08/10/22 11:00 PM	08/10/22 11:00 PM	08/12/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC				Field Duplicate	
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-90775-1	320-90775-1	320-91082-1	320-91082-1	320-91082-1
Lab Sample ID	320-90775-2	320-90775-3	320-91082-1	320-91082-2	320-91082-3
Table 3+ SOP (ng/L)					
HFPO-DA	**11**	**7.6**	**9.6**	**9.4**	**8.5**
PFMOAA	**19**	**11**	**24 J**	**19**	**15**
PFO2HxA	**15**	**9.7**	**11**	**10**	**9.9**
PFO3OA	**3.4**	**2.2**	**2.8 J**	**2.7**	**2.4**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	<10	<10
PEPA	<20	<20	<20 UJ	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	**4.6 J**	<2.0	**10 J**	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0	**4.1 J**	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0 UJ	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0 UJ	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.0**	**4.2**	**5.3**	**4.9**	**5.3**
Total Attachment C[1,2]	**48**	**31**	**47**	**41**	**36**
Total Table 3+ (17 compounds)[2,3]	**48**	**31**	**52**	**41**	**36**
Total Table 3+ (20 compounds)[2]	**53**	**31**	**62**	**41**	**36**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2022	Q3 2022	Q3 2022	Q3 2022	Q3 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-081522	CFR-TARHEEL-24-081822	CFR-TARHEEL-24-082222	CFR-TARHEEL-24-082522	CFR-TARHEEL-24-082922
Sample Date	08/15/22	08/18/22	08/22/22	08/25/22	08/29/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	08/15/22 12:00 AM	08/18/22 12:00 AM	08/22/22 12:00 AM	08/25/22 12:00 AM	08/29/22 12:00 AM
Sample Stop Date and Time	08/15/22 11:00 PM	08/18/22 11:00 PM	08/22/22 11:00 PM	08/25/22 11:00 PM	08/29/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-91082-1	320-91395-1	320-91395-1	320-91561-1	320-91561-1
Lab Sample ID	320-91082-4	320-91395-1	320-91395-2	320-91561-1	320-91561-2
Table 3+ SOP (ng/L)					
HFPO-DA	**7.2**	**6.5**	**6.0**	<2.0	**5.7**
PFMOAA	**14**	**12**	**12**	**6.8**	**13**
PFO2HxA	**7.4**	**9.1**	**7.4**	<2.0	**7.1**
PFO3OA	<2.0	**2.0**	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	**9.8 J**	<2.0	<2.0	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**9.6**	<2.0	**11**	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**9.7**	**5.0**	**6.8**	**4.5**	**3.6**
Total Attachment C[1,2]	**29**	**30**	**25**	**6.8**	**26**
Total Table 3+ (17 compounds)[2,3]	**38**	**30**	**36**	**6.8**	**26**
Total Table 3+ (20 compounds)[2]	**48**	**30**	**36**	**6.8**	**26**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2022	Q3 2022	Q3 2022	Q3 2022	Q3 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-090122	CFR-TARHEEL-24-090522	CFR-TARHEEL-24-090822	CFR-TARHEEL-24-091222	CFR-TARHEEL-24-091222-D
Sample Date	09/01/22	09/05/22	09/08/22	09/12/22	09/12/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	09/01/22 12:00 AM	09/05/22 12:00 AM	09/08/22 12:00 AM	09/12/22 12:00 AM	09/12/22 12:00 AM
Sample Stop Date and Time	09/01/22 11:00 PM	09/05/22 11:00 PM	09/08/22 11:00 PM	09/12/22 11:00 PM	09/12/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					Field Duplicate
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-91795-1	320-91795-1	320-92166-1	320-92166-1	320-92166-1
Lab Sample ID	320-91795-1	320-91795-2	320-92166-1	320-92166-2	320-92166-3
Table 3+ SOP (ng/L)					
HFPO-DA	**8.4**	**9.0**	**8.8**	**3.0**	**3.0**
PFMOAA	**31**	**29**	**13**	<2.0 UJ	<2.0
PFO2HxA	**11**	**11**	**16**	<2.0	**2.8**
PFO3OA	**2.2**	**2.4**	**3.1**	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	**5.0 J**	**4.4 J**	<2.0	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**11**	**7.8**	**12**	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**5.0**	**6.0**	**5.1**	**4.8**	**5.0**
Total Attachment C[1,2]	**53**	**51**	**41**	**3.0**	**5.8**
Total Table 3+ (17 compounds)[2,3]	**64**	**59**	**53**	**3.0**	**5.8**
Total Table 3+ (20 compounds)[2]	**69**	**64**	**53**	**3.0**	**5.8**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2022	Q3 2022	Q3 2022	Q3 2022	Q3 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-091522	CFR-TARHEEL-24-091922	CFR-TARHEEL-24-092222	CFR-TARHEEL-24-092622	CFR-TARHEEL-092922
Sample Date	09/15/22	09/19/22	09/22/22	09/26/22	09/29/22
Sample Type	Composite	Composite	Composite	Composite	Grab
Sample Start Date and Time	09/15/22 12:00 AM	09/19/22 12:00 AM	09/22/22 12:00 AM	09/26/22 12:00 AM	--
Sample Stop Date and Time	09/15/22 11:00 PM	09/19/22 11:00 PM	09/22/22 11:00 PM	09/26/22 11:00 PM	--
Composite Duration (hours)	24	24	24	24	--
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	LIQUID
Sample Delivery Group (SDG)	320-92348-1	320-92348-1	320-92585-1	320-92585-1	320-92933-1
Lab Sample ID	320-92348-1	320-92348-2	320-92585-1	320-92585-2	320-92933-1
Table 3+ SOP (ng/L)					
HFPO-DA	**4.6 J**	**7.1**	**8.7**	**10**	**11**
PFMOAA	**14 J**	**24**	**6.3**	**7.7**	**29**
PFO2HxA	**6.5 J**	**11**	<2.0	**9.3**	**18**
PFO3OA	<2.0 UJ	**2.6**	**3.2**	**4.1**	**4.1**
PFO4DA	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PMPA	<10 UJ	**14**	<10	<10	**15**
PEPA	<20 UJ	<20	<20	<20	<20
PS Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
R-PSDA	**6.8 J**	**6.4 J**	**5.9 J**	**5.9 J**	<2.0
Hydrolyzed PSDA	**13 J**	**7.6 J**	<2.0	**8.8 J**	**7.0 J**
R-PSDCA	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
NVHOS	**2.4 J**	**4.4**	**11**	**5.5**	**6.6**
EVE Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
R-EVE	**4.7 J**	**2.8 J**	<2.0	<2.0	<2.0
PES	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0 UJ	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**3.9 J**	**4.9**	**5.1**	**6.6**	**8.3**
Total Attachment C[1,2]	**25**	**59**	**18**	**31**	**77**
Total Table 3+ (17 compounds)[2,3]	**28**	**63**	**29**	**37**	**84**
Total Table 3+ (20 compounds)[2]	**52**	**80**	**35**	**51**	**91**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2022	Q4 2022	Q4 2022	Q4 2022	Q4 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-100522	CFR-TARHEEL-24-100722	CFR-TARHEEL-24-101022	CFR-TARHEEL-24-101022-D	CFR-TARHEEL-24-101322
Sample Date	10/05/22	10/07/22	10/10/22	10/10/22	10/13/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	10/05/22 12:00 AM	10/07/22 12:00 AM	10/10/22 12:00 AM	10/10/22 12:00 AM	10/13/22 12:00 AM
Sample Stop Date and Time	10/05/22 11:00 PM	10/07/22 11:00 PM	10/10/22 11:00 PM	10/10/22 11:00 PM	10/13/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC				Field Duplicate	
Sample Matrix	Liquid	Liquid	Liquid	Liquid	LIQUID
Sample Delivery Group (SDG)	320-93125-1	320-93125-1	320-93125-1	320-93125-1	320-93407-1
Lab Sample ID	320-93125-1	320-93125-2	320-93125-3	320-93125-4	320-93407-1
Table 3+ SOP (ng/L)					
HFPO-DA	**3.7**	**5.7**	**8.4**	**8.5**	**9.1**
PFMOAA	**12**	**18**	**25**	**28**	**32**
PFO2HxA	**5.6**	**9.1**	**13**	**13**	**16**
PFO3OA	<2.0	**2.3**	**3.5**	**3.1**	**3.9**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	**12**	**11**	**15**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0	**6.7 J**
Hydrolyzed PSDA	**4.2 J**	**5.3 J**	<2.0	**7.6 J**	**10 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**2.3**	<2.0	**3.0**	**2.9**	**7.1**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.4**	**4.3**	**3.5**	**3.5**	**2.9**
Total Attachment C[1,2]	**21**	**35**	**62**	**64**	**76**
Total Table 3+ (17 compounds)[2,3]	**24**	**35**	**65**	**67**	**83**
Total Table 3+ (20 compounds)[2]	**28**	**40**	**65**	**74**	**100**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2022	Q4 2022	Q4 2022	Q4 2022	Q4 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-101722	CFR-TARHEEL-24-102022	CFR-TARHEEL-24-102422	CFR-TARHEEL-24-102722	CFR-TARHEEL-24-103122
Sample Date	10/17/22	10/20/22	10/24/22	10/27/22	10/31/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	10/17/22 12:00 AM	10/20/22 12:00 AM	10/24/22 12:00 AM	10/27/22 12:00 AM	10/31/22 12:00 AM
Sample Stop Date and Time	10/17/22 11:00 PM	10/20/22 11:00 PM	10/24/22 11:00 PM	10/27/22 11:00 PM	10/31/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-93407-1	320-93660-1	320-93660-1	320-93997-1	320-93997-1
Lab Sample ID	320-93407-2	320-93660-2	320-93660-1	320-93997-1	320-93997-2
Table 3+ SOP (ng/L)					
HFPO-DA	**8.8**	**11**	**13**	**12 J**	**14 J**
PFMOAA	**26**	**47**	**59**	**39 J**	**42 J**
PFO2HxA	**12**	**17**	**19**	**20 J**	**19 J**
PFO3OA	**2.5**	**4.4**	**5.0**	**5.5 J**	**4.6 J**
PFO4DA	<2.0	<2.0	<2.0	<2.0 UJ	<2.0 UJ
PFO5DA	<2.0	<2.0	<2.0	<2.0 UJ	<2.0 UJ
PMPA	<10	**10**	**12**	**12 J**	**13 J**
PEPA	<20	<20	<20	<20 UJ	<20 UJ
PS Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0 UJ
R-PSDA	**7.5 J**	**7.1 J**	**8.1 J**	**3.6 J**	**12 J**
Hydrolyzed PSDA	**6.9 J**	**8.6 J**	**9.4 J**	**7.7 J**	**8.9 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0 UJ	<2.0 UJ
NVHOS	**8.9**	**5.6**	**7.8**	**5.0 J**	**11 J**
EVE Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0 UJ
R-EVE	<2.0	<2.0	**2.7 J**	<2.0 UJ	<2.0 UJ
PES	<2.0	<2.0	<2.0	<2.0 UJ	<2.0 UJ
PFECA B	<2.0	<2.0	<2.0	<2.0 UJ	<2.0 UJ
PFECA-G	<2.0	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Perfluoroheptanoic Acid	**3.6**	**4.2**	**4.9**	**4.1 J**	**5.4 J**
Total Attachment C[1,2]	**49**	**89**	**110**	**89**	**93**
Total Table 3+ (17 compounds)[2,3]	**58**	**95**	**120**	**94**	**100**
Total Table 3+ (20 compounds)[2]	**73**	**110**	**140**	**100**	**120**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2022	Q4 2022	Q4 2022	Q4 2022	Q4 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-110322	CFR-TARHEEL-24-110722	CAP4Q22-CFR-TARHEEL-110922	CAP4Q22-CFR-TARHEEL-24-111022	CFR-TARHEEL-24-111222
Sample Date	11/03/22	11/07/22	11/09/22	11/10/22	11/12/22
Sample Type	Composite	Composite	Grab	Composite	Composite
Sample Start Date and Time	11/03/22 12:00 AM	11/07/22 12:00 AM	11/09/22 9:00 AM	11/09/22 3:48 AM	11/12/22 12:00 AM
Sample Stop Date and Time	11/03/22 11:00 PM	11/07/22 11:00 PM	--	11/10/22 2:48 AM	11/12/22 11:00 PM
Composite Duration (hours)	24	24	--	24	24
QA/QC					
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-94322-1	320-94322-1	320-94321-1	320-94321-1	320-94573-1
Lab Sample ID	320-94322-1	320-94322-2	320-94321-3	320-94321-1	320-94573-1
Table 3+ SOP (ng/L)					
HFPO-DA	**6.8**	**7.8**	**9.3**	**9.0**	**14**
PFMOAA	**21**	**26**	**29**	**31**	<2.0
PFO2HxA	**11**	**13**	**18**	**16**	**22**
PFO3OA	**2.2**	**3.3**	**4.2**	**3.6**	**4.3**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	**13**	**14**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	**4.0 J**	**4.5 J**	**5.9 J**	**6.3 J**	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**8.3**	**6.4**	**4.6**	**5.1**	**3.7**
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**7.1**	**6.4**	**4.7**	**4.3**	**4.5**
Total Attachment C[1,2]	**41**	**50**	**61**	**73**	**54**
Total Table 3+ (17 compounds)[2,3]	**49**	**57**	**65**	**78**	**58**
Total Table 3+ (20 compounds)[2]	**53**	**61**	**71**	**84**	**58**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2022	Q4 2022	Q4 2022	Q4 2022	Q4 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-111422	CFR-TARHEEL-24-111422-D	CFR-TARHEEL-24-111722	CFR-TARHEEL-24-112122	CFR-TARHEEL-24-112422
Sample Date	11/14/22	11/14/22	11/17/22	11/21/22	11/24/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	11/14/22 12:00 AM	11/14/22 12:00 AM	11/17/22 12:00 AM	11/21/22 12:00 AM	11/24/22 12:00 AM
Sample Stop Date and Time	11/14/22 11:00 PM	11/14/22 11:00 PM	11/17/22 11:00 PM	11/21/22 11:00 PM	11/24/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC		Field Duplicate			
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-94573-1	320-94573-1	320-94670-2	320-94670-2	320-94890-1
Lab Sample ID	320-94573-2	320-94573-3	320-94670-2	320-94670-1	320-94890-2
Table 3+ SOP (ng/L)					
HFPO-DA	**5.9**	**6.2**	**9.4 J**	**7.2 J**	**9.0**
PFMOAA	<2.0 UJ	<2.0	**25 J**	**18 J**	**16**
PFO2HxA	**7.7**	**8.1**	**12 J**	**8.8 J**	**13**
PFO3OA	<2.0	<2.0	**3.0 J**	**2.0 J**	**2.6**
PFO4DA	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
PFO5DA	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0
PMPA	<10 UJ	<10	**10 J**	**15 J**	**14**
PEPA	<20	<20	<20 UJ	<20 UJ	<20
PS Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
R-PSDA	<2.0	<2.0	<2.0 UJ	**7.8 J**	<2.0
Hydrolyzed PSDA	<2.0	<2.0	**7.1 J**	**7.3 J**	<2.0
R-PSDCA	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
NVHOS	**3.3**	**3.2**	**3.8 J**	**6.7 J**	**4.3**
EVE Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
R-EVE	<2.0 UJ	<2.0	<2.0 UJ	<2.0 UJ	<2.0
PES	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
PFECA B	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
PFECA-G	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
Perfluoroheptanoic Acid	**5.0 J**	**7.1 J**	**6.0 J**	**5.1 J**	**5.0**
Total Attachment C[1,2]	**14**	**14**	**59**	**51**	**55**
Total Table 3+ (17 compounds)[2,3]	**17**	**18**	**63**	**58**	**59**
Total Table 3+ (20 compounds)[2]	**17**	**18**	**70**	**73**	**59**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2022	Q4 2022	Q4 2022	Q4 2022	Q4 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-112822	CFR-TARHEEL-24-120122	CFR-TARHEEL-24-120522	CFR-TARHEEL-24-120822	CFR-TARHEEL-24-121222
Sample Date	11/28/22	12/01/22	12/05/22	12/08/22	12/12/22
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	11/28/22 12:00 AM	12/01/22 12:00 AM	12/05/22 12:00 AM	12/08/22 12:00 AM	12/12/22 12:00 AM
Sample Stop Date and Time	11/28/22 11:00 PM	12/01/22 11:00 PM	12/05/22 11:00 PM	12/08/22 11:00 PM	12/12/22 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-94890-1	320-94890-1	320-95117-1	320-95368-1	320-95368-1
Lab Sample ID	320-94890-1	320-94890-3	320-95117-1	320-95368-1	320-95368-2
Table 3+ SOP (ng/L)					
HFPO-DA	**7.1**	**3.4**	**2.7**	**12**	**3.3**
PFMOAA	**12**	<2.0	**5.6**	**13**	**8.5 J**
PFO2HxA	**11**	**3.4**	**3.4**	**7.8**	**5.5**
PFO3OA	**2.2**	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**12**	**11**	<10	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	<2.0	<2.0	<2.0	**2.5 J**	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0	<2.0	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**5.0**	**4.5**	**4.9**	<2.0	<2.0
Total Attachment C[1,2]	**44**	**18**	**12**	**33**	**17**
Total Table 3+ (17 compounds)[2,3]	**44**	**18**	**12**	**33**	**17**
Total Table 3+ (20 compounds)[2]	**44**	**18**	**12**	**35**	**17**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2022	Q4 2022	Q4 2022	Q4 2022
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-121222-D	CFR-TARHEEL-24-121722	CFR-TARHEEL-24-121922	CFR-TARHEEL-24-122222
Sample Date	12/12/22	12/17/22	12/19/22	12/22/22
Sample Type	Composite	Composite	Composite	Composite
Sample Start Date and Time	12/12/22 12:00 AM	12/17/22 12:00 AM	12/19/22 12:00 AM	12/22/22 12:00 AM
Sample Stop Date and Time	12/12/22 11:00 PM	12/17/22 11:00 PM	12/19/22 11:00 PM	12/22/22 11:00 PM
Composite Duration (hours)	24	24	24	24
QA/QC	Field Duplicate			
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-95368-1	320-95534-1	320-95534-1	320-95616-1
Lab Sample ID	320-95368-3	320-95534-1	320-95534-2	320-95616-1
Table 3+ SOP (ng/L)				
HFPO-DA	**3.3**	**5.9**	**2.3**	**5.1**
PFMOAA	**8.4**	<2.0	<2.0	<2.0
PFO2HxA	**5.3**	**2.5**	**2.8**	**4.1**
PFO3OA	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	<10
PEPA	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	<2.0	<2.0	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	**2.0**	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0	<2.0	<2.0	<2.0
Total Attachment C[1,2]	**17**	**8.4**	**5.1**	**9.2**
Total Table 3+ (17 compounds)[2,3]	**17**	**10**	**5.1**	**9.2**
Total Table 3+ (20 compounds)[2]	**17**	**10**	**5.1**	**9.2**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q4 2022	Q4 2022	Q1 2023	Q1 2023	Q1 2023
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-122622	CFR-TARHEEL-24-122922	CFR-TARHEEL-24-010223	CFR-TARHEEL-24-010523	CFR-TARHEEL-24-010923
Sample Date	12/26/22	12/29/22	01/02/23	01/05/23	01/09/23
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	12/26/22 12:00 AM	12/29/22 12:00 AM	01/02/23 12:00 AM	01/05/23 12:00 AM	01/09/23 12:00 AM
Sample Stop Date and Time	12/26/22 11:00 PM	12/29/22 11:00 PM	01/02/23 11:00 PM	01/05/23 11:00 PM	01/09/23 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-95616-1	320-95803-1	320-95803-1	320-95803-1	320-95935-1
Lab Sample ID	320-95616-2	320-95803-3	320-95803-2	320-95803-1	320-95935-1
Table 3+ SOP (ng/L)					
HFPO-DA	**2.4**	**2.2 J**	**4.2**	**3.2**	**4.5**
PFMOAA	<2.0	<5.0 UJ	<5.0	<5.0	<5.0
PFO2HxA	**2.5**	**4.4 J**	**10**	**5.0**	<2.0 UJ
PFO3OA	<2.0	<2.0 UJ	<2.0	<2.0	<2.0 UJ
PFO4DA	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
PMPA	<10	**16 J**	**19**	**14**	<10 UJ
PEPA	<20	<20 UJ	<20	<20	<20 UJ
PS Acid	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
Hydrolyzed PSDA	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
R-PSDCA	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0 UJ	<2.0	<2.0	<2.0 UJ
EVE Acid	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
PES	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0 UJ	<2.0	<2.0	<2.0 UJ
PFECA-G	<2.0	<2.0 UJ	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0	**4.0 J**	**4.0**	**3.3**	**4.7**
Total Attachment C[1,2]	**4.9**	**23**	**33**	**22**	**4.5**
Total Table 3+ (17 compounds)[2,3]	**4.9**	**23**	**33**	**22**	**4.5**
Total Table 3+ (20 compounds)[2]	**4.9**	**23**	**33**	**22**	**4.5**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2023	Q1 2023	Q1 2023	Q1 2023	Q1 2023
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-010923-D	CFR-TARHEEL-24-011223	CFR-TARHEEL-011723	CFR-TARHEEL-24-011923	CFR-TARHEEL-24-012323
Sample Date	01/09/23	01/12/23	01/17/23	01/19/23	01/23/23
Sample Type	Composite	Composite	Grab	Composite	Composite
Sample Start Date and Time	01/09/23 12:00 AM	01/12/23 12:00 AM	01/17/23 1:00 PM	01/19/23 12:00 AM	01/23/23 12:00 AM
Sample Stop Date and Time	01/09/23 11:00 PM	01/12/23 11:00 PM	--	01/19/23 11:00 PM	01/23/23 11:00 PM
Composite Duration (hours)	24	24	0	24	24
QA/QC	Field Duplicate				
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-95935-1	320-96111-1	320-96111-1	320-96311-1	320-96311-1
Lab Sample ID	320-95935-2	320-96111-1	320-96111-2	320-96311-1	320-96311-2
Table 3+ SOP (ng/L)					
HFPO-DA	**2.8**	**2.9**	**3.1**	**3.8**	**34**
PFMOAA	<5.0	**8.0**	**4.8**	<2.0	**5.4**
PFO2HxA	**2.3**	**4.1**	**3.0**	**3.5**	**11**
PFO3OA	<2.0	<2.0	<2.0	<2.0	**2.6**
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	<2.0	<2.0	<2.0	<2.0	**3.5 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0	<2.0	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**3.3**	**3.3**	**3.6**	**4.1**	**4.2**
Total Attachment C[1,2]	**5.1**	**15**	**11**	**7.3**	**53**
Total Table 3+ (17 compounds)[2,3]	**5.1**	**15**	**11**	**7.3**	**53**
Total Table 3+ (20 compounds)[2]	**5.1**	**15**	**11**	**7.3**	**57**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2023	Q1 2023	Q1 2023	Q1 2023	Q1 2023
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-012323	CFR-TARHEEL-24-012623	CFR-TARHEEL-24-012623	CFR-TARHEEL-013123	CFR-TARHEEL-24-020223
Sample Date	01/23/2023	01/26/23	01/26/2023	01/31/23	02/02/23
Sample Type	Composite	Composite	Composite	Grab	Composite
Sample Start Date and Time	01/23/23 12:00 AM	01/26/23 12:00 AM	01/26/23 12:00 AM	01/31/23 12:18 PM	02/02/23 12:00 AM
Sample Stop Date and Time	01/23/23 11:00 PM	01/26/23 11:00 PM	01/26/23 11:00 PM	--	02/02/23 11:00 PM
Composite Duration (hours)	24	24	24	0	24
QA/QC	Reanalyzed		Reanalyzed		
Sample Matrix	Liquid	LIQUID	Liquid	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-96311-2	320-96456-1	320-96456-2	320-96456-1	320-96707-1
Lab Sample ID	320-96311-2	320-96456-1	320-96456-1	320-96456-2	320-96707-1
Table 3+ SOP (ng/L)					
HFPO-DA	**32 J**	**23**	**22 J**	**5.7**	**6.1**
PFMOAA	**21 J**	**9.1**	<2.0 UJ	**5.1**	**6.1**
PFO2HxA	**12 J**	**5.6**	**6.3 J**	**2.7**	**2.9**
PFO3OA	**2.3 J**	<2.0	<2.0 UJ	<2.0	<2.0
PFO4DA	<2.0 UJ	<2.0	<2.0 UJ	<2.0	<2.0
PFO5DA	<2.0 UJ	<2.0	<2.0 UJ	<2.0	<2.0
PMPA	**15 J**	**19**	<10 UJ	**14**	<10
PEPA	<20 UJ	<20	<20 UJ	<20	<20
PS Acid	<2.0 UJ	<2.0	<2.0 UJ	<2.0	<2.0
Hydro-PS Acid	<2.0 UJ	<2.0	<2.0 UJ	<2.0	<2.0
R-PSDA	**3.1 J**	**4.6 J**	**3.4 J**	**4.0 J**	**4.2 J**
Hydrolyzed PSDA	**7.9 J**	**6.7 J**	**6.7 J**	**2.1 J**	**3.6 J**
R-PSDCA	<2.0 UJ	<2.0	<2.0 UJ	<2.0	<2.0
NVHOS	**2.9 J**	<2.0	<2.0 UJ	<2.0	<2.0
EVE Acid	<2.0 UJ	<2.0	<2.0 UJ	<2.0	<2.0
Hydro-EVE Acid	<2.0 UJ	<2.0	<2.0 UJ	<2.0	<2.0
R-EVE	<2.0 UJ	**4.2 J**	**2.5 J**	<2.0	**2.4 J**
PES	<2.0 UJ	<2.0	<2.0 UJ	<2.0	<2.0
PFECA B	<2.0 UJ	<2.0	<2.0 UJ	<2.0	<2.0
PFECA-G	<2.0 UJ	<2.0	<2.0 UJ	<2.0	<2.0
Perfluoroheptanoic Acid	**3.9 J**	**4**	**2.8 J**	**3.7**	**4.1**
Total Attachment C[1,2]	**82**	**57**	**28**	**28**	**15**
Total Table 3+ (17 compounds)[2,3]	**85**	**57**	**28**	**28**	**15**
Total Table 3+ (20 compounds)[2]	**96**	**72**	**41**	**34**	**25**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2023	Q1 2023	Q1 2023	Q1 2023	Q1 2023
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-020623	CFR-TARHEEL-24-020823	CFR-TARHEEL-24-021223	CAP1Q23-CFR-TARHEEL-021323	CAP1Q23-CFR-TARHEEL-021323-D
Sample Date	02/06/23	02/08/23	02/12/23	02/13/23	02/13/23
Sample Type	Composite	Composite	Composite	Grab	Grab
Sample Start Date and Time	02/06/23 12:00 AM	02/08/23 12:00 AM	02/12/23 12:00 AM	02/13/23 15:30	02/13/23 15:30
Sample Stop Date and Time	02/06/23 11:00 PM	02/08/23 11:00 PM	02/12/23 11:00 PM	--	--
Composite Duration (hours)	24	24	24	0	0
QA/QC					Field Duplicate
Sample Matrix	LIQUID	LIQUID	LIQUID		
Sample Delivery Group (SDG)	320-96707-1	320-96707-1	320-96851-1	320-96850-1	320-96850-1
Lab Sample ID	320-96707-2	320-96707-3	320-96851-1	320-96850-5	320-96850-6
Table 3+ SOP (ng/L)					
HFPO-DA	**4.8**	**4.4**	**6.1**	<2.0	**2.0**
PFMOAA	**6.1**	**8.2**	**13**	<2.0	**2.4**
PFO2HxA	**3.2**	**4.2**	**5.8**	<2.0	<2.0
PFO3OA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	**14**	**13**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	**6.2 J**	**4.6 J**	<2.0	<2.0	<2.0
Hydrolyzed PSDA	**3.9 J**	**2.5 J**	**4.3 J**	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0	**2.0**	**2.2**	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	**3.0 J**	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**3.0**	**3.1**	**2.7**	**2.6**	**2.5**
Total Attachment C[1,2]	**14**	**17**	**25**	**14**	**17**
Total Table 3+ (17 compounds)[2,3]	**14**	**17**	**27**	**16**	**17**
Total Table 3+ (20 compounds)[2]	**27**	**24**	**31**	**16**	**17**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2023	Q1 2023	Q1 2023	Q1 2023	Q1 2023
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-021523	CFR-TARHEEL-24-022023	CFR-TARHEEL-24-022023-D	CAP1Q23-CFR-TARHEEL-022223	CFR-TARHEEL-24-022323
Sample Date	02/15/23	02/20/23	02/20/23	02/22/2023	02/23/23
Sample Type	Grab	Composite	Composite	Grab	Composite
Sample Start Date and Time	02/15/23 9:22 AM	02/20/23 12:00 AM	02/20/23 12:00 AM	02/22/23 13:20	02/23/23 12:00 AM
Sample Stop Date and Time	--	02/20/23 11:00 PM	02/20/23 11:00 PM	--	02/23/23 11:00 PM
Composite Duration (hours)	0	24	24	0	24
QA/QC			Field Duplicate		
Sample Matrix	LIQUID	LIQUID	LIQUID		LIQUID
Sample Delivery Group (SDG)	320-96851-1	320-97131-1	320-97131-1	320-97412-1	320-97131-1
Lab Sample ID	320-96851-2	320-97131-1	320-97131-2	320-97412-1	320-97131-3
Table 3+ SOP (ng/L)					
HFPO-DA	<2.0	**2.7**	**2.7**	**2.1**	**4.1**
PFMOAA	**2.6**	<2.0	<2.0	<2.0	<2.0
PFO2HxA	<2.0	**2.7**	**2.7**	**2.2**	**2.8**
PFO3OA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	**4.5 J**	<2.0	<2.0
Hydrolyzed PSDA	<2.0	<2.0	**2.7 J**	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0	<2.0	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0	**4.9**	**4.7**	**3.8**	**3.5**
Total Attachment C[1,2]	**2.6**	**5.4**	**5.4**	**4.3**	**6.9**
Total Table 3+ (17 compounds)[2,3]	**2.6**	**5.4**	**5.4**	**4.3**	**6.9**
Total Table 3+ (20 compounds)[2]	**2.6**	**5.4**	**13**	**4.3**	**6.9**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2023	Q1 2023	Q1 2023	Q1 2023	Q1 2023
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-022723	CFR-TARHEEL-24-030223	CFR-TARHEEL-24-030623	CFR-TARHEEL-24-030923	CFR-TARHEEL-24-031323
Sample Date	02/27/23	03/02/23	03/06/23	03/09/23	03/13/23
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	02/27/23 12:00 AM	03/02/23 12:00 AM	03/06/23 12:00 AM	03/09/23 12:00 AM	03/13/23 12:00 AM
Sample Stop Date and Time	02/27/23 11:00 PM	03/02/23 11:00 PM	03/06/23 11:00 PM	03/09/23 11:00 PM	03/13/23 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	LIQUID
Sample Delivery Group (SDG)	320-97428-1	320-97428-1	320-97830-1	320-97830-1	320-97830-1
Lab Sample ID	320-97428-1	320-97428-2	320-97830-1	320-97830-2	320-97830-3
Table 3+ SOP (ng/L)					
HFPO-DA	**4.5**	**4.0**	**2.2**	**15**	**4.5**
PFMOAA	**8.5**	**8.1**	<2.0	<2.0	<2.0
PFO2HxA	**3.9**	**4.4**	**2.5**	**6.0**	**6.5**
PFO3OA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	**20**	**12**
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	**8.7 J**	<2.0
Hydrolyzed PSDA	**2.1 J**	**3.7 J**	<2.0	**15 J**	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**2.6**	**4.0**	<2.0	**2.1**	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	**6.0 J**	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**3.4**	**3.5**	**3.3**	**4.8**	**3.1**
Total Attachment C[1,2]	**17**	**17**	**4.7**	**41**	**23**
Total Table 3+ (17 compounds)[2,3]	**20**	**21**	**4.7**	**43**	**23**
Total Table 3+ (20 compounds)[2]	**22**	**24**	**4.7**	**73**	**23**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2023	Q1 2023	Q1 2023	Q1 2023	Q1 2023
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-031623	CFR-TARHEEL-24-032023	CFR-TARHEEL-24-032023-D	CFR-TARHEEL-24-032323	CFR-TARHEEL-24-032723
Sample Date	03/16/23	03/20/23	03/20/23	03/23/23	03/27/23
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	03/16/23 12:00 AM	03/20/23 12:00 AM	03/20/23 12:00 AM	03/23/23 12:00 AM	03/27/23 12:00 AM
Sample Stop Date and Time	03/16/23 11:00 PM	03/20/23 11:00 PM	03/20/23 11:00 PM	03/23/23 11:00 PM	03/27/23 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC			Field Duplicate		
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-97997-1	320-97997-1	320-97997-1	320-98446-1	320-98446-1
Lab Sample ID	320-97997-1	320-97997-2	320-97997-3	320-98446-1	320-98446-2
Table 3+ SOP (ng/L)					
HFPO-DA	**3.1**	**8.1 J**	**4.4 J**	**3.3**	**6.8**
PFMOAA	<2.0	**5.7**	**5.6**	<2.0	**9.0**
PFO2HxA	**3.2**	**4.8**	**4.5**	**3.1**	**6.5**
PFO3OA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	**2.6 J**	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0	<2.0	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**3.1**	**4.1**	**3.5**	**3.1**	**4.2**
Total Attachment C[1,2]	**6.3**	**19**	**15**	**6.4**	**22**
Total Table 3+ (17 compounds)[2,3]	**6.3**	**19**	**15**	**6.4**	**22**
Total Table 3+ (20 compounds)[2]	**8.9**	**19**	**15**	**6.4**	**22**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q1 2023	Q2 2023	Q2 2023	Q2 2023	Q2 2023
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-033023	CFR-TARHEEL-24-040323	CFR-TARHEEL-24-040623	CFR-TARHEEL-18-040823	CFR-TARHEEL-041023
Sample Date	03/30/2023	04/03/2023	04/06/2023	04/08/2023	04/10/2023
Sample Type	Composite	Composite	Composite	Composite	Grab
Sample Start Date and Time	03/30/23 12:00 AM	04/03/23 12:00 AM	04/06/23 12:00 AM	04/08/23 12:00 AM	04/10/23 1:00 PM
Sample Stop Date and Time	03/30/23 11:00 PM	04/03/23 11:00 PM	04/06/23 11:00 PM	04/08/23 11:00 PM	--
Composite Duration (hours)	24	24	24	18	0
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-98715-1	320-98715-1	320-98715-1	320-98947-1	320-98947-1
Lab Sample ID	320-98715-1	320-98715-2	320-98715-3	320-98947-1	320-98947-2
Table 3+ SOP (ng/L)					
HFPO-DA	**2.1**	**2.8**	**3.3**	**7.6**	**4.1**
PFMOAA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO2HxA	**2.3**	**3.8**	**3.8**	**4.2**	<2.0
PFO3OA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	**2.6**	**2.7**
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0	<2.0	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	**2.3**	**2.5**
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**3.2**	**3.0**	**3.1**	**3.0**	<2.0
Total Attachment C[1,2]	**4.4**	**6.6**	**7.1**	**14**	**6.8**
Total Table 3+ (17 compounds)[2,3]	**4.4**	**6.6**	**7.1**	**17**	**9.3**
Total Table 3+ (20 compounds)[2]	**4.4**	**6.6**	**7.1**	**17**	**9.3**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2023	Q2 2023	Q2 2023	Q2 2023	Q2 2023
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-041123	CFR-TARHEEL-041323	CFR-TARHEEL-24-041723	CFR-TARHEEL-24-041723-D	CFR-TARHEEL-24-042023
Sample Date	04/11/2023	04/13/2023	04/17/2023	04/17/2023	04/20/2023
Sample Type	Grab	Grab	Composite	Field Duplicate	Composite
Sample Start Date and Time	4/10/2023 14:00:00 pM	4/10/2023 1:35:00 pM	04/17/23 12:00 AM	04/17/23 12:00 AM	04/20/23 12:00 AM
Sample Stop Date and Time	--	--	04/17/23 11:00 PM	04/17/23 11:00 PM	04/20/23 11:00 PM
Composite Duration (hours)	0	0	24	24	24
QA/QC					
Sample Matrix	LIQUID	LIQUID	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-98947-1	320-98947-1	320-99181-1	320-99181-1	320-99660-1
Lab Sample ID	320-98947-3	320-98947-4	320-99181-1	320-99181-2	320-99660-1
Table 3+ SOP (ng/L)					
HFPO-DA	**5.2**	**9.7**	<2.0	<2.0	<2.0
PFMOAA	<2.0	<2.0	<2.0 UJ	<2.0	<2.0
PFO2HxA	<2.0	**2.3**	<2.0	<2.0	**2.2**
PFO3OA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	**2.2**	**2.8**	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	<2.0	<2.0	<2.0	<2.0	<2.0
EVE Acid	**2.3**	**3.9**	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0	**2.5**	**3.4**	**3.6**	**3.9**
Total Attachment C[1,2]	**7.4**	**15**	**ND**	**ND**	**2.2**
Total Table 3+ (17 compounds)[2,3]	**9.7**	**19**	ND	ND	**2.2**
Total Table 3+ (20 compounds)[2]	**9.7**	**19**	ND	ND	**2.2**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2023	Q2 2023	Q2 2023	Q2 2023	Q2 2023
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-042423	CFR-TARHEEL-24-042723	CFR-TARHEEL-24-050123	CFR-TARHEEL-24-050423	CFR-TARHEEL-24-050823
Sample Date	04/24/2023	04/27/2023	05/01/2023	05/04/2023	05/08/2023
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	04/24/23 12:00 AM	04/27/23 12:00 AM	05/01/23 12:00 AM	05/04/23 12:00 AM	05/08/23 12:00 AM
Sample Stop Date and Time	04/24/23 11:00 PM	04/27/23 11:00 PM	05/01/23 11:00 PM	05/04/23 11:00 PM	05/08/23 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-99660-1	320-99885-1	320-99885-1	320-100275-1	320-100275-1
Lab Sample ID	320-99660-2	320-99885-1	320-99885-2	320-100275-1	320-100275-2
Table 3+ SOP (ng/L)					
HFPO-DA	<2.0	**2.6**	**2.4**	**4.0**	**3.0**
PFMOAA	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
PFO2HxA	**3.4**	**4.1**	**3.1**	<2.0	**2.2**
PFO3OA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	<10	<10	<10	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
Hydrolyzed PSDA	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
NVHOS	<2.0	<2.0	<2.0	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluoroheptanoic Acid	**3.7**	**2.5**	**2.9**	**2.8**	**4.0**
Total Attachment C[1,2]	**3.4**	**6.7**	**5.5**	**4.0**	**5.2**
Total Table 3+ (17 compounds)[2,3]	**3.4**	**6.7**	**5.5**	**4.0**	**5.2**
Total Table 3+ (20 compounds)[2]	**3.4**	**6.7**	**5.5**	**4.0**	**5.2**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2023	Q2 2023	Q2 2023	Q2 2023	Q2 2023
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-050823-D	CFR-TARHEEL-24-051123	CAP2Q23-CFR-TARHEEL-051123	CAP2Q23-CFR-TARHEEL-24-051223	CFR-TARHEEL-24-051523
Sample Date	05/08/2023	05/11/2023	05/11/2023	05/12/2023	05/15/2023
Sample Type	Composite	Composite	Grab	Composite	Composite
Sample Start Date and Time	05/08/23 12:00 AM	05/11/23 12:00 AM	05/11/23 5:20 PM	05/11/23 4:30 PM	05/15/23 12:00 AM
Sample Stop Date and Time	05/08/23 11:00 PM	05/11/23 11:00 PM	--	05/12/23 3:30 PM	05/15/23 11:00 PM
Composite Duration (hours)	24	24	0	24	24
QA/QC	Field Duplicate				
Sample Matrix	Liquid	Liquid			Liquid
Sample Delivery Group (SDG)	320-100275-1	320-100608-1	320-100312-1	320-100446-1	320-100608-1
Lab Sample ID	320-100275-3	320-100608-1	320-100312-1	320-100446-4	320-100608-2
Table 3+ SOP (ng/L)					
HFPO-DA	**4.3**	**4.0 J**	**4.1**	**5.3 J**	**4.2**
PFMOAA	<2.0	**5.9 J**	<2.0	**7.3 J**	**8.5**
PFO2HxA	**2.0**	**3.1 J**	**3.9**	**4.1 J**	**3.7**
PFO3OA	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0
PFO4DA	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0
PFO5DA	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0
PMPA	<10	<10 UJ	<10	<10 UJ	<10
PEPA	<20	<20 UJ	<20	<20 UJ	<20
PS Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0
Hydro-PS Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0
R-PSDA	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0
Hydrolyzed PSDA	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0
R-PSDCA	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0
NVHOS	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0
EVE Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0
Hydro-EVE Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0
R-EVE	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0
PES	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0
PFECA B	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0
PFECA-G	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0
Perfluoroheptanoic Acid	**3.9**	**2.1 J**	**3.8**	**3.8**	<2.0
Total Attachment C[1,2]	**6.3**	**13**	**8**	**17**	**16**
Total Table 3+ (17 compounds)[2,3]	**6.3**	**13**	**8**	**17**	**16**
Total Table 3+ (20 compounds)[2]	**6.3**	**13**	**8**	**17**	**16**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2023	Q2 2023	Q2 2023	Q2 2023	Q2 2023
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-24-051823	CFR-TARHEEL-24-052223	CFR-TARHEEL-24-052523	CFR-TARHEEL-24-052923	CFR-TARHEEL-24-060223
Sample Date	05/18/2023	05/22/2023	05/25/2023	05/29/2023	06/02/2023
Sample Type	Composite	Composite	Composite	Composite	Composite
Sample Start Date and Time	05/18/23 12:00 AM	05/22/23 12:00 AM	05/25/23 12:00 AM	05/29/23 12:00 AM	06/02/23 12:00 AM
Sample Stop Date and Time	05/18/23 11:00 PM	05/22/23 11:00 PM	05/25/23 11:00 PM	05/29/23 11:00 PM	06/02/23 11:00 PM
Composite Duration (hours)	24	24	24	24	24
QA/QC					
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-100783-1	320-100783-1	320-100993-1	320-100993-1	320-101275-1
Lab Sample ID	320-100783-1	320-100783-2	320-100993-1	320-100993-2	320-101275-1
Table 3+ SOP (ng/L)					
HFPO-DA	**4.4**	**4.6**	**4.1 J**	**10 J**	**4.5**
PFMOAA	**6.0**	**6.6**	**9.1 J**	**14 J**	<2.0
PFO2HxA	**3.9**	**3.7**	**4.8 J**	**8.2 J**	**4.1**
PFO3OA	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
PFO4DA	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
PFO5DA	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
PMPA	<10	<10	<10 UJ	**11 J**	**12**
PEPA	<20	<20	<20 UJ	<20 UJ	<20
PS Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
R-PSDA	<2.0	<2.0	<2.0 UJ	**2.0 J**	**4.0 J**
Hydrolyzed PSDA	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
R-PSDCA	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
NVHOS	<2.0	<2.0	<2.0 UJ	<2.0 UJ	**3.3**
EVE Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
R-EVE	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
PES	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
PFECA B	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
PFECA-G	<2.0	<2.0	<2.0 UJ	<2.0 UJ	<2.0
Perfluoroheptanoic Acid	<2.0	<2.0	**3.2 J**	**3.3 J**	**3.5**
Total Attachment C[1,2]	**14**	**15**	**18**	**43**	**21**
Total Table 3+ (17 compounds)[2,3]	**14**	**15**	**18**	**43**	**24**
Total Table 3+ (20 compounds)[2]	**14**	**15**	**18**	**45**	**28**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2023	Q2 2023	Q2 2023	Q2 2023	Q2 2023
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL
Field Sample ID	CFR-TARHEEL-060623	CFR-TARHEEL-24-060923	CFR-TARHEEL-24-061223	CFR-TARHEEL-24-061223-D	CFR-TARHEEL-24-061523
Sample Date	06/06/2023	06/09/2023	06/12/2023	06/12/2023	06/15/2023
Sample Type	Grab	Composite	Composite	Composite	Composite
Sample Start Date and Time	06/06/23 11:05 AM	06/09/23 12:00 AM	06/12/23 12:00 AM	06/12/23 12:00 AM	06/15/23 12:00 AM
Sample Stop Date and Time	--	06/09/23 11:00 PM	06/12/23 11:00 PM	06/12/23 11:00 PM	06/15/23 11:00 PM
Composite Duration (hours)	0	24	24	24	24
QA/QC				Field Duplicate	
Sample Matrix	LIQUID	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-101275-1	320-101516-1	320-101516-1	320-101516-1	320-101796-1
Lab Sample ID	320-101275-2	320-101516-1	320-101516-2	320-101516-3	320-101796-1
Table 3+ SOP (ng/L)					
HFPO-DA	**4.8**	**7.6**	**6.1**	**6.6**	**5.1**
PFMOAA	<2.0	**13**	**13**	**10**	**14**
PFO2HxA	**5.5**	**8.5**	**8.4 J**	**5.9 J**	**6.6**
PFO3OA	<2.0	**2.0**	<2.0	<2.0	<2.0
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**15**	<10	<10	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDA	**5.4 J**	**2.1 J**	<2.0	<2.0	<2.0
Hydrolyzed PSDA	**2.4 J**	<2.0	**2.1 J**	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2.0
NVHOS	**2.9**	<2.0	<2.0	<2.0	<2.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	<2.0	<2.0	<2.0	<2.0	<2.0
PES	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**3.5**	**4.2**	**3.1**	**3.0**	**3.3**
Total Attachment C[1,2]	**25**	**31**	**28**	**23**	**26**
Total Table 3+ (17 compounds)[2,3]	**28**	**31**	**28**	**23**	**26**
Total Table 3+ (20 compounds)[2]	**36**	**33**	**30**	**23**	**26**

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2023	Q2 2023	Q2 2023	Q2 2023	Q1 2020
Location ID	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	CFR-TARHEEL	EB
Field Sample ID	CFR-TARHEEL-24-061923	CFR-TARHEEL-24-062223	CFR-TARHEEL-24-062623	CFR-TARHEEL-24-062923	CFR-EQBLK-1-040820
Sample Date	06/19/2023	06/22/2023	06/26/2023	06/29/2023	04/08/20
Sample Type	Composite	Composite	Composite	Composite	Grab
Sample Start Date and Time	06/19/23 12:00 AM	06/22/23 12:00 AM	06/26/23 12:00 AM	06/29/23 12:00 AM	-
Sample Stop Date and Time	06/19/23 11:00 PM	06/22/23 11:00 PM	06/26/23 11:00 PM	06/29/23 11:00 PM	-
Composite Duration (hours)	24	24	24	24	-
QA/QC					Equipment Blank
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-101796-1	320-102143-1	320-102143-1	320-102369-1	320-60098-1
Lab Sample ID	320-101796-2	320-102143-1	320-102143-2	320-102369-1	320-60098-5
Table 3+ SOP (ng/L)					
HFPO-DA	**5.2**	**11**	**3.3**	**2.6**	<4
PFMOAA	**14**	**10**	<2.0	**3.5**	<5
PFO2HxA	**7.1**	**7.5**	**2.7**	**2.6**	<2
PFO3OA	<2.0	<2.0	<2.0	<2.0	<2
PFO4DA	<2.0	<2.0	<2.0	<2.0	<2
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2
PMPA	<10	**15**	<10	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2.0	<2.0	<2.0	<2.0	<2
Hydro-PS Acid	<2.0	<2.0	<2.0	<2.0	<2
R-PSDA	**2.6 J**	<2.0	<2.0	<2.0	<2
Hydrolyzed PSDA	<2.0	<2.0	<2.0	<2.0	<2
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<2
NVHOS	<2.0	<2.0	<2.0	<2.0	<2
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2
R-EVE	<2.0	<2.0	<2.0	<2.0	<2
PES	<2.0	<2.0	<2.0	<2.0	<2
PFECA B	<2.0	<2.0	<2.0	<2.0	<2
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2
Perfluoroheptanoic Acid	**4.4**	**4.3**	**5.2**	**6.3**	<2
Total Attachment C[1,2]	**26**	**44**	**6**	**8.7**	ND
Total Table 3+ (17 compounds)[2,3]	**26**	**44**	**6**	**8.7**	ND
Total Table 3+ (20 compounds)[2]	**29**	**44**	**6**	**8.7**	ND

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q2 2020	Q2 2020	Q2 2020	Q2 2020
Location ID	EB	EB	FBLK	FBLK
Field Sample ID	CFR-TARHEEL-EB-052520	CFR-TARHEEL-EB-060120	CFR-TARHEEL-FB-052520	CFR-TARHEEL-FB-060120
Sample Date	05/25/20	06/01/20	05/25/20	06/01/20
Sample Type	Grab	Grab	Grab	Grab
Sample Start Date and Time	-	-	-	-
Sample Stop Date and Time	-	-	-	-
Composite Duration (hours)	-	-	-	-
QA/QC	Equipment Blank	Equipment Blank	Field Blank	Field Blank
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-61296-1	320-61452-1	320-61296-1	320-61452-1
Lab Sample ID	320-61296-4	320-61452-4	320-61296-3	320-61452-3
Table 3+ SOP (ng/L)				
HFPO-DA	<2	<2	<2	<2
PFMOAA	<5	<2	<5	<2
PFO2HxA	<2	<2	<2	<2
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	**4.1**	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	<10	<13	<10	<13
PEPA	<20	<2	<20	<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	<2	<2	<2	<2
NVHOS	<2	<2	<2	<2
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	<2	<2	<2	<2
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Perfluoroheptanoic Acid	--	--	--	<2 UJ
Total Attachment C[1,2]	ND	**4.1**	ND	ND
Total Table 3+ (17 compounds)[2,3]	ND	**4.1**	ND	ND
Total Table 3+ (20 compounds)[2]	ND	**4.1**	ND	ND

TABLE B1
CAPE FEAR RIVER TAR HEEL ANALYTICAL RESULTS - HISTORICAL
Chemours Fayetteville Works, North Carolina

Sampling Event	Q3 2020	Q1 2022
Location ID	**EB**	**EB**
Field Sample ID	**CAP3Q20-EQBLK-ISCO-072920**	**CFR-TARHEEL-EB-031822**
Sample Date	**07/29/20**	**03/18/22**
Sample Type	**Grab**	**Grab**
Sample Start Date and Time	-	-
Sample Stop Date and Time	-	-
Composite Duration (hours)	-	-
QA/QC	**Equipment Blank**	**Equipment Blank**
Sample Matrix	**LIQUID**	**LIQUID**
Sample Delivery Group (SDG)	**320-63228-1**	**320-85968-1**
Lab Sample ID	**320-63228-4**	**320-85968-3**
Table 3+ SOP (ng/L)		
HFPO-DA	<2	<2.0
PFMOAA	<2	<2.0
PFO2HxA	<2	<2.0
PFO3OA	<2	<2.0
PFO4DA	<2	<2.0
PFO5DA	<2	<2.0
PMPA	<20	<10
PEPA	<10	<20
PS Acid	<2	<2.0
Hydro-PS Acid	<2	<2.0
R-PSDA	<2 UJ	<2.0
Hydrolyzed PSDA	<2 UJ	<2.0
R-PSDCA	<2	<2.0
NVHOS	<2	<2.0
EVE Acid	<2	<2.0
Hydro-EVE Acid	<2	<2.0
R-EVE	<2 UJ	<2.0
PES	<2	<2.0
PFECA B	<2	<2.0
PFECA-G	<2	<2.0
Perfluoroheptanoic Acid	<2	<2.0
Total Attachment C[1,2]	ND	ND
Total Table 3+ (17 compounds)[2,3]	ND	ND
Total Table 3+ (20 compounds)[2]	ND	ND

Notes:
Bold - Analyte detected above associated reporting limit.
B - analyte detected in an associated blank.
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
SDG - Sample Delivery Group
SOP - standard operating procedure
UJ - Analyte not detected. Reporting limit may not be accurate or precise.
< - Analyte not detected above associated reporting limit.
- - not applicable
1 - Total Attachment C does not include Perfluoroheptanoic acid (PFHpA).
2 - Total Table 3+ and Total Attachment C were calculated including J qualified data but not 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, and R-EVE.
4 - Samples collected on November 24 and 26, 2020 were reanalyzed via method Table 3+ SOP. These reanalysis results were used in mass loading calculations.
5 - Samples collected on February 22, 24, and 25, 2021 were reanalyzed via modified method 537 Max. These reanalysis results were used in mass loading calculations.
6 - Samples collected on March 24 and 25, 2021 were reanalyzed and via modified method 537 Max (filtered and unfiltered). The unfiltered reanalysis results were used in mass loading calculations.
7 - Battery failure caused sampling to stop after 21 cycles.
8 - Sample collected on May 26, 2021 were reanalyzed and via modified method 537 Max (filtered and unfiltered). These reanalysis results are used in mass loading calculations.
9 - Samples collected at CFR-TARHEEL on August 19 and August 20, 2021 were reanalyzed. The reanalyzed results were used in mass loading calculations.

TABLE B2
SEEP AND SURFACE WATER OTHER PFAS ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	CFR-BLADEN	CFR-KINGS	CFR-MILE-76	CFR-TARHEEL	CFR-TARHEEL	GBC-1	OLDOF-1
Field Sample ID	CAP2Q23-CFR-BLADEN-051123	CAP2Q23-CFR-KINGS-051623	CAP2Q23-CFR-RM-76-051123	CAP2Q23-CFR-TARHEEL-051123	CAP2Q23-CFR-TARHEEL-24-051223	CAP2Q23-GBC-1-051123	CAP2Q23-OLDOF-1-24-051223
Sample Date	05/11/23	05/16/23	05/11/23	05/11/23	05/12/23	05/11/23	05/12/23
QA/QC							
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID	Liquid	LIQUID	Liquid
Sample Delivery Group (SDG)	320-100312-1	320-100446-1	320-100313-1	320-100312-1	320-100446-1	320-100313-1	320-100313-1
Lab Sample ID	320-100312-2	320-100446-3	320-100313-1	320-100312-1	320-100446-4	320-100313-2	320-100313-3
537 Mod (ng/L)							
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9Cl-PF3ONS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
DONA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Perfluorobutane Sulfonic Acid	**5.1**	**4.7**	**5.1**	**5.5**	**4.4**	**2.8**	<2.0
Perfluorobutanoic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	**7.8**	**15**
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**4.0**	**3.5**	**3.9**	**3.8**	**3.8**	<2.0	**7.9**
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexane Sulfonic Acid	**4.6**	**4.5**	**4.7**	**4.9**	**4.9**	<2.0	<2.0
Perfluorohexanoic Acid	**7.2**	**6.8**	**7.2**	**6.9**	**7.1**	**2.3**	**3.2**
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoropentanoic Acid	**7.5**	**6.7**	**7.4**	**6.9**	**6.3**	**7.5**	**46**
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFOA	**7.6**	**7.1**	**7.9**	**7.9**	**8.2**	**2.3**	**6.0**
PFOS	**15**	**14**	**14**	**15**	**17**	<2.0	<2.0

TABLE B2
SEEP AND SURFACE WATER OTHER PFAS ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	OUTFALL 002A	OUTFALL 002A	River Water Intake 2	SEEP-A-EFF	SEEP-B-EFF[1]	SEEP-C-EFF[1]	SEEP-D-EFF
Field Sample ID	CAP2Q23-OUTFALL-002A-24-051123	OUTFALL-002A-24-051123-D	RIVER-WATER-INTAKE2-24-051223	CAP2Q23-SEEP-A-EFF-24-051623	--	--	CAP2Q23-SEEP-D-EFF-24-051623
Sample Date	05/12/23	05/12/23	05/12/2023	05/16/2023	--	--	05/16/2023
QA/QC		Field Duplicate			--	--	
Sample Matrix	Liquid	Liquid	Liquid	Liquid	--	--	Liquid
Sample Delivery Group (SDG)	320-100313-1	320-100313-1	320-100313-1	320-100446-1	--	--	320-100446-1
Lab Sample ID	320-100313-4	320-100313-5	320-100313-6	320-100446-1	--	--	320-100446-2
537 Mod (ng/L)							
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<4.0	--	--	<4.0
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<5.0	--	--	<5.0
9Cl-PF3ONS	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
DONA	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	--	--	<5.0
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	--	--	<5.0
Perfluorobutane Sulfonic Acid	**5.1**	**5.1**	**5.2**	<2.0	--	--	<2.0
Perfluorobutanoic Acid	<5.0	<5.0	<5.0	<5.0	--	--	<5.0
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0 UJ	<2.0	<2.0	<2.0	--	--	<2.0
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Perfluoroheptanoic Acid	**3.9**	**4.1**	**3.9**	<2.0	--	--	<2.0
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Perfluorohexane Sulfonic Acid	**4.8**	**5.0**	**4.7**	<2.0	--	--	<2.0
Perfluorohexanoic Acid	**7.5**	**8.0**	**6.7**	<2.0	--	--	<2.0
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<2.0	--	--	<2.0 UJ
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Perfluoropentanoic Acid	**7.1**	**7.2**	**6.5**	**4.0**	--	--	<2.0
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
PFOA	**8.9**	**8.2**	**7.5**	<2.0	--	--	<2.0
PFOS	**12**	**13**	**12**	<2.0	--	--	<2.0

TABLE B2
SEEP AND SURFACE WATER OTHER PFAS ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	WC-1	EB	EB	EB
Field Sample ID	CAP2Q23-WC-1-24-051223	CAP2Q23-EBLK-PP-051623	CAP2Q23-EQBLK-DV-051723	CAP2Q23-EQBLK-IS-051723
Sample Date	05/12/2023	05/16/2023	05/17/2023	05/17/2023
QA/QC			Equipment Blank	Equipment Blank
Sample Matrix	Liquid	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-100312-1	320-100446-1	320-100611-1	320-100611-1
Lab Sample ID	320-100312-3	320-100446-5	320-100611-9	320-100611-6
537 Mod (ng/L)				
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0 UJ	<2.0 UJ
11Cl-PF3OUdS	<2.0	<2.0	<2.0 UJ	<2.0 UJ
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0 UJ	<2.0 UJ
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0 UJ	<2.0 UJ
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0 UJ	<2.0 UJ
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0 UJ	<4.0 UJ
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0 UJ	<5.0 UJ
9Cl-PF3ONS	<2.0	<2.0	<2.0 UJ	<2.0 UJ
DONA	<2.0	<2.0	<2.0 UJ	<2.0 UJ
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0 UJ	<5.0 UJ
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0 UJ	<2.0 UJ
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0 UJ	<2.0 UJ
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0 UJ	<5.0 UJ
Perfluorobutane Sulfonic Acid	**4.6**	<2.0	<2.0 UJ	<2.0 UJ
Perfluorobutanoic Acid	**6.3**	<5.0	<5.0 UJ	<5.0 UJ
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Perfluorodecanoic Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Perfluorododecanoic Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Perfluoroheptanoic Acid	**2.4**	<2.0	<2.0 UJ	<2.0 UJ
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Perfluorohexanoic Acid	**3.7**	<2.0	<2.0 UJ	<2.0 UJ
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Perfluorononanoic Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Perfluoropentanoic Acid	**11**	<2.0	<2.0 UJ	<2.0 UJ
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0 UJ	<2.0 UJ
PFOA	**7.7**	<2.0	<2.0 UJ	<2.0 UJ
PFOS	<2.0	<2.0	<2.0 UJ	<2.0 UJ

Notes:

1 - There was insufficient flow observed at Seeps B and C FTC effluent basins at the time of sampling and therefore samples were not collected.

Bold - Analyte detected above associated reporting limit
B - Analyte detected in an associated blank
EPA - Environmental Protection Agency
J - Analyte detected. Reported value may not be accurate or precise
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
< - Analyte not detected above associated reporting limit.

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2020_Q2_1	4/1/20 0:00	4/2/20 13:30	20,554,293	0.21	0.86	0.29	0.07	0.00	0.00	0.35	0.00	0.00	0.00	0.16	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	1.8	1.8	2.2
2020_Q2_2	4/2/20 13:30	4/3/20 15:00	9,680,794	0.17	0.48	0.21	0.05	0.00	0.00	0.28	0.00	0.00	0.00	0.13	0.17	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.10	1.2	1.2	1.5
2020_Q2_3	4/3/20 15:00	4/6/20 0:30	15,262,299	0.28	1.15	0.42	0.10	0.02	0.04	0.42	0.00	0.00	0.00	0.18	0.39	0.00	0.05	0.00	0.00	0.03	0.00	0.00	0.00	0.06	2.4	2.5	3.1
2020_Q2_4	4/6/20 0:30	4/9/20 6:30	16,458,063	0.33	1.55	0.54	0.13	0.05	0.08	0.51	0.00	0.00	0.00	0.21	0.51	0.00	0.08	0.00	0.00	0.06	0.00	0.00	0.00	0.00	3.2	3.3	4.1
2020_Q2_5	4/9/20 6:30	4/15/20 14:30	38,570,773	0.49	2.35	0.85	0.21	0.05	0.23	0.93	0.00	0.00	0.00	0.25	0.78	0.00	0.10	0.00	0.00	0.07	0.00	0.00	0.00	0.00	5.1	5.2	6.3
2020_Q2_6	4/15/20 14:30	4/19/20 1:30	55,521,209	0.31	1.55	0.61	0.14	0.00	0.38	0.94	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.9	3.9	4.5
2020_Q2_7	4/19/20 1:30	4/19/20 2:00	225,289	0.00	0.01	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	0.0	0.0	0.0
2020_Q2_8	4/19/20 2:00	4/22/20 13:30	27,903,959	0.33	1.42	0.53	0.14	0.00	0.15	0.70	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.3	3.3	3.8
2020_Q2_9	4/22/20 13:30	4/22/20 13:49	160,557	0.00	0.01	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	0.0	0.0	0.0
2020_Q2_10	4/22/20 13:49	4/26/20 0:49	28,492,156	0.31	1.51	0.54	0.14	0.00	0.00	0.60	0.00	0.00	0.00	0.21	0.66	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.1	3.2	4.0
2020_Q2_11	4/26/20 0:49	4/29/20 11:49	22,888,734	0.30	1.35	0.55	0.13	0.00	0.00	0.53	0.00	0.00	0.00	0.30	0.62	0.00	0.09	0.00	0.00	0.05	0.00	0.00	0.00	0.00	2.9	2.9	3.9
2020_Q2_12	4/29/20 11:49	4/30/20 9:49	7,256,900	0.09	0.30	0.14	0.03	0.00	0.00	0.17	0.00	0.00	0.00	0.12	0.16	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.7	0.8	1.1
2020_Q2_13	4/30/20 9:49	5/2/20 23:49	54,163,870	0.65	1.46	0.87	0.19	0.00	0.00	1.30	0.00	0.00	0.00	1.08	0.97	0.00	0.18	0.00	0.00	0.32	0.00	0.00	0.00	0.00	4.5	4.6	7.0
2020_Q2_14	5/2/20 23:49	5/3/20 0:49	1,358,359	0.01	0.03	0.02	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.1
2020_Q2_15	5/3/20 0:49	5/6/20 11:49	72,975,232	0.45	1.31	0.72	0.15	0.00	0.00	1.09	0.00	0.00	0.00	0.80	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.7	3.7	5.4
2020_Q2_16	5/6/20 11:49	5/6/20 12:49	765,319	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.1	0.1
2020_Q2_17	5/6/20 12:49	5/9/20 23:49	44,228,479	0.42	1.50	0.62	0.17	0.00	0.00	0.80	0.00	0.00	0.00	0.57	0.66	0.00	0.10	0.00	0.00	0.12	0.00	0.00	0.00	0.00	3.5	3.6	5.0
2020_Q2_18	5/9/20 23:49	5/13/20 9:49	15,999,330	0.21	1.10	0.43	0.11	0.03	0.00	0.35	0.00	0.00	0.00	0.19	0.54	0.00	0.05	0.00	0.00	0.08	0.00	0.00	0.00	0.00	2.2	2.3	3.1
2020_Q2_19	5/13/20 9:49	5/13/20 19:49	1,738,598	0.03	0.16	0.06	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.03	0.08	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.3	0.3	0.5
2020_Q2_20	5/13/20 19:49	5/14/20 19:49	3,590,095	0.02	0.08	0.03	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.2	0.2	0.2
2020_Q2_21	5/14/20 19:49	5/16/20 19:49	6,338,160	0.12	0.60	0.23	0.05	0.02	0.00	0.17	0.00	0.00	0.00	0.10	0.30	0.00	0.03	0.00	0.00	0.04	0.00	0.00	0.00	0.00	1.2	1.2	1.7
2020_Q2_22	5/16/20 19:49	5/16/20 21:49	257,400	0.01	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.1
2020_Q2_23	5/16/20 21:49	5/20/20 8:49	10,892,358	0.27	1.31	0.49	0.11	0.03	0.00	0.35	0.22	0.02	0.00	0.16	0.59	0.00	0.04	0.00	0.00	0.09	0.00	0.00	0.00	0.00	2.8	2.8	3.7
2020_Q2_24	5/20/20 8:49	5/25/20 10:15	216,311,428	2.92	12.98	5.10	1.08	0.32	0.00	3.46	2.16	0.24	0.00	1.62	6.21	0.00	0.41	0.00	0.00	1.09	0.00	0.00	0.00	0.00	28.3	28.7	37.6
2020_Q2_25	5/25/20 10:15	5/29/20 9:10	171,453,975	0.56	0.00	0.75	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	0.17	0.00	0.00	0.00	0.00	1.3	1.3	1.8
2020_Q2_26	5/29/20 9:10	6/1/20 14:25	171,922,902	0.56	0.49	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.9	1.9	2.3
2020_Q2_27	6/1/20 14:25	6/5/20 10:55	172,282,243	0.57	1.27	0.83	0.00	0.00	0.00	2.33	0.00	0.00	0.00	0.20	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	5.0	5.9
2020_Q2_28	6/5/20 10:55	6/5/20 11:06	374,632	0.00	0.00	0.00	0.00	0.00	0.00	0.01	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	0.0	0.0	0.0
2020_Q2_29	6/5/20 11:06	6/6/20 15:06	39,800,177	0.26	0.39	0.33	0.00	0.00	0.00	0.68	0.00	0.14	0.00	0.23	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.8	1.8	2.3
2020_Q2_30	6/6/20 15:06	6/8/20 22:06	64,612,531	0.51	0.82	0.66	0.09	0.00	0.00	1.31	0.08	0.13	0.00	0.45	0.51	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	3.6	3.6	4.7
2020_Q2_31	6/8/20 22:06	6/12/20 8:06	57,423,931	0.57	0.98	0.75	0.20	0.00	0.00	1.44	0.18	0.00	0.00	0.49	0.52	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	4.1	4.1	5.3
2020_Q2_32	6/12/20 8:06	6/12/20 9:06	684,022	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.1
2020_Q2_33	6/12/20 9:06	6/15/20 19:06	58,162,491	0.87	0.81	0.76	0.17	0.00	0.00	1.57	0.19	0.00	0.00	0.27	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.4	4.4	5.1
2020_Q2_34	6/15/20 19:06	6/15/20 20:06	550,479	0.01	0.01	0.01	0.00	0.00	0.00	0.02	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	0.0	0.0	0.1
2020_Q2_35	6/15/20 20:06	6/19/20 6:06	87,694,442	1.40	0.96	1.58	0.33	0.00	0.00	3.16	0.47	0.00	0.00	0.45	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.9	7.9	9.0
2020_Q2_36	6/19/20 6:06	6/19/20 7:06	1,182,512	0.01	0.01	0.02	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.1
2020_Q2_37	6/19/20 7:06	6/22/20 17:06	118,768,500	0.69	0.58	0.95	0.00	0.00	0.00	2.49	0.00	0.00	0.00	0.67	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.7	4.7	5.9
2020_Q2_38	6/22/20 17:06	6/22/20 18:06	1,366,005	0.01	0.02	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.1
2020_Q2_39	6/22/20 18:06	6/26/20 4:06	69,784,235	0.69	2.09	0.91	0.20	0.00	0.00	1.40	0.22	0.00	0.00	0.77	0.84	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	5.5	5.5	7.4
2020_Q2_40	6/26/20 4:06	6/26/20 5:06	677,905	0.01	0.03	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.1
2020_Q2_41	6/26/20 5:06	6/29/20 15:06	36,416,258	0.55	1.78	0.66	0.15	0.00	0.00	0.95	0.16	0.00	0.00	0.55	0.62	0.00	0.09	0.00	0.00	0.18	0.00	0.00	0.00	0.00	4.2	4.3	5.7
2020_Q2_42	6/29/20 15:06	6/29/20 16:06	296,138	0.01	0.01	0.01	0.00	0.00	0.00	0.01	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	0.0	0.0	0.0
2020_Q2_43	6/29/20 16:06	7/2/20 8:06	16,561,787	0.31	0.00	0.41	0.09	0.04	0.00	0.45	0.09	0.00	0.00	0.07	0.20	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.4	1.4	1.7
2020_Q3_1	7/2/20 8:06	7/2/20 8:29	122,584	0.00	0.01	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	0.0	0.0	0.0
2020_Q3_2	7/2/20 8:29	7/3/20 7:29	5,552,962	0.11	0.33	0.14	0.03	0.01	0.00	0.22	0.00	0.00	0.00	0.12	0.16	0.00	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.8	0.9	1.2

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2020_Q3_3	7/3/20 7:29	7/6/20 8:29	15,272,238	0.29	1.20	0.44	0.09	0.04	0.00	0.53	0.00	0.00	0.00	0.34	0.47	0.00	0.06	0.00	0.00	0.09	0.00	0.00	0.00	0.00	2.6	2.6	3.6
2020_Q3_4	7/6/20 8:29	7/7/20 7:29	4,575,096	0.09	0.44	0.14	0.03	0.01	0.00	0.14	0.00	0.00	0.00	0.11	0.16	0.00	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.9	0.9	1.2
2020_Q3_5	7/7/20 7:29	7/9/20 12:01	12,348,326	0.21	1.07	0.35	0.07	0.02	0.00	0.35	0.00	0.00	0.00	0.22	0.41	0.00	0.05	0.00	0.00	0.06	0.00	0.00	0.00	0.00	2.1	2.1	2.8
2020_Q3_6	7/9/20 12:01	7/10/20 11:01	5,842,473	0.09	0.45	0.15	0.03	0.00	0.00	0.15	0.00	0.00	0.00	0.07	0.19	0.00	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.9	0.9	1.2
2020_Q3_7	7/10/20 11:01	7/13/20 0:01	14,776,297	0.23	1.01	0.39	0.09	0.02	0.00	0.39	0.00	0.02	0.00	0.25	0.47	0.00	0.05	0.00	0.00	0.08	0.00	0.00	0.00	0.00	2.2	2.2	3.0
2020_Q3_8	7/13/20 0:01	7/13/20 23:01	5,890,640	0.05	0.18	0.08	0.02	0.01	0.00	0.08	0.00	0.01	0.00	0.06	0.09	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.4	0.4	0.6
2020_Q3_9	7/13/20 23:01	7/16/20 0:01	12,180,378	0.22	0.83	0.36	0.08	0.03	0.00	0.34	0.00	0.01	0.00	0.21	0.34	0.00	0.04	0.00	0.00	0.06	0.00	0.00	0.00	0.00	1.9	1.9	2.5
2020_Q3_10	7/16/20 0:01	7/16/20 23:01	4,890,093	0.10	0.37	0.15	0.03	0.01	0.00	0.14	0.00	0.00	0.00	0.06	0.12	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.8	0.8	1.0
2020_Q3_11	7/16/20 23:01	7/20/20 0:01	12,608,784	0.29	1.11	0.38	0.10	0.05	0.02	0.18	0.00	0.02	0.00	0.08	0.15	0.00	0.04	0.00	0.00	0.02	0.00	0.00	0.00	0.00	2.1	2.2	2.4
2020_Q3_12	7/20/20 0:01	7/20/20 23:01	4,441,299	0.12	0.44	0.13	0.04	0.02	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.8	0.8	0.8
2020_Q3_13	7/20/20 23:01	7/22/20 0:01	5,466,058	0.13	0.27	0.16	0.05	0.02	0.01	0.08	0.00	0.01	0.00	0.04	0.08	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.7	0.8	0.9
2020_Q3_14	7/22/20 0:01	7/22/20 23:01	4,514,442	0.10	0.00	0.14	0.04	0.01	0.01	0.13	0.00	0.01	0.00	0.06	0.13	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.4	0.5	0.7
2020_Q3_15	7/22/20 23:01	7/23/20 0:01	189,610	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0
2020_Q3_16	7/23/20 0:01	7/23/20 23:01	3,876,803	0.08	0.26	0.11	0.03	0.01	0.01	0.09	0.00	0.00	0.00	0.07	0.11	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.6	0.6	0.8
2020_Q3_17	7/23/20 23:01	7/27/20 0:01	20,315,242	0.35	1.10	0.49	0.11	0.03	0.02	0.24	0.00	0.00	0.00	0.29	0.44	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.3	2.4	3.1
2020_Q3_18	7/27/20 0:01	7/27/20 11:01	3,081,921	0.04	0.13	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.2	0.3	0.3
2020_Q3_19	7/27/20 11:01	7/28/20 16:20	8,598,694	0.12	0.34	0.16	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.7	0.7	0.8
2020_Q3_20	7/28/20 16:20	7/29/20 0:01	2,165,219	0.03	0.09	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2020_Q3_21	7/29/20 0:01	7/29/20 23:01	6,721,966	0.09	0.36	0.14	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.6	0.7	0.8
2020_Q3_22	7/29/20 23:01	7/30/20 0:01	322,132	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0
2020_Q3_23	7/30/20 0:01	7/30/20 23:01	9,169,306	0.10	0.38	0.17	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.7	0.7	0.9
2020_Q3_24	7/30/20 23:01	8/3/20 14:50	30,789,134	0.40	1.37	0.63	0.16	0.08	0.00	0.32	0.00	0.00	0.00	0.00	0.60	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.12	3.0	3.1	3.7
2020_Q3_25	8/3/20 14:50	8/4/20 12:30	6,376,388	0.19	0.30	0.19	0.05	0.02	0.00	0.21	0.04	0.01	0.01	0.00	0.17	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03	1.0	1.0	1.2
2020_Q3_26	8/4/20 12:30	8/5/20 23:55	30,928,538	0.75	0.85	0.70	0.15	0.07	0.00	0.70	0.19	0.07	0.04	0.00	0.53	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.12	3.5	3.6	4.1
2020_Q3_27	8/5/20 23:55	8/6/20 22:55	20,578,759	0.10	0.17	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.4	0.4	0.5
2020_Q3_28	8/6/20 22:55	8/9/20 22:38	58,359,492	0.37	0.24	0.82	0.18	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	1.7	1.7	1.7
2020_Q3_29	8/9/20 22:38	8/10/20 21:56	13,933,248	0.11	0.00	0.28	0.08	0.03	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	0.06	0.5	0.5	0.5
2020_Q3_30	8/10/20 21:56	8/12/20 0:01	20,465,095	0.14	0.28	0.32	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.08	0.15	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.09	0.8	0.8	1.1
2020_Q3_31	8/12/20 0:01	8/12/20 23:01	18,224,184	0.11	0.49	0.20	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.27	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.07	0.8	0.8	1.3
2020_Q3_32	8/12/20 23:01	8/17/20 0:01	68,965,142	0.32	1.45	0.59	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.74	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.22	2.4	2.4	3.7
2020_Q3_33	8/17/20 0:01	8/17/20 23:01	29,873,707	0.10	0.45	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.7	0.7	1.0
2020_Q3_34	8/17/20 23:01	8/20/20 0:01	60,110,322	0.29	1.23	0.55	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	2.1	2.1	3.0
2020_Q3_35	8/20/20 0:01	8/20/20 23:01	20,274,466	0.13	0.53	0.24	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.9	0.9	1.3
2020_Q3_36	8/20/20 23:01	8/25/20 0:01	82,304,076	0.55	2.43	1.11	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	4.3	4.3	5.0
2020_Q3_37	8/25/20 0:01	8/25/20 23:01	14,273,984	0.10	0.47	0.21	0.04	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	0.05	0.8	0.8	0.8
2020_Q3_38	8/25/20 23:01	8/27/20 11:18	13,059,107	0.12	0.63	0.25	0.06	0.01	0.00	0.15	0.00	0.00	0.00	0.03	0.15	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.05	1.2	1.2	1.4
2020_Q3_39	8/27/20 11:18	8/31/20 13:30	21,797,969	0.33	1.78	0.64	0.14	0.05	0.00	0.59	0.00	0.03	0.00	0.17	0.66	0.00	0.03	0.00	0.00	0.08	0.00	0.00	0.00	0.10	3.6	3.6	4.5
2020_Q3_40	8/31/20 13:30	9/3/20 0:01	30,093,899	0.39	1.82	0.71	0.17	0.04	0.00	0.47	0.00	0.04	0.00	0.22	0.70	0.00	0.04	0.00	0.00	0.07	0.00	0.00	0.00	0.12	3.6	3.7	4.7
2020_Q3_41	9/3/20 0:01	9/3/20 23:01	13,891,707	0.11	0.29	0.17	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.6	0.6	0.8
2020_Q3_42	9/3/20 23:01	9/7/20 0:01	30,452,220	0.30	0.72	0.44	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	1.6	1.6	2.0
2020_Q3_43	9/7/20 0:01	9/7/20 23:01	7,001,539	0.08	0.18	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.4	0.4	0.5
2020_Q3_44	9/7/20 23:01	9/10/20 0:01	11,457,874	0.22	0.46	0.27	0.07	0.01	0.00	0.17	0.00	0.02	0.00	0.08	0.32	0.00	0.02	0.00	0.00	0.04	0.00	0.00	0.00	0.04	1.2	1.2	1.7
2020_Q3_45	9/10/20 0:01	9/10/20 23:01	3,946,632	0.10	0.22	0.12	0.03	0.01	0.00	0.12	0.00	0.01	0.00	0.06	0.16	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.6	0.6	0.9
2020_Q3_46	9/10/20 23:01	9/14/20 0:01	15,795,194	0.35	0.72	0.44	0.10	0.02	0.00	0.24	0.00	0.03	0.00	0.14	0.51	0.00	0.06	0.00	0.00	0.05	0.00	0.00	0.00	0.08	1.9	1.9	2.7
2020_Q3_47	9/14/20 0:01	9/14/20 23:01	4,603,385	0.08	0.17	0.12	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.11	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.4	0.4	0.5
2020_Q3_48	9/14/20 23:01	9/17/20 0:01	8,296,694	0.18	0.15	0.24	0.05	0.01	0.00	0.14	0.00	0.01	0.01	0.06	0.22	0.00	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.04	0.8	0.8	1.1
2020_Q3_49	9/17/20 0:01	9/17/20 23:01	3,677,254	0.09	0.00	0.12	0.03	0.01	0.00	0.12	0.00	0.01	0.01	0.04	0.11	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.4	0.4	0.6
2020_Q3_50	9/17/20 23:01	9/18/20 0:01	207,959	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2020_Q3_51	9/18/20 0:01	9/18/20 10:01	2,953,221	0.12	0.00	0.12	0.03	0.01	0.00	0.14	0.03	0.02	0.01	0.15	0.14	0.00	0.02	0.01	0.00	0.02	0.00	0.00	0.00	0.01	0.5	0.5	0.8
2020_Q3_52	9/18/20 10:01	9/21/20 0:01	28,670,297	0.71	0.11	0.68	0.13	0.06	0.00	1.15	0.16	0.12	0.06	0.75	0.81	0.00	0.08	0.03	0.00	0.11	0.00	0.00	0.00	0.12	3.2	3.3	5.0
2020_Q3_53	9/21/20 0:01	9/21/20 23:01	15,482,746	0.11	0.12	0.13	0.00	0.00	0.00	0.53	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	0.06	0.9	0.9	1.0
2020_Q3_54	9/21/20 23:01	9/24/20 0:01	26,249,972	0.24	0.29	0.24	0.04	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	1.7	1.7	1.9
2020_Q3_55	9/24/20 0:01	9/24/20 23:01	10,370,932	0.11	0.15	0.10	0.03	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.7	0.7	0.8
2020_Q3_56	9/24/20 23:01	9/25/20 0:01	441,658	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0
2020_Q3_57	9/25/20 0:01	9/25/20 23:01	10,379,597	0.11	0.12	0.12	0.03	0.00	0.00	0.33	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	0.06	0.7	0.7	0.9
2020_Q3_58	9/25/20 23:01	9/26/20 0:01	523,210	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0
2020_Q3_59	9/26/20 0:01	9/26/20 23:01	19,396,757	0.23	0.17	0.25	0.05	0.00	0.00	0.66	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	0.10	1.4	1.4	1.6
2020_Q3_60	9/26/20 23:01	9/28/20 0:01	28,474,571	0.26	0.21	0.27	0.04	0.00	0.00	0.94	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	0.12	1.7	1.7	2.0
2020_Q3_61	9/28/20 0:01	9/28/20 23:01	22,732,255	0.14	0.14	0.14	0.00	0.00	0.00	0.73	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	1.2	1.2	1.3
2020_Q3_62	9/28/20 23:01	9/29/20 0:01	966,142	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0
2020_Q3_63	9/29/20 0:01	9/29/20 23:01	21,477,875	0.11	0.09	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.3	0.3	0.5
2020_Q3_64	9/29/20 23:01	*9/30/20 0:01*	900,646	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.1
2020_Q3_65	*9/30/20 0:01*	9/30/20 23:01	26,608,293	0.29	0.61	0.32	0.07	0.00	0.00	0.67	0.00	0.00	0.00	0.20	0.32	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.13	2.0	2.0	2.5
2020_Q4_1	9/30/20 23:01	10/1/20 0:01	1,360,908	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2020_Q4_2	10/1/20 0:01	10/1/20 17:01	22,630,824	0.12	0.07	0.15	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	0.12	0.3	0.3	0.3
2020_Q4_3	10/1/20 17:01	10/6/20 15:30	94,327,975	0.63	0.32	0.78	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	1.8	1.8	2.1
2020_Q4_4	10/6/20 15:30	10/6/20 23:30	3,102,054	0.03	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.1	0.1	0.1
2020_Q4_5	10/6/20 23:30	10/7/20 17:30	5,666,371	0.06	0.03	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.2	0.2	0.2
2020_Q4_6	10/7/20 17:30	10/8/20 16:30	6,244,374	0.08	0.05	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.2	0.2	0.3
2020_Q4_7	10/8/20 16:30	10/12/20 0:01	18,702,796	0.34	0.57	0.42	0.16	0.07	0.03	0.31	0.00	0.02	0.00	0.19	0.27	0.00	0.03	0.00	0.00	0.04	0.00	0.00	0.00	0.09	1.9	2.0	2.5
2020_Q4_8	10/12/20 0:01	10/12/20 23:01	9,731,254	0.22	0.53	0.29	0.13	0.08	0.03	0.32	0.00	0.02	0.00	0.19	0.20	0.00	0.03	0.00	0.00	0.05	0.00	0.00	0.00	0.04	1.6	1.7	2.1
2020_Q4_9	10/12/20 23:01	10/15/20 0:01	47,688,854	0.66	1.65	0.88	0.31	0.19	0.08	0.79	0.00	0.05	0.00	0.56	0.62	0.00	0.07	0.00	0.00	0.11	0.00	0.00	0.00	0.19	4.6	4.7	6.0
2020_Q4_10	10/15/20 0:01	10/15/20 23:01	20,096,070	0.09	0.30	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.5	0.5	0.7
2020_Q4_11	10/15/20 23:01	10/19/20 0:01	54,708,233	0.29	0.90	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	1.6	1.6	2.1
2020_Q4_12	10/19/20 0:01	10/19/20 23:01	17,102,073	0.10	0.31	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.5	0.5	0.7
2020_Q4_13	10/19/20 23:01	10/22/20 0:01	30,272,040	0.20	0.38	0.24	0.00	0.00	0.00	0.42	0.00	0.00	0.00	0.06	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	1.2	1.2	1.4
2020_Q4_14	10/22/20 0:01	10/22/20 23:01	11,426,018	0.08	0.08	0.09	0.00	0.00	0.00	0.32	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	0.06	0.6	0.6	0.6
2020_Q4_15	10/22/20 23:01	10/30/20 0:01	54,393,236	0.49	0.98	0.58	0.08	0.00	0.00	0.76	0.00	0.00	0.00	0.30	0.23	0.00	0.10	0.00	0.00	0.08	0.00	0.00	0.00	0.26	2.9	3.0	3.6
2020_Q4_16	10/30/20 0:01	10/30/20 23:01	8,775,306	0.10	0.25	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.07	0.00	0.03	0.00	0.00	0.02	0.00	0.00	0.00	0.04	0.5	0.5	0.7
2020_Q4_17	10/30/20 23:01	10/31/20 0:01	384,316	0.00	0.01	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	0.0	0.0	0.0
2020_Q4_18	10/31/20 0:01	10/31/20 23:01	9,568,914	0.08	0.26	0.11	0.02	0.00	0.00	0.20	0.00	0.00	0.00	0.09	0.06	0.00	0.04	0.00	0.00	0.02	0.00	0.00	0.00	0.05	0.7	0.7	0.9
2020_Q4_19	10/31/20 23:01	11/2/20 0:01	13,443,423	0.11	0.28	0.13	0.02	0.00	0.00	0.28	0.00	0.00	0.00	0.06	0.07	0.00	0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.07	0.8	0.9	1.0
2020_Q4_20	11/2/20 0:01	11/2/20 23:01	14,928,953	0.10	0.22	0.13	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.06	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.8	0.8	0.9
2020_Q4_21	11/2/20 23:01	11/5/20 0:01	28,761,279	0.19	0.53	0.26	0.03	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.13	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.16	1.7	1.7	1.8
2020_Q4_22	11/5/20 0:01	11/5/20 23:01	9,736,096	0.06	0.21	0.09	0.02	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.6	0.6	0.7
2020_Q4_23	11/5/20 23:01	11/9/20 0:01	19,869,252	0.18	0.57	0.26	0.06	0.00	0.00	0.48	0.00	0.00	0.00	0.16	0.19	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.09	1.5	1.6	2.0
2020_Q4_24	11/9/20 0:01	11/9/20 23:01	5,385,015	0.06	0.19	0.09	0.02	0.00	0.00	0.12	0.00	0.00	0.00	0.09	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.5	0.5	0.7
2020_Q4_25	11/9/20 23:01	11/11/20 0:01	5,694,659	0.07	0.21	0.10	0.02	0.00	0.00	0.06	0.00	0.00	0.00	0.09	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.5	0.5	0.7
2020_Q4_26	11/11/20 0:01	11/11/20 23:01	5,308,050	0.07	0.20	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.4	0.4	0.6
2020_Q4_27	11/11/20 23:01	11/12/20 0:01	240,580	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.1
2020_Q4_28	11/12/20 0:01	11/12/20 19:01	15,004,644	0.69	0.72	0.68	0.17	0.11	0.08	0.78	0.24	0.04	0.04	0.59	0.32	0.00	0.05	0.03	0.00	0.17	0.00	0.00	0.00	0.05	3.5	3.6	4.7
2020_Q4_29	11/12/20 19:01	11/13/20 14:10	43,872,706	1.07	1.05	1.06	0.24	0.16	0.12	1.14	0.35	0.06	0.06	0.86	0.46	0.00	0.07	0.05	0.00	0.24	0.00	0.00	0.00	0.15	5.3	5.4	7.0
2020_Q4_30	11/13/20 14:10	11/18/20 12:25	340,079,098	1.50	1.38	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	4.7	4.7	6.2
2020_Q4_31	11/18/20 12:25	11/20/20 11:06	68,070,868	0.41	0.62	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	1.5	1.5	2.2
2020_Q4_32	11/20/20 11:06	11/24/20 0:01	114,667,938	0.76	1.61	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	3.1	3.1	4.2
2020_Q4_33	11/24/20 0:01	11/24/20 23:01	26,346,560	0.19	0.47	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.8	0.8	1.0

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2020_Q4_34	11/24/20 23:01	11/26/20 0:01	24,616,628	0.18	0.48	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.8	0.8	1.0
2020_Q4_35	11/26/20 0:01	11/26/20 23:01	18,652,845	0.15	0.39	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.7	0.7	0.8
2020_Q4_36	11/26/20 23:01	11/30/20 0:01	42,065,553	0.54	1.11	0.45	0.07	0.00	0.00	0.57	0.00	0.00	0.00	0.26	0.29	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.22	2.7	2.7	3.4
2020_Q4_37	11/30/20 0:01	11/30/20 23:01	14,786,746	0.27	0.47	0.21	0.05	0.00	0.00	0.40	0.00	0.00	0.00	0.12	0.14	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.07	1.4	1.4	1.7
2020_Q4_38	11/30/20 23:01	12/3/20 0:01	61,797,695	0.69	1.28	0.57	0.10	0.00	0.00	1.70	0.00	0.00	0.00	0.38	0.39	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.27	4.3	4.3	5.2
2020_Q4_39	12/3/20 0:01	12/3/20 23:01	29,417,522	0.13	0.28	0.13	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.11	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	1.4	1.4	1.6
2020_Q4_40	12/3/20 23:01	12/7/20 0:01	78,024,607	0.39	0.88	0.41	0.00	0.00	0.00	1.09	0.00	0.00	0.00	0.40	0.35	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.32	2.8	2.8	3.6
2020_Q4_41	12/7/20 0:01	12/7/20 23:01	24,457,855	0.13	0.32	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.14	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.11	0.6	0.6	1.0
2020_Q4_42	12/7/20 23:01	12/10/20 0:01	50,972,618	0.29	0.79	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.15	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.20	1.4	1.4	1.8
2020_Q4_43	12/10/20 0:01	12/10/20 23:01	20,430,180	0.12	0.37	0.12	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	0.08	0.6	0.6	0.6
2020_Q4_44	12/10/20 23:01	12/13/20 0:01	31,261,119	0.23	0.67	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.11	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.14	1.1	1.1	1.4
2020_Q4_45	12/13/20 0:01	12/13/20 23:01	11,706,864	0.11	0.29	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.08	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.06	0.5	0.5	0.7
2020_Q4_46	12/13/20 23:01	12/14/20 0:59	982,198	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.1
2020_Q4_47	12/14/20 0:59	12/14/20 11:59	5,310,853	0.05	0.14	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.3	0.3	0.3
2020_Q4_48	12/14/20 11:59	12/15/20 16:11	15,379,021	0.16	0.36	0.15	0.04	0.00	0.00	0.21	0.00	0.00	0.00	0.06	0.13	0.00	0.00	0.03	0.00	0.02	0.00	0.00	0.00	0.06	0.9	0.9	1.1
2020_Q4_49	12/15/20 16:11	12/17/20 12:29	47,125,887	0.33	0.63	0.30	0.06	0.00	0.00	0.64	0.00	0.00	0.00	0.10	0.27	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.21	2.0	2.1	2.4
2020_Q4_50	12/17/20 12:29	12/21/20 13:52	149,396,568	0.53	1.25	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	2.3	2.3	3.3
2020_Q4_51	12/21/20 13:52	12/23/20 9:30	65,902,080	0.24	0.33	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.8	0.8	1.1
2020_Q4_52	12/23/20 9:30	12/24/20 19:20	43,431,813	0.34	0.37	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	1.0	1.0	1.6
2020_Q4_53	12/24/20 19:20	12/28/20 15:00	183,564,524	1.38	1.56	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19	1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	4.0	4.0	6.4
2020_Q4_54	12/28/20 15:00	12/30/20 10:56	73,223,967	0.27	0.44	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.23	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.25	1.0	1.0	1.5
2020_Q4_55	12/30/20 10:56	*1/6/21 12:10*	334,627,822	1.20	2.51	1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.72	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.59	5.1	5.1	7.2
2021_Q1_1	1/6/21 12:10	1/7/21 11:00	45,269,293	0.14	0.07	0.16	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	0.4	0.4	0.4
2021_Q1_2	1/7/21 11:00	1/11/21 10:30	161,851,166	0.73	1.05	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.5	2.5	3.1
2021_Q1_3	1/11/21 10:30	1/14/21 12:40	80,160,009	0.60	1.36	0.63	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.7	2.7	3.3
2021_Q1_4	1/14/21 12:40	1/21/21 0:01	101,278,798	0.95	2.13	0.93	0.10	0.00	0.00	0.71	0.00	0.00	0.00	0.52	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	4.8	4.8	5.9
2021_Q1_5	1/21/21 0:01	1/21/21 23:01	12,397,002	0.12	0.26	0.10	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.07	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.7	0.7	0.8
2021_Q1_6	1/21/21 23:01	1/22/21 0:01	527,033	0.01	0.01	0.00	0.00	0.00	0.00	0.01	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	0.0	0.0	0.0
2021_Q1_7	1/22/21 0:01	1/22/21 23:01	11,886,280	0.12	0.27	0.10	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.7	0.7	0.8
2021_Q1_8	1/22/21 23:01	1/26/21 15:00	38,714,509	0.52	1.14	0.41	0.06	0.00	0.00	0.66	0.00	0.04	0.00	0.51	0.34	0.00	0.06	0.00	0.00	0.08	0.00	0.00	0.00	0.09	2.8	2.9	3.8
2021_Q1_9	1/26/21 15:00	1/26/21 16:10	630,758	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.1
2021_Q1_10	1/26/21 16:10	1/27/21 0:01	4,979,036	0.05	0.11	0.06	0.01	0.00	0.00	0.09	0.00	0.00	0.00	0.05	0.04	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.3	0.3	0.4
2021_Q1_11	1/27/21 0:01	1/27/21 15:10	12,789,729	0.13	0.29	0.14	0.01	0.00	0.00	0.23	0.00	0.00	0.00	0.10	0.09	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.03	0.8	0.8	1.0
2021_Q1_12	1/27/21 15:10	1/27/21 23:01	8,536,510	0.08	0.20	0.08	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.06	0.05	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.5	0.5	0.6
2021_Q1_13	1/27/21 23:01	1/28/21 0:01	1,106,056	0.01	0.02	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.1
2021_Q1_14	1/28/21 0:01	1/28/21 23:01	29,998,584	0.22	0.48	0.21	0.00	0.00	0.00	0.42	0.00	0.00	0.00	0.18	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	1.3	1.3	1.7
2021_Q1_15	1/28/21 23:01	2/1/21 10:05	129,039,020	0.83	1.59	0.76	0.00	0.00	0.00	1.74	0.00	0.00	0.00	0.38	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	4.9	4.9	5.8
2021_Q1_16	2/1/21 10:05	2/4/21 16:35	157,579,853	0.79	0.68	0.74	0.00	0.00	0.00	1.81	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	4.0	4.0	4.6
2021_Q1_17	2/4/21 16:35	2/8/21 16:00	159,603,375	0.36	0.00	0.37	0.00	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	1.5	1.5	1.9
2021_Q1_18	2/8/21 16:00	2/11/21 0:01	83,254,162	0.42	1.00	0.34	0.00	0.00	0.00	0.83	0.00	0.00	0.00	0.21	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	2.6	2.6	3.1
2021_Q1_19	2/11/21 0:01	2/12/21 14:01	32,965,312	0.33	0.79	0.27	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.17	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	2.1	2.1	2.4
2021_Q1_20	2/12/21 14:01	2/16/21 12:00	180,462,725	1.27	2.17	1.03	0.00	0.00	0.00	3.16	0.00	0.00	0.00	0.46	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	7.6	7.6	8.6
2021_Q1_21	2/16/21 12:00	2/19/21 13:35	186,467,284	1.17	0.83	0.71	0.00	0.00	0.00	2.89	0.00	0.00	0.00	0.45	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	5.6	5.6	6.3
2021_Q1_22	2/19/21 13:35	2/22/21 9:35	164,917,031	1.16	1.26	0.94	0.18	0.00	0.00	2.31	0.20	0.00	0.00	0.98	0.51	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	6.1	6.1	7.7
2021_Q1_23	2/22/21 9:35	2/24/21 15:15	93,018,293	0.47	0.70	0.56	0.10	0.00	0.00	0.95	0.11	0.00	0.00	0.55	0.26	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	2.9	2.9	3.8
2021_Q1_24	2/24/21 15:15	2/25/21 12:20	35,590,029	0.17	0.29	0.19	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.14	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	1.0	1.0	1.2
2021_Q1_25	2/25/21 12:20	3/5/21 0:01	331,411,594	1.66	3.21	1.77	0.00	0.00	0.00	1.99	0.00	0.00	0.00	1.67	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.11	8.6	8.6	11.5
2021_Q1_26	3/5/21 0:01	3/5/21 23:01	41,948,577	0.19	0.50	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.9	0.9	1.4

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2021_Q1_27	3/5/21 23:01	3/6/21 0:01	1,819,641	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2021_Q1_28	3/6/21 0:01	3/6/21 23:01	41,150,891	1.15	0.45	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	1.8	1.8	2.2
2021_Q1_29	3/6/21 23:01	3/8/21 0:01	42,955,240	0.73	0.49	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	1.4	1.4	1.8
2021_Q1_30	3/8/21 0:01	3/8/21 23:01	38,107,963	0.22	0.46	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.8	0.8	1.1
2021_Q1_31	3/8/21 23:01	3/11/21 0:01	74,531,356	0.51	1.19	0.44	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.31	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	2.7	2.7	3.2
2021_Q1_32	3/11/21 0:01	3/11/21 23:01	25,460,186	0.20	0.51	0.18	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	1.3	1.3	1.5
2021_Q1_33	3/11/21 23:01	3/15/21 0:01	61,556,350	0.47	1.20	0.43	0.00	0.00	0.00	0.80	0.00	0.00	0.00	0.26	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	2.9	2.9	3.4
2021_Q1_34	3/15/21 0:01	3/15/21 23:01	21,039,530	0.16	0.40	0.14	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.9	0.9	1.1
2021_Q1_35	3/15/21 23:01	3/18/21 0:01	46,167,900	0.29	0.74	0.27	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.18	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	1.8	1.8	2.2
2021_Q1_36	3/18/21 0:01	3/18/21 23:01	30,138,753	0.15	0.39	0.16	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.11	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	1.0	1.0	1.2
2021_Q1_37	3/18/21 23:01	3/24/21 0:01	118,868,402	0.83	1.96	1.08	0.13	0.00	0.00	1.66	0.24	0.00	0.00	1.53	1.00	0.00	0.55	0.00	0.00	0.32	0.00	0.00	0.00	0.42	5.9	6.5	9.3
2021_Q1_38	3/24/21 0:01	3/24/21 23:01	19,076,663	0.17	0.38	0.25	0.04	0.00	0.00	0.32	0.08	0.00	0.00	0.42	0.27	0.00	0.18	0.00	0.00	0.10	0.00	0.00	0.00	0.06	1.2	1.4	2.2
2021_Q1_39	3/24/21 23:01	3/25/21 0:01	834,639	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.1
2021_Q1_40	3/25/21 0:01	3/25/21 23:01	18,778,487	0.24	0.19	0.15	0.00	0.00	0.00	0.36	0.00	0.28	0.08	0.00	0.13	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.12	1.3	1.3	1.5
2021_Q1_41	3/25/21 23:01	3/29/21 0:01	63,362,994	0.52	0.57	0.41	0.00	0.00	0.00	0.60	0.00	0.48	0.13	0.00	0.35	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.28	2.7	2.8	3.1
2021_Q1_42	3/29/21 0:01	3/29/21 12:50	17,967,039	0.06	0.14	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.3	0.3	0.4
2021_Q1_43	3/29/21 12:50	3/29/21 23:01	15,484,784	0.05	0.10	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.2	0.2	0.3
2021_Q1_44	3/29/21 23:01	3/30/21 8:50	15,161,123	0.04	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.2	0.2	0.3
2021_Q1_45	3/30/21 8:50	3/31/21 0:01	25,026,429	0.09	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.3	0.3	0.5
2021_Q1_46	3/31/21 0:01	3/31/21 23:01	39,405,157	0.17	0.27	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.6	0.6	0.7
2021_Q1_47	3/31/21 23:01	4/1/21 0:00	1,646,341	0.03	0.08	0.03	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.2	0.2	0.2
2021_Q2_1	4/1/21 0:00	*4/5/21 0:01*	128,119,261	2.25	6.06	2.22	0.42	0.15	0.00	1.99	0.00	0.00	0.00	1.02	3.08	0.00	0.13	0.00	0.00	0.42	0.00	0.00	0.00	0.37	13.1	13.2	17.7
2021_Q2_2	4/5/21 0:01	4/5/21 23:01	11,113,824	0.34	0.98	0.34	0.07	0.03	0.00	0.34	0.00	0.00	0.00	0.18	0.50	0.00	0.02	0.00	0.00	0.07	0.00	0.00	0.00	0.04	2.1	2.1	2.9
2021_Q2_3	4/5/21 23:01	4/7/21 0:01	10,735,879	0.24	0.62	0.25	0.05	0.01	0.00	0.31	0.00	0.00	0.00	0.13	0.31	0.00	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.03	1.5	1.5	2.0
2021_Q2_4	4/7/21 0:01	4/7/21 23:01	10,410,944	0.15	0.29	0.16	0.03	0.00	0.00	0.27	0.00	0.00	0.00	0.08	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.9	0.9	1.1
2021_Q2_5	4/7/21 23:01	4/12/21 0:01	45,886,544	0.55	1.35	0.62	0.08	0.00	0.00	1.03	0.00	0.00	0.00	0.34	0.71	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.14	3.6	3.6	4.8
2021_Q2_6	4/12/21 0:01	4/12/21 23:01	13,840,482	0.14	0.43	0.17	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.10	0.25	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.04	1.0	1.0	1.4
2021_Q2_7	4/12/21 23:01	4/15/21 0:01	29,381,843	0.29	0.91	0.34	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.19	0.39	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.10	2.0	2.0	2.7
2021_Q2_8	4/15/21 0:01	4/15/21 23:01	11,500,434	0.12	0.36	0.13	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.8	0.8	0.9
2021_Q2_9	4/15/21 23:01	4/18/21 0:01	16,662,709	0.28	0.68	0.22	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.15	0.22	0.00	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.06	1.5	1.5	1.9
2021_Q2_10	4/18/21 0:01	4/19/21 0:01	8,227,630	0.20	0.42	0.13	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.10	0.15	0.00	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.03	0.9	0.9	1.2
2021_Q2_11	4/19/21 0:01	4/19/21 23:01	7,742,902	0.24	0.71	0.37	0.15	0.04	0.00	0.19	0.00	0.00	0.00	0.15	0.17	0.00	0.03	0.00	0.00	0.05	0.00	0.00	0.00	0.04	1.7	1.7	2.1
2021_Q2_12	4/19/21 23:01	4/20/21 15:00	4,805,992	0.10	0.32	0.15	0.05	0.01	0.00	0.10	0.00	0.00	0.00	0.07	0.09	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.7	0.8	0.9
2021_Q2_13	4/20/21 15:00	4/21/21 10:48	4,923,224	0.10	0.24	0.13	0.03	0.01	0.00	0.14	0.00	0.00	0.00	0.08	0.11	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.6	0.7	0.9
2021_Q2_14	4/21/21 10:48	4/21/21 14:20	767,103	0.02	0.04	0.03	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.2
2021_Q2_15	4/21/21 14:20	4/22/21 13:20	4,914,813	0.11	0.31	0.13	0.04	0.01	0.00	0.09	0.00	0.00	0.00	0.16	1.62	0.00	0.02	0.00	0.00	0.11	0.00	0.00	0.00	0.02	0.7	0.7	2.6
2021_Q2_16	4/22/21 13:20	4/27/21 19:10	24,434,154	0.56	1.55	0.62	0.16	0.02	0.00	0.60	0.00	0.00	0.00	0.57	4.41	0.00	0.08	0.00	0.00	0.28	0.00	0.00	0.00	0.09	3.5	3.6	8.9
2021_Q2_17	4/27/21 19:10	4/28/21 0:01	951,361	0.02	0.06	0.02	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.2
2021_Q2_18	4/28/21 0:01	4/28/21 23:01	5,011,912	0.09	0.28	0.10	0.02	0.00	0.00	0.12	0.00	0.00	0.00	0.09	0.10	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.6	0.6	0.8
2021_Q2_19	4/28/21 23:01	5/3/21 0:01	21,894,557	0.35	1.15	0.37	0.09	0.00	0.00	0.50	0.00	0.00	0.00	0.38	0.41	0.00	0.16	0.00	0.00	0.05	0.00	0.00	0.00	0.09	2.5	2.6	3.5
2021_Q2_20	5/3/21 0:01	5/3/21 23:01	5,122,772	0.07	0.25	0.07	0.02	0.00	0.00	0.11	0.00	0.00	0.00	0.09	0.09	0.00	0.06	0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.5	0.6	0.8
2021_Q2_21	5/3/21 23:01	5/6/21 23:01	12,568,517	0.18	0.67	0.19	0.04	0.00	0.00	0.36	0.00	0.00	0.00	0.22	0.24	0.00	0.11	0.00	0.00	0.05	0.00	0.00	0.00	0.06	1.4	1.5	2.1
2021_Q2_22	5/6/21 23:01	5/10/21 0:01	21,343,568	0.28	0.95	0.29	0.06	0.00	0.00	0.65	0.00	0.00	0.00	0.37	0.36	0.00	0.15	0.00	0.00	0.07	0.00	0.00	0.00	0.12	2.2	2.4	3.2
2021_Q2_23	5/10/21 0:01	5/10/21 23:01	7,888,422	0.09	0.25	0.08	0.02	0.00	0.00	0.21	0.00	0.00	0.00	0.14	0.11	0.00	0.06	0.00	0.00	0.02	0.00	0.00	0.00	0.05	0.6	0.7	1.0
2021_Q2_24	5/10/21 23:01	5/12/21 0:01	7,988,324	0.09	0.29	0.08	0.02	0.00	0.00	0.20	0.00	0.00	0.00	0.13	0.12	0.00	0.05	0.00	0.00	0.03	0.00	0.00	0.00	0.05	0.7	0.7	1.0
2021_Q2_25	5/12/21 0:01	5/12/21 23:01	5,563,666	0.07	0.22	0.06	0.02	0.00	0.00	0.13	0.00	0.00	0.00	0.08	0.09	0.00	0.03	0.00	0.00	0.02	0.00	0.00	0.00	0.03	0.5	0.5	0.7
2021_Q2_26	5/12/21 23:01	5/17/21 0:01	22,401,202	0.28	0.86	0.29	0.08	0.00	0.00	0.68	0.00	0.00	0.00	0.29	0.40	0.00	0.11	0.00	0.00	0.07	0.00	0.00	0.00	0.14	2.2	2.3	3.1
2021_Q2_27	5/17/21 0:01	5/17/21 23:01	4,025,636	0.05	0.15	0.06	0.02	0.00	0.00	0.15	0.00	0.00	0.00	0.04	0.08	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.03	0.4	0.4	0.6

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2021_Q2_28	5/17/21 23:01	5/20/21 0:01	7,962,584	0.14	0.33	0.13	0.03	0.00	0.00	0.29	0.00	0.00	0.00	0.10	0.16	0.00	0.04	0.00	0.00	0.02	0.00	0.00	0.00	0.05	0.9	1.0	1.2
2021_Q2_29	5/20/21 0:01	5/20/21 23:01	3,378,313	0.07	0.15	0.06	0.01	0.00	0.00	0.12	0.00	0.00	0.00	0.05	0.07	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.4	0.4	0.6
2021_Q2_30	5/20/21 23:01	5/24/21 0:01	9,420,080	0.20	0.52	0.20	0.04	0.00	0.00	0.33	0.00	0.00	0.00	0.12	0.20	0.00	0.04	0.00	0.00	0.03	0.00	0.00	0.00	0.05	1.3	1.3	1.7
2021_Q2_31	5/24/21 0:01	5/24/21 23:01	2,681,039	0.06	0.18	0.07	0.02	0.00	0.00	0.09	0.00	0.00	0.00	0.03	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.4	0.4	0.5
2021_Q2_32	5/24/21 23:01	5/26/21 11:25	4,522,087	0.09	0.20	0.09	0.02	0.00	0.00	0.15	0.00	0.00	0.00	0.03	0.05	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.5	0.6	0.7
2021_Q2_33	5/26/21 11:25	5/26/21 14:18	345,834	0.01	0.01	0.01	0.00	0.00	0.00	0.01	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	0.0	0.0	0.0
2021_Q2_34	5/26/21 14:18	5/27/21 0:01	1,223,288	0.03	0.07	0.03	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.02	0.03	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q2_35	5/27/21 0:01	5/27/21 13:18	1,679,472	0.03	0.10	0.04	0.01	0.00	0.00	0.07	0.00	0.00	0.00	0.02	0.04	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.3	0.3	0.3
2021_Q2_36	5/27/21 13:18	5/27/21 23:01	1,215,897	0.02	0.08	0.03	0.01	0.00	0.00	0.06	0.00	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q2_37	5/27/21 23:01	6/2/21 0:01	14,589,491	0.28	0.82	0.30	0.06	0.00	0.00	0.63	0.00	0.00	0.00	0.16	0.28	0.00	0.07	0.00	0.00	0.06	0.00	0.00	0.00	0.09	2.1	2.2	2.7
2021_Q2_38	6/2/21 0:01	6/3/21 0:01	3,174,432	0.06	0.16	0.06	0.01	0.00	0.00	0.12	0.00	0.00	0.00	0.03	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.4	0.4	0.5

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2021_Q2_39	6/3/21 0:01	6/3/21 23:01	3,883,939	0.36	0.30	0.15	0.04	0.02	0.01	0.20	0.00	0.02	0.01	0.11	0.19	0.00	0.02	0.00	0.00	0.04	0.00	0.00	0.00	0.02	1.1	1.1	1.5
2021_Q2_40	6/3/21 23:01	6/7/21 0:01	23,824,549	1.23	1.22	0.62	0.18	0.05	0.04	0.93	0.00	0.07	0.04	0.52	0.76	0.00	0.15	0.00	0.00	0.12	0.00	0.00	0.00	0.15	4.4	4.5	5.9
2021_Q2_41	6/7/21 0:01	6/7/21 23:01	7,766,348	0.09	0.20	0.11	0.03	0.00	0.00	0.20	0.00	0.00	0.00	0.12	0.11	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.6	0.7	0.9
2021_Q2_42	6/7/21 23:01	6/12/21 0:01	25,267,009	0.59	1.07	0.56	0.16	0.04	0.00	0.77	0.00	0.03	0.03	0.47	0.49	0.00	0.12	0.00	0.00	0.08	0.00	0.00	0.00	0.17	3.2	3.4	4.4
2021_Q2_43	6/12/21 0:01	6/12/21 23:01	8,880,305	0.32	0.52	0.27	0.08	0.03	0.00	0.31	0.00	0.02	0.02	0.20	0.22	0.00	0.03	0.00	0.00	0.06	0.00	0.00	0.00	0.06	1.6	1.6	2.1
2021_Q2_44	6/12/21 23:01	6/15/21 0:01	29,707,544	0.64	1.13	0.57	0.16	0.04	0.00	0.88	0.00	0.03	0.03	0.33	0.46	0.00	0.05	0.00	0.00	0.10	0.00	0.00	0.00	0.18	3.5	3.5	4.4
2021_Q2_45	6/15/21 0:01	6/15/21 15:35	6,612,380	0.05	0.11	0.06	0.01	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.4	0.4	0.4
2021_Q2_46	6/15/21 15:35	6/15/21 23:01	3,621,442	0.02	0.06	0.03	0.01	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q2_47	6/15/21 23:01	6/16/21 14:35	7,354,253	0.05	0.11	0.07	0.02	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.4	0.4	0.4
2021_Q2_48	6/16/21 14:35	6/17/21 0:01	3,899,485	0.03	0.05	0.03	0.01	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.2
2021_Q2_49	6/17/21 0:01	6/17/21 23:01	9,285,009	0.08	0.11	0.07	0.02	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.5	0.5	0.6
2021_Q2_50	6/17/21 23:01	6/22/21 0:01	20,440,884	0.21	0.30	0.20	0.05	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	1.4	1.4	1.4
2021_Q2_51	6/22/21 0:01	6/22/21 23:01	6,539,747	0.08	0.11	0.08	0.02	0.00	0.00	0.22	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	0.03	0.5	0.5	0.5
2021_Q2_52	6/22/21 23:01	6/24/21 0:01	7,308,125	0.08	0.16	0.08	0.02	0.00	0.00	0.23	0.00	0.00	0.00	0.07	0.04	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.04	0.6	0.6	0.7
2021_Q2_53	6/24/21 0:01	6/24/21 23:01	6,478,583	0.06	0.17	0.06	0.02	0.00	0.00	0.19	0.00	0.00	0.00	0.12	0.08	0.00	0.05	0.00	0.00	0.03	0.00	0.00	0.00	0.04	0.5	0.6	0.8
2021_Q2_54	6/24/21 23:01	7/1/21 0:00	30,925,989	0.34	0.79	0.37	0.10	0.00	0.00	0.88	0.00	0.00	0.00	0.29	0.28	0.00	0.21	0.00	0.00	0.06	0.00	0.00	0.00	0.16	2.5	2.7	3.3
2021_Q3_1	7/1/21 0:00	*7/1/21 0:01*	0	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	0.00	0.0	0.0	0.0
2021_Q3_2	7/1/21 0:01	7/1/21 23:01	3,680,312	0.04	0.09	0.05	0.01	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.3	0.3	0.3
2021_Q3_3	7/1/21 23:01	7/2/21 0:01	159,537	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	0.00	0.0	0.0	0.0
2021_Q3_4	7/2/21 0:01	7/2/21 23:01	3,534,027	0.05	0.10	0.06	0.02	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.3	0.3	0.3
2021_Q3_5	7/2/21 23:01	7/7/21 0:01	20,942,687	0.24	0.61	0.31	0.08	0.00	0.00	0.39	0.00	0.00	0.00	0.20	0.22	0.00	0.13	0.00	0.00	0.03	0.00	0.00	0.00	0.08	1.6	1.8	2.2
2021_Q3_6	7/7/21 0:01	7/7/21 23:01	3,904,837	0.04	0.12	0.05	0.01	0.00	0.00	0.06	0.00	0.00	0.00	0.07	0.05	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.3	0.3	0.4
2021_Q3_7	7/7/21 23:01	7/8/21 0:01	124,368	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	0.00	0.0	0.0	0.0
2021_Q3_8	7/8/21 0:01	7/8/21 23:01	5,141,631	0.09	0.15	0.09	0.02	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.5	0.6	0.6
2021_Q3_9	7/8/21 23:01	7/12/21 0:01	73,353,432	0.84	1.32	0.84	0.17	0.00	0.00	2.05	0.00	0.00	0.00	0.00	0.44	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.36	5.2	5.4	5.9
2021_Q3_10	7/12/21 0:01	7/12/21 23:01	18,931,398	0.09	0.10	0.09	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.06	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.8	0.8	1.0
2021_Q3_11	7/12/21 23:01	7/15/21 0:01	28,718,974	0.17	0.26	0.16	0.03	0.00	0.00	0.73	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	1.4	1.4	1.5
2021_Q3_12	7/15/21 0:01	7/15/21 23:01	7,335,649	0.05	0.08	0.05	0.02	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.4	0.4	0.5
2021_Q3_13	7/15/21 23:01	7/19/21 0:01	15,634,637	0.15	0.18	0.14	0.04	0.00	0.00	0.41	0.00	0.00	0.00	0.08	0.14	0.00	0.03	0.00	0.00	0.02	0.00	0.00	0.00	0.09	0.9	1.0	1.2
2021_Q3_14	7/19/21 0:01	7/19/21 23:01	4,792,485	0.06	0.06	0.06	0.02	0.00	0.00	0.11	0.00	0.00	0.00	0.05	0.06	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.03	0.3	0.3	0.4
2021_Q3_15	7/19/21 23:01	7/22/21 0:01	30,027,382	0.35	0.30	0.33	0.08	0.00	0.00	0.62	0.00	0.00	0.00	0.32	0.30	0.00	0.06	0.00	0.00	0.10	0.00	0.00	0.00	0.15	1.7	1.7	2.5
2021_Q3_16	7/22/21 0:01	7/22/21 23:01	18,125,047	0.20	0.15	0.18	0.04	0.00	0.00	0.34	0.00	0.00	0.00	0.20	0.13	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.07	0.9	0.9	1.3
2021_Q3_17	7/22/21 23:01	7/26/21 0:01	33,961,782	0.39	0.33	0.36	0.09	0.00	0.00	0.80	0.00	0.00	0.00	0.19	0.16	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.16	2.0	2.0	2.4
2021_Q3_18	7/26/21 0:01	7/26/21 23:01	4,158,414	0.05	0.05	0.05	0.01	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.3	0.3	0.3
2021_Q3_19	7/26/21 23:01	7/28/21 8:50	10,535,566	0.09	0.08	0.09	0.02	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.6	0.6	0.6
2021_Q3_20	7/28/21 8:50	7/28/21 17:45	3,259,043	0.02	0.02	0.02	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.2
2021_Q3_21	7/28/21 17:45	7/29/21 0:01	1,919,033	0.02	0.02	0.02	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.2
2021_Q3_22	7/29/21 0:01	7/29/21 16:45	4,560,570	0.04	0.04	0.04	0.01	0.00	0.00	0.13	0.00	0.00	0.00	0.04	0.02	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.3	0.3	0.3
2021_Q3_23	7/29/21 16:45	7/29/21 23:01	1,537,775	0.01	0.01	0.01	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2021_Q3_24	7/29/21 23:01	8/2/21 0:01	13,721,466	0.17	0.24	0.18	0.03	0.00	0.00	0.43	0.00	0.00	0.00	0.19	0.12	0.00	0.07	0.00	0.00	0.05	0.00	0.00	0.00	0.06	1.1	1.1	1.5
2021_Q3_25	8/2/21 0:01	8/2/21 23:01	3,584,998	0.06	0.10	0.06	0.01	0.00	0.00	0.13	0.00	0.00	0.00	0.07	0.05	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.4	0.4	0.5
2021_Q3_26	8/2/21 23:01	8/5/21 0:01	7,496,715	0.13	0.22	0.16	0.04	0.00	0.00	0.28	0.00	0.00	0.00	0.18	0.13	0.00	0.05	0.00	0.00	0.05	0.00	0.00	0.00	0.03	0.8	0.9	1.2
2021_Q3_27	8/5/21 0:01	8/5/21 23:01	3,293,702	0.07	0.11	0.08	0.02	0.00	0.00	0.13	0.00	0.00	0.00	0.10	0.07	0.00	0.03	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.4	0.4	0.6
2021_Q3_28	8/5/21 23:01	8/12/21 0:01	22,986,087	0.40	0.54	0.48	0.11	0.00	0.00	0.93	0.00	0.00	0.00	0.43	0.28	0.00	0.18	0.00	0.00	0.11	0.00	0.00	0.00	0.09	2.5	2.7	3.5
2021_Q3_29	8/12/21 0:01	8/12/21 23:01	3,745,554	0.05	0.06	0.06	0.01	0.00	0.00	0.15	0.00	0.00	0.00	0.03	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.3	0.4	0.4
2021_Q3_30	8/12/21 23:01	8/13/21 0:01	164,124	0.00	0.00	0.00	0.00	0.00	0.00	0.01	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	0.0	0.0	0.0
2021_Q3_31	8/13/21 0:01	8/13/21 23:01	3,573,529	0.05	0.05	0.05	0.01	0.00	0.00	0.12	0.00	0.00	0.00	0.04	0.01	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.3	0.3	0.4

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2021_Q3_32	8/13/21 23:01	8/16/21 0:01	6,453,353	0.09	0.12	0.10	0.02	0.00	0.00	0.17	0.00	0.00	0.00	0.06	0.05	0.00	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.5	0.5	0.7
2021_Q3_33	8/16/21 0:01	8/16/21 23:01	2,767,943	0.04	0.07	0.04	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.02	0.03	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.2	0.2	0.3
2021_Q3_34	8/16/21 23:01	8/19/21 0:01	8,403,477	0.11	0.21	0.13	0.03	0.00	0.00	0.15	0.00	0.00	0.00	0.11	0.13	0.00	0.04	0.00	0.00	0.02	0.00	0.00	0.00	0.03	0.6	0.7	0.9
2021_Q3_35	8/19/21 0:01	8/19/21 8:30	1,975,100	0.03	0.05	0.03	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.03	0.04	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.1	0.2	0.2
2021_Q3_36	8/19/21 8:30	8/19/21 23:01	3,968,804	0.05	0.09	0.06	0.01	0.00	0.00	0.07	0.00	0.00	0.00	0.03	0.04	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.3	0.3	0.4
2021_Q3_37	8/19/21 23:01	8/20/21 7:30	2,691,233	0.03	0.06	0.04	0.01	0.00	0.00	0.04	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	0.01	0.2	0.2	0.2
2021_Q3_38	8/20/21 7:30	8/23/21 0:01	27,326,210	0.25	0.38	0.29	0.04	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.12	1.4	1.5	1.5
2021_Q3_39	8/23/21 0:01	8/23/21 23:01	8,088,226	0.04	0.05	0.06	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.3	0.3	0.4
2021_Q3_40	8/23/21 23:01	8/26/21 0:01	14,924,621	0.09	0.10	0.12	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.08	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.6	0.7	0.8
2021_Q3_41	8/26/21 0:01	8/26/21 23:01	6,297,893	0.04	0.05	0.06	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.3	0.3	0.4
2021_Q3_42	8/26/21 23:01	8/29/21 0:01	9,197,340	0.08	0.06	0.10	0.01	0.00	0.00	0.17	0.00	0.00	0.00	0.03	0.05	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.4	0.4	0.5
2021_Q3_43	8/29/21 0:01	8/29/21 23:01	3,058,729	0.03	0.02	0.04	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.2
2021_Q3_44	8/29/21 23:01	9/2/21 0:01	8,258,976	0.11	0.05	0.12	0.03	0.00	0.00	0.09	0.00	0.00	0.00	0.05	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.4	0.4	0.5
2021_Q3_45	9/2/21 0:01	9/2/21 23:01	2,419,052	0.04	0.02	0.04	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.2
2021_Q3_46	9/2/21 23:01	9/6/21 0:01	7,682,502	0.12	0.09	0.14	0.03	0.00	0.00	0.10	0.00	0.00	0.00	0.02	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.5	0.5	0.6
2021_Q3_47	9/6/21 0:01	9/6/21 23:01	2,363,035	0.04	0.04	0.05	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q3_48	9/6/21 23:01	9/9/21 0:01	4,947,689	0.08	0.08	0.10	0.02	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.3	0.4	0.4
2021_Q3_49	9/9/21 0:01	9/9/21 23:01	2,523,337	0.04	0.04	0.05	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q3_50	9/9/21 23:01	9/13/21 0:01	10,867,638	0.14	0.22	0.17	0.04	0.00	0.00	0.16	0.00	0.00	0.00	0.05	0.07	0.00	0.10	0.00	0.00	0.01	0.00	0.00	0.00	0.05	0.7	0.8	1.0
2021_Q3_51	9/13/21 0:01	9/13/21 23:01	3,151,495	0.03	0.08	0.04	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.03	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.3
2021_Q3_52	9/13/21 23:01	9/14/21 21:36	2,629,049	0.03	0.08	0.04	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.03	0.03	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.2	0.2	0.3
2021_Q3_53	9/14/21 21:36	9/15/21 20:36	2,525,834	0.03	0.09	0.05	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.03	0.03	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.2	0.3	0.3
2021_Q3_54	9/15/21 20:36	9/16/21 0:01	352,460	0.00	0.01	0.01	0.00	0.00	0.00	0.01	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	0.0	0.0	0.0
2021_Q3_55	9/16/21 0:01	9/16/21 23:01	2,355,594	0.03	0.10	0.04	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.03	0.03	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.2	0.3	0.3
2021_Q3_56	9/16/21 23:01	9/20/21 0:01	7,542,487	0.10	0.28	0.13	0.03	0.00	0.00	0.13	0.00	0.00	0.00	0.07	0.07	0.00	0.06	0.00	0.00	0.01	0.00	0.00	0.00	0.05	0.7	0.7	0.9
2021_Q3_57	9/20/21 0:01	9/20/21 23:01	2,421,855	0.03	0.08	0.04	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.02	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.2
2021_Q3_58	9/20/21 23:01	9/21/21 0:01	104,234	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	0.00	0.0	0.0	0.0
2021_Q3_59	9/21/21 0:01	9/21/21 23:01	2,328,630	0.03	0.08	0.04	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q3_60	9/21/21 23:01	9/27/21 0:01	65,688,158	0.68	1.77	0.76	0.12	0.00	0.00	0.95	0.00	0.00	0.00	0.38	0.41	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.21	4.3	4.4	5.2
2021_Q3_61	9/27/21 0:01	9/27/21 23:01	5,200,247	0.03	0.11	0.04	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.2	0.2	0.3
2021_Q3_62	9/27/21 23:01	9/30/21 0:01	6,652,137	0.07	0.20	0.07	0.01	0.00	0.00	0.10	0.00	0.00	0.00	0.05	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.5	0.5	0.6
2021_Q3_63	9/30/21 0:01	9/30/21 23:01	2,372,108	0.03	0.09	0.04	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.02	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.3
2021_Q3_64	9/30/21 23:01	10/1/21 0:00	101,635	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	0.00	0.0	0.0	0.0
2021_Q4_1	10/1/21 0:00	*10/4/21 0:01*	6,457,889	0.08	0.23	0.10	0.02	0.00	0.00	0.11	0.00	0.00	0.00	0.03	0.06	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.5	0.6	0.7
2021_Q4_2	10/4/21 0:01	10/4/21 23:01	1,951,068	0.03	0.06	0.03	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q4_3	10/4/21 23:01	10/7/21 0:01	5,166,989	0.07	0.16	0.08	0.02	0.00	0.00	0.08	0.00	0.00	0.00	0.03	0.04	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.4	0.4	0.5
2021_Q4_4	10/7/21 0:01	10/7/21 23:01	2,410,132	0.03	0.07	0.04	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.02	0.03	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.2	0.2	0.3
2021_Q4_5	10/7/21 23:01	10/11/21 0:01	15,381,009	0.14	0.31	0.16	0.03	0.00	0.00	0.11	0.00	0.00	0.00	0.11	0.12	0.00	0.09	0.00	0.00	0.02	0.00	0.00	0.00	0.07	0.7	0.8	1.1
2021_Q4_6	10/11/21 0:01	10/11/21 23:01	17,019,756	0.06	0.17	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.08	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.3	0.4	0.5
2021_Q4_7	10/11/21 23:01	10/15/21 0:01	19,881,739	0.11	0.30	0.14	0.02	0.00	0.00	0.10	0.00	0.00	0.00	0.07	0.10	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.7	0.7	0.9
2021_Q4_8	10/15/21 0:01	10/15/21 23:01	2,886,959	0.02	0.06	0.03	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.2
2021_Q4_9	10/15/21 23:01	10/18/21 0:01	5,304,227	0.05	0.11	0.06	0.02	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.3	0.3	0.4
2021_Q4_10	10/18/21 0:01	10/18/21 23:01	2,237,801	0.03	0.05	0.03	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q4_11	10/18/21 23:01	10/20/21 11:50	3,495,035	0.04	0.09	0.06	0.01	0.00	0.00	0.06	0.00	0.00	0.00	0.02	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.3	0.3	0.3
2021_Q4_12	10/20/21 11:50	10/20/21 16:24	395,020	0.01	0.01	0.01	0.00	0.00	0.00	0.01	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	0.0	0.0	0.0
2021_Q4_13	10/20/21 16:24	10/21/21 0:01	688,864	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.1

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2021_Q4_14	10/21/21 0:01	10/21/21 15:24	1,417,357	0.02	0.04	0.02	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.02	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.2
2021_Q4_15	10/21/21 15:24	10/21/21 23:01	659,072	0.01	0.02	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.1
2021_Q4_16	10/21/21 23:01	10/25/21 0:01	6,679,686	0.09	0.17	0.11	0.03	0.00	0.00	0.16	0.00	0.00	0.00	0.04	0.07	0.00	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.6	0.6	0.7
2021_Q4_17	10/25/21 0:01	10/25/21 23:01	2,121,181	0.03	0.04	0.03	0.01	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q4_18	10/25/21 23:01	10/28/21 0:01	4,651,017	0.06	0.10	0.06	0.02	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.04	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.4	0.4	0.4
2021_Q4_19	10/28/21 0:01	10/28/21 23:01	2,164,735	0.03	0.05	0.02	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q4_20	10/28/21 23:01	11/1/21 0:01	8,909,001	0.11	0.19	0.11	0.03	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.09	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.6	0.7	0.8
2021_Q4_21	11/1/21 0:01	11/1/21 23:01	2,725,383	0.04	0.05	0.04	0.01	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q4_22	11/1/21 23:01	11/4/21 0:01	5,647,002	0.07	0.12	0.08	0.02	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.06	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.4	0.4	0.5
2021_Q4_23	11/4/21 0:01	11/4/21 23:01	2,375,982	0.03	0.05	0.03	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q4_24	11/4/21 23:01	11/8/21 0:01	7,357,821	0.10	0.16	0.11	0.03	0.00	0.00	0.16	0.00	0.00	0.00	0.04	0.07	0.00	0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.04	0.5	0.6	0.7
2021_Q4_25	11/8/21 0:01	11/8/21 23:01	2,222,612	0.03	0.05	0.03	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q4_26	11/8/21 23:01	11/10/21 10:50	3,396,841	0.05	0.07	0.05	0.01	0.00	0.00	0.08	0.00	0.00	0.00	0.02	0.03	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.3	0.3	0.3
2021_Q4_27	11/10/21 10:50	11/10/21 16:36	516,610	0.01	0.01	0.01	0.00	0.00	0.00	0.01	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	0.0	0.0	0.0
2021_Q4_28	11/10/21 16:36	11/11/21 0:01	674,975	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.1
2021_Q4_29	11/11/21 0:01	11/11/21 15:36	1,456,655	0.02	0.03	0.02	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2021_Q4_30	11/11/21 15:36	11/11/21 23:01	754,182	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.1
2021_Q4_31	11/11/21 23:01	11/15/21 0:01	7,993,905	0.10	0.16	0.11	0.03	0.00	0.00	0.19	0.00	0.00	0.00	0.06	0.07	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.6	0.6	0.8
2021_Q4_32	11/15/21 0:01	11/15/21 23:01	2,508,759	0.03	0.05	0.04	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.04	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.3
2021_Q4_33	11/15/21 23:01	11/18/21 0:01	4,983,063	0.08	0.10	0.08	0.02	0.00	0.00	0.12	0.00	0.00	0.00	0.06	0.05	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.4	0.4	0.6
2021_Q4_34	11/18/21 0:01	11/18/21 23:01	2,220,548	0.04	0.05	0.04	0.01	0.00	0.00	0.06	0.00	0.00	0.00	0.03	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.3
2021_Q4_35	11/18/21 23:01	11/22/21 0:01	7,117,674	0.12	0.13	0.12	0.03	0.00	0.00	0.16	0.00	0.00	0.00	0.04	0.06	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.6	0.6	0.7
2021_Q4_36	11/22/21 0:01	11/22/21 23:01	2,229,646	0.03	0.03	0.03	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.2	0.2
2021_Q4_37	11/22/21 23:01	11/25/21 0:01	5,630,284	0.07	0.08	0.08	0.02	0.00	0.00	0.09	0.00	0.00	0.00	0.02	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.3	0.4	0.4
2021_Q4_38	11/25/21 0:01	11/25/21 23:01	2,670,845	0.03	0.04	0.04	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q4_39	11/25/21 23:01	11/29/21 0:01	8,163,662	0.10	0.12	0.11	0.03	0.00	0.00	0.11	0.00	0.00	0.00	0.02	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.5	0.5	0.6
2021_Q4_40	11/29/21 0:01	11/29/21 23:01	2,393,312	0.03	0.03	0.03	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.2
2021_Q4_41	11/29/21 23:01	12/2/21 0:01	4,965,427	0.04	0.10	0.07	0.02	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.3	0.3	0.3
2021_Q4_42	12/2/21 0:01	12/2/21 23:01	2,323,839	0.01	0.06	0.04	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q4_43	12/2/21 23:01	12/6/21 0:01	6,759,837	0.04	0.18	0.10	0.03	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.4	0.4	0.5
2021_Q4_44	12/6/21 0:01	12/6/21 23:01	2,166,774	0.01	0.06	0.03	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.2
2021_Q4_45	12/6/21 23:01	12/9/21 0:01	4,310,203	0.08	0.14	0.08	0.02	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.4	0.4	0.4
2021_Q4_46	12/9/21 0:01	12/9/21 23:01	3,880,677	0.12	0.14	0.09	0.03	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.5	0.5	0.5
2021_Q4_47	12/9/21 23:01	12/13/21 0:01	10,843,936	0.16	0.24	0.16	0.04	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.07	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.7	0.7	0.8
2021_Q4_48	12/13/21 0:01	12/13/21 23:01	3,010,307	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.0	0.1	0.1
2021_Q4_49	12/13/21 23:01	12/15/21 9:16	4,054,180	0.01	0.07	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.1	0.2	0.2
2021_Q4_50	12/15/21 9:16	12/16/21 0:01	1,535,226	0.01	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2021_Q4_51	12/16/21 0:01	12/16/21 8:16	829,797	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.1	0.1
2021_Q4_52	12/16/21 8:16	12/16/21 23:01	1,528,090	0.01	0.05	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2021_Q4_53	12/16/21 23:01	12/20/21 0:01	7,326,576	0.08	0.23	0.12	0.03	0.00	0.00	0.06	0.00	0.00	0.00	0.04	0.02	0.00	0.08	0.00	0.00	0.01	0.00	0.00	0.00	0.04	0.5	0.6	0.7
2021_Q4_54	12/20/21 0:01	12/20/21 23:01	2,870,802	0.04	0.09	0.05	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.03	0.02	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.2	0.3	0.3
2021_Q4_55	12/20/21 23:01	12/23/21 0:01	8,730,197	0.09	0.22	0.12	0.02	0.00	0.00	0.12	0.00	0.00	0.00	0.11	0.06	0.00	0.09	0.00	0.00	0.02	0.00	0.00	0.00	0.04	0.6	0.7	0.8
2021_Q4_56	12/23/21 0:01	12/23/21 23:01	5,142,651	0.04	0.09	0.05	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.07	0.03	0.00	0.06	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.2	0.3	0.4
2021_Q4_57	12/23/21 23:01	12/27/21 0:01	11,483,614	0.11	0.26	0.14	0.02	0.00	0.00	0.13	0.00	0.00	0.00	0.11	0.09	0.00	0.09	0.00	0.00	0.01	0.00	0.00	0.00	0.05	0.7	0.8	1.0
2021_Q4_58	12/27/21 0:01	12/27/21 23:01	2,756,730	0.03	0.08	0.04	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.02	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2021_Q4_59	12/27/21 23:01	12/30/21 0:01	5,396,993	0.06	0.15	0.08	0.02	0.00	0.00	0.07	0.00	0.00	0.00	0.03	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.4	0.4	0.5
2021_Q4_60	12/30/21 0:01	12/30/21 23:01	2,364,768	0.03	0.07	0.03	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2021_Q4_61	12/30/21 23:01	1/1/22 0:00	3,151,495	0.03	0.07	0.04	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2022_Q1_1	1/1/22 0:00	*1/2/22 0:01*	3,511,855	0.04	0.08	0.04	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.3
2022_Q1_2	1/2/22 0:01	1/2/22 23:01	4,747,631	0.04	0.08	0.05	0.01	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.3	0.3	0.3
2022_Q1_3	1/2/22 23:01	1/3/22 0:01	272,946	0.00	0.01	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	0.0	0.0	0.0
2022_Q1_4	1/3/22 0:01	1/3/22 23:01	8,276,051	0.17	0.23	0.17	0.04	0.00	0.00	0.17	0.00	0.00	0.00	0.05	0.12	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.8	0.8	1.0
2022_Q1_5	1/3/22 23:01	1/11/22 0:01	204,788,058	2.59	3.89	2.58	0.54	0.00	0.00	2.15	0.00	0.00	0.00	0.92	1.77	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.75	11.8	12.2	14.9
2022_Q1_6	1/11/22 0:01	1/11/22 23:01	12,376,614	0.05	0.12	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.2	0.2	0.3
2022_Q1_7	1/11/22 23:01	1/13/22 0:01	17,190,506	0.07	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.2	0.2	0.3
2022_Q1_8	1/13/22 0:01	1/13/22 23:01	14,486,276	0.05	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.1	0.1	0.2
2022_Q1_9	1/13/22 23:01	1/19/22 0:01	61,867,779	0.22	0.16	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.6	0.6	0.9
2022_Q1_10	1/19/22 0:01	1/19/22 23:01	17,235,105	0.06	0.09	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.2	0.2	0.3
2022_Q1_11	1/19/22 23:01	1/20/22 0:01	753,341	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	0.00	0.0	0.0	0.0
2022_Q1_12	1/20/22 0:01	1/20/22 14:01	9,638,233	0.03	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.1	0.1	0.1
2022_Q1_13	1/20/22 14:01	1/25/22 0:01	80,800,706	0.29	0.21	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.8	0.8	0.9
2022_Q1_14	1/25/22 0:01	1/25/22 23:01	16,923,167	0.07	0.00	0.06	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	0.06	0.1	0.1	0.1
2022_Q1_15	1/25/22 23:01	1/26/22 12:54	9,641,037	0.04	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.1	0.1	0.1
2022_Q1_16	1/26/22 12:54	1/27/22 11:54	14,657,536	0.06	0.10	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.2	0.3	0.3
2022_Q1_17	1/27/22 11:54	1/28/22 0:01	6,759,429	0.03	0.05	0.03	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.1	0.2	0.2
2022_Q1_18	1/28/22 0:01	1/28/22 23:01	10,674,715	0.05	0.09	0.05	0.00	0.00	0.00	0.11	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	0.04	0.3	0.3	0.3
2022_Q1_19	1/28/22 23:01	1/31/22 0:01	14,213,075	0.08	0.15	0.09	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.5	0.5	0.5
2022_Q1_20	1/31/22 0:01	1/31/22 23:01	5,886,053	0.04	0.08	0.04	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.2	0.3	0.3
2022_Q1_21	1/31/22 23:01	2/3/22 0:01	11,973,184	0.09	0.19	0.11	0.02	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.04	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.6	0.6	0.7
2022_Q1_22	2/3/22 0:01	2/3/22 23:01	5,202,286	0.04	0.10	0.06	0.02	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.3	0.3	0.3
2022_Q1_23	2/3/22 23:01	2/7/22 0:01	19,595,286	0.12	0.27	0.15	0.04	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.06	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.9	0.9	1.0
2022_Q1_24	2/7/22 0:01	2/7/22 23:01	9,708,063	0.04	0.09	0.05	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.01	0.02	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.3	0.3	0.4
2022_Q1_25	2/7/22 23:01	2/11/22 0:01	49,173,875	0.19	0.36	0.21	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.05	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.22	1.1	1.2	1.2
2022_Q1_26	2/11/22 0:01	2/11/22 23:01	12,978,828	0.05	0.07	0.05	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	0.05	0.2	0.2	0.2
2022_Q1_27	2/11/22 23:01	2/14/22 0:01	15,094,861	0.07	0.10	0.08	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.3	0.4	0.4
2022_Q1_28	2/14/22 0:01	2/14/22 23:01	5,535,377	0.03	0.04	0.04	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.2
2022_Q1_29	2/14/22 23:01	2/18/22 0:01	15,776,844	0.04	0.06	0.10	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.3	0.3	0.3
2022_Q1_30	2/18/22 0:01	2/18/22 23:01	4,735,143	0.00	0.00	0.03	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	0.0	0.0	0.0
2022_Q1_31	2/18/22 23:01	2/26/22 0:01	33,417,928	0.00	0.00	0.21	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	0.06	0.2	0.2	0.2
2022_Q1_32	2/26/22 0:01	2/26/22 23:01	6,174,035	0.00	0.00	0.04	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	0.02	0.0	0.0	0.0
2022_Q1_33	2/26/22 23:01	2/27/22 0:01	382,023	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	0.00	0.0	0.0	0.0
2022_Q1_34	2/27/22 0:01	2/27/22 23:01	8,817,866	0.00	0.00	0.03	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	0.03	0.0	0.0	0.0
2022_Q1_35	2/27/22 23:01	2/28/22 0:01	412,350	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	0.00	0.0	0.0	0.0
2022_Q1_36	2/28/22 0:01	2/28/22 23:01	10,231,528	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	0.00	0.0	0.0	0.0
2022_Q1_37	2/28/22 23:01	3/3/22 0:01	24,555,718	0.04	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.02	0.00	0.06	0.00	0.00	0.06	0.00	0.00	0.00	0.06	0.1	0.1	0.4
2022_Q1_38	3/3/22 0:01	3/3/22 23:01	10,699,436	0.03	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.02	0.00	0.05	0.00	0.00	0.05	0.00	0.00	0.00	0.05	0.1	0.1	0.3
2022_Q1_39	3/3/22 23:01	3/7/22 0:01	16,598,996	0.08	0.09	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.04	0.00	0.09	0.00	0.00	0.08	0.00	0.00	0.00	0.08	0.3	0.4	0.7
2022_Q1_40	3/7/22 0:01	3/7/22 23:01	3,841,633	0.03	0.04	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.01	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.1	0.1	0.2
2022_Q1_41	3/7/22 23:01	3/10/22 23:01	12,345,522	0.09	0.15	0.12	0.03	0.00	0.00	0.13	0.00	0.00	0.00	0.12	0.04	0.00	0.09	0.00	0.00	0.07	0.00	0.00	0.00	0.05	0.5	0.6	0.8
2022_Q1_42	3/10/22 23:01	3/17/22 12:30	205,183,587	0.93	1.23	1.23	0.24	0.00	0.00	1.03	0.00	0.00	0.00	1.01	0.36	0.00	0.70	0.00	0.00	0.53	0.00	0.00	0.00	0.81	4.7	5.4	7.3
2022_Q1_43	3/17/22 12:30	3/18/22 9:00	39,619,233	0.04	0.00	0.05	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	0.14	0.1	0.1	0.1

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2022_Q1_44	3/18/22 9:00	3/22/22 9:10	206,215,736	0.36	0.92	0.47	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	0.67	1.8	1.8	1.8
2022_Q1_45	3/22/22 9:10	3/23/22 8:10	23,996,574	0.08	0.21	0.11	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	0.07	0.4	0.4	0.4
2022_Q1_46	3/23/22 8:10	3/24/22 13:05	25,746,385	0.08	0.16	0.10	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	0.08	0.3	0.3	0.3
2022_Q1_47	3/24/22 13:05	3/29/22 0:01	101,425,847	0.27	0.32	0.29	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	0.35	0.9	0.9	0.9
2022_Q1_48	3/29/22 0:01	3/29/22 23:01	18,757,589	0.04	0.06	0.05	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	0.07	0.2	0.2	0.2
2022_Q1_49	3/29/22 23:01	3/31/22 0:01	14,136,874	0.04	0.05	0.04	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	0.05	0.1	0.1	0.1
2022_Q1_50	3/31/22 0:01	3/31/22 23:01	11,889,083	0.03	0.04	0.04	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	0.04	0.1	0.1	0.1
2022_Q1_51	3/31/22 23:01	4/1/22 0:00	531,111	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	0.00	0.0	0.0	0.0
2022_Q2_1	4/1/22 0:00	*4/4/22 0:01*	54,130,484	0.15	0.09	0.18	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	0.17	0.4	0.4	0.4
2022_Q2_2	4/4/22 0:01	4/4/22 23:01	15,899,173	0.04	0.00	0.05	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	0.04	0.1	0.1	0.1
2022_Q2_3	4/4/22 23:01	4/7/22 0:01	26,113,881	0.08	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.3	0.3	0.5
2022_Q2_4	4/7/22 0:01	4/7/22 23:01	15,992,194	0.06	0.14	0.09	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	0.06	0.3	0.3	0.5
2022_Q2_5	4/7/22 23:01	4/11/22 0:01	44,026,891	0.19	0.41	0.24	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.34	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.13	1.1	1.1	1.5
2022_Q2_6	4/11/22 0:01	4/11/22 23:01	7,753,096	0.04	0.08	0.05	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.3	0.3
2022_Q2_7	4/11/22 23:01	4/15/22 0:01	22,813,807	0.12	0.11	0.14	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.5	0.5	0.6
2022_Q2_8	4/15/22 0:01	4/15/22 23:01	4,711,952	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q2_9	4/15/22 23:01	4/19/22 17:05	16,481,509	0.11	0.07	0.12	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.02	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.3	0.4	0.4
2022_Q2_10	4/19/22 17:05	4/19/22 17:33	131,503	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	0.00	0.0	0.0	0.0
2022_Q2_11	4/19/22 17:33	4/20/22 16:33	23,706,807	0.10	0.45	0.22	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.24	0.00	0.26	0.00	0.00	0.12	0.00	0.00	0.00	0.08	0.8	1.1	2.0
2022_Q2_12	4/20/22 16:33	4/21/22 0:01	12,666,125	0.03	0.12	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.06	0.00	0.07	0.00	0.00	0.03	0.00	0.00	0.00	0.04	0.2	0.3	0.5
2022_Q2_13	4/21/22 0:01	4/21/22 23:01	34,746,470	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	0.11	0.0	0.0	0.0
2022_Q2_14	4/21/22 23:01	4/22/22 0:01	1,378,747	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	0.01	0.0	0.0	0.0
2022_Q2_15	4/22/22 0:01	4/22/22 23:01	22,915,238	0.00	0.00	0.05	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	0.11	0.0	0.0	0.0
2022_Q2_16	4/22/22 23:01	4/25/22 0:01	17,344,946	0.05	0.00	0.07	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.2	0.3	0.3
2022_Q2_17	4/25/22 0:01	4/25/22 23:01	5,297,855	0.03	0.00	0.03	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.1	0.1	0.1
2022_Q2_18	4/25/22 23:01	4/28/22 0:01	12,402,864	0.06	0.09	0.08	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.02	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.3	0.3	0.4
2022_Q2_19	4/28/22 0:01	4/28/22 23:01	6,236,474	0.03	0.09	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.2
2022_Q2_20	4/28/22 23:01	5/2/22 0:01	12,666,380	0.08	0.22	0.09	0.01	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.05	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.5	0.5	0.6
2022_Q2_21	5/2/22 0:01	5/2/22 23:01	3,566,394	0.03	0.07	0.03	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2022_Q2_22	5/2/22 23:01	5/5/22 0:01	8,605,575	0.07	0.15	0.08	0.02	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.05	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.4	0.4	0.5
2022_Q2_23	5/5/22 0:01	5/5/22 23:01	3,891,839	0.03	0.06	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.2	0.2
2022_Q2_24	5/5/22 23:01	5/9/22 0:01	12,039,445	0.09	0.18	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.4	0.5	0.6
2022_Q2_25	5/9/22 0:01	5/9/22 23:01	5,303,972	0.03	0.08	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.2
2022_Q2_26	5/9/22 23:01	5/13/22 0:01	19,443,904	0.12	0.28	0.17	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.6	0.7	0.8
2022_Q2_27	5/13/22 0:01	5/13/22 23:01	4,416,833	0.03	0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.2
2022_Q2_28	5/13/22 23:01	5/16/22 0:01	9,041,626	0.06	0.13	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.3	0.3	0.3
2022_Q2_29	5/16/22 0:01	5/16/22 23:01	4,886,780	0.03	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.1	0.2	0.2
2022_Q2_30	5/16/22 23:01	5/19/22 0:01	8,779,383	0.05	0.13	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.2	0.3	0.4
2022_Q2_31	5/19/22 0:01	5/19/22 23:01	3,594,937	0.02	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.1	0.1	0.2
2022_Q2_32	5/19/22 23:01	5/23/22 0:01	8,895,596	0.06	0.16	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.3	0.4	0.5
2022_Q2_33	5/23/22 0:01	5/23/22 23:01	2,544,693	0.02	0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q2_34	5/23/22 23:01	5/26/22 0:01	9,485,832	0.06	0.15	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.3	0.3	0.4

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2022_Q2_35	5/26/22 0:01	5/26/22 23:01	7,610,634	0.02	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.1	0.2	0.2
2022_Q2_36	5/26/22 23:01	5/30/22 0:01	65,272,087	0.10	0.28	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.5	0.7	0.8
2022_Q2_37	5/30/22 0:01	5/30/22 23:01	21,136,119	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	0.10	0.0	0.0	0.0
2022_Q2_38	5/30/22 23:01	6/2/22 0:01	32,553,217	0.06	0.14	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.3	0.3	0.3
2022_Q2_39	6/2/22 0:01	6/2/22 23:01	4,337,065	0.02	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.1	0.1	0.1
2022_Q2_40	6/2/22 23:01	6/6/22 0:01	8,446,751	0.05	0.12	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.2	0.3	0.3
2022_Q2_41	6/6/22 0:01	6/6/22 23:01	2,254,519	0.02	0.05	0.03	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q2_42	6/6/22 23:01	6/9/22 0:01	4,585,265	0.05	0.10	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.2
2022_Q2_43	6/9/22 0:01	6/9/22 23:01	2,373,866	0.03	0.05	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q2_44	6/9/22 23:01	6/13/22 0:01	9,656,277	0.09	0.20	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.4	0.5	0.5
2022_Q2_45	6/13/22 0:01	6/13/22 23:01	3,004,446	0.03	0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.2
2022_Q2_46	6/13/22 23:01	6/16/22 0:01	6,218,125	0.05	0.13	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.3	0.3	0.4
2022_Q2_47	6/16/22 0:01	6/16/22 23:01	2,469,767	0.02	0.05	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q2_48	6/16/22 23:01	6/20/22 0:01	7,629,034	0.07	0.16	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.03	0.3	0.4	0.4
2022_Q2_49	6/20/22 0:01	6/20/22 23:01	2,367,877	0.02	0.05	0.03	0.01	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	0.01	0.1	0.1	0.1
2022_Q2_50	6/20/22 23:01	6/23/22 0:01	5,095,350	0.05	0.10	0.06	0.02	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	0.02	0.2	0.2	0.2
2022_Q2_51	6/23/22 0:01	6/23/22 23:01	2,160,403	0.02	0.04	0.02	0.01	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	0.01	0.1	0.1	0.1
2022_Q2_52	6/23/22 23:01	6/27/22 0:01	6,296,797	0.06	0.13	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.3	0.3	0.3
2022_Q2_53	6/27/22 0:01	6/27/22 23:01	1,982,057	0.02	0.05	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q2_54	6/27/22 23:01	6/30/22 0:01	4,601,728	0.05	0.11	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.3	0.3
2022_Q2_55	6/30/22 0:01	7/1/22 0:00	2,611,872	0.03	0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.2	0.2
2022_Q3_1	7/1/22 0:00	7/4/22 0:01	7,271,758	0.04	0.09	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.3
2022_Q3_2	7/4/22 0:01	7/4/22 23:01	2,578,334	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	0.00	0.0	0.0	0.0
2022_Q3_3	7/4/22 23:01	7/8/22 0:01	7,948,057	0.00	0.03	0.03	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	0.02	0.1	0.1	0.1
2022_Q3_4	7/8/22 0:01	7/8/22 23:01	4,544,004	0.00	0.04	0.03	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	0.02	0.1	0.1	0.1
2022_Q3_5	7/8/22 23:01	7/9/22 0:01	323,152	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	0.00	0.0	0.0	0.0
2022_Q3_6	7/9/22 0:01	7/9/22 23:01	7,553,292	0.11	0.09	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.08	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.3	0.3	0.5
2022_Q3_7	7/9/22 23:01	7/11/22 0:01	9,320,943	0.09	0.12	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.08	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.3	0.4	0.5
2022_Q3_8	7/11/22 0:01	7/11/22 23:01	8,068,093	0.05	0.11	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.2	0.3	0.3
2022_Q3_9	7/11/22 23:01	7/14/22 0:01	8,919,042	0.06	0.14	0.07	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.08	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.3	0.4	0.5
2022_Q3_10	7/14/22 0:01	7/14/22 23:01	3,429,538	0.02	0.06	0.03	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2022_Q3_11	7/14/22 23:01	7/18/22 0:01	18,230,301	0.13	0.28	0.18	0.04	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.20	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.8	1.0	1.2
2022_Q3_12	7/18/22 0:01	7/18/22 23:01	5,316,205	0.04	0.08	0.06	0.01	0.00	0.00	0.06	0.00	0.00	0.00	0.02	0.06	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.2	0.3	0.4
2022_Q3_13	7/18/22 23:01	7/20/22 15:35	7,145,785	0.05	0.11	0.07	0.02	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.07	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.3	0.4	0.4
2022_Q3_14	7/20/22 15:35	7/21/22 0:01	1,180,728	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.1
2022_Q3_15	7/21/22 0:01	7/21/22 23:01	2,782,725	0.03	0.03	0.03	0.01	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	0.01	0.1	0.1	0.1
2022_Q3_16	7/21/22 23:01	7/25/22 0:01	7,666,956	0.09	0.13	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.3	0.3	0.3
2022_Q3_17	7/25/22 0:01	7/25/22 23:01	2,141,595	0.02	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q3_18	7/25/22 23:01	7/28/22 0:01	6,003,820	0.05	0.10	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.2	0.2	0.3
2022_Q3_19	7/28/22 0:01	7/28/22 23:01	2,199,573	0.02	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q3_20	7/28/22 23:01	8/1/22 0:01	6,426,797	0.06	0.10	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.3	0.3	0.3
2022_Q3_21	8/1/22 0:01	8/1/22 23:01	2,122,302	0.02	0.04	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2022_Q3_22	8/1/22 23:01	8/4/22 0:01	4,541,150	0.04	0.07	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.2
2022_Q3_23	8/4/22 0:01	8/4/22 23:01	7,119,178	0.05	0.08	0.07	0.02	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	0.03	0.2	0.2	0.2
2022_Q3_24	8/4/22 23:01	8/10/22 0:01	10,686,234	0.09	0.19	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.4	0.4	0.5
2022_Q3_25	8/10/22 0:01	8/10/22 23:01	1,922,193	0.02	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q3_26	8/10/22 23:01	8/12/22 0:01	2,268,969	0.02	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q3_27	8/12/22 0:01	8/12/22 23:01	1,850,350	0.02	0.03	0.02	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	0.01	0.1	0.1	0.1
2022_Q3_28	8/12/22 23:01	8/15/22 0:01	6,399,477	0.05	0.09	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.2	0.2	0.3
2022_Q3_29	8/15/22 0:01	8/15/22 23:01	2,614,013	0.02	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.1	0.1	0.1
2022_Q3_30	8/15/22 23:01	8/18/22 0:01	7,349,921	0.05	0.10	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.2	0.2	0.3
2022_Q3_31	8/18/22 0:01	8/18/22 23:01	2,728,951	0.02	0.03	0.02	0.01	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	0.01	0.1	0.1	0.1
2022_Q3_32	8/18/22 23:01	8/22/22 0:01	8,423,560	0.05	0.10	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.2	0.3	0.3
2022_Q3_33	8/22/22 0:01	8/22/22 23:01	3,435,145	0.02	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.1	0.1	0.1
2022_Q3_34	8/22/22 23:01	8/25/22 0:01	9,398,928	0.03	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.2	0.2	0.2
2022_Q3_35	8/25/22 0:01	8/25/22 23:01	4,136,242	0.00	0.03	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	0.02	0.0	0.0	0.0
2022_Q3_36	8/25/22 23:01	8/29/22 0:01	10,255,484	0.03	0.10	0.04	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	0.04	0.2	0.2	0.2
2022_Q3_37	8/29/22 0:01	8/29/22 23:01	2,477,922	0.01	0.03	0.02	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	0.01	0.1	0.1	0.1
2022_Q3_38	8/29/22 23:01	9/1/22 0:01	4,517,118	0.03	0.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.2
2022_Q3_39	9/1/22 0:01	9/1/22 23:01	2,103,036	0.02	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q3_40	9/1/22 23:01	9/5/22 0:01	6,454,984	0.06	0.19	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.3	0.4	0.4
2022_Q3_41	9/5/22 0:01	9/5/22 23:01	1,936,872	0.02	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q3_42	9/5/22 23:01	9/8/22 0:01	4,303,577	0.04	0.09	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.3
2022_Q3_43	9/8/22 0:01	9/8/22 23:01	2,201,587	0.02	0.03	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q3_44	9/8/22 23:01	9/12/22 0:01	13,771,876	0.08	0.09	0.11	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.3	0.4	0.4
2022_Q3_45	9/12/22 0:01	9/12/22 23:01	11,497,631	0.03	0.00	0.02	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	0.06	0.1	0.1	0.1
2022_Q3_46	9/12/22 23:01	9/15/22 0:01	10,884,713	0.04	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.07	0.00	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.05	0.2	0.2	0.3
2022_Q3_47	9/15/22 0:01	9/15/22 23:01	3,261,081	0.02	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.1	0.1	0.2
2022_Q3_48	9/15/22 23:01	9/19/22 0:01	7,618,636	0.04	0.14	0.07	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.05	0.08	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.03	0.3	0.3	0.5
2022_Q3_49	9/19/22 0:01	9/19/22 23:01	2,278,832	0.02	0.05	0.03	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.1	0.1	0.2
2022_Q3_50	9/19/22 23:01	9/22/22 0:01	4,158,720	0.03	0.06	0.02	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.03	0.02	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.2	0.2	0.2
2022_Q3_51	9/22/22 0:01	9/22/22 23:01	1,802,999	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.0	0.1	0.1
2022_Q3_52	9/22/22 23:01	9/26/22 0:01	5,129,118	0.05	0.04	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.02	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.1	0.2	0.2
2022_Q3_53	9/26/22 0:01	9/26/22 23:01	1,731,334	0.02	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q3_54	9/26/22 23:01	9/29/22 11:15	4,143,480	0.04	0.08	0.06	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.2	0.2	0.3
2022_Q3_55	9/29/22 11:15	10/1/22 0:00	3,141,785	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	0.00	0.0	0.0	0.0
2022_Q4_1	10/1/22 0:00	10/5/22 0:01	48,890,531	0.36	1.00	0.58	0.10	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.27	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.31	2.4	2.6	2.9
2022_Q4_2	10/5/22 0:01	10/5/22 23:01	6,462,018	0.02	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.1	0.2	0.2
2022_Q4_3	10/5/22 23:01	10/7/22 0:01	4,424,479	0.02	0.07	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.1	0.1	0.2
2022_Q4_4	10/7/22 0:01	10/7/22 23:01	3,201,446	0.02	0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q4_5	10/7/22 23:01	10/10/22 0:01	5,184,650	0.04	0.11	0.06	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.3	0.3	0.3
2022_Q4_6	10/10/22 0:01	10/10/22 23:01	2,215,349	0.02	0.06	0.03	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.2
2022_Q4_7	10/10/22 23:01	10/13/22 0:01	4,267,618	0.04	0.12	0.06	0.02	0.00	0.00	0.06	0.00	0.00	0.00	0.01	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.3	0.3	0.4
2022_Q4_8	10/13/22 0:01	10/13/22 23:01	1,906,341	0.02	0.06	0.03	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.2	0.2
2022_Q4_9	10/13/22 23:01	10/17/22 0:01	7,021,825	0.06	0.20	0.10	0.02	0.00	0.00	0.05	0.00	0.00	0.00	0.05	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.4	0.5	0.6

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2022_Q4_10	10/17/22 0:01	10/17/22 23:01	2,106,476	0.02	0.05	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.2
2022_Q4_11	10/17/22 23:01	10/20/22 0:01	4,087,310	0.04	0.15	0.06	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.03	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.3	0.3	0.4
2022_Q4_12	10/20/22 0:01	10/20/22 23:01	1,656,586	0.02	0.08	0.03	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.2	0.2
2022_Q4_13	10/20/22 23:01	10/24/22 0:01	5,329,330	0.06	0.28	0.10	0.03	0.00	0.00	0.06	0.00	0.00	0.00	0.04	0.05	0.00	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.5	0.6	0.7
2022_Q4_14	10/24/22 0:01	10/24/22 23:01	1,786,026	0.02	0.11	0.03	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2022_Q4_15	10/24/22 23:01	10/27/22 0:01	3,963,809	0.05	0.19	0.08	0.02	0.00	0.00	0.05	0.00	0.00	0.00	0.02	0.03	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.4	0.4	0.5
2022_Q4_16	10/27/22 0:01	10/27/22 23:01	1,882,818	0.02	0.07	0.04	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2022_Q4_17	10/27/22 23:01	10/31/22 0:01	5,671,621	0.07	0.23	0.11	0.03	0.00	0.00	0.07	0.00	0.00	0.00	0.04	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.5	0.6	0.7
2022_Q4_18	10/31/22 0:01	10/31/22 23:01	1,972,322	0.03	0.08	0.04	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2022_Q4_19	10/31/22 23:01	11/3/22 0:01	6,242,081	0.06	0.20	0.09	0.02	0.00	0.00	0.04	0.00	0.00	0.00	0.04	0.04	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.4	0.5	0.6
2022_Q4_20	11/3/22 0:01	11/3/22 23:01	3,881,645	0.03	0.08	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.2	0.2	0.2
2022_Q4_21	11/3/22 23:01	11/7/22 0:01	9,224,609	0.07	0.22	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.4	0.5	0.5
2022_Q4_22	11/7/22 0:01	11/7/22 23:01	2,306,968	0.02	0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q4_23	11/7/22 23:01	11/9/22 9:00	3,387,080	0.03	0.09	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.2
2022_Q4_24	11/9/22 9:00	11/10/22 0:01	1,448,194	0.01	0.04	0.02	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q4_25	11/10/22 0:01	11/10/22 23:01	2,041,973	0.02	0.06	0.03	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.2	0.2
2022_Q4_26	11/10/22 23:01	11/12/22 0:01	2,601,500	0.03	0.04	0.05	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2022_Q4_27	11/12/22 0:01	11/12/22 23:01	4,013,403	0.06	0.00	0.09	0.02	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.2
2022_Q4_28	11/12/22 23:01	11/14/22 0:01	5,295,307	0.05	0.00	0.08	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.2	0.2	0.2
2022_Q4_29	11/14/22 0:01	11/14/22 23:01	4,620,715	0.03	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.1	0.1	0.1
2022_Q4_30	11/14/22 23:01	11/17/22 0:01	9,053,349	0.07	0.11	0.09	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.3	0.4	0.4
2022_Q4_31	11/17/22 0:01	11/17/22 23:01	3,089,821	0.03	0.08	0.04	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.2
2022_Q4_32	11/17/22 23:01	11/21/22 0:01	8,185,834	0.07	0.18	0.09	0.02	0.00	0.00	0.10	0.00	0.00	0.00	0.03	0.06	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.5	0.5	0.6
2022_Q4_33	11/21/22 0:01	11/21/22 23:01	2,661,925	0.02	0.05	0.02	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.2	0.2
2022_Q4_34	11/21/22 23:01	11/24/22 0:01	5,215,029	0.04	0.09	0.06	0.01	0.00	0.00	0.08	0.00	0.00	0.00	0.02	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.3	0.3	0.3
2022_Q4_35	11/24/22 0:01	11/24/22 23:01	2,256,864	0.02	0.04	0.03	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2022_Q4_36	11/24/22 23:01	11/28/22 0:01	8,590,385	0.07	0.12	0.10	0.02	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.4	0.4	0.4
2022_Q4_37	11/28/22 0:01	11/28/22 23:01	4,241,496	0.03	0.05	0.05	0.01	0.00	0.00	0.05	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	0.02	0.2	0.2	0.2
2022_Q4_38	11/28/22 23:01	12/1/22 0:01	21,921,317	0.12	0.13	0.16	0.02	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.7	0.7	0.7
2022_Q4_39	12/1/22 0:01	12/1/22 23:01	13,252,284	0.05	0.00	0.05	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	0.00	0.00	0.00	0.00	0.06	0.2	0.2	0.2
2022_Q4_40	12/1/22 23:01	12/5/22 0:01	48,341,020	0.15	0.14	0.16	0.00	0.00	0.00	0.27	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	0.23	0.7	0.7	0.7
2022_Q4_41	12/5/22 0:01	12/5/22 23:01	10,625,783	0.03	0.06	0.04	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	0.05	0.1	0.1	0.1
2022_Q4_42	12/5/22 23:01	12/8/22 0:01	15,739,636	0.12	0.15	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.4	0.4	0.4
2022_Q4_43	12/8/22 0:01	12/8/22 23:01	4,210,658	0.05	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1	0.1	0.1
2022_Q4_44	12/8/22 23:01	12/12/22 0:01	19,075,134	0.15	0.21	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.5	0.5	0.5
2022_Q4_45	12/12/22 0:01	12/12/22 23:01	6,748,981	0.02	0.06	0.04	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	0.1	0.1	0.1
2022_Q4_46	12/12/22 23:01	12/17/22 0:01	22,751,878	0.10	0.10	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.3	0.3	0.3
2022_Q4_47	12/17/22 0:01	12/17/22 23:01	24,957,619	0.15	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.2	0.3	0.3
2022_Q4_48	12/17/22 23:01	12/19/22 0:01	27,714,349	0.11	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.2	0.2	0.2
2022_Q4_49	12/19/22 0:01	12/19/22 23:01	18,592,700	0.04	0.00	0.05	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	0.1	0.1	0.1

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2022_Q4_50	12/19/22 23:01	12/22/22 0:01	37,874,264	0.14	0.00	0.13	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	0.3	0.3	0.3
2022_Q4_51	12/22/22 0:01	12/22/22 23:01	15,790,606	0.08	0.00	0.06	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	0.1	0.1	0.1
2022_Q4_52	12/22/22 23:01	12/26/22 0:01	62,331,609	0.23	0.00	0.21	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	0.4	0.4	0.4
2022_Q4_53	12/26/22 0:01	12/26/22 23:01	17,467,275	0.04	0.00	0.04	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	0.1	0.1	0.1
2022_Q4_54	12/26/22 23:01	12/29/22 0:01	27,744,676	0.07	0.00	0.07	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	0.1	0.1	0.1
2022_Q4_55	12/29/22 0:01	12/29/22 23:01	11,761,147	0.03	0.00	0.04	0.00	0.00	0.00	0.09	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	0.02	0.2	0.2	0.2
2022_Q4_56	12/29/22 23:01	1/1/23 0:00	16,659,905	0.05	0.00	0.12	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	0.00	0.00	0.00	0.00	0.07	0.5	0.5	0.5
2023_Q1_1	1/1/23 0:00	1/2/23 0:01	5,829,221	0.02	0.00	0.04	0.00	0.00	0.00	0.10	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	0.02	0.2	0.2	0.2
2023_Q1_2	1/2/23 0:01	1/2/23 23:01	6,039,474	0.03	0.00	0.06	0.00	0.00	0.00	0.11	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	0.02	0.2	0.2	0.2
2023_Q1_3	1/2/23 23:01	1/5/23 0:01	15,162,652	0.06	0.00	0.11	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	0.00	0.00	0.00	0.00	0.06	0.4	0.4	0.4
2023_Q1_4	1/5/23 0:01	1/5/23 23:01	10,871,970	0.03	0.00	0.05	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	0.00	0.00	0.00	0.00	0.04	0.2	0.2	0.2
2023_Q1_5	1/5/23 23:01	1/9/23 0:01	51,838,348	0.20	0.00	0.13	0.00	0.00	0.00	0.36	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	0.7	0.7	0.7
2023_Q1_6	1/9/23 0:01	1/9/23 23:01	11,686,986	0.04	0.00	0.01	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	0.05	0.1	0.1	0.1
2023_Q1_7	1/9/23 23:01	1/12/23 0:01	21,092,285	0.08	0.08	0.04	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	0.08	0.2	0.2	0.2
2023_Q1_8	1/12/23 0:01	1/12/23 23:01	8,304,850	0.02	0.07	0.03	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	0.03	0.1	0.1	0.1
2023_Q1_9	1/12/23 23:01	1/17/23 13:00	51,176,754	0.15	0.33	0.18	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	0.18	0.7	0.7	0.7
2023_Q1_10	1/17/23 13:00	1/19/23 0:01	17,009,816	0.06	0.04	0.06	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	0.07	0.2	0.2	0.2
2023_Q1_11	1/19/23 0:01	1/19/23 23:01	9,735,587	0.04	0.00	0.03	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	0.04	0.1	0.1	0.1
2023_Q1_12	1/19/23 23:01	1/23/23 0:01	19,216,322	0.34	0.20	0.15	0.02	0.00	0.00	0.14	0.00	0.00	0.00	0.03	0.08	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.9	0.9	1.0
2023_Q1_13	1/23/23 0:01	1/23/23 23:01	8,129,257	0.27	0.11	0.09	0.02	0.00	0.00	0.06	0.00	0.00	0.00	0.01	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.5	0.6	0.6
2023_Q1_14	1/23/23 23:01	1/26/23 0:01	44,051,867	1.26	0.32	0.37	0.06	0.00	0.00	0.42	0.00	0.00	0.00	0.10	0.22	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.18	2.4	2.4	2.8
2023_Q1_15	1/26/23 0:01	1/26/23 23:01	26,902,137	0.61	0.12	0.16	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.11	0.18	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.09	1.1	1.1	1.5
2023_Q1_16	1/26/23 23:01	1/31/23 12:18	121,157,989	1.74	0.86	0.50	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.52	0.53	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.47	5.1	5.1	6.4
2023_Q1_17	1/31/23 12:18	2/2/23 0:01	28,243,931	0.17	0.16	0.08	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.12	0.08	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.11	0.6	0.6	0.8
2023_Q1_18	2/2/23 0:01	2/2/23 23:01	15,668,787	0.10	0.10	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.06	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.06	0.2	0.2	0.4
2023_Q1_19	2/2/23 23:01	2/6/23 0:01	71,894,661	0.39	0.44	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.27	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.26	1.0	1.0	1.9
2023_Q1_20	2/6/23 0:01	2/6/23 23:01	21,801,791	0.10	0.13	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.09	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.07	0.3	0.3	0.6
2023_Q1_21	2/6/23 23:01	2/8/23 0:01	16,820,717	0.08	0.12	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.05	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.05	0.3	0.3	0.4
2023_Q1_22	2/8/23 0:01	2/8/23 23:01	9,413,199	0.04	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.2	0.2	0.2
2023_Q1_23	2/8/23 23:01	2/12/23 0:01	23,247,310	0.12	0.25	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.08	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.5	0.5	0.6
2023_Q1_24	2/12/23 0:01	2/12/23 23:01	7,660,585	0.05	0.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.2
2023_Q1_25	2/12/23 23:01	2/13/23 15:30	15,561,750	0.04	0.08	0.04	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.3	0.3	0.3
2023_Q1_26	2/13/23 15:30	2/15/23 9:22	76,034,981	0.08	0.19	0.00	0.00	0.00	0.00	0.49	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	0.10	0.8	0.8	0.8
2023_Q1_27	2/15/23 9:22	2/20/23 0:01	133,726,761	0.18	0.17	0.18	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	0.33	0.5	0.5	0.5
2023_Q1_28	2/20/23 0:01	2/20/23 23:01	19,306,794	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.1	0.1	0.2
2023_Q1_29	2/20/23 23:01	2/22/23 13:20	29,822,991	0.07	0.00	0.07	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	0.13	0.1	0.1	0.1
2023_Q1_30	2/22/23 13:20	2/23/23 0:01	5,629,927	0.02	0.00	0.01	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	0.02	0.0	0.0	0.0
2023_Q1_31	2/23/23 0:01	2/23/23 23:01	9,601,025	0.04	0.00	0.03	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	0.03	0.1	0.1	0.1
2023_Q1_32	2/23/23 23:01	2/27/23 0:01	23,373,461	0.10	0.10	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.3	0.3	0.3
2023_Q1_33	2/27/23 0:01	2/27/23 23:01	6,865,703	0.03	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.1	0.1	0.1
2023_Q1_34	2/27/23 23:01	3/2/23 0:01	14,497,489	0.06	0.12	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.2	0.3	0.3
2023_Q1_35	3/2/23 0:01	3/2/23 23:01	6,256,098	0.03	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.1	0.1	0.2
2023_Q1_36	3/2/23 23:01	3/6/23 0:01	35,395,577	0.11	0.14	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.4	0.4	0.5
2023_Q1_37	3/6/23 0:01	3/6/23 23:01	14,556,360	0.03	0.00	0.04	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	0.05	0.1	0.1	0.1
2023_Q1_38	3/6/23 23:01	3/9/23 0:01	21,113,692	0.18	0.00	0.09	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.09	0.16	0.00	0.02	0.00	0.00	0.06	0.00	0.00	0.00	0.09	0.5	0.5	0.8
2023_Q1_39	3/9/23 0:01	3/9/23 23:01	6,786,699	0.10	0.00	0.04	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.06	0.10	0.00	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.03	0.3	0.3	0.5

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2023_Q1_40	3/9/23 23:01	3/13/23 0:01	15,897,644	0.16	0.00	0.10	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.07	0.12	0.00	0.02	0.00	0.00	0.05	0.00	0.00	0.00	0.06	0.5	0.5	0.8
2023_Q1_41	3/13/23 0:01	3/13/23 23:01	5,960,725	0.03	0.00	0.04	0.00	0.00	0.00	0.07	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	0.02	0.1	0.1	0.1
2023_Q1_42	3/13/23 23:01	3/16/23 0:01	21,638,941	0.08	0.00	0.10	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.3	0.3	0.3
2023_Q1_43	3/16/23 0:01	3/16/23 23:01	9,040,861	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.1	0.1	0.1
2023_Q1_44	3/16/23 23:01	3/20/23 0:01	18,988,994	0.11	0.05	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.2	0.2	0.3
2023_Q1_45	3/20/23 0:01	3/20/23 23:01	5,772,389	0.04	0.03	0.03	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	0.02	0.1	0.1	0.1
2023_Q1_46	3/20/23 23:01	3/23/23 0:01	21,430,473	0.12	0.06	0.08	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	0.08	0.3	0.3	0.3
2023_Q1_47	3/23/23 0:01	3/23/23 23:01	7,286,972	0.02	0.00	0.02	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	0.02	0.0	0.0	0.0
2023_Q1_48	3/23/23 23:01	3/27/23 0:01	16,418,561	0.08	0.07	0.08	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	0.06	0.2	0.2	0.2
2023_Q1_49	3/27/23 0:01	3/27/23 23:01	5,603,677	0.04	0.05	0.04	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	0.02	0.1	0.1	0.1
2023_Q1_50	3/27/23 23:01	3/30/23 0:01	25,586,593	0.11	0.12	0.11	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	0.09	0.3	0.3	0.3
2023_Q1_51	3/30/23 0:01	3/30/23 23:01	18,738,730	0.04	0.00	0.04	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	0.06	0.1	0.1	0.1
2023_Q1_52	3/30/23 23:01	4/1/23 0:00	13,482,925	0.03	0.00	0.03	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	0.04	0.1	0.1	0.1
2023_Q2_1	4/1/23 0:00	4/3/23 0:01	17,246,574	0.04	0.00	0.05	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	0.05	0.1	0.1	0.1
2023_Q2_2	4/3/23 0:01	4/3/23 23:01	6,314,713	0.02	0.00	0.02	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	0.02	0.0	0.0	0.0
2023_Q2_3	4/3/23 23:01	4/6/23 0:01	12,720,919	0.04	0.00	0.05	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	0.04	0.1	0.1	0.1
2023_Q2_4	4/6/23 0:01	4/6/23 23:01	5,705,873	0.02	0.00	0.02	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	0.02	0.0	0.0	0.0
2023_Q2_5	4/6/23 23:01	4/8/23 0:01	5,905,167	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.1	0.1	0.1
2023_Q2_6	4/8/23 0:01	4/8/23 17:01	8,697,066	0.07	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.03	0.1	0.1	0.1
2023_Q2_7	4/8/23 17:01	4/10/23 12:45	91,233,312	0.53	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.14	1.0	1.2	1.2
2023_Q2_8	4/10/23 12:45	4/11/23 16:25	67,874,632	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.5	0.6	0.6
2023_Q2_9	4/11/23 16:25	4/13/23 12:47	86,937,533	0.65	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.11	1.0	1.2	1.2
2023_Q2_10	4/13/23 12:47	4/17/23 0:01	125,448,161	0.61	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.37	0.9	1.2	1.2
2023_Q2_11	4/17/23 0:01	4/17/23 23:01	33,760,194	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	0.12	0.0	0.0	0.0
2023_Q2_12	4/17/23 23:01	4/20/23 0:01	59,974,232	0.00	0.00	0.07	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	0.22	0.1	0.1	0.1
2023_Q2_13	4/20/23 0:01	4/20/23 23:01	21,606,575	0.00	0.00	0.05	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	0.08	0.0	0.0	0.0
2023_Q2_14	4/20/23 23:01	4/24/23 0:01	48,978,658	0.00	0.00	0.14	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	0.19	0.1	0.1	0.1
2023_Q2_15	4/24/23 0:01	4/24/23 23:01	17,007,523	0.00	0.00	0.06	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	0.06	0.1	0.1	0.1
2023_Q2_16	4/24/23 23:01	4/27/23 0:01	29,495,762	0.04	0.00	0.11	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	0.09	0.1	0.1	0.1
2023_Q2_17	4/27/23 0:01	4/27/23 23:01	9,163,190	0.02	0.00	0.04	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	0.02	0.1	0.1	0.1
2023_Q2_18	4/27/23 23:01	5/1/23 0:01	25,462,480	0.06	0.00	0.09	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	0.07	0.2	0.2	0.2
2023_Q2_19	5/1/23 0:01	5/1/23 23:01	18,743,317	0.04	0.00	0.06	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	0.05	0.1	0.1	0.1
2023_Q2_20	5/1/23 23:01	5/4/23 0:01	61,804,066	0.20	0.00	0.10	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	0.18	0.3	0.3	0.3
2023_Q2_21	5/4/23 0:01	5/4/23 23:01	24,099,789	0.10	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	0.07	0.1	0.1	0.1
2023_Q2_22	5/4/23 23:01	5/8/23 0:01	45,363,333	0.16	0.00	0.05	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	0.15	0.2	0.2	0.2
2023_Q2_23	5/8/23 0:01	5/8/23 23:01	11,088,849	0.04	0.00	0.02	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	0.04	0.1	0.1	0.1
2023_Q2_24	5/8/23 23:01	5/11/23 0:01	18,064,647	0.06	0.05	0.05	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	0.06	0.2	0.2	0.2
2023_Q2_25	5/11/23 0:01	5/11/23 17:11	3,792,702	0.02	0.01	0.01	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	0.01	0.0	0.0	0.0
2023_Q2_26	5/11/23 17:11	5/11/23 23:01	1,263,299	0.01	0.01	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	0.0	0.0	0.0
2023_Q2_27	5/11/23 23:01	5/12/23 0:01	215,604	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	0.00	0.0	0.0	0.0
2023_Q2_28	5/12/23 0:01	5/12/23 23:01	4,235,379	0.02	0.03	0.02	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	0.02	0.1	0.1	0.1
2023_Q2_29	5/12/23 23:01	5/15/23 0:01	8,207,242	0.04	0.06	0.03	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	0.02	0.1	0.1	0.1
2023_Q2_30	5/15/23 0:01	5/15/23 23:01	3,592,134	0.02	0.03	0.01	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	0.1	0.1	0.1
2023_Q2_31	5/15/23 23:01	5/18/23 0:01	8,485,030	0.04	0.07	0.03	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	0.1	0.1	0.1
2023_Q2_32	5/18/23 0:01	5/18/23 23:01	4,179,567	0.02	0.03	0.02	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	0.1	0.1	0.1
2023_Q2_33	5/18/23 23:01	5/22/23 0:01	13,746,187	0.06	0.09	0.05	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	0.2	0.2	0.2

TABLE B3
CAPE FEAR RIVER PFAS MASS LOAD BY COMPOUND AND TIME INTERVAL - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Interval Details				Calculated Mass Load [2] (kg)																						
Interval ID	Start Time [1]	End Time [1]	Total River Flow (m^3)	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	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	PFHpA	Total Attachment C[3]	Total Table 3+ (17 Compounds)[4]	Total Table 3+ (20 Compounds)
2023_Q2_34	5/22/23 0:01	5/22/23 23:01	4,297,053	0.02	0.03	0.02	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	0.1	0.1	0.1
2023_Q2_35	5/22/23 23:01	5/25/23 0:01	7,533,159	0.03	0.06	0.03	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	0.01	0.1	0.1	0.1
2023_Q2_36	5/25/23 0:01	5/25/23 23:01	2,766,924	0.01	0.03	0.01	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	0.01	0.0	0.0	0.0
2023_Q2_37	5/25/23 23:01	5/29/23 0:01	7,993,599	0.06	0.09	0.05	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.2	0.2	0.3
2023_Q2_38	5/29/23 0:01	5/29/23 23:01	3,524,853	0.04	0.05	0.03	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.2	0.2	0.2
2023_Q2_39	5/29/23 23:01	6/2/23 0:01	12,762,205	0.09	0.09	0.08	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.4	0.4	0.5
2023_Q2_40	6/2/23 0:01	6/2/23 23:01	4,619,950	0.02	0.00	0.02	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.1	0.1	0.1
2023_Q2_41	6/2/23 23:01	6/6/23 13:48	11,884,241	0.06	0.00	0.06	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.06	0.01	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.3	0.3	0.4
2023_Q2_42	6/6/23 13:48	6/9/23 0:01	5,977,952	0.04	0.04	0.04	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.2	0.2	0.2
2023_Q2_43	6/9/23 0:01	6/9/23 23:01	2,321,265	0.02	0.03	0.02	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	0.01	0.1	0.1	0.1
2023_Q2_44	6/9/23 23:01	6/12/23 0:01	4,497,749	0.03	0.06	0.04	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	0.02	0.1	0.1	0.1
2023_Q2_45	6/12/23 0:01	6/12/23 23:01	2,876,051	0.02	0.03	0.02	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	0.01	0.1	0.1	0.1
2023_Q2_46	6/12/23 23:01	6/15/23 0:01	5,250,759	0.03	0.07	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.1	0.1	0.1
2023_Q2_47	6/15/23 0:01	6/15/23 23:01	2,098,219	0.01	0.03	0.01	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	0.01	0.1	0.1	0.1
2023_Q2_48	6/15/23 23:01	6/19/23 0:01	6,610,673	0.03	0.09	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.2	0.2	0.2
2023_Q2_49	6/19/23 0:01	6/19/23 23:01	1,960,930	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.1	0.1	0.1
2023_Q2_50	6/19/23 23:01	6/22/23 0:01	7,417,966	0.06	0.09	0.05	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.3	0.3	0.3
2023_Q2_51	6/22/23 0:01	6/22/23 23:01	4,966,803	0.05	0.05	0.04	0.00	0.00	0.00	0.07	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	0.02	0.2	0.2	0.2
2023_Q2_52	6/22/23 23:01	6/26/23 0:01	33,027,496	0.24	0.17	0.17	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	0.00	0.00	0.00	0.00	0.16	0.8	0.8	0.8
2023_Q2_53	6/26/23 0:01	6/26/23 23:01	14,705,958	0.05	0.00	0.04	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	0.08	0.1	0.1	0.1
2023_Q2_54	6/26/23 23:01	6/29/23 0:01	48,606,830	0.14	0.09	0.13	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	0.28	0.4	0.4	0.4
2023_Q2_55	6/29/23 0:01	6/29/23 23:01	21,575,483	0.06	0.08	0.06	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	0.14	0.2	0.2	0.2
2023_Q2_56	6/29/23 23:01	7/1/23 0:01	13,934,012	0.04	0.05	0.04	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	0.09	0.1	0.1	0.1

Notes
1 - Start and end times are adjusted based on sampling times ± one hour to account for the total flow of the Cape Fear River.
2 - The calculated mass load is a product of weighted concentration and total river flow. Refer to the Cape Fear River PFAS Mass Loading Calculation Protocol Version 2 (Geosyntec, 2020a) for more details.
3 - Total Attachment C does not include Perfluorohepthanoic acid (PFHpA).
4 - Total Table 3+ (17 compounds) does not include PFHpA, R-PSDA, Hydrolyzed PSDA, and R-EVE.
Where mass loads are equal to 0 kg, the compound was not detected above the reporting limit.
kg - kilogram
m^3 - cubic meter
NA - Compound not analyzed

TABLE B4
SUMMARY OF TOTAL PFAS MASS DISCHARGE AT TAR HEEL FERRY ROAD BRIDGE - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	Collection Date	Hours Composited[1]	Concentrations (ng/L)			Total Volume (ft^3)[4]	Instantaneous Flow Rate (ft^3/s)[5]	Mass Discharge (mg/s)		
			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)
CFR-TARHEEL-83-033120	3/31/20 12:00	83	52	52	63	3,197,300,000	--	16	16	19
CFR-TARHEEL-83-033120-D	3/31/20 12:00	83	56	56	65	3,197,300,000	--	17	17	20
CFR-TARHEEL-48-040220	4/2/20 13:00	48	86	86	110	958,620,000	--	14	14	17
CAP1Q20-CFR-TARHEEL-040220	4/2/20 15:45	0	89	91	130	--	4,770	12	12	18
CAP1Q20-CFR-TARHEEL-24-040320	4/3/20 15:00	24	120	120	160	319,930,000	--	13	13	16
CFR-TARHEEL-83-040620	4/6/20 0:30	83	120	130	160	880,860,000	--	10	11	13
CFR-TARHEEL-79-040920	4/9/20 6:30	79	190	200	250	589,470,000	--	11	12	14
CFR-TARHEEL-83-041920	4/19/20 1:30	83	71	71	81	1,960,700,000	--	13	13	15
CFR-TARHEEL-83-042220	4/22/20 13:30	83	120	120	130	977,480,000	--	11	11	12
CFR-TARHEEL-83-042620	4/26/20 0:49	83	110	110	140	1,006,200,000	--	10	11	14
CFR-TARHEEL-83-042920	4/29/20 11:49	83	120	130	170	808,310,000	--	9.2	9.9	13
CFR-TARHEEL-62-050220	5/2/20 23:49	62	83	86	130	1,912,800,000	--	20	21	31
CFR-TARHEEL-83-050620	5/6/20 11:49	83	51	51	74	2,577,100,000	--	12	12	18
CFR-TARHEEL-83-051120	5/9/20 11:49	83	79	82	110	1,755,700,000	--	13	14	19
CFR-TARHEEL-83-051320	5/13/20 9:49	83	140	140	190	575,460,000	--	7.6	7.8	11
CAP2Q20-CFR-TARHEEL-051420	5/14/20 8:55	0	190	200	270	--	1,540	8.3	8.7	12
CAP2Q20-TARHEEL-24-051820	5/14/20 20:50	24	180	190	250	125,860,000	--	7.4	7.8	11
CFR-TARHEEL-83-051620	5/16/20 19:49	83	190	190	260	417,990,000	--	7.5	7.6	10
CFR-TARHEEL-83-052020	5/20/20 8:49	83	260	260	340	384,660,000	--	9.5	9.5	12
CFR-TARHEEL-052520	5/25/20 10:15	0	4.2	4.2	9.6	--	23,500	2.8	2.8	6.4
CFR-TARHEEL-052920	5/29/20 9:10	0	11	11	11	--	15,500	4.8	4.8	4.8
CFR-TARHEEL-060120	6/1/20 14:25	0	9.2	9.2	15	--	23,200	6	6	9.9
CFR-TARHEEL-060120-D	6/1/20 14:25	0	11	11	13	--	23,200	7.2	7.2	8.5
CFR-TARHEEL-060520	6/5/20 10:55	0	47	47	53	--	14,700	20	20	22
CFR-TARHEEL-39-060820	6/8/20 21:06	82	45	45	58	3,650,600,000	--	16	16	20
CFR-TARHEEL-83-061220	6/12/20 8:06	82	72	72	93	2,027,900,000	--	14	14	18
CFR-TARHEEL-83-061520	6/15/20 19:06	82	75	75	88	2,054,000,000	--	15	15	17
CFR-TARHEEL-83-061920	6/19/20 6:06	82	90	90	100	3,096,900,000	--	27	27	30
CFR-TARHEEL-83-062220	6/22/20 17:06	82	40	40	49	4,194,300,000	--	16	16	20
CFR-TARHEEL-83-062620	6/26/20 4:06	82	79	79	110	2,464,800,000	--	19	19	25
CFR-TARHEEL-83-062920	6/29/20 15:06	82	120	120	160	1,286,000,000	--	15	15	19
CFR-TARHEEL-65-070220	7/2/20 8:06	64	84	87	100	584,870,000	--	6	6.3	7.4
CFR-TARHEEL-24-070320	7/3/20 7:29	24	150	150	210	204,760,000	--	10	10	14
CFR-TARHEEL-24-070720	7/7/20 7:29	24	190	190	250	166,590,000	--	10	10	14
CFR-TARHEEL-24-071020	7/10/20 11:01	24	150	150	200	215,400,000	--	11	11	14
CFR-TARHEEL-24-071020-D	7/10/20 11:01	24	150	160	210	215,400,000	--	11	11	15
CFR-TARHEEL-24-071320	7/13/20 23:01	24	140	150	210	216,310,000	--	9.9	10	15
CFR-TARHEEL-24-071620	7/16/20 23:01	24	160	170	210	180,990,000	--	9.5	10	12
CFR-TARHEEL-24-072020	7/20/20 23:01	24	170	180	180	163,050,000	--	9.1	9.5	9.5
CFR-TARHEEL-24-072220	7/22/20 23:01	24	99	100	150	165,240,000	--	5.4	5.6	7.9
CFR-TARHEEL-24-072320	7/23/20 23:01	24	150	160	200	143,600,000	--	7.1	7.3	9.5
CFR-TARHEEL-12-072720	7/27/20 11:01	11	78	81	110	108,840,000	--	6.1	6.3	8.4
CAP3Q20-CFR-TARHEEL-072820	7/28/20 16:20	0	75	78	78	--	2,780	5.9	6.1	6.1
CAP3Q20-CFR-TARHEEL-24-072920	7/29/20 23:01	24	94	97	120	247,120,000	--	7.6	7.9	9.5
CFR-TARHEEL-24-073020	7/30/20 23:01	24	78	81	99	335,190,000	--	8.6	8.9	11
CFR-TARHEEL-080320	8/3/20 14:50	0	110	120	140	--	2,450	7.6	8.3	9.7
CFR-TARHEEL-080420	8/4/20 12:30	0	210	210	240	--	4,250	25	25	29
CFR-TARHEEL-24-080620	8/6/20 22:55	24	21	21	24	760,600,000	--	5.2	5.2	5.9
CFR-TARHEEL-24-081020	8/10/20 21:56	24	36	36	36	507,950,000	--	6	6	6

TABLE B4
SUMMARY OF TOTAL PFAS MASS DISCHARGE AT TAR HEEL FERRY ROAD BRIDGE - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	Collection Date	Hours Composited[1]	Concentrations (ng/L)			Total Volume (ft^3)[4]	Instantaneous Flow Rate (ft^3/s)[5]	Mass Discharge (mg/s)		
			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)
CFR-TARHEEL-24-081220	8/12/20 23:01	24	46	46	72	672,600,000	--	10	10	16
CFR-TARHEEL-24-081720	8/17/20 23:01	24	25	25	35	1,107,700,000	--	9.1	8.9	13
CFR-TARHEEL-24-082020	8/20/20 23:01	24	47	47	64	750,330,000	--	12	11	16
CFR-TARHEEL-24-082520	8/25/20 23:01	24	58	58	58	529,670,000	--	10	10	10
CFR-TARHEEL-082720	8/27/20 11:18	0	130	130	150	--	2,850	10	10	12
CFR-TARHEEL-082720-D	8/27/20 11:18	0	130	130	160	--	2,850	10	10	13
CFR-TARHEEL-083120	8/31/20 13:30	0	200	200	250	--	1,840	10	10	13
CFR-TARHEEL-24-090320	9/3/20 23:01	24	44	44	56	515,400,000	--	7.4	7.5	9.5
CFR-TARHEEL-24-090720	9/7/20 23:01	24	59	59	74	255,760,000	--	4.9	5	6.2
CFR-TARHEEL-24-091020	9/10/20 23:01	24	160	160	220	146,080,000	--	7.7	7.6	11
CFR-TARHEEL-24-091420	9/14/20 23:01	24	84	88	120	170,490,000	--	4.7	4.9	6.5
CFR-TARHEEL-24-091720	9/17/20 23:01	24	100	110	150	135,600,000	--	4.4	4.9	6.8
CFR-TARHEEL-11-091820	9/18/20 10:01	10	160	170	280	104,290,000	--	13	14	23
CFR-TARHEEL-24-092120	9/21/20 23:01	24	58	58	67	570,840,000	--	11	11	13
CFR-TARHEEL-24-092420-2	9/24/20 23:01	24	69	69	80	382,980,000	--	8.7	8.6	10
CFR-TARHEEL-24-092520	9/25/20 23:01	24	70	70	84	382,150,000	--	8.8	8.8	11
CFR-TARHEEL-24-092620	9/26/20 23:01	24	70	70	83	703,460,000	--	16	16	19
CFR-TARHEEL-24-092820	9/28/20 23:01	24	51	51	58	841,660,000	--	14	14	16
CFR-TARHEEL-24-092920	9/29/20 23:01	24	16	16	22	792,600,000	--	4.2	4.2	5.6
CFR-TARHEEL-24-093020	9/30/20 23:01	24	74	74	96	971,470,000	--	24	23	31
CFR-TARHEEL-18-100120	10/1/20 17:01	18	15	15	15	847,260,000	--	5.6	5.5	5.5
CFR-TARHEEL-9-100620	10/6/20 23:30	9	24	24	29	126,380,000	--	2.7	2.7	3.2
CFR-TARHEEL-24-100820	10/8/20 16:30	24	39	39	47	231,100,000	--	3	3	3.5
CFR-TARHEEL-24-101220	10/12/20 23:01	24	170	170	220	352,550,000	--	20	20	25
CFR-TARHEEL-24-101520	10/15/20 23:01	24	26	26	35	745,010,000	--	6.3	6.4	8.5
CFR-TARHEEL-24-101920	10/19/20 23:01	24	32	32	42	632,270,000	--	6.6	6.5	8.7
CFR-TARHEEL-24-102220	10/22/20 23:01	24	51	51	51	423,540,000	--	7.1	7	7
CFR-TARHEEL-12-103020	10/30/20 23:01	24	56	60	82	325,130,000	--	6	6.4	8.7
CFR-TARHEEL-24-103120	10/31/20 23:01	24	70	74	92	351,490,000	--	8.1	8.5	11
CFR-TARHEEL-24-110220	11/2/20 23:01	24	51	54	58	547,940,000	--	9.2	9.7	10
CFR-TARHEEL-24-110520	11/5/20 23:01	24	65	65	71	362,140,000	--	7.7	7.8	8.4
CFR-TARHEEL-24-110920	11/9/20 23:01	24	90	93	130	198,700,000	--	5.9	6	8.2
CFR-TARHEEL-24-111120	11/11/20 23:01	24	74	77	110	193,470,000	--	4.7	4.9	7.1
CFR-TARHEEL-20-111220	11/12/20 19:01	20	240	240	310	538,380,000	--	51	51	66
CFR-TARHEEL-111320	11/13/20 14:10	0	6.1	6.1	6.1	--	30,500	5.3	5.3	5.3
CFR-TARHEEL-111820	11/18/20 12:25	0	22	22	31	--	16,200	10	10	14
CFR-TARHEEL-112020	11/20/20 11:06	0	24	24	36	--	13,000	8.8	8.8	13
CFR-TARHEEL-24-112420	11/24/20 23:01	24	31	31	38	975,960,000	--	9.9	10	12
CFR-TARHEEL-24-112620	11/26/20 23:01	24	36	36	45	691,990,000	--	8.2	8.2	10
CFR-TARHEEL-24-113020	11/30/20 23:01	24	94	94	120	541,810,000	--	17	17	20
CFR-TARHEEL-24-120320	12/3/20 23:01	24	46	46	53	1,088,100,000	--	16	17	19
CFR-TARHEEL-24-120720	12/7/20 23:01	24	25	25	40	899,500,000	--	7.4	7.2	12
CFR-TARHEEL-24-121020	12/10/20 23:01	24	29	29	29	756,860,000	--	7.2	7.3	7.3
CFR-TARHEEL-24-121320	12/13/20 23:01	24	43	43	60	427,890,000	--	6	6.1	8.4
CFR-TARHEEL-12-121420	12/14/20 11:59	11	48	48	66	187,550,000	--	6.4	6.5	8.8
CAP1220-TARHEEL-121620	12/15/20 16:11	0	70	74	84	--	6,270	12	13	15
CFR-TARHEEL-121720	12/17/20 12:29	0	13	13	20	--	14,200	5.2	5.2	8
CFR-TARHEEL-122120	12/21/20 13:52	0	18	18	24	--	14,000	7.1	7.1	9.5
CFR-TARHEEL-122320	12/23/20 9:30	0	7.1	7.1	10	--	14,400	2.9	2.9	4.1

TABLE B4
SUMMARY OF TOTAL PFAS MASS DISCHARGE AT TAR HEEL FERRY ROAD BRIDGE - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	Collection Date	Hours Composited[1]	Concentrations (ng/L)			Total Volume (ft^3)[4]	Instantaneous Flow Rate (ft^3/s)[5]	Mass Discharge (mg/s)		
			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)
CFR-TARHEEL-122420	12/24/20 19:20	0	38	38	62	--	11,100	12	12	19
CFR-TARHEEL-122820	12/28/20 15:00	0	5.5	5.5	7.5	--	18,500	2.9	2.9	3.9
CFR-TARHEEL-123020	12/30/20 10:56	0	21	21	34	--	14,500	8.6	8.6	14
CFR-TARHEEL-010621	1/6/21 12:10	0	9.3	9.3	9.3	--	23,100	6.1	6.1	6.1
CFR-TARHEEL-010721	1/7/21 11:00	0	7	7	7	--	20,500	4.1	4.1	4.1
CFR-TARHEEL-011121	1/11/21 10:30	0	24	24	31	--	15,200	10	10	13
CFR-TARHEEL-011421	1/14/21 12:40	0	42	42	51	--	7,480	8.9	8.9	11
CFR-TARHEEL-24-012121	1/21/21 23:01	23	53	53	66	436,160,000	--	7.9	7.9	9.8
CFR-TARHEEL-24-012221	1/22/21 23:01	23	55	55	70	418,100,000	--	7.9	7.9	10
CAP0121-CFR-TARHEEL-012621	1/26/21 15:00	0	91	94	130	--	4,890	13	13	18
CAP0121-CFR-TARHEEL-24-012721	1/27/21 15:10	23	67	67	88	625,480,000	--	14	14	19
CFR-TARHEEL-24-012721	1/27/21 23:01	23	58	58	74	741,570,000	--	15	15	19
CFR-TARHEEL-24-012821	1/28/21 23:01	23	44	44	55	1,081,100,000	--	16	16	20
CFR-TARHEEL-020121	2/1/21 10:05	0	32	32	35	--	15,700	14	14	16
CFR-TARHEEL-020421	2/4/21 16:35	0	19	19	24	--	19,100	10	10	13
CFR-TARHEEL-020821	2/8/21 16:00	0	0	0	0	--	18,400	0	0	0
CFR-TARHEEL-38-021221	2/12/21 14:01	38	62	62	73	1,152,400,000	--	15	15	17
CFR-TARHEEL-021621	2/16/21 12:00	0	22	22	22	--	28,200	18	18	18
CFR-TARHEEL-021921	2/19/21 13:35	0	38	38	46	--	27,600	30	30	36
CFR-TARHEEL-022221	2/22/21 9:35	0	36	36	48	--	21,900	22	22	30
CAP0221-CFR-TARHEEL-022421	2/24/21 15:15	0	26	26	34	--	17,700	13	13	17
CFR-TARHEEL-022521	2/25/21 12:20	0	30	30	36	--	16,800	14	14	17
CFR-TARHEEL-24-030521	3/5/21 23:01	23	22	22	34	1,561,200,000	--	12	12	18
CFR-TARHEEL-24-030621	3/6/21 23:01	23	44	44	54	1,494,800,000	--	22	22	28
CFR-TARHEEL-24-030821	3/8/21 23:01	23	22	22	28	1,392,900,000	--	10	11	14
CFR-TARHEEL-24-031121	3/11/21 23:01	23	49	49	58	936,900,000	--	16	16	19
CFR-TARHEEL-24-031521	3/15/21 23:01	23	45	45	53	740,120,000	--	11	11	13
CFR-TARHEEL-24-031821	3/18/21 23:01	23	34	34	41	1,115,900,000	--	13	13	16
CFR-TARHEEL-24-032421	3/24/21 23:01	23	65	75	120	670,370,000	--	15	17	27
CFR-TARHEEL-24-032521	3/25/21 23:01	23	69	72	79	659,840,000	--	16	16	18
CAP0321-CFR-TARHEEL-032921	3/29/21 12:10	0	14	14	20	--	14,900	5.9	5.9	8.4
CAP0321-CFR-TARHEEL-21-033021	3/30/21 8:50	20	11	11	20	1,136,000,000	--	4.9	4.8	9
CFR-TARHEEL-24-032921	3/29/21 23:01	23	16	16	20	1,243,400,000	--	6.8	6.8	8.5
CFR-TARHEEL-24-033121	3/31/21 23:01	23	15	15	18	1,437,700,000	--	7.4	7.1	8.7
CFR-TARHEEL-24-033121-D	3/31/21 23:01	23	15	15	18	1,437,700,000	--	7.4	7.5	8.9
CFR-TARHEEL-24-040521	4/5/21 23:01	23	190	190	260	389,930,000	--	25	26	35
CFR-TARHEEL-24-040721	4/7/21 23:01	23	86	86	110	365,170,000	--	11	11	13
CFR-TARHEEL-24-041221	4/12/21 23:01	23	72	72	100	485,650,000	--	12	12	17
CFR-TARHEEL-24-041521	4/15/21 23:01	23	67	67	81	403,390,000	--	9.2	9.2	11
CFR-TARHEEL-24-041821	4/18/21 23:01	23	110	110	140	276,010,000	--	10	10	14
CFR-TARHEEL-24-041921	4/19/21 23:01	23	220	220	270	268,130,000	--	20	21	25
CAP0421-CFR-TARHEEL-042021	4/20/21 15:00	0	110	110	140	--	2,880	9	9	11
CAP0421-CFR-TARHEEL-5-042121	4/21/21 14:48	4	160	160	210	33,048,000	--	10	10	14
CAP0421-CFR-TARHEEL-24-042221	4/22/21 13:20	23	140	140	530	171,820,000	--	8.2	8.5	31
CFR-TARHEEL-042721	4/27/21 19:10	0	150	150	200	--	1,940	8.2	8.2	11
CFR-TARHEEL-24-042821	4/28/21 23:01	23	120	130	160	173,290,000	--	7.1	7.5	9.6
CFR-TARHEEL-24-050321	5/3/21 23:01	23	100	110	150	179,070,000	--	6.1	7	9.4
CFR-TARHEEL-24-050621	5/6/21 23:01	0	130	130	170	--	1,780	6.6	6.6	8.6
CFR-TARHEEL-24-051021	5/10/21 23:01	23	81	89	120	278,320,000	--	7.7	8.5	12

TABLE B4
SUMMARY OF TOTAL PFAS MASS DISCHARGE AT TAR HEEL FERRY ROAD BRIDGE - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	Collection Date	Hours Composited[1]	Concentrations (ng/L)			Total Volume (ft^3)[4]	Instantaneous Flow Rate (ft^3/s)[5]	Mass Discharge (mg/s)		
			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)
CFR-TARHEEL-24-051221	5/12/21 23:01	23	89	94	130	196,830,000	--	6	6.3	8.8
CFR-TARHEEL-24-051721	5/17/21 23:01	23	110	110	140	142,230,000	--	5.4	5.4	7
CFR-TARHEEL-24-052021	5/20/21 23:01	23	120	130	170	117,540,000	--	4.8	5.2	6.7
CFR-TARHEEL-24-052421	5/24/21 23:01	23	150	160	190	93,203,000	--	4.8	5	6.2
CAP0521-CFR-TARHEEL-052621	5/26/21 11:25	0	91	95	95	--	1,210	3.1	3.3	3.3
CAP0521-CFR-TARHEEL-24-052721	5/27/21 13:18	23	140	150	190	101,940,000	--	4.9	5.2	6.7
CFR-TARHEEL-24-052721	5/27/21 23:01	23	160	160	200	100,600,000	--	5.5	5.6	6.8
CFR-TARHEEL-24-060221	6/2/21 23:01	23	130	130	170	105,840,000	--	4.7	4.8	6
CFR-TARHEEL-24-060321	6/3/21 23:01	23	290	290	380	136,330,000	--	14	14	18
CFR-TARHEEL-24-060721	6/7/21 23:01	23	81	87	120	271,060,000	--	7.5	8	11
CFR-TARHEEL-24-061221	6/12/21 23:01	23	180	180	230	310,180,000	--	19	19	25
CFR-TARHEEL-24-061521	6/15/21 23:01	23	59	59	65	357,770,000	--	7.2	7.2	8
CAP0621-CFR-TARHEEL-24-061621	6/16/21 14:35	23	55	55	60	379,850,000	--	7.1	7.1	7.8
CFR-TARHEEL-24-061721	6/17/21 23:01	23	57	57	62	324,590,000	--	6.3	6.3	6.9
CFR-TARHEEL-24-062221	6/22/21 23:01	23	77	77	77	228,200,000	--	6	6	6
CFR-TARHEEL-24-062421	6/24/21 23:01	23	79	87	120	225,940,000	--	6.1	6.7	9.4
CFR-TARHEEL-24-070121	7/1/21 11:35	0	82	87	93	--	1,610	3.7	4	4.2
CFR-TARHEEL-24-070221	7/2/21 23:01	24	83	88	96	121,420,000	--	3.4	3.7	4
CFR-TARHEEL-24-070721	7/7/21 23:01	24	72	80	120	136,020,000	--	3.3	3.7	5.3
CFR-TARHEEL-24-070821	7/8/21 23:01	24	110	110	120	175,800,000	--	6.6	6.7	7
CFR-TARHEEL-24-071221	7/12/21 23:01	24	37	37	44	671,650,000	--	8.5	8.5	10
CFR-TARHEEL-24-071221-D	7/12/21 23:01	24	45	45	57	671,650,000	--	10	10	13
CFR-TARHEEL-24-071521	7/15/21 23:01	24	57	57	62	250,420,000	--	4.9	4.9	5.3
CFR-TARHEEL-24-071921	7/19/21 23:01	24	61	65	91	153,240,000	--	3.2	3.4	4.8
CFR-TARHEEL-24-072221	7/22/21 23:01	24	51	51	72	634,790,000	--	11	11	16
CFR-TARHEEL-24-072621	7/26/21 23:01	24	65	65	67	131,680,000	--	2.9	2.9	3
CAP0721-CFR-TARHEEL-072821	7/28/21 8:50	0	46	50	54	--	4,210	5.5	6	6.4
CAP0721-CFR-TARHEEL-24-072821	7/29/21 16:45	24	60	65	79	215,850,000	--	4.4	4.8	5.8
CFR-TARHEEL-24-072921	7/29/21 23:01	24	52	56	69	205,990,000	--	3.7	4	4.9
CFR-TARHEEL-24-080221	8/2/21 23:01	24	100	110	150	112,710,000	--	3.9	4.1	5.6
CFR-TARHEEL-24-080521	8/5/21 23:01	24	120	130	190	104,040,000	--	4.3	4.6	6.6
CFR-TARHEEL-24-081221	8/12/21 23:01	24	93	100	120	120,820,000	--	3.8	4.2	4.8
CFR-TARHEEL-24-081221-DUP	8/12/21 23:01	24	90	99	110	120,820,000	--	3.7	4.1	4.5
CFR-TARHEEL-24-081321	8/13/21 23:01	24	80	90	100	115,000,000	--	3.1	3.5	4.1
CFR-TARHEEL-24-081621	8/16/21 23:01	24	75	78	100	90,288,000	--	2.3	2.4	3.1
CAP0821-CFR-TARHEEL-081921	8/19/21 9:50	0	82	89	110	--	2,140	5	5.4	6.7
CFR-TARHEEL-24-081921	8/19/21 23:01	24	74	82	120	204,780,000	--	5.2	5.7	8.4
CAP0821-CFR-TARHEEL-24-082021	8/20/21 7:30	24	67	67	67	228,090,000	--	5.2	5.2	5.2
CFR-TARHEEL-24-082321	8/23/21 23:01	24	37	40	44	280,790,000	--	3.6	3.9	4.3
CFR-TARHEEL-24-082621	8/26/21 23:01	24	47	50	56	217,440,000	--	3.5	3.7	4.2
CFR-TARHEEL-24-082921	8/29/21 23:01	24	43	46	57	100,580,000	--	1.5	1.6	1.9
CFR-TARHEEL-24-090221	9/2/21 23:01	24	53	57	68	80,171,000	--	1.5	1.5	1.9
CFR-TARHEEL-24-090621	9/6/21 23:01	24	72	78	84	78,452,000	--	1.9	2.1	2.3
CFR-TARHEEL-24-090921	9/9/21 23:01	24	69	76	81	83,971,000	--	2	2.2	2.3
CFR-TARHEEL-24-091321	9/13/21 23:01	24	66	77	97	105,270,000	--	2.4	2.8	3.5
CFR-TARHEEL-24-091321-D	9/13/21 23:01	24	65	76	97	105,270,000	--	2.3	2.7	3.5
CAP0921-CFR-TARHEEL-091521	9/15/21 9:00	0	100	110	140	--	1,060	3	3.3	4.2
CAP0921-CFR-TARHEEL-24-091521	9/15/21 20:36	24	93	100	130	84,564,000	--	2.7	3	3.7
CFR-TARHEEL-24-091621	9/16/21 23:01	24	96	110	140	79,752,000	--	2.6	3	3.7

TABLE B4
SUMMARY OF TOTAL PFAS MASS DISCHARGE AT TAR HEEL FERRY ROAD BRIDGE - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	Collection Date	Hours Composited[1]	Concentrations (ng/L)			Total Volume (ft^3)[4]	Instantaneous Flow Rate (ft^3/s)[5]	Mass Discharge (mg/s)		
			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)
CFR-TARHEEL-24-092021	9/20/21 23:01	24	82	87	100	81,212,000	--	2.3	2.4	2.8
CFR-TARHEEL-24-092121	9/21/21 23:01	24	83	87	97	78,083,000	--	2.2	2.3	2.6
CFR-TARHEEL-24-092721	9/27/21 23:01	24	48	48	62	179,230,000	--	2.9	2.9	3.8
CFR-TARHEEL-24-093021	9/30/21 23:01	24	88	91	110	82,816,000	--	2.5	2.6	3.2
CFR-TARHEEL-24-100421	10/4/21 23:01	24	80	83	93	68,902,000	--	1.9	1.9	2.2
CFR-TARHEEL-24-100721	10/7/21 23:01	24	79	85	110	85,113,000	--	2.3	2.5	3.1
CFR-TARHEEL-24-101121	10/11/21 23:01	24	18	24	35	601,040,000	--	3.7	4.8	7.2
CFR-TARHEEL-24-101121-D	10/11/21 23:01	24	18	23	28	601,040,000	--	3.7	4.8	5.8
CFR-TARHEEL-24-101521	10/15/21 23:01	24	51	51	56	101,950,000	--	1.8	1.8	2
CFR-TARHEEL-24-101821	10/18/21 23:01	24	72	74	82	79,027,000	--	1.9	2	2.2
CAP1021-CFR-TARHEEL-102021	10/20/21 11:50	0	80	86	110	--	927	2.1	2.3	2.9
CAP1021-CFR-TARHEEL-24-102121	10/21/21 15:24	24	87	94	120	74,380,000	--	2.2	2.4	3.1
CFR-TARHEEL-24-102121	10/21/21 23:01	24	87	93	120	73,328,000	--	2.2	2.3	3
CFR-TARHEEL-24-102521	10/25/21 23:01	24	81	88	97	74,909,000	--	2.1	2.3	2.5
CFR-TARHEEL-24-102821	10/28/21 23:01	24	72	78	86	76,447,000	--	1.9	2	2.2
CFR-TARHEEL-24-110121	11/1/21 23:01	24	72	77	89	96,247,000	--	2.4	2.5	2.9
CFR-TARHEEL-24-110421	11/4/21 23:01	24	72	79	90	83,907,000	--	2.1	2.3	2.6
CFR-TARHEEL-24-110821	11/8/21 23:01	24	77	84	110	78,491,000	--	2.1	2.3	2.8
CFR-TARHEEL-24-110821-D	11/8/21 23:01	24	74	81	97	78,491,000	--	2	2.2	2.6
CAP1121-CFR-TARHEEL-111021	11/10/21 10:50	0	79	85	92	--	935	2.1	2.3	2.4
CAP1121-CFR-TARHEEL-24-111121	11/11/21 15:36	24	78	84	92	75,278,000	--	2	2.2	2.4
CFR-TARHEEL-24-111121	11/11/21 23:01	24	79	85	93	78,075,000	--	2.1	2.3	2.5
CFR-TARHEEL-24-111521	11/15/21 23:01	24	68	77	100	88,596,000	--	2.1	2.3	3
FAY-CFR-TARHEEL-A-111521	11/15/21 12:55	0	68	76	90	--	1,070	2.1	2.3	2.7
FAY-CFR-TARHEEL-B-111521	11/15/21 12:55	0	75	87	130	--	1,070	2.3	2.6	3.9
FAY-CFR-TARHEEL-C-111521	11/15/21 12:55	0	60	70	87	--	1,070	1.8	2.1	2.6
FAY-CFR-TARHEEL-D-111521	11/15/21 12:55	0	95	100	140	--	1,070	2.9	3	4.2
CFR-TARHEEL-24-111821	11/18/21 23:01	24	94	100	120	78,460,000	--	2.5	2.7	3.3
CFR-TARHEEL-24-112221	11/22/21 23:01	24	62	68	73	79,029,000	--	1.7	1.8	2
CFR-TARHEEL-24-112521	11/25/21 23:01	24	61	68	80	96,111,000	--	2	2.2	2.6
CFR-TARHEEL-24-112921	11/29/21 23:01	24	56	62	68	85,796,000	--	1.6	1.8	2
CFR-TARHEEL-24-120221	12/2/21 23:01	24	65	65	71	83,052,000	--	1.8	1.8	2
CFR-TARHEEL-24-120621	12/6/21 23:01	24	64	64	71	77,685,000	--	1.7	1.7	1.9
CFR-TARHEEL-24-120921	12/9/21 23:01	24	120	120	130	138,830,000	--	5.7	5.5	6.1
CFR-TARHEEL-24-121321	12/13/21 23:01	24	15	20	20	108,230,000	--	0.56	0.73	0.73
CAP1221-CFR-TARHEEL-121521	12/15/21 10:35	0	32	42	51	--	1,120	1	1.3	1.6
CAP1221-CFR-TARHEEL-24-121621	12/16/21 8:16	24	52	64	73	87,165,000	--	1.6	1.9	2.2
CFR-TARHEEL-24-121621	12/16/21 23:01	24	56	68	68	85,544,000	--	1.6	2	2
CFR-TARHEEL-24-122021	12/20/21 23:01	24	85	94	110	105,170,000	--	3.1	3.4	4.1
CFR-TARHEEL-24-122321	12/23/21 23:01	24	47	58	80	183,910,000	--	3	3.6	5
CFR-TARHEEL-24-122721	12/27/21 23:01	24	70	74	89	99,945,000	--	2.4	2.5	3
CFR-TARHEEL-24-123021	12/30/21 23:01	24	73	76	87	87,740,000	--	2.2	2.3	2.6
CFR-TARHEEL-24-010222	1/2/22 23:01	24	53	56	60	172,310,000	--	3.1	3.3	3.5
CFR-TARHEEL-24-010322	1/3/22 23:01	24	95	99	120	294,060,000	--	9.6	10	12
CFR-TARHEEL-24-011122	1/11/22 23:01	24	20	20	26	437,080,000	--	3	2.9	3.8
CFR-TARHEEL-24-011322	1/13/22 23:01	24	8.4	8.4	13	511,580,000	--	1.5	1.5	2.2
CFR-TARHEEL-24-011922	1/19/22 23:01	24	12	12	17	608,650,000	--	2.5	2.4	3.6
CFR-TARHEEL-24-011922-D	1/19/22 23:01	24	12	12	15	608,650,000	--	2.5	2.6	3
CFR-TARHEEL-15-012022	1/20/22 14:01	15	11	11	14	340,370,000	--	2.1	2.1	2.7

TABLE B4
SUMMARY OF TOTAL PFAS MASS DISCHARGE AT TAR HEEL FERRY ROAD BRIDGE - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	Collection Date	Hours Composited[1]	Concentrations (ng/L)			Total Volume (ft^3)[4]	Instantaneous Flow Rate (ft^3/s)[5]	Mass Discharge (mg/s)		
			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)
CFR-TARHEEL-24-012522	1/25/22 23:01	24	7.9	7.9	7.9	597,640,000	--	1.6	1.6	1.6
CAP1Q22-CFR-TARHEEL-012622	1/26/22 16:40	0	16	16	19	--	6,530	3	3	3.5
CAP1Q22-CFR-TARHEEL-24-012722	1/27/22 11:54	24	16	18	21	517,630,000	--	2.8	3.2	3.8
CFR-TARHEEL-24-012822	1/28/22 23:01	24	28	28	28	376,980,000	--	3.6	3.6	3.6
CFR-TARHEEL-24-013122	1/31/22 23:01	24	40	43	45	209,850,000	--	2.9	3.1	3.3
CFR-TARHEEL-24-020322	2/3/22 23:01	24	57	60	64	186,840,000	--	3.6	3.8	4.1
CFR-TARHEEL-24-020722	2/7/22 23:01	24	30	34	36	342,840,000	--	3.5	4	4.2
CFR-TARHEEL-24-020722-D	2/7/22 23:01	24	30	34	39	342,840,000	--	3.5	4	4.6
CFR-TARHEEL-24-021122	2/11/22 23:01	24	13	13	13	458,340,000	--	2	2	2
CFR-TARHEEL-24-021422	2/14/22 23:01	24	31	35	37	202,870,000	--	2.2	2.4	2.6
CFR-TARHEEL-24-021822	2/18/22 23:01	24	5.6	5.6	5.6	176,450,000	--	0.34	0.34	0.34
CFR-TARHEEL-24-022622	2/26/22 23:01	24	7	7	7	224,670,000	--	0.54	0.54	0.54
CFR-TARHEEL-24-022722	2/27/22 23:01	24	3.8	3.8	3.8	312,160,000	--	0.41	0.41	0.41
CFR-TARHEEL-24-022822	2/28/22 23:01	24	0	0	0	361,320,000	--	0	0	0
CFR-TARHEEL-24-030322	3/3/22 23:01	24	6.8	12	31	377,850,000	--	0.88	1.5	4
CFR-TARHEEL-24-030722	3/7/22 23:01	24	28	34	52	144,960,000	--	1.4	1.7	2.6
CFR-TARHEEL-24-031022	3/10/22 23:01	24	41	48	66	157,940,000	--	2.2	2.6	3.6
CFR-TARHEEL-24-031022-D	3/10/22 23:01	24	43	50	69	157,940,000	--	2.3	2.7	3.7
CFR-TARHEEL-031722	3/17/22 12:30	0	4.7	4.7	4.7	--	11,100	1.5	1.5	1.5
CFR-TARHEEL-031822	3/18/22 9:00	0	0	0	0	--	24,800	0	0	0
CFR-TARHEEL-24-032322	3/23/22 8:10	24	17	17	17	847,430,000	--	4.9	4.9	4.9
CFR-TARHEEL-032422	3/24/22 13:05	0	9.4	9.4	9.4	--	7,680	2	2	2
CFR-TARHEEL-24-032922	3/29/22 23:01	24	8	8	8	662,420,000	--	1.8	1.8	1.8
CFR-TARHEEL-24-033122	3/31/22 23:01	24	9.8	9.8	9.8	419,860,000	--	1.4	1.4	1.4
CFR-TARHEEL-24-040422	4/4/22 23:01	24	5.9	5.9	5.9	561,470,000	--	1.1	1.1	1.1
CFR-TARHEEL-24-040722	4/7/22 23:01	24	18	18	29	564,760,000	--	3.5	3.4	5.6
CFR-TARHEEL-24-041122	4/11/22 23:01	24	32	34	38	273,800,000	--	3	3.2	3.6
CFR-TARHEEL-24-041122-D	4/11/22 23:01	24	31	34	39	273,800,000	--	2.9	3.1	3.6
CFR-TARHEEL-24-041522	4/15/22 23:01	24	12	14	14	166,400,000	--	0.68	0.82	0.82
CAP2Q22-CFR-TARHEEL-041922	4/19/22 17:05	0	27	32	38	--	2,540	1.9	2.3	2.7
CAP2Q22-CFR-TARHEEL-24-042022	4/20/22 16:33	24	35	46	85	837,190,000	--	10	13	24
CFR-TARHEEL-24-042122	4/21/22 23:01	24	0	0	0	1,227,100,000	--	0	0	0
CFR-TARHEEL-24-042222	4/22/22 23:01	24	2.1	2.1	2.1	809,250,000	--	0.58	0.58	0.58
CFR-TARHEEL-24-042522	4/25/22 23:01	24	23	27	27	187,090,000	--	1.5	1.7	1.7
CFR-TARHEEL-24-042822	4/28/22 23:01	24	24	29	32	220,240,000	--	1.8	2.2	2.4
CFR-TARHEEL-24-050222	5/2/22 23:01	24	49	55	59	125,950,000	--	2.1	2.4	2.5
CFR-TARHEEL-24-050522	5/5/22 23:01	24	37	45	51	137,170,000	--	1.7	2.1	2.4
CFR-TARHEEL-24-050922	5/9/22 23:01	24	34	42	49	186,550,000	--	2.2	2.7	3.1
CFR-TARHEEL-24-050922-D	5/9/22 23:01	24	30	37	44	186,550,000	--	1.9	2.4	2.8
CFR-TARHEEL-24-051322	5/13/22 23:01	24	29	32	37	154,790,000	--	1.5	1.7	1.9
CFR-TARHEEL-24-051622	5/16/22 23:01	24	28	32	41	172,700,000	--	1.7	1.9	2.4
CFR-TARHEEL-24-051922	5/19/22 23:01	24	27	33	45	124,930,000	--	1.2	1.4	1.9
CFR-TARHEEL-24-052322	5/23/22 23:01	24	44	48	58	88,380,000	--	1.3	1.4	1.7
CFR-TARHEEL-24-052622	5/26/22 23:01	24	16	22	26	269,670,000	--	1.5	2	2.4
CFR-TARHEEL-24-053022	5/30/22 23:01	24	0	0	0	746,420,000	--	0	0	0
CFR-TARHEEL-24-060222	6/2/22 23:01	24	16	19	19	150,280,000	--	0.82	0.99	0.99
CFR-TARHEEL-24-060622	6/6/22 23:01	24	42	45	52	76,532,000	--	1.1	1.2	1.4
CFR-TARHEEL-24-060622-D	6/6/22 23:01	24	62	66	74	76,532,000	--	1.6	1.7	1.9
CFR-TARHEEL-24-060922	6/9/22 23:01	24	48	51	56	81,526,000	--	1.3	1.4	1.6

TABLE B4
SUMMARY OF TOTAL PFAS MASS DISCHARGE AT TAR HEEL FERRY ROAD BRIDGE - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	Collection Date	Hours Composited[1]	Concentrations (ng/L)			Total Volume (ft^3)[4]	Instantaneous Flow Rate (ft^3/s)[5]	Mass Discharge (mg/s)		
			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)
CFR-TARHEEL-24-061322	6/13/22 23:01	24	41	48	55	102,230,000	--	1.4	1.7	1.9
CFR-TARHEEL-24-061622	6/16/22 23:01	24	43	51	60	82,593,000	--	1.2	1.4	1.7
CFR-TARHEEL-24-062022	6/20/22 23:01	24	47	47	47	78,746,000	--	1.3	1.3	1.3
CFR-TARHEEL-24-062322	6/23/22 23:01	24	41	41	41	70,710,000	--	0.99	0.99	0.99
CFR-TARHEEL-24-062722	6/27/22 23:01	24	50	61	69	64,095,000	--	1.1	1.3	1.5
CFR-TARHEEL-24-063022	6/30/22 23:01	24	52	60	69	80,846,000	--	1.4	1.7	1.9
CFR-TARHEEL-24-070422	7/4/22 23:01	24	0	0	0	91,052,000	--	0	0	0
CFR-TARHEEL-23-070822	7/8/22 23:01	24	15	15	15	160,470,000	--	0.8	0.82	0.82
CFR-TARHEEL-24-070922	7/9/22 23:01	24	38	45	67	266,740,000	--	3.5	4.1	6.1
CFR-TARHEEL-24-071122	7/11/22 23:01	24	27	35	42	284,920,000	--	2.6	3.4	4.0
CFR-TARHEEL-24-071422	7/14/22 23:01	24	47	53	63	121,110,000	--	1.9	2.2	2.6
CFR-TARHEEL-24-071822	7/18/22 23:01	24	47	53	65	187,740,000	--	3.0	3.4	4.1
CFR-TARHEEL-24-071822-D	7/18/22 23:01	24	47	53	74	187,740,000	--	3.0	3.4	4.7
CAP3Q22-CFR-TARHEEL-072022	7/20/22 15:35	0	45	50	58	--	1,530	1.9	2.2	2.5
CAP3Q22-CFR-TARHEEL-24-072122	7/21/22 23:01	24	28	28	28	98,271,000	--	0.94	0.94	0.94
CFR-TARHEEL-24-072122	7/21/22 23:01	24	37	37	37	98,271,000	--	1.2	1.3	1.3
CFR-TARHEEL-24-072522	7/25/22 23:01	24	45	45	52	75,630,000	--	1.2	1.2	1.3
CFR-TARHEEL-24-072822	7/28/22 23:01	24	31	35	35	77,677,000	--	0.82	0.94	0.94
CFR-TARHEEL-24-080122	8/1/22 23:01	24	48	48	53	74,949,000	--	1.2	1.2	1.4
CFR-TARHEEL-24-080422	8/4/22 23:01	24	31	31	31	251,410,000	--	2.7	2.6	2.6
CFR-TARHEEL-24-081022	8/10/22 23:01	24	47	52	62	67,882,000	--	1.1	1.2	1.4
CFR-TARHEEL-24-081022-D	8/10/22 23:01	24	41	41	41	67,882,000	--	0.95	0.95	0.95
CFR-TARHEEL-24-081222	8/12/22 23:01	24	36	36	36	65,345,000	--	0.80	0.80	0.80
CFR-TARHEEL-24-081522	8/15/22 23:01	24	29	38	48	92,313,000	--	0.92	1.2	1.5
CFR-TARHEEL-24-081822	8/18/22 23:01	24	30	30	30	96,372,000	--	0.99	0.98	0.98
CFR-TARHEEL-24-082222	8/22/22 23:01	24	25	36	36	121,310,000	--	1.0	1.5	1.5
CFR-TARHEEL-24-082522	8/25/22 23:01	24	6.8	6.8	6.8	146,070,000	--	0.34	0.34	0.34
CFR-TARHEEL-24-082922	8/29/22 23:01	24	26	26	26	87,507,000	--	0.78	0.77	0.77
CFR-TARHEEL-24-090122	9/1/22 23:01	24	53	64	69	74,268,000	--	1.3	1.6	1.7
CFR-TARHEEL-24-090522	9/5/22 23:01	24	51	59	64	68,400,000	--	1.2	1.4	1.5
CFR-TARHEEL-24-090822	9/8/22 23:01	24	41	53	53	77,748,000	--	1.1	1.4	1.4
CFR-TARHEEL-24-091222	9/12/22 23:01	24	3.0	3.0	3.0	406,040,000	--	0.42	0.42	0.42
CFR-TARHEEL-24-091222-D	9/12/22 23:01	24	5.8	5.8	5.8	406,040,000	--	0.81	0.81	0.81
CFR-TARHEEL-24-091522	9/15/22 23:01	24	25	28	52	115,160,000	--	0.98	1.1	2.0
CFR-TARHEEL-24-091922	9/19/22 23:01	24	59	63	80	80,477,000	--	1.6	1.7	2.2
CFR-TARHEEL-24-092222	9/22/22 23:01	24	18	29	35	63,672,000	--	0.39	0.64	0.76
CFR-TARHEEL-24-092622	9/26/22 23:01	24	31	37	51	61,141,000	--	0.65	0.77	1.1
CFR-TARHEEL-092922	9/29/22 11:15	0	77	84	91	--	677	1.5	1.6	1.7
CFR-TARHEEL-24-100522	10/5/22 23:01	24	21	24	28	228,200,000	--	1.6	1.8	2.2
CFR-TARHEEL-24-100722	10/7/22 23:01	24	35	35	40	113,060,000	--	1.4	1.4	1.6
CFR-TARHEEL-24-101022	10/10/22 23:01	24	62	65	65	78,234,000	--	1.7	1.7	1.7
CFR-TARHEEL-24-101022-D	10/10/22 23:01	24	64	67	74	78,234,000	--	1.7	1.8	2.0
CFR-TARHEEL-24-101322	10/13/22 23:01	24	76	83	100	67,322,000	--	1.7	1.9	2.3
CFR-TARHEEL-24-101722	10/17/22 23:01	24	49	58	73	74,389,000	--	1.2	1.5	1.8
CFR-TARHEEL-24-102022	10/20/22 23:01	24	89	95	110	62,120,000	--	1.9	2.0	2.4
CFR-TARHEEL-24-102422	10/24/22 23:01	24	110	120	140	63,073,000	--	2.4	2.5	2.9
CFR-TARHEEL-24-102722	10/27/22 23:01	24	89	94	100	66,491,000	--	2.0	2.1	2.4
CFR-TARHEEL-24-103122	10/31/22 23:01	24	93	100	120	69,652,000	--	2.2	2.5	3.0
CFR-TARHEEL-24-110322	11/3/22 23:01	24	41	49	53	137,080,000	--	1.9	2.3	2.5

TABLE B4
SUMMARY OF TOTAL PFAS MASS DISCHARGE AT TAR HEEL FERRY ROAD BRIDGE - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	Collection Date	Hours Composited[1]	Concentrations (ng/L)			Total Volume (ft^3)[4]	Instantaneous Flow Rate (ft^3/s)[5]	Mass Discharge (mg/s)		
			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)
CFR-TARHEEL-24-110722	11/7/22 23:01	24	50	57	61	81,470,000	--	1.4	1.6	1.7
CAP4Q22-CFR-TARHEEL-110922	11/9/22 9:00	0	33	71	71	--	954	0.89	1.9	1.9
CAP4Q22-CFR-TARHEEL-24-111022	11/10/22 23:01	24	0	78	84	72,111,000	--	0	1.9	2.1
CFR-TARHEEL-24-111222	11/12/22 23:01	24	54	58	58	141,730,000	--	2.6	2.8	2.8
CFR-TARHEEL-24-111422	11/14/22 23:01	24	14	17	17	163,180,000	--	0.78	0.94	0.94
CFR-TARHEEL-24-111422-D	11/14/22 23:01	24	14	18	18	163,180,000	--	0.78	0.98	0.98
CFR-TARHEEL-24-111722	11/17/22 23:01	24	59	63	70	109,110,000	--	2.2	2.4	2.6
CFR-TARHEEL-24-112122	11/21/22 23:01	24	51	58	73	94,005,000	--	1.6	1.9	2.3
CFR-TARHEEL-24-112422	11/24/22 23:01	24	55	59	59	79,700,000	--	1.5	1.6	1.6
CFR-TARHEEL-24-112822	11/28/22 23:01	24	44	44	44	149,790,000	--	2.3	2.3	2.3
CFR-TARHEEL-24-120122	12/1/22 23:01	24	18	18	18	468,000,000	--	2.9	2.8	2.8
CFR-TARHEEL-24-120522	12/5/22 23:01	24	3.4	12	12	375,250,000	--	0.44	1.5	1.5
CFR-TARHEEL-24-120822	12/8/22 23:01	24	7.8	35	35	148,700,000	--	0.4	1.8	1.8
CFR-TARHEEL-24-121222	12/12/22 23:01	24	14	17	17	238,340,000	--	1.1	1.4	1.4
CFR-TARHEEL-24-121222-D	12/12/22 23:01	24	0	17	17	238,340,000	--	0	1.4	1.4
CFR-TARHEEL-24-121722	12/17/22 23:01	24	8.4	10	10	881,360,000	--	2.5	3.1	3.1
CFR-TARHEEL-24-121922	12/19/22 23:01	24	0	5.1	5.1	656,600,000	--	0	1.1	1.1
CFR-TARHEEL-24-122222	12/22/22 23:01	24	0	9.2	9.2	557,640,000	--	0	1.8	1.8
CFR-TARHEEL-24-122622	12/26/22 23:01	24	4.9	4.9	4.9	616,850,000	--	1.0	1.0	1.0
CFR-TARHEEL-24-122922	12/29/22 23:01	24	23	23	23	415,340,000	--	3.3	3.2	3.2
CFR-TARHEEL-24-010223	1/2/23 23:01	24	33	33	33	213,280,000	--	2.4	2.4	2.4
CFR-TARHEEL-24-010523	1/5/23 23:01	24	22	22	22	383,940,000	--	2.9	2.9	2.9
CFR-TARHEEL-24-010923	1/9/23 23:01	24	4.5	4.5	4.5	412,720,000	--	0.64	0.64	0.64
CFR-TARHEEL-24-010923-D	1/9/23 23:01	24	5.1	5.1	5.1	412,720,000	--	0.72	0.72	0.72
CFR-TARHEEL-24-011223	1/12/23 23:01	24	15	15	15	293,280,000	--	1.5	1.5	1.5
CFR-TARHEEL-011723	1/17/23 13:00	0	11	11	11	--	5,110	1.6	1.6	1.6
CFR-TARHEEL-24-011923	1/19/23 23:01	24	7.3	7.3	7.3	343,810,000	--	0.86	0.86	0.86
CFR-TARHEEL-24-012323	1/23/23 23:01	24	53	53	57	287,080,000	--	5.2	5.2	5.5
CFR-TARHEEL-24-012323 (Reanalyzed)	1/23/23 23:01	24	82	82	93	287,080,000	--	8.1	8.1	9.2
CFR-TARHEEL-24-012623	1/26/23 23:01	24	57	57	72	950,040,000	--	18	18	23
CFR-TARHEEL-24-012623 (Reanalyzed)	1/26/23 23:01	24	28	28	41	950,040,000	--	9.2	9.2	13
CFR-TARHEEL-013123	1/31/23 12:18	0	28	28	34	--	7,910	6.2	6.3	7.6
CFR-TARHEEL-24-020223	2/2/23 23:01	24	15	15	25	553,340,000	--	2.9	2.9	4.8
CFR-TARHEEL-24-020623	2/6/23 23:01	24	14	14	27	769,920,000	--	3.7	3.7	7.2
CFR-TARHEEL-24-020823	2/8/23 23:01	24	17	17	24	332,420,000	--	1.9	1.9	2.7
CFR-TARHEEL-24-021223	2/12/23 23:01	24	25	27	31	270,530,000	--	2.3	2.5	2.9
CAP1Q23-CFR-TARHEEL-021323	2/13/23 15:30	0	14	16	16	--	14,600	5.8	6.6	6.6
CAP1Q23-CFR-TARHEEL-021323-D	2/13/23 15:30	0	17	17	17	--	14,600	7.2	7	7
CFR-TARHEEL-021523	2/15/23 9:22	0	2.6	2.6	2.6	--	16,600	1.2	1.2	1.2
CFR-TARHEEL-24-022023	2/20/23 23:01	24	5.4	5.4	5.4	681,810,000	--	1.3	1.3	1.3
CFR-TARHEEL-24-022023-D	2/20/23 23:01	24	5.4	5.4	13	681,810,000	--	1.3	1.3	2.9
CAP1Q23-CFR-TARHEEL-022223	2/22/23 13:20	0	4.3	4.3	4.3	--	6,390	0.78	0.78	0.78
CFR-TARHEEL-24-022323	2/23/23 23:01	24	6.9	6.9	6.9	339,060,000	--	0.80	0.80	0.80
CFR-TARHEEL-24-022723	2/27/23 23:01	24	17	17	19	242,460,000	--	1.4	1.4	1.6
CFR-TARHEEL-24-030223	3/2/23 23:01	24	17	17	20	220,930,000	--	1.2	1.2	1.5
CFR-TARHEEL-24-030623	3/6/23 23:01	24	4.7	4.7	4.7	514,050,000	--	0.83	0.83	0.83
CFR-TARHEEL-24-030923	3/9/23 23:01	24	41	41	71	239,670,000	--	3.4	3.4	5.8
CFR-TARHEEL-24-031323	3/13/23 23:01	24	23	23	23	210,500,000	--	1.7	1.7	1.7
CFR-TARHEEL-24-031623	3/16/23 23:01	24	6.3	6.3	8.9	319,270,000	--	0.69	0.69	0.97

TABLE B4
SUMMARY OF TOTAL PFAS MASS DISCHARGE AT TAR HEEL FERRY ROAD BRIDGE - HISTORICAL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	Collection Date	Hours Composited[1]	Concentrations (ng/L)			Total Volume (ft^3)[4]	Instantaneous Flow Rate (ft^3/s)[5]	Mass Discharge (mg/s)		
			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)			Total Attachment C[2]	Total Table 3+ (17 compounds)[3]	Total Table 3+ (20 compounds)
CFR-TARHEEL-24-032023	3/20/23 23:01	24	19	19	19	203,850,000	--	1.3	1.3	1.3
CFR-TARHEEL-24-032023-D	3/20/23 23:01	24	15	15	15	203,850,000	--	1.0	1.0	1.0
CFR-TARHEEL-24-032323	3/23/23 23:01	24	6.4	6.4	6.4	257,340,000	--	0.56	0.56	0.56
CFR-TARHEEL-24-032723	3/27/23 23:01	24	22	22	22	197,890,000	--	1.5	1.5	1.5
CFR-TARHEEL-24-033023	3/30/23 23:01	24	4.4	4.4	4.4	661,750,000	--	1.0	1.0	1.0
CFR-TARHEEL-24-040323	4/3/23 23:01	24	6.6	6.6	6.6	223,000,000	--	0.5	0.5	0.5
CFR-TARHEEL-24-040623	4/6/23 23:01	24	7.1	7.1	7.1	201,500,000	--	0.5	0.5	0.5
CFR-TARHEEL-18-040823	4/8/23 17:01	18	14	17	17	307,130,000	--	2.0	2.4	2.4
CFR-TARHEEL-041023	4/10/23 12:45	0	6.8	9.3	9.3	--	25,400	4.9	6.7	6.7
CFR-TARHEEL-041123	4/11/23 16:25	0	7.4	9.7	9.7	--	22,300	4.7	6.1	6.1
CFR-TARHEEL-041323	4/13/23 12:47	0	15	19	19	--	16,700	7.0	9.0	9.0
CFR-TARHEEL-24-041723	4/17/23 23:01	24	0	0	0	1,192,200,000	--	0	0	0
CFR-TARHEEL-24-041723-D	4/17/23 23:01	24	0	0	0	1,192,200,000	--	0	0	0
CFR-TARHEEL-24-042023	4/20/23 23:01	24	2.2	2.2	2.2	763,030,000	--	0.6	0.6	0.6
CFR-TARHEEL-24-042423	4/24/23 23:01	24	3.4	3.4	3.4	600,610,000	--	0.7	0.7	0.7
CFR-TARHEEL-24-042723	4/27/23 23:01	24	6.7	6.7	6.7	323,590,000	--	0.7	0.7	0.7
CFR-TARHEEL-24-050123	5/1/23 23:01	24	5.5	5.5	5.5	661,910,000	--	1.2	1.2	1.2
CFR-TARHEEL-24-050423	5/4/23 23:01	24	4	4	4	851,070,000	--	1.2	1.2	1.2
CFR-TARHEEL-24-050823	5/8/23 23:01	24	5.2	5.2	5.2	391,600,000	--	0.7	0.7	0.7
CFR-TARHEEL-24-050823-D	5/8/23 23:01	24	6.3	6.3	6.3	391,600,000	--	0.8	0.8	0.8
CAP2Q23-CFR-TARHEEL-051123	5/11/23 17:11	0	15	15	15	--	2,160	0.9	0.9	0.9
CFR-TARHEEL-24-051123	5/11/23 23:01	24	13	13	13	178,550,000	--	0.8	0.8	0.8
CAP2Q23-CFR-TARHEEL-24-051223	5/12/23 23:01	24	23	23	23	149,570,000	--	1.2	1.2	1.2
CFR-TARHEEL-24-051523	5/15/23 23:01	24	16	16	16	130,320,000	--	0.7	0.7	0.7
CFR-TARHEEL-24-051823	5/18/23 23:01	24	14	14	14	147,600,000	--	0.7	0.7	0.7
CFR-TARHEEL-24-052223	5/22/23 23:01	24	15	15	15	151,750,000	--	0.8	0.8	0.8
CFR-TARHEEL-24-052523	5/25/23 23:01	24	18	18	18	97,713,000	--	0.6	0.6	0.6
CFR-TARHEEL-24-052923	5/29/23 23:01	24	43	43	45	124,480,000	--	1.8	1.8	1.9
CFR-TARHEEL-24-060223	6/2/23 23:01	24	21	24	28	163,150,000	--	1.1	1.3	1.6
CFR-TARHEEL-060623	6/6/23 13:48	0	25	28	36	--	1,090	0.8	0.9	1.1
CFR-TARHEEL-24-061223	6/12/23 23:01	24	28	28	30	101,570,000	--	1.0	1.0	1.0
CFR-TARHEEL-24-061223-D	6/12/23 23:01	24	23	23	23	101,570,000	--	0.8	0.8	0.8
CFR-TARHEEL-24-060923	6/9/23 23:01	24	31	31	33	81,975,000	--	0.9	0.9	0.9
CFR-TARHEEL-24-061523	6/15/23 23:01	24	26	26	26	74,098,000	--	0.7	0.7	0.7
CFR-TARHEEL-24-061923	6/19/23 23:01	24	26	26	29	69,249,000	--	0.6	0.6	0.7
CFR-TARHEEL-24-062223	6/22/23 23:01	24	44	44	44	175,400,000	--	2.6	2.6	2.6
CFR-TARHEEL-24-062623	6/26/23 23:01	24	6	6	6	519,340,000	--	1.1	1.1	1.1
CFR-TARHEEL-24-062923	6/29/23 23:01	24	8.7	8.7	8.7	761,930,000	--	2.3	2.3	2.3

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, and R-EVE.

4 - Total flow volume is determined based on measurements taken over the sample collection period.

5 - For samples with a duration of zero (0) hours, i.e., grab samples, the instantaneous flow rate was used to calculated the mass discharge.

-- - not applicable

ft^3 - cubic feet

ft^3/s - cubic feet per second

mg/s - milligrams per second

ng/L - nanograms per liter

TABLE B5
FLOW SUMMARY FOR CAPE FEAR RIVER LOCATIONS
Chemours Fayetteville Works, North Carolina

Q2 2023 Quarterly Event	Pathway/ Location	Sample Collection Timepoint	Flow Gauging Location[1]	Travel Time Offset (hr)[2]	Adjusted Flow Gauging Timepoint	Composite Sample 24-Hour Flow Volume (MGD)[3]	Grab Sample Instantaneous Flow Rate (ft^3/s)[4]
May 2023	Upstream River Water and Groundwater	05/11/23 12:00	William O Huske Lock and Dam	--	05/11/23 12:00	--	2,080
	Tarheel (Grab Sample)	05/11/23 17:20	William O Huske Lock and Dam	8	05/11/23 9:00	--	2,080
	Tarheel (Composite Sample)	05/12/23 15:30	William O Huske Lock and Dam	10	05/12/23 6:00	--	1,946
	Bladen Bluff	05/11/23 17:00	William O Huske Lock and Dam	6	05/11/23 11:15	--	2,070
	Kings Bluff	05/16/23 14:05	Cape Fear River Lock and Dam #1	--	05/16/23 14:05	--	1,590

Notes:

1 - Flow rate measured at USGS gauging station #02105500 located at William O Huske Lock & Dam and USGS gauging station # 02105769 located at Lock and Dam #1 near Kelly, North Carolina.

2 - Flow rates measured at William O Huske Lock and Dam were used for mass loading assessments at Tar heel and Bladen Bluff sample locations. Travel times between William O Huske Lock and Dam and the downstream locations were estimated based on the results of a numerical model of the Cape Fear River developed by Geosyntec which developed a regression curve between the USGS reported gage heights at William O Huske Lock and Dam and travel times.

3 - Total flow volume for composite samples is based on measurements taken over 24-hour sample collection period.

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

Acronyms:

ft^3/s - cubic feet per second
hr - hours
MGD - millions of gallons per day

TABLE B6
FLOW DATA FOR W.O'HUSKE LOCK NR TAR HEEL, NC
Chemours Fayetteville Works, North Carolina

Date and Time	Flow Rate (ft^3/sec)	Flow Volume (gal)	Gage Height (ft)	Precipitation (in)[1]
05/11/23 0:00	2,240	15,080,688	2.20	0
05/11/23 0:15	2,240	15,080,688	2.20	0
05/11/23 0:30	2,220	14,946,039	2.19	0
05/11/23 0:45	2,220	14,946,039	2.19	0
05/11/23 1:00	2,220	14,946,039	2.19	0
05/11/23 1:15	2,220	14,946,039	2.19	0
05/11/23 1:30	2,200	14,811,390	2.18	0
05/11/23 1:45	2,200	14,811,390	2.18	0
05/11/23 2:00	2,200	14,811,390	2.18	0
05/11/23 2:15	2,190	14,744,065	2.17	0
05/11/23 2:30	2,190	14,744,066	2.17	0
05/11/23 2:45	2,190	14,744,065	2.17	0
05/11/23 3:00	2,170	14,609,416	2.16	0
05/11/23 3:15	2,170	14,609,417	2.16	0
05/11/23 3:30	2,170	14,609,416	2.16	0
05/11/23 3:45	2,170	14,609,416	2.16	0
05/11/23 4:00	2,150	14,474,768	2.15	0
05/11/23 4:15	2,150	14,474,767	2.15	0
05/11/23 4:30	2,150	14,474,767	2.15	0
05/11/23 4:45	2,150	14,474,768	2.15	0
05/11/23 5:00	2,150	14,474,767	2.15	0
05/11/23 5:15	2,130	14,340,118	2.14	0
05/11/23 5:30	2,130	14,340,119	2.14	0
05/11/23 5:45	2,130	14,340,118	2.14	0
05/11/23 6:00	2,130	14,340,118	2.14	0
05/11/23 6:15	2,120	14,272,794	2.13	0
05/11/23 6:30	2,120	14,272,794	2.13	0
05/11/23 6:45	2,120	14,272,794	2.13	0
05/11/23 7:00	2,120	14,272,794	2.13	0
05/11/23 7:15	2,100	14,138,145	2.12	0
05/11/23 7:30	2,100	14,138,145	2.12	0
05/11/23 7:45	2,100	14,138,145	2.12	0
05/11/23 8:00	2,100	14,138,145	2.12	0
05/11/23 8:15	2,080	14,003,496	2.11	0
05/11/23 8:30	2,100	14,138,145	2.12	0
05/11/23 8:45	2,100	14,138,145	2.12	0
05/11/23 9:00	2,080	14,003,496	2.11	0
05/11/23 9:15	2,100	14,138,145	2.12	0
05/11/23 9:30	2,080	14,003,496	2.11	0
05/11/23 9:45	2,080	14,003,496	2.11	0
05/11/23 10:00	2,080	14,003,496	2.11	0
05/11/23 10:15	2,080	14,003,496	2.11	0
05/11/23 10:30	2,080	14,003,496	2.11	0
05/11/23 10:45	2,080	14,003,496	2.11	0
05/11/23 11:00	2,070	13,936,171	2.10	0
05/11/23 11:15	2,070	13,936,171	2.10	0
05/11/23 11:30	2,080	14,003,496	2.11	0
05/11/23 11:45	2,080	14,003,496	2.11	0
05/11/23 12:00	2,080	14,003,496	2.11	0
05/11/23 12:15	2,070	13,936,172	2.10	0
05/11/23 12:30	2,070	13,936,171	2.10	0
05/11/23 12:45	2,080	14,003,496	2.11	0
05/11/23 13:00	2,070	13,936,172	2.10	0
05/11/23 13:15	2,070	13,936,171	2.10	0

TABLE B6
FLOW DATA FOR W.O'HUSKE LOCK NR TAR HEEL, NC
Chemours Fayetteville Works, North Carolina

Date and Time	Flow Rate (ft^3/sec)	Flow Volume (gal)	Gage Height (ft)	Precipitation (in)[1]
05/11/23 13:30	2,070	13,936,171	2.10	0
05/11/23 13:45	2,070	13,936,172	2.10	0
05/11/23 14:00	2,070	13,936,171	2.10	0
05/11/23 14:15	2,050	13,801,522	2.09	0
05/11/23 14:30	2,070	13,936,172	2.10	0
05/11/23 14:45	2,050	13,801,522	2.09	0
05/11/23 15:00	2,030	13,666,873	2.08	0
05/11/23 15:15	2,030	13,666,874	2.08	0
05/11/23 15:30	2,030	13,666,873	2.08	0
05/11/23 15:45	2,030	13,666,873	2.08	0
05/11/23 16:00	2,030	13,666,874	2.08	0
05/11/23 16:15	2,020	13,599,549	2.07	0
05/11/23 16:30	2,020	13,599,549	2.07	0
05/11/23 16:45	2,020	13,599,549	2.07	0
05/11/23 17:00	2,000	13,464,900	2.06	0
05/11/23 17:15	2,000	13,464,900	2.06	0
05/11/23 17:30	2,000	13,464,900	2.06	0
05/11/23 17:45	1,980	13,330,251	2.05	0
05/11/23 18:00	1,970	13,262,926	2.04	0
05/11/23 18:15	1,970	13,262,927	2.04	0
05/11/23 18:30	1,970	13,262,926	2.04	0
05/11/23 18:45	1,950	13,128,277	2.03	0
05/11/23 19:00	1,930	12,993,629	2.02	0
05/11/23 19:15	1,930	12,993,628	2.02	0
05/11/23 19:30	1,920	12,926,304	2.01	0
05/11/23 19:45	1,900	12,791,655	2.00	0
05/11/23 20:00	1,900	12,791,655	2.00	0
05/11/23 20:15	1,900	12,791,655	2.00	0
05/11/23 20:30	1,900	12,791,655	2.00	0
05/11/23 20:45	1,890	12,724,330	1.99	0
05/11/23 21:00	1,890	12,724,330	1.99	0
05/11/23 21:15	1,890	12,724,331	1.99	0
05/11/23 21:30	1,870	12,589,681	1.98	0
05/11/23 21:45	1,890	12,724,330	1.99	0
05/11/23 22:00	1,870	12,589,682	1.98	0
05/11/23 22:15	1,870	12,589,681	1.98	0
05/11/23 22:30	1,870	12,589,681	1.98	0
05/11/23 22:45	1,870	12,589,682	1.98	0
05/11/23 23:00	1,870	12,589,681	1.98	0
05/11/23 23:15	1,850	12,455,032	1.97	0
05/11/23 23:30	1,850	12,455,033	1.97	0
05/11/23 23:45	1,850	12,455,032	1.97	0
05/12/23 0:00	1,850	12,455,032	1.97	0
05/12/23 0:15	1,840	12,387,708	1.96	0
05/12/23 0:30	1,840	12,387,708	1.96	0
05/12/23 0:45	1,840	12,387,708	1.96	0
05/12/23 1:00	1,840	12,387,708	1.96	0
05/12/23 1:15	1,840	12,387,708	1.96	0
05/12/23 1:30	1,820	12,253,059	1.95	0
05/12/23 1:45	1,820	12,253,059	1.95	0
05/12/23 2:00	1,820	12,253,059	1.95	0
05/12/23 2:15	1,820	12,253,059	1.95	0
05/12/23 2:30	1,820	12,253,059	1.95	0
05/12/23 2:45	1,810	12,185,734	1.94	0

TABLE B6
FLOW DATA FOR W.O'HUSKE LOCK NR TAR HEEL, NC
Chemours Fayetteville Works, North Carolina

Date and Time	Flow Rate (ft^3/sec)	Flow Volume (gal)	Gage Height (ft)	Precipitation (in)[1]
05/12/23 3:00	1,810	12,185,734	1.94	0
05/12/23 3:15	1,810	12,185,735	1.94	0
05/12/23 3:30	1,810	12,185,734	1.94	0
05/12/23 3:45	1,790	12,051,085	1.93	0
05/12/23 4:00	1,790	12,051,086	1.93	0
05/12/23 4:15	1,790	12,051,085	1.93	0
05/12/23 4:30	1,790	12,051,085	1.93	0
05/12/23 4:45	1,790	12,051,086	1.93	0
05/12/23 5:00	1,790	12,051,085	1.93	0
05/12/23 5:15	1,780	11,983,761	1.92	0
05/12/23 5:30	1,790	12,051,086	1.93	0
05/12/23 5:45	1,780	11,983,761	1.92	0
05/12/23 6:00	1,780	11,983,761	1.92	0
05/12/23 6:15	1,780	11,983,761	1.92	0
05/12/23 6:30	1,760	11,849,112	1.91	0
05/12/23 6:45	1,760	11,849,112	1.91	0
05/12/23 7:00	1,760	11,849,112	1.91	0
05/12/23 7:15	1,740	11,714,463	1.90	0
05/12/23 7:30	1,760	11,849,112	1.91	0
05/12/23 7:45	1,760	11,849,112	1.91	0
05/12/23 8:00	1,740	11,714,463	1.90	0
05/12/23 8:15	1,740	11,714,463	1.90	0
05/12/23 8:30	1,740	11,714,463	1.90	0
05/12/23 8:45	1,740	11,714,463	1.90	0
05/12/23 9:00	1,740	11,714,463	1.90	0
05/12/23 9:15	1,740	11,714,463	1.90	0
05/12/23 9:30	1,740	11,714,463	1.90	0
05/12/23 9:45	1,740	11,714,463	1.90	0
05/12/23 10:00	1,730	11,647,139	1.89	0
05/12/23 10:15	1,730	11,647,138	1.89	0
05/12/23 10:30	1,730	11,647,138	1.89	0
05/12/23 10:45	1,730	11,647,139	1.89	0
05/12/23 11:00	1,710	11,512,489	1.88	0
05/12/23 11:15	1,710	11,512,489	1.88	0
05/12/23 11:30	1,710	11,512,490	1.88	0
05/12/23 11:45	1,710	11,512,489	1.88	0
05/12/23 12:00	1,730	11,647,138	1.89	0
05/12/23 12:15	1,730	11,647,139	1.89	0
05/12/23 12:30	1,710	11,512,489	1.88	0
05/12/23 12:45	1,730	11,647,138	1.89	0
05/12/23 13:00	1,730	11,647,139	1.89	0
05/12/23 13:15	1,710	11,512,489	1.88	0
05/12/23 13:30	1,710	11,512,489	1.88	0
05/12/23 13:45	1,730	11,647,139	1.89	0
05/12/23 14:00	1,710	11,512,489	1.88	0
05/12/23 14:15	1,730	11,647,138	1.89	0
05/12/23 14:30	1,710	11,512,490	1.88	0
05/12/23 14:45	1,710	11,512,489	1.88	0
05/12/23 15:00	1,710	11,512,489	1.88	0
05/12/23 15:15	1,710	11,512,490	1.88	0
05/12/23 15:30	1,710	11,512,489	1.88	0
05/12/23 15:45	1,710	11,512,489	1.88	0
05/12/23 16:00	1,710	11,512,490	1.88	0
05/12/23 16:15	1,700	11,445,165	1.87	0

TABLE B6
FLOW DATA FOR W.O'HUSKE LOCK NR TAR HEEL, NC
Chemours Fayetteville Works, North Carolina

Date and Time	Flow Rate (ft^3/sec)	Flow Volume (gal)	Gage Height (ft)	Precipitation (in)[1]
05/12/23 16:30	1,700	11,445,165	1.87	0
05/12/23 16:45	1,700	11,445,165	1.87	0
05/12/23 17:00	1,700	11,445,165	1.87	0
05/12/23 17:15	1,700	11,445,165	1.87	0
05/12/23 17:30	1,700	11,445,165	1.87	0
05/12/23 17:45	1,680	11,310,516	1.86	0
05/12/23 18:00	1,680	11,310,516	1.86	0
05/12/23 18:15	1,680	11,310,516	1.86	0
05/12/23 18:30	1,670	11,243,191	1.85	0
05/12/23 18:45	1,670	11,243,191	1.85	0
05/12/23 19:00	1,670	11,243,192	1.85	0
05/12/23 19:15	1,670	11,243,191	1.85	0
05/12/23 19:30	1,670	11,243,191	1.85	0
05/12/23 19:45	1,650	11,108,543	1.84	0
05/12/23 20:00	1,650	11,108,542	1.84	0
05/12/23 20:15	1,650	11,108,542	1.84	0
05/12/23 20:30	1,650	11,108,543	1.84	0
05/12/23 20:45	1,650	11,108,542	1.84	0
05/12/23 21:00	1,650	11,108,542	1.84	0
05/12/23 21:15	1,650	11,108,543	1.84	0
05/12/23 21:30	1,650	11,108,542	1.84	0
05/12/23 21:45	1,650	11,108,542	1.84	0
05/12/23 22:00	1,650	11,108,543	1.84	0
05/12/23 22:15	1,650	11,108,542	1.84	0
05/12/23 22:30	1,650	11,108,542	1.84	0
05/12/23 22:45	1,640	11,041,218	1.83	0
05/12/23 23:00	1,640	11,041,218	1.83	0
05/12/23 23:15	1,640	11,041,218	1.83	0
05/12/23 23:30	1,650	11,108,543	1.84	0
05/12/23 23:45	1,640	11,041,218	1.83	0
05/13/23 0:00	1,640	11,041,218	1.83	0
05/13/23 0:15	1,640	11,041,218	1.83	0
05/13/23 0:30	1,640	11,041,218	1.83	0
05/13/23 0:45	1,620	10,906,569	1.82	0
05/13/23 1:00	1,640	11,041,218	1.83	0
05/13/23 1:15	1,640	11,041,218	1.83	0
05/13/23 1:30	1,620	10,906,569	1.82	0
05/13/23 1:45	1,640	11,041,218	1.83	0
05/13/23 2:00	1,620	10,906,569	1.82	0
05/13/23 2:15	1,620	10,906,569	1.82	0
05/13/23 2:30	1,620	10,906,569	1.82	0
05/13/23 2:45	1,620	10,906,569	1.82	0
05/13/23 3:00	1,620	10,906,569	1.82	0
05/13/23 3:15	1,620	10,906,569	1.82	0
05/13/23 3:30	1,610	10,839,244	1.81	0
05/13/23 3:45	1,610	10,839,244	1.81	0
05/13/23 4:00	1,610	10,839,245	1.81	0
05/13/23 4:15	1,610	10,839,244	1.81	0
05/13/23 4:30	1,610	10,839,244	1.81	0
05/13/23 4:45	1,610	10,839,245	1.81	0
05/13/23 5:00	1,610	10,839,244	1.81	0
05/13/23 5:15	1,610	10,839,244	1.81	0
05/13/23 5:30	1,610	10,839,245	1.81	0
05/13/23 5:45	1,610	10,839,244	1.81	0

TABLE B6
FLOW DATA FOR W.O'HUSKE LOCK NR TAR HEEL, NC
Chemours Fayetteville Works, North Carolina

Date and Time	Flow Rate (ft^3/sec)	Flow Volume (gal)	Gage Height (ft)	Precipitation (in)[1]
05/13/23 6:00	1,590	10,704,595	1.80	0
05/13/23 6:15	1,590	10,704,596	1.80	0
05/13/23 6:30	1,590	10,704,595	1.80	0
05/13/23 6:45	1,590	10,704,595	1.80	0
05/13/23 7:00	1,610	10,839,245	1.81	0
05/13/23 7:15	1,590	10,704,595	1.80	0
05/13/23 7:30	1,590	10,704,595	1.80	0
05/13/23 7:45	1,590	10,704,596	1.80	0
05/13/23 8:00	1,590	10,704,595	1.80	0
05/13/23 8:15	1,580	10,637,271	1.79	0
05/13/23 8:30	1,580	10,637,271	1.79	0
05/13/23 8:45	1,590	10,704,595	1.80	0
05/13/23 9:00	1,590	10,704,595	1.80	0
05/13/23 9:15	1,580	10,637,271	1.79	0
05/13/23 9:30	1,580	10,637,271	1.79	0
05/13/23 9:45	1,580	10,637,271	1.79	0
05/13/23 10:00	1,580	10,637,271	1.79	0
05/13/23 10:15	1,560	10,502,622	1.78	0
05/13/23 10:30	1,580	10,637,271	1.79	0
05/13/23 10:45	1,580	10,637,271	1.79	0
05/13/23 11:00	1,580	10,637,271	1.79	0
05/13/23 11:15	1,590	10,704,595	1.80	0
05/13/23 11:30	1,580	10,637,271	1.79	0
05/13/23 11:45	1,590	10,704,595	1.80	0
05/13/23 12:00	1,590	10,704,595	1.80	0
05/13/23 12:15	1,590	10,704,596	1.80	0
05/13/23 12:30	1,590	10,704,595	1.80	0
05/13/23 12:45	1,590	10,704,595	1.80	0
05/13/23 13:00	1,590	10,704,596	1.80	0
05/13/23 13:15	1,590	10,704,595	1.80	0
05/13/23 13:30	1,590	10,704,595	1.80	0
05/13/23 13:45	1,590	10,704,596	1.80	0
05/13/23 14:00	1,590	10,704,595	1.80	0
05/13/23 14:15	1,590	10,704,595	1.80	0
05/13/23 14:30	1,580	10,637,271	1.79	0
05/13/23 14:45	1,580	10,637,271	1.79	0
05/13/23 15:00	1,590	10,704,595	1.80	0
05/13/23 15:15	1,580	10,637,271	1.79	0
05/13/23 15:30	1,580	10,637,271	1.79	0
05/13/23 15:45	1,580	10,637,271	1.79	0
05/13/23 16:00	1,580	10,637,271	1.79	0
05/13/23 16:15	1,580	10,637,271	1.79	0
05/13/23 16:30	1,560	10,502,622	1.78	0
05/13/23 16:45	1,580	10,637,271	1.79	0
05/13/23 17:00	1,580	10,637,271	1.79	0
05/13/23 17:15	1,560	10,502,622	1.78	0
05/13/23 17:30	1,560	10,502,622	1.78	0
05/13/23 17:45	1,580	10,637,271	1.79	0
05/13/23 18:00	1,580	10,637,271	1.79	0
05/13/23 18:15	1,580	10,637,271	1.79	0
05/13/23 18:30	1,580	10,637,271	1.79	0
05/13/23 18:45	1,580	10,637,271	1.79	0
05/13/23 19:00	1,580	10,637,271	1.79	0
05/13/23 19:15	1,580	10,637,271	1.79	0

TABLE B6
FLOW DATA FOR W.O'HUSKE LOCK NR TAR HEEL, NC
Chemours Fayetteville Works, North Carolina

Date and Time	Flow Rate (ft^3/sec)	Flow Volume (gal)	Gage Height (ft)	Precipitation (in)[1]
05/13/23 19:30	1,560	10,502,622	1.78	0
05/13/23 19:45	1,580	10,637,271	1.79	0
05/13/23 20:00	1,580	10,637,271	1.79	0
05/13/23 20:15	1,560	10,502,622	1.78	0
05/13/23 20:30	1,580	10,637,271	1.79	0
05/13/23 20:45	1,560	10,502,622	1.78	0
05/13/23 21:00	1,560	10,502,622	1.78	0
05/13/23 21:15	1,560	10,502,622	1.78	0
05/13/23 21:30	1,560	10,502,622	1.78	0
05/13/23 21:45	1,560	10,502,622	1.78	0
05/13/23 22:00	1,550	10,435,298	1.77	0
05/13/23 22:15	1,550	10,435,297	1.77	0
05/13/23 22:30	1,550	10,435,297	1.77	0
05/13/23 22:45	1,550	10,435,298	1.77	0
05/13/23 23:00	1,550	10,435,297	1.77	0
05/13/23 23:15	1,550	10,435,297	1.77	0
05/13/23 23:30	1,550	10,435,298	1.77	0
05/13/23 23:45	1,550	10,435,298	1.77	0

Notes

Measurements are recorded from the USGS flow gauging station at the W.O. Huske Dam, ID 02105500 (USGS, 2021).

1 - The minimum value recorded by a USGS raingage is 0.01 inches. Anything detected below this threshold is recorded as zero inches.

ft^3/sec - cubic feet per second
ft - feet
gal - gallons
in - inches
USGS - United States Geological Survey

TABLE B7
FLOW DATA FOR LOCK #1 NR KELLY, NC
Chemours Fayetteville Works, North Carolina

Date	Time	Discharge (cubic ft/sec)	Seconds	Volume (gal)
5/16/2023	12:00:00 AM	1,530	900	10,300,648
5/16/2023	12:15:00 AM	1,530	900	10,300,649
5/16/2023	12:30:00 AM	1,530	900	10,300,648
5/16/2023	12:45:00 AM	1,520	900	10,233,324
5/16/2023	1:00:00 AM	1,520	900	10,233,324
5/16/2023	1:15:00 AM	1,520	900	10,233,324
5/16/2023	1:30:00 AM	1,520	900	10,233,324
5/16/2023	1:45:00 AM	1,520	900	10,233,324
5/16/2023	2:00:00 AM	1,530	900	10,300,648
5/16/2023	2:15:00 AM	1,520	900	10,233,324
5/16/2023	2:30:00 AM	1,520	900	10,233,324
5/16/2023	2:45:00 AM	1,520	900	10,233,324
5/16/2023	3:00:00 AM	1,520	900	10,233,324
5/16/2023	3:15:00 AM	1,530	900	10,300,649
5/16/2023	3:30:00 AM	1,530	900	10,300,648
5/16/2023	3:45:00 AM	1,530	900	10,300,648
5/16/2023	4:00:00 AM	1,530	900	10,300,649
5/16/2023	4:15:00 AM	1,530	900	10,300,648
5/16/2023	4:30:00 AM	1,530	900	10,300,648
5/16/2023	4:45:00 AM	1,530	900	10,300,649
5/16/2023	5:00:00 AM	1,530	900	10,300,648
5/16/2023	5:15:00 AM	1,530	900	10,300,648
5/16/2023	5:30:00 AM	1,530	900	10,300,649
5/16/2023	5:45:00 AM	1,530	900	10,300,648
5/16/2023	6:00:00 AM	1,550	900	10,435,297
5/16/2023	6:15:00 AM	1,530	900	10,300,649
5/16/2023	6:30:00 AM	1,530	900	10,300,648
5/16/2023	6:45:00 AM	1,530	900	10,300,648
5/16/2023	7:00:00 AM	1,530	900	10,300,649
5/16/2023	7:15:00 AM	1,550	900	10,435,297
5/16/2023	7:30:00 AM	1,550	900	10,435,297
5/16/2023	7:45:00 AM	1,550	900	10,435,298
5/16/2023	8:00:00 AM	1,550	900	10,435,297
5/16/2023	8:15:00 AM	1,550	900	10,435,297
5/16/2023	8:30:00 AM	1,550	900	10,435,298
5/16/2023	8:45:00 AM	1,550	900	10,435,297
5/16/2023	9:00:00 AM	1,550	900	10,435,297
5/16/2023	9:15:00 AM	1,550	900	10,435,298
5/16/2023	9:30:00 AM	1,550	900	10,435,297
5/16/2023	9:45:00 AM	1,530	900	10,300,648
5/16/2023	10:00:00 AM	1,550	900	10,435,298
5/16/2023	10:15:00 AM	1,550	900	10,435,297
5/16/2023	10:30:00 AM	1,560	900	10,502,622
5/16/2023	10:45:00 AM	1,560	900	10,502,622
5/16/2023	11:00:00 AM	1,560	900	10,502,622
5/16/2023	11:15:00 AM	1,550	900	10,435,297
5/16/2023	11:30:00 AM	1,560	900	10,502,622
5/16/2023	11:45:00 AM	1,560	900	10,502,622
5/16/2023	12:00:00 PM	1,590	900	10,704,595
5/16/2023	12:15:00 PM	1,560	900	10,502,622
5/16/2023	12:30:00 PM	1,560	900	10,502,622
5/16/2023	12:45:00 PM	1,560	900	10,502,622
5/16/2023	1:00:00 PM	1,590	900	10,704,596
5/16/2023	1:15:00 PM	1,590	900	10,704,595
5/16/2023	1:30:00 PM	1,560	900	10,502,622
5/16/2023	1:45:00 PM	1,580	900	10,637,271
5/16/2023	2:00:00 PM	1,590	900	10,704,595
5/16/2023	2:15:00 PM	1,560	900	10,502,622
5/16/2023	2:30:00 PM	1,560	900	10,502,622
5/16/2023	2:45:00 PM	1,580	900	10,637,271
5/16/2023	3:00:00 PM	1,580	900	10,637,271

TABLE B7
FLOW DATA FOR LOCK #1 NR KELLY, NC
Chemours Fayetteville Works, North Carolina

Date	Time	Discharge (cubic ft/sec)	Seconds	Volume (gal)
5/16/2023	3:15:00 PM	1,580	900	10,637,271
5/16/2023	3:30:00 PM	1,560	900	10,502,622
5/16/2023	3:45:00 PM	1,560	900	10,502,622
5/16/2023	4:00:00 PM	1,550	900	10,435,298
5/16/2023	4:15:00 PM	1,560	900	10,502,622
5/16/2023	4:30:00 PM	1,560	900	10,502,622
5/16/2023	4:45:00 PM	1,550	900	10,435,298
5/16/2023	5:00:00 PM	1,550	900	10,435,297
5/16/2023	5:15:00 PM	1,530	900	10,300,648
5/16/2023	5:30:00 PM	1,550	900	10,435,298
5/16/2023	5:45:00 PM	1,530	900	10,300,648
5/16/2023	6:00:00 PM	1,550	900	10,435,297
5/16/2023	6:15:00 PM	1,550	900	10,435,298
5/16/2023	6:30:00 PM	1,520	900	10,233,324
5/16/2023	6:45:00 PM	1,520	900	10,233,324
5/16/2023	7:00:00 PM	1,520	900	10,233,324
5/16/2023	7:15:00 PM	1,500	900	10,098,675
5/16/2023	7:30:00 PM	1,500	900	10,098,675
5/16/2023	7:45:00 PM	1,500	900	10,098,675
5/16/2023	8:00:00 PM	1,520	900	10,233,324
5/16/2023	8:15:00 PM	1,520	900	10,233,324
5/16/2023	8:30:00 PM	1,500	900	10,098,675
5/16/2023	8:45:00 PM	1,500	900	10,098,675
5/16/2023	9:00:00 PM	1,500	900	10,098,675
5/16/2023	9:15:00 PM	1,500	900	10,098,675
5/16/2023	9:30:00 PM	1,500	900	10,098,675
5/16/2023	9:45:00 PM	1,500	900	10,098,675
5/16/2023	10:00:00 PM	1,490	900	10,031,351
5/16/2023	10:15:00 PM	1,500	900	10,098,675
5/16/2023	10:30:00 PM	1,500	900	10,098,675
5/16/2023	10:45:00 PM	1,490	900	10,031,351
5/16/2023	11:00:00 PM	1,500	900	10,098,675
5/16/2023	11:15:00 PM	1,490	900	10,031,350
5/16/2023	11:30:00 PM	1,490	900	10,031,351
5/16/2023	11:45:00 PM	1,490	900	10,031,351

Notes

Measurements are recorded from the USGS flow gauging station at Lock #1 near Kelly, ID 02105769 (USGS, 2021).

ft^3/sec - cubic feet per second

ft - feet

gal - gallons

USGS - United States Geological Survey

TABLE B8
Table 3+ PFAS MASS DISCHARGE AT DOWNSTREAM LOCATIONS
Chemours Fayetteville Works, North Carolina

Pathway Number	--	--	--	--
Pathway Name	**Tar Heel Ferry Road Bridge[1,2]**	**Tar Heel Ferry Road Bridge[1]**	**Bladen Bluff[2]**	**Kings Bluff[2]**
Flow (MG)	**--**	**1,340**	**--**	**--**
Instantaneous Flow (ft^3/sec)	**2,080**	**--**	**2,070**	**1,590**
Program	**CAP SW Sampling 2Q23**	**CAP SW Sampling 2Q23**	**CAP SW Sampling 2Q23**	**CAP SW Sampling 2Q23**
Location ID	**CFR-TARHEEL**	**CFR-TARHEEL**	**CFR-BLADEN**	**CFR-KINGS**
Field Sample ID	**CAP2Q23-CFR-TARHEEL-051123**	**CAP2Q23-CFR-TARHEEL-24-051223**	**CAP2Q23-CFR-BLADEN-051123**	**CAP2Q23-CFR-KINGS-051623**
Sample Date and Time[1]	**5/11/2023**	**5/12/2023**	**5/11/2023**	**5/16/2023**
Sample Delivery Group (SDG)	**320-100312-1**	**320-100446-1**	**320-100312-1**	**320-100446-1**
Lab Sample ID	**320-100312-1**	**320-100446-4**	**320-100312-2**	**320-100446-3**
Sample Type	**Grab**	**Composite**	**Grab**	**Grab**
Table 3+ Lab SOP Mass Discharge[3] (mg/s)				
HFPO-DA	**0.24**	**0.31**	**0.22**	**0.15**
PFMOAA	ND	**0.43**	ND	ND
PFO2HxA	**0.23**	**0.24**	**0.21**	**0.21**
PFO3OA	ND	ND	ND	ND
PFO4DA	ND	ND	ND	ND
PFO5DA	ND	ND	ND	ND
PMPA	ND	ND	ND	ND
PEPA	ND	ND	ND	ND
PS Acid	ND	ND	ND	ND
Hydro-PS Acid	ND	ND	ND	ND
R-PSDA	ND	ND	ND	ND
Hydrolyzed PSDA	ND	ND	ND	ND
R-PSDCA	ND	ND	ND	ND
NVHOS, Acid Form	ND	ND	ND	ND
EVE Acid	ND	ND	ND	ND
Hydro-EVE Acid	ND	ND	ND	ND
R-EVE	ND	ND	ND	**0.09**
PES	ND	ND	ND	ND
PFECA B	ND	ND	ND	ND
PFECA-G	ND	ND	ND	ND
Total Attachment C Mass Discharge[4,5]	**0.47**	**1.00**	**0.43**	**0.36**
Total Table 3+ Mass Discharge (17 compounds)[4,6]	**0.47**	**1.00**	**0.43**	**0.36**
Total Table 3+ Mass Discharge (20 Compounds)[4]	**0.47**	**1.00**	**0.43**	**0.45**

Notes:
1 - A paired composite sample was collected at Tar Heel Ferry Road Bridge on May 12, 2023.
2 - Mass discharge values for grab samples collected at Tar Heel Ferry Road Bridge, Bladen Bluff, and Kings Bluff are determined based on instantaneous flow rates.
3 - Mass discharge by analyte is calculated based on Table 3+ concentrations in Table 3, and 24-hour flow volumes reported in Table B5.
4 - Total PFAS mass discharge is based on the summed Total PFAS concentrations reported in Table 3, which are rounded to two significant figures.
5 - Total Attachment C does not include Perfluoroheptanoic acid (PFHpA).
6 - Total Table 3+ (17 compounds) does not include Perfluoroheptanoic acid (PFHpA), R-PSDA, Hydrolyzed PSDA, and R-EVE.
Bold - Analyte detected above associated reporting limit
SOP - Standard Operating Procedure
mg/s - milligrams per second
ND - Analyte not detected above associated reporting limit.

Appendix C

Field Forms

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|KEN STUART|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	04-05-2023	Time:	12:25	General Comments:	Collected CFR-Tarheel-24-033023, CFR-Tarheel-24-040123, CFR-Tarheel-24-040223, CFR-Tarheel-24-040323, CFR-Tarheel-24-040423; no errors

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC	Comments
			Date	Time		mg/L	mV	NTU	µS/cm	°C				
CFR-TARHEEL-24-040423	04-04-2023 23:01		04-05-2023	12:28	8.18	1.41	-5.30	14.30	771.75	27.29	Clear	No	--	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	04-04-2023 00:01	Multi Meter ID:	706720
ISCO End Date and Time:	04-04-2023 23:01		

SAMPLE SET

Parameter	Bottle			Pres.	Method
PFAS	2-250 mL poly			NP	537 Mod Including HFPO-DA
PFAS	250 mL poly			NP	Table 3+ (19)(LL)
PFAS	250 mL poly			NP	Table 3+ (20)(LL)
PFAS	250 mL poly			NP	Table 3+ (19)(HL)
PFAS	250 mL poly			NP	Table 3+ (21)(LL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	Table 3+ (21)(HL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	537 MOD (HOLD)

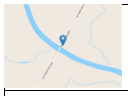
ALL PARAMETERS ANALYZED

Table 3+ (21)(HL) Including HFPO-DA and PFHpA

WEATHER CONDITIONS

Temperature (F):	82.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	10

Latitude:	34.7449970454314
Longitude:	-78.7850712512884
Staff Gauge Water Level Reading (ft):	1.7
Temperature Reading (degrees C):	37
Rain Reading (mm)	3



GPS Location (if collected)

Isco Setup

Staff gauge

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|KELLY HAYES|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	04-07-2023	Time:	10:08	General Comments:	Collected CFR-Tarheel-24-040523, CFR-Tarheel-24-040623; no errors

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC	Comments
			Date	Time		mg/L	mV	NTU	µS/cm	°C				
CFR-TARHEEL-24-040623	04-06-2023 23:01		04-07-2023	10:18	8.12	7.83	126.63	16.40	244.19	24.04	Clear	No	--	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	04-06-2023 00:01	Multi Meter ID:	766679
ISCO End Date and Time:	04-06-2023 23:01		

SAMPLE SET

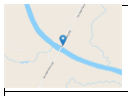
Parameter	Bottle			Pres.	Method
PFAS	2-250 mL poly			NP	537 Mod Including HFPO-DA
PFAS	250 mL poly			NP	Table 3+ (19)(LL)
PFAS	250 mL poly			NP	Table 3+ (20)(LL)
PFAS	250 mL poly			NP	Table 3+ (19)(HL)
PFAS	250 mL poly			NP	Table 3+ (21)(LL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	Table 3+ (21)(HL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	537 MOD (HOLD)

ALL PARAMETERS ANALYZED

Table 3+ (21)(LL) Including HFPO-DA and PFHpA

WEATHER CONDITIONS	
Temperature (F):	73.00
Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	3

Latitude:	34.7449668112097
Longitude:	-78.7851931246203
Staff Gauge Water Level Reading (ft):	1.2
Temperature Reading (degrees C):	27
Rain Reading (mm)	0



GPS Location (if collected)

Tarheel and DEQ setup

Staff gauge

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	SCOTT SKRZYDLINSKI|TAYLOR CRITTENDEN|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	04-08-2023	Time:	18:45	General Comments:	ISCO evacuated in response to rising river meeting action level; partial sample retrieved

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC	Comments
			Date	Time		mg/L	mV	NTU	µS/cm	°C				
CFR-TARHEEL-18-040823	04-08-2023 17:01		04-08-2023	--	--	--	--	--	--	--	--	--	--	unable to retrieve parameters at the time of retrieval

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	--
ISCO Start Date and Time:	04-08-2023 00:01	Multi Meter ID:	--
ISCO End Date and Time:	04-08-2023 17:01		

SAMPLE SET

Parameter	Bottle			Pres.	Method
PFAS	2-250 mL poly			NP	537 Mod Including HFPO-DA
PFAS	250 mL poly			NP	Table 3+ (19)(LL)
PFAS	250 mL poly			NP	Table 3+ (20)(LL)
PFAS	250 mL poly			NP	Table 3+ (19)(HL)
PFAS	250 mL poly			NP	Table 3+ (21)(LL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	Table 3+ (21)(HL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	537 MOD (HOLD)

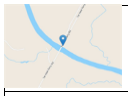
ALL PARAMETERS ANALYZED

Table 3+ (21)(LL) Including HFPO-DA and PFHpA

WEATHER CONDITIONS

Temperature (F):	43.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	10

Latitude:	34.7449513460267
Longitude:	-78.7851910879902
Staff Gauge Water Level Reading (ft):	7.5
Temperature Reading (degrees C):	--
Rain Reading (mm)	--



GPS Location (if collected)

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	CHARLES PACE|BEN KRAUSE|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	04-10-2023	Time:	12:45	General Comments:	Grab sample via bailer due to ISCO removed after river flooding to action level

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC	Comments
			Date	Time		mg/L	mV	NTU	µS/cm	°C				
CFR-TARHEEL-041023	04-10-2023 13:05		04-10-2023	13:10	7.96	5.98	-9.90	120.98	705.95	17.88	Cloudy	No	--	High river sample

Sampling Data

Sampling Method:	Bailer	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:		Multi Meter ID:	706720
ISCO End Date and Time:			

SAMPLE SET

Parameter	Bottle			Pres.	Method
PFAS	2-250 mL poly			NP	537 Mod Including HFPO-DA
PFAS	250 mL poly			NP	Table 3+ (19)(LL)
PFAS	250 mL poly			NP	Table 3+ (20)(LL)
PFAS	250 mL poly			NP	Table 3+ (19)(HL)
PFAS	250 mL poly			NP	Table 3+ (21)(LL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	Table 3+ (21)(HL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	537 MOD (HOLD)

ALL PARAMETERS ANALYZED

Table 3+ (21)(LL) Including HFPO-DA and PFHpA

WEATHER CONDITIONS	
Temperature (F):	60.00
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)

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	CHARLES PACE|SCOTT SKRZYDLINSKI|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	04-11-2023	Time:	16:25	General Comments:	Grab sample via bailer due to ISCO removed after river flooding to action level

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC	Comments
			Date	Time		mg/L	mV	NTU	µS/cm	°C				
CFR-TARHEEL-041123	04-11-2023 16:30		04-11-2023	16:35	6.14	8.76	128.40	81.76	79.64	17.85	cloudy	no odor	--	--

Sampling Data

Sampling Method:	Bailer	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:		Multi Meter ID:	766679
ISCO End Date and Time:			

SAMPLE SET

Parameter	Bottle			Pres.	Method
PFAS	2-250 mL poly			NP	537 Mod Including HFPO-DA
PFAS	250 mL poly			NP	Table 3+ (19)(LL)
PFAS	250 mL poly			NP	Table 3+ (20)(LL)
PFAS	250 mL poly			NP	Table 3+ (19)(HL)
PFAS	250 mL poly			NP	Table 3+ (21)(LL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	Table 3+ (21)(HL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	537 MOD (HOLD)

ALL PARAMETERS ANALYZED

Table 3+ (21)(LL) Including HFPO-DA and PFHpA

WEATHER CONDITIONS	
Temperature (F):	70.00
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)

Picture from sample location

Pictures of ISCO house

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|CHARLES PACE|DEBORAH AYERS|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	04-12-2023	Time:	15:42	General Comments:	Unable to read staff gauge because it's underwater and ISCO shed is still partially underwater

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC	Comments
			Date	Time		mg/L	mV	NTU	µS/cm	°C				
CFR-TARHEEL-041223	04-12-2023 15:42		04-12-2023	15:52	6.78	7.59	189.40	65.11	299.20	19.47	Cloudy	No	--	--

Sampling Data

Sampling Method:	Bailer	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:		Multi Meter ID:	706720
ISCO End Date and Time:			

SAMPLE SET

Parameter	Bottle			Pres.	Method
PFAS	2-250 mL poly			NP	537 Mod Including HFPO-DA
PFAS	250 mL poly			NP	Table 3+ (19)(LL)
PFAS	250 mL poly			NP	Table 3+ (20)(LL)
PFAS	250 mL poly			NP	Table 3+ (19)(HL)
PFAS	250 mL poly			NP	Table 3+ (21)(LL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	Table 3+ (21)(HL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	537 MOD (HOLD)

ALL PARAMETERS ANALYZED

Table 3+ (21)(LL) Including HFPO-DA and PFHpA

WEATHER CONDITIONS	
Temperature (F):	80.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	5

Latitude:	34.744991040821
Longitude:	-78.7852567993838
Staff Gauge Water Level Reading (ft):	--
Temperature Reading (degrees C):	--
Rain Reading (mm)	--

GPS Location (if collected)

Grab location

Tarheel ISCO shed

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|DEBORAH AYERS|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	04-13-2023	Time:	12:47	General Comments:	Sample collected via bailer due to river being flooded

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC	Comments
			Date	Time		mg/L	mV	NTU	µS/cm	°C				
CFR-TARHEEL-041323	04-13-2023 12:49		04-13-2023	12:58	7.89	11.59	-4.20	217.00	253.72	19.60	Cloudy	No	--	--

Sampling Data

Sampling Method:	Bailer	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:		Multi Meter ID:	766679
ISCO End Date and Time:			

SAMPLE SET

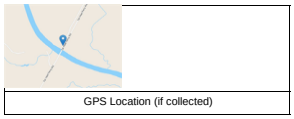
Parameter	Bottle			Pres.	Method
PFAS	2-250 mL poly			NP	537 Mod Including HFPO-DA
PFAS	250 mL poly			NP	Table 3+ (19)(LL)
PFAS	250 mL poly			NP	Table 3+ (20)(LL)
PFAS	250 mL poly			NP	Table 3+ (19)(HL)
PFAS	250 mL poly			NP	Table 3+ (21)(LL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	Table 3+ (21)(HL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	537 MOD (HOLD)

ALL PARAMETERS ANALYZED

Table 3+ (21)(LL) Including HFPO-DA and PFHpA

WEATHER CONDITIONS	
Temperature (F):	76.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	8

Latitude:	34.7453605511558
Longitude:	-78.7852386154299
Staff Gauge Water Level Reading (ft):	
Temperature Reading (degrees C):	
Rain Reading (mm)	



GPS Location (if collected)

River conditions

Location of bailer grab

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|DEBORAH AYERS|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	04-14-2023	Time:	10:22	General Comments:	Set up Tarheel ISCO and DEQ ISCO (for Mon)

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC	Comments
			Date	Time		mg/L	mV	NTU	µS/cm	°C				
CFR-TARHEEL-041423	04-14-2023 10:29		04-14-2023	10:33	8.29	8.14	2.80	92.00	179.45	18.12	Cloudy	No	--	--

Sampling Data

Sampling Method:	ISCO grab	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:		Multi Meter ID:	706720
ISCO End Date and Time:			

SAMPLE SET

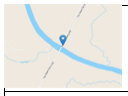
Parameter	Bottle			Pres.	Method
PFAS	2-250 mL poly			NP	537 Mod Including HFPO-DA
PFAS	250 mL poly			NP	Table 3+ (19)(LL)
PFAS	250 mL poly			NP	Table 3+ (20)(LL)
PFAS	250 mL poly			NP	Table 3+ (19)(HL)
PFAS	250 mL poly			NP	Table 3+ (21)(LL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	Table 3+ (21)(HL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	537 MOD (HOLD)

ALL PARAMETERS ANALYZED

Table 3+ (21)(LL) Including HFPO-DA and PFHpA

WEATHER CONDITIONS	
Temperature (F):	65.00
Sky:	Partly Sunny
Precipitation:	Rain
Wind (mph)	0

Latitude:	34.7449430125159
Longitude:	-78.7852099445451
Staff Gauge Water Level Reading (ft):	14.7
Temperature Reading (degrees C):	25.75
Rain Reading (mm)	4



GPS Location (if collected)

Staff gauge

River conditions

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|DEBORAH AYERS|	Sampling Event:	Weekly River	Event Type:	Maintenance
Date:	04-17-2023	Time:	09:38	General Comments:	Check on ISCOs

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC	Comments
			Date	Time		mg/L	mV	NTU	µS/cm	°C				
--	--		--	--	--	--	--	--	--	--	--	--	--	--

Sampling Data

Sampling Method: --

ISCO Start Date and Time: --

ISCO End Date and Time: --

Multi Meter Used: --

Multi Meter ID: --

SAMPLE SET

Parameter	Bottle			Pres.	Method
PFAS	2-250 mL poly			NP	537 Mod Including HFPO-DA
PFAS	250 mL poly			NP	Table 3+ (19)(LL)
PFAS	250 mL poly			NP	Table 3+ (20)(LL)
PFAS	250 mL poly			NP	Table 3+ (19)(HL)
PFAS	250 mL poly			NP	Table 3+ (21)(LL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	Table 3+ (21)(HL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	537 MOD (HOLD)

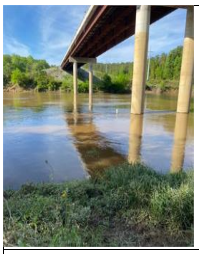
ALL PARAMETERS ANALYZED

WEATHER CONDITIONS

Temperature (F):	60.00
Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	10

Latitude:	34.7448911241158
Longitude:	-78.7851589539589
Staff Gauge Water Level Reading (ft):	13.9
Temperature Reading (degrees C):	28
Rain Reading (mm)	1

GPS Location (if collected)



Staff gauge

Tarheel ISCO and DEQ split ISCO

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|DEBORAH AYERS|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	04-18-2023	Time:	09:25	General Comments:	Collected CFR-Tarheel-24-041523, CFR-Tarheel-24-041623, CFR-Tarheel-24-041723, and DEQ sample 2L jug; no errors

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC	Comments
			Date	Time		mg/L	mV	NTU	µS/cm	°C				
CFR-TARHEEL-24-041723	04-17-2023 23:01		04-18-2023	9:45	9.23	9.28	4.20	139.00	188.74	19.28	Cloudy	No	DUP|MS|MSD	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	04-17-2023 00:01	Multi Meter ID:	766679
ISCO End Date and Time:	04-17-2023 23:01		

SAMPLE SET

Parameter	Bottle			Pres.	Method
PFAS	2-250 mL poly			NP	537 Mod Including HFPO-DA
PFAS	250 mL poly			NP	Table 3+ (19)(LL)
PFAS	250 mL poly			NP	Table 3+ (20)(LL)
PFAS	250 mL poly			NP	Table 3+ (19)(HL)
PFAS	250 mL poly			NP	Table 3+ (21)(LL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	Table 3+ (21)(HL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	537 MOD (HOLD)

ALL PARAMETERS ANALYZED

Table 3+ (21)(LL) Including HFPO-DA and PFHpA

WEATHER CONDITIONS	
Temperature (F):	61.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	5

Latitude:	34.7448343834794
Longitude:	-78.7850001994223
Staff Gauge Water Level Reading (ft):	12.5
Temperature Reading (degrees C):	26
Rain Reading (mm)	0

GPS Location (if collected)

Staff gauge

Tarheel ISCO

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|DEBORAH AYERS|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	04-21-2023	Time:	13:30	General Comments:	Collected CFR-TARHEEL-24-041823, CFR-TARHEEL-24-041923, CFR-TARHEEL-24-042023. No errors

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC	Comments
			Date	Time		mg/L	mV	NTU	µS/cm	°C				
CFR-TARHEEL-24-042023	04-20-2023 23:01		04-21-2023	13:34	8.56	8.52	8.30	50.80	199.08	23.99	Clear	No	--	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	04-20-2023 00:01	Multi Meter ID:	766679
ISCO End Date and Time:	04-20-2023 23:01		

SAMPLE SET

Parameter	Bottle			Pres.	Method
PFAS	2-250 mL poly			NP	537 Mod Including HFPO-DA
PFAS	250 mL poly			NP	Table 3+ (19)(LL)
PFAS	250 mL poly			NP	Table 3+ (20)(LL)
PFAS	250 mL poly			NP	Table 3+ (19)(HL)
PFAS	250 mL poly			NP	Table 3+ (21)(LL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	Table 3+ (21)(HL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	537 MOD (HOLD)

ALL PARAMETERS ANALYZED

Table 3+ (21)(LL) Including HFPO-DA and PFHpA

WEATHER CONDITIONS

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

Latitude:	34.74498443455
Longitude:	-78.7851253415023
Staff Gauge Water Level Reading (ft):	6
Temperature Reading (degrees C):	32
Rain Reading (mm)	0

GPS Location (if collected)

Staff gauge

Tarheel ISCO

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|DEBORAH AYERS|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	04-25-2023	Time:	07:36	General Comments:	Collected CFR-TARHEEL-24-042123, CFR-TARHEEL-24-042223, CFR-TARHEEL-24-042323, CFR-TARHEEL-24-042423; no errors

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC	Comments
			Date	Time		mg/L	mV	NTU	µS/cm	°C				
CFR-TARHEEL-24-042423	04-24-2023 23:01		04-25-2023	07:40	7.83	8.33	-1.90	72.80	223.73	14.22	Cloudy	No	--	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	04-24-2023 00:01	Multi Meter ID:	706720
ISCO End Date and Time:	04-24-2023 23:01		

SAMPLE SET

Parameter	Bottle			Pres.	Method
PFAS	2-250 mL poly			NP	537 Mod Including HFPO-DA
PFAS	250 mL poly			NP	Table 3+ (19)(LL)
PFAS	250 mL poly			NP	Table 3+ (20)(LL)
PFAS	250 mL poly			NP	Table 3+ (19)(HL)
PFAS	250 mL poly			NP	Table 3+ (21)(LL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	Table 3+ (21)(HL) Including HPFO-DA and PFHpA
PFAS	250 mL poly			NP	537 MOD (HOLD)

ALL PARAMETERS ANALYZED

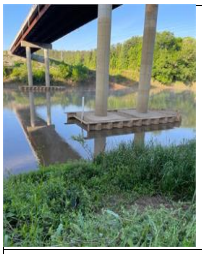
Table 3+ (21)(LL) Including HFPO-DA and PFHpA

WEATHER CONDITIONS	
Temperature (F):	46.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	0

Latitude:	34.7448987349121
Longitude:	-78.7851598687595
Staff Gauge Water Level Reading (ft):	5.6
Temperature Reading (degrees C):	6
Rain Reading (mm)	20

GPS Location (if collected)

ISCO setup



Staff gauge

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	SAIRA BOHAM|DEBORAH AYERS|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	04-28-2023	Time:	10:01		

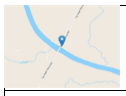
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-042723	04-27-2023 23:01		04-28-2023	10:13	8.02	4.97	14.30	31.10	444.00	21.04	Clear	No	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	04-27-2023 00:01	Multi Meter ID:	766679
ISCO End Date and Time:	04-27-2023 23:01		

WEATHER CONDITIONS	
Temperature (F):	68.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	7

Latitude:	34.7449455093124
Longitude:	-78.785132832959
Staff Gauge Water Level Reading (ft):	2.99
Temperature Reading (degrees C):	22
Rain Reading (mm)	38



GPS Location (if collected)

General Comment:	Collected CFR-Tarheel-24-042523, CFR-Tarheel-24-042623, and CFR-Tarheel-24-042723
Sampling Comments:	

ISCO setup

Staff gauge

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|DEBORAH AYERS|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	05-02-2023	Time:	12:27		

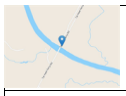
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-050123	05-01-2023	2301	05-02-2023	12:32	7.85	7.63	9.20	118.00	259.81	22.15	Cloudy	No	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	04-28-2023 00:01	Multi Meter ID:	766679
ISCO End Date and Time:	04-28-2023 23:01		

WEATHER CONDITIONS	
Temperature (F):	68.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	15

Latitude:	34.7449522133286
Longitude:	-78.7851435882271
Staff Gauge Water Level Reading (ft):	11.75
Temperature Reading (degrees C):	28
Rain Reading (mm)	7



GPS Location (if collected)

General Comment:	Collected CFR-TARHEEL-24-042823, CFR-TARHEEL-24-042923, CFR-TARHEEL-24-043023, CFR-TARHEEL-24-050123; no errors. Will ship 4/27/2023 and 5/1/2023 sample
Sampling Comments:	

Staff gauge

TARHEEL ISCOS

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|SAIRA BOHAM|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	05-05-2023	Time:	09:02		

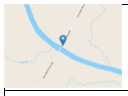
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-050423	05-04-2023 23:01		05-05-2023	09:12	7.52	9.31	50.00	90.30	254.48	17.39	Clear	No	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	05-04-2023 00:01	Multi Meter ID:	766679
ISCO End Date and Time:	05-04-2023 23:01		

WEATHER CONDITIONS	
Temperature (F):	58.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	0

Latitude:	34.7449601115982
Longitude:	-78.7851371058065
Staff Gauge Water Level Reading (ft):	8
Temperature Reading (degrees C):	11.5
Rain Reading (mm)	0



GPS Location (if collected)

General Comment:	Collected CFR-Tarheel-24-050223, CFR-Tarheel-24-050323, CFR-Tarheel-24-050423; no errors; set up DEQ ISCO
Sampling Comments:	

Rain gauge

DEQ setup

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	SAIRA BOHAM|TAYLOR CRITTENDEN|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	5/9/2023	Time:	9:22		

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-050823	05-08-2023 23:01		5/9/2023	09:25	8.12	9.35	29.10	33.20	592.74	24.73	Clear	No	DUP|MS|MSD

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	05-08-2023 00:01	Multi Meter ID:	766679
ISCO End Date and Time:	05-08-2023 23:01		

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

Latitude:	34.7449522133286
Longitude:	-78.7851425882271
Staff Gauge Water Level Reading (ft):	4
Temperature Reading (degrees C):	24
Rain Reading (mm)	0

GPS Location (if collected)

General Comment:	Collected CFR-Tarheel-24-050523, CFR-Tarheel-24-050623, CFR-Tarheel-24-050723, CFR-Tarheel-24-050823 (with DEQ Split); no errors
Sampling Comments:	

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|TAYLOR CRITTENDEN|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	05-12-2023	Time:	15:08		

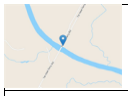
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-051123	05-11-2023 23:01		05-12-2023	15:10	7.73	7.64	44.00	17.80	326.62	27.29	Clear	None	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	05-11-2023 00:01	Multi Meter ID:	766679
ISCO End Date and Time:	05-11-2023 23:01		

WEATHER CONDITIONS	
Temperature (F):	84.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	9

Latitude:	34.7449355933599
Longitude:	-78.785211683209
Staff Gauge Water Level Reading (ft):	2
Temperature Reading (degrees C):	84
Rain Reading (mm)	--



GPS Location (if collected)

General Comment:	Collected CFR-Tarheel-24-050923, CFR-Tarheel-24-051023, CFR-Tarheel-24-051123; no errors
Sampling Comments:	

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|KEN STUART|SAIRA BOHAM|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	05-16-2023	Time:	15:50		

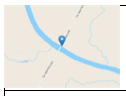
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-051523	05-15-2023 23:01		05-16-2023	15:54	7.46	6.73	55.10	12.80	154.68	26.17	Clear	No	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	05-15-2023 00:01	Multi Meter ID:	706720
ISCO End Date and Time:	05-15-2023 23:01		

WEATHER CONDITIONS	
Temperature (F):	87.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	10

Latitude:	34.7448358978828
Longitude:	-78.7852328978199
Staff Gauge Water Level Reading (ft):	1.15
Temperature Reading (degrees C):	31
Rain Reading (mm)	0



GPS Location (if collected)

General Comment:	No errors, collected CFR-TARHEEL-24-051223, CFR-TARHEEL-24-051323, CFR-TARHEEL-24-051423, CFR-TARHEEL-24-051523
Sampling Comments:	

Staff gauge

Tarheel Isco set up

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|KEN STUART|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	05-19-2023	Time:	09:28		

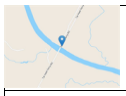
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-051823	05-18-2023 23:01		05-19-2023	09:30	8.09	6.68	126.40	11.80	303.83	20.21	Clear	No	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	05-18-2023 00:01	Multi Meter ID:	706720
ISCO End Date and Time:	05-18-2023 23:01		

WEATHER CONDITIONS	
Temperature (F):	63.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	7

Latitude:	34.7449534479853
Longitude:	-78.7851816137124
Staff Gauge Water Level Reading (ft):	2
Temperature Reading (degrees C):	18
Rain Reading (mm)	4



GPS Location (if collected)

General Comment:	Collected CFR-TARHEEL-24-051623, CFR-TARHEEL-24-051723, CFR-TARHEEL-24-051823; no errors
Sampling Comments:	

Staff gauge

ISCO setup

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|KEN STUART|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	05-23-2023	Time:	12:02		

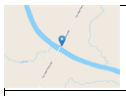
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-052223	05-22-2023 23:01		05-23-2023	12:08	7.95	5.81	24.70	13.80	232.78	26.99	Clear	No	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	05-22-2023 00:01	Multi Meter ID:	766679
ISCO End Date and Time:	05-22-2023 23:01		

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

Latitude:	34.7448684135777
Longitude:	-78.7851539534319
Staff Gauge Water Level Reading (ft):	1.5
Temperature Reading (degrees C):	33
Rain Reading (mm)	0



GPS Location (if collected)

General Comment:	Collected CFR-TARHEEL-24-051923, CFR-TARHEEL-24-052023, CFR-TARHEEL-24-052123, and CFR-TARHEEL-24-052223; no errors
Sampling Comments:	

Staff gauge

ISCO setup

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	ERIN JANIGA|SAIRA BOHAM|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	05-26-2023	Time:	08:48		

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-052523	05-25-2023 23:01		05-26-2023	08:56	7.89	5.96	28.90	12.10	304.27	19.94	Clear	No	--

Sampling Data

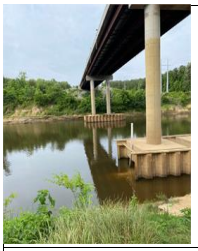
Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	05-25-2023 00:01	Multi Meter ID:	766679
ISCO End Date and Time:	05-25-2023 23:01		

WEATHER CONDITIONS	
Temperature (F):	61.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	14

Latitude:	34.7448929807227
Longitude:	-78.785127948879
Staff Gauge Water Level Reading (ft):	1.3
Temperature Reading (degrees C):	18
Rain Reading (mm)	0

GPS Location (if collected)

General Comment:	Collected CFR-TARHEEL-24-052323, CFR-TARHEEL-24-052423, CFR-TARHEEL-24-052523; no errors
Sampling Comments:	



Staff Gauge

ISCO setup

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	KEN STUART|SAIRA BOHAM|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	05-30-2023	Time:	09:24		

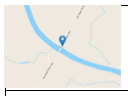
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-052923	05-29-2023 23:01		05-30-2023	09:29	7.83	7.48	0.90	22.80	372.97	21.58	Clear	No	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	05-29-2023 00:01	Multi Meter ID:	706720
ISCO End Date and Time:	05-29-2023 23:01		

WEATHER CONDITIONS	
Temperature (F):	69.00
Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	7

Latitude:	34.7449975574866
Longitude:	-78.7851823384202
Staff Gauge Water Level Reading (ft):	2
Temperature Reading (degrees C):	22
Rain Reading (mm)	60



GPS Location (if collected)

General Comment:	Collected CFR-TARHEEL-24-052623, CFR-TARHEEL-24-052723, CFR-TARHEEL-24-052823, and CFR-TARHEEL-24-052923; no errors
Sampling Comments:	

ISCO setup

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|DEBORAH AYERS|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	06-02-2023	Time:	09:54		

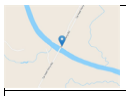
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-053023	05-30-2023 23:01		06-02-2023	10:02	8.17	4.46	82.30	19.70	548.67	22.95	Clear	None	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	05-30-2023 00:01	Multi Meter ID:	706720
ISCO End Date and Time:	05-30-2023 23:01		

WEATHER CONDITIONS	
Temperature (F):	72.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	11

Latitude:	34.7449641907539
Longitude:	-78.7852220934394
Staff Gauge Water Level Reading (ft):	1.8
Temperature Reading (degrees C):	24
Rain Reading (mm)	0



GPS Location (if collected)

General Comment:	Collected CFR-TARHEEL-24-053023, CFR-TARHEEL-24-053123, CFR-TARHEEL-24-060123; no errors; will ship 5/30 sample.
Sampling Comments:	

Staff gauge

Tarheel ISCOs

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|KEN STUART|	Sampling Event:	Tarheel	Event Type:	Sampling
Date:	06-06-2023	Time:	13:48		

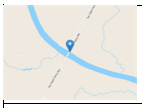
Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
--	06-06-2023 13:55		7.48	7.64	132.60	11.50	130.57	27.03	Clear	No	--

Sampling Data

Sampling Method:	Peri Pump Grab	Multi Meter Used:	Insitu Aqua Troll	Flow Rate:	--
Water Quality Condition:		Multi Meter ID:	706770	Flow Rate Units:	--

WEATHER CONDITIONS	
Temperature (F):	83.00
Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	9

Latitude:	34.7448269202428
Longitude:	-78.7852945925927



GPS Location (if collected)

Tarheel Grab sample due to Tarheel ISCO being down

General Comments:	Grab sample for CFR-TARHEEL-060623
Sampling Comments:	

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|	Sampling Event:	Weekly River	Event Type:	Maintenance
Date:	06-06-2023	Time:	09:27		

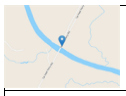
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
--	0		--	--	--	--	--	--	--	--	--	--	--

Sampling Data

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

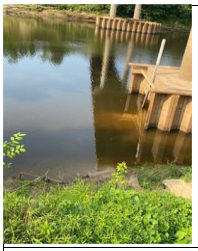
WEATHER CONDITIONS	
Temperature (F):	72.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	8

Latitude:	34.7449783130313
Longitude:	-78.7852067903682
Staff Gauge Water Level Reading (ft):	0.75
Temperature Reading (degrees C):	23
Rain Reading (mm)	0



GPS Location (if collected)

General Comment:	Sample CFR-TARHEEL-24-060223 was collected with no errors; Tarheel ISCO equipment was tampered with on Saturday and the partial sample (CFR-TARHEEL-2-060323) was collected; no other samples available for collection with error "no liquid detected"
Sampling Comments:	



Sampling equipment was pulled from river sometime around 1-2am on Saturday

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|KEN STUART|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	06-07-2023	Time:	09:42		

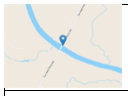
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-060723	06-07-2023 09:50		06-07-2023	09:50	7.33	6.70	66.10	130.00	158.76	25.59	Clear	None	--

Sampling Data

Sampling Method:	Bailer	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	--	Multi Meter ID:	766679
ISCO End Date and Time:	--		

WEATHER CONDITIONS	
Temperature (F):	73.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	0

Latitude:	34.7448082
Longitude:	-78.7852797
Staff Gauge Water Level Reading (ft):	0.8
Temperature Reading (degrees C):	28
Rain Reading (mm)	0



GPS Location (if collected)

General Comment:	Canada Smoke; Samplin inlet pipe still down; grab collected with bailer
Sampling Comments:	

Sample pipe inlet out of water

River conditions

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	CHARLES PACE|DEBORAH AYERS|KEN STUART|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	06-08-2023	Time:	11:28		

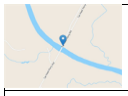
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-060823	06-08-2023 11:45		06-08-2023	11:38	7.74	6.85	63.40	16.50	295.03	27.56	Clear	No	

Sampling Data

Sampling Method:	ISCO grab	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:		Multi Meter ID:	766679
ISCO End Date and Time:			

WEATHER CONDITIONS	
Temperature (F):	68.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	5

Latitude:	34.7449856344935
Longitude:	-78.7853077613551
Staff Gauge Water Level Reading (ft):	0.8
Temperature Reading (degrees C):	34
Rain Reading (mm)	10



GPS Location (if collected)

General Comment:	Tarheel program restarted after repairs and set for next composite sampling event to start 0001 on 6/9(Fri)
Sampling Comments:	

Reset sample inlet tubing and pipe

ISCO setup and running

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	CHARLES PACE|DEBORAH AYERS|KEN STUART|SCOTT SKRZYDLINSKI|	Sampling Event:	Weekly River	Event Type:	Maintenance
Date:	06-08-2023	Time:	11:21		

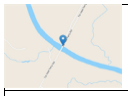
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
--	0		--	--	--	--	--	--	--	--	--	--	--

Sampling Data

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

WEATHER CONDITIONS	
Temperature (F):	68.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	5

Latitude:	34.7448936011967
Longitude:	-78.7853571307648
Staff Gauge Water Level Reading (ft):	0.8
Temperature Reading (degrees C):	34
Rain Reading (mm)	10



GPS Location (if collected)

General Comment:	Reset sampling inlet pipe and replaced sample tubing
Sampling Comments:	

New setup in control box

Piping reset with buoy

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|DEBORAH AYERS|	Sampling Event:	Weekly River	Event Type:	Maintenance
Date:	06-09-2023	Time:	09:47		

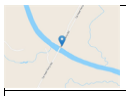
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
--	--		--	--	--	--	--	--	--	--	--	--	--

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)	3

Latitude:	34.7449665237543
Longitude:	-78.7851581443835
Staff Gauge Water Level Reading (ft):	0.8
Temperature Reading (degrees C):	23
Rain Reading (mm)	0



GPS Location (if collected)

General Comment:	Checked Tarheel ISCO to verify it is running correctly; set up DEQ ISCO to run Monday
Sampling Comments:	

DEQ being setup

ISCO setup

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|DEBORAH AYERS|	Sampling Event:	Weekly River	Event Type:	Maintenance
Date:	06-12-2023	Time:	09:30		

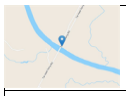
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
--	--		--	--	--	--	--	--	--	--	--	--	--

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:	Cloudy
Precipitation:	None
Wind (mph)	12

Latitude:	34.744922215807
Longitude:	-78.7852133715864
Staff Gauge Water Level Reading (ft):	0.6
Temperature Reading (degrees C):	25
Rain Reading (mm)	4



GPS Location (if collected)

General Comment:	Checked on both ISCOS to ensure that they are running; no errors- will pick up completed standard and QA/QC samples tomorrow
Sampling Comments:	

Inlet pipe still intact

Both ISCOs running

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|TAYLOR CRITTENDEN|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	06-13-2023	Time:	09:13		

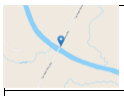
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-061223	06-12-2023 23:01		06-13-2023	09:22	8.47	7.86	-20.30	8.73	248.06	22.62	Clear	None	DUP|MS|MSD

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	06-12-2023 00:01	Multi Meter ID:	766679
ISCO End Date and Time:	06-12-2023 23:01		

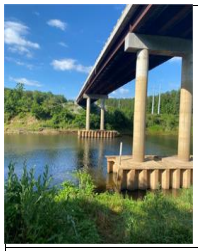
WEATHER CONDITIONS	
Temperature (F):	70.00
Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	4

Latitude:	34.7449689521375
Longitude:	-78.7852130359262
Staff Gauge Water Level Reading (ft):	0.5
Temperature Reading (degrees C):	24
Rain Reading (mm)	13



GPS Location (if collected)

General Comment:	Collected CFR-Tarheel-24-060923, CFR-Tarheel-24-061023, CFR-Tarheel-24-061123, CFR-Tarheel-24-061223 (with MS/MSD/DUP); no errors
Sampling Comments:	NCDEQ split sample



Staff Gauge

ISCO Setup

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|DEBORAH AYERS|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	06-16-2023	Time:	08:52		

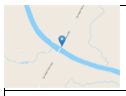
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-061523	06-15-2023 23:01		06-16-2023	09:10	8.30	7.31	-48.60	8.64	614.81	23.82	Clear	None	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	06-15-2023 00:01	Multi Meter ID:	706720
ISCO End Date and Time:	06-15-2023 23:01		

WEATHER CONDITIONS	
Temperature (F):	75.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	6

Latitude:	34.7449831537751
Longitude:	-78.7852153594505
Staff Gauge Water Level Reading (ft):	0.5
Temperature Reading (degrees C):	23
Rain Reading (mm)	0



GPS Location (if collected)

General Comment:	Collected samples CFR-TARHEEL-24-061323, CFR-TARHEEL-24-061423, and CFR-TARHEEL-24-061523; no errors
Sampling Comments:	

Staff gauge

Tarheel ISCO

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|DEBORAH AYERS|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	06-20-2023	Time:	09:14		

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-061923	06-19-2023 23:01		06-20-2023	09:18	8.44	6.54	-31.20	21.80	714.65	24.47	Clear (with debris)	No	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	06-19-2023 00:01	Multi Meter ID:	766679
ISCO End Date and Time:	06-19-2023 23:01		

WEATHER CONDITIONS	
Temperature (F):	74.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	0

Latitude:	34.7449233569529
Longitude:	-78.7851683703054
Staff Gauge Water Level Reading (ft):	0.6
Temperature Reading (degrees C):	24
Rain Reading (mm)	27

GPS Location (if collected)

General Comment:	Collected CFR-TARHEEL-24-061623, CFR-TARHEEL-24-061723, CFR-TARHEEL-24-061823, and CFR-TARHEEL-24-061923; no errors
Sampling Comments:	

ISCO setup

Staff gauge

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|SAIRA BOHAM|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	06-23-2023	Time:	09:26		

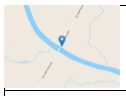
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-062223	06-22-2023 23:01		06-23-2023	09:39	8.09	5.70	-15.30	19.60	450.91	24.58	Cloudy	No	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	06-22-2023 00:01	Multi Meter ID:	706720
ISCO End Date and Time:	06-22-2023 23:01		

WEATHER CONDITIONS	
Temperature (F):	76.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	8

Latitude:	34.7449286794614
Longitude:	-78.7851290591795
Staff Gauge Water Level Reading (ft):	1.6
Temperature Reading (degrees C):	23.5
Rain Reading (mm)	88



GPS Location (if collected)

General Comment:	Collected CFR-TARHEEL-24-062023, CFR-TARHEEL-24-062123, and CFR-TARHEEL-24-062223; no errors
Sampling Comments:	sample output about half of expected - recalibrated and will re-evaluate after weekend's sampling

ISCO setup

Cape Fear River

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|KEN STUART|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	06-27-2023	Time:	14:45		

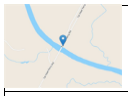
Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-062623	06-26-2023 23:01		06-27-2023	14:53	7.80	0.01	13.40	91.10	795.33	29.18	Clear with particles	None	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	06-26-2023 00:01	Multi Meter ID:	766679
ISCO End Date and Time:	06-26-2023 23:01		

WEATHER CONDITIONS	
Temperature (F):	85.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	2

Latitude:	34.7449883
Longitude:	-78.785231
Staff Gauge Water Level Reading (ft):	7.2
Temperature Reading (degrees C):	36
Rain Reading (mm)	9



GPS Location (if collected)

General Comment:	Collected CFR-TARHEEL-24-062323,CFR-TARHEEL-24-062423, CFR-TARHEEL-24-062523, CFR-TARHEEL-24-062623; no errors
Sampling Comments:	

Arrival

Departure

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|SAIRA BOHAM|	Sampling Event:	Weekly River	Event Type:	Sampling
Date:	06-30-2023	Time:	10:05		

Spl ID	Spl Date	Time	Parameters		pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
			Date	Time		mg/L	mV	NTU	µS/cm	°C			
CFR-TARHEEL-24-062923	06-29-2023 23:01		06-30-2023	10:08	7.51	7.18	3.00	42.60	456.11	27.84	Clear	No	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	06-29-2023 00:01	Multi Meter ID:	706720
ISCO End Date and Time:	06-29-2023 23:01		

WEATHER CONDITIONS	
Temperature (F):	81.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	6

Latitude:	34.7449883
Longitude:	-78.785231
Staff Gauge Water Level Reading (ft):	5.4
Temperature Reading (degrees C):	32
Rain Reading (mm)	0

GPS Location (if collected)

General Comment:	Collected CFR-TARHEEL-24-062723, CFR-TARHEEL-24-062823, and CFR-TARHEEL-24-062923; no errors
Sampling Comments:	

Staff gauge

ISCO

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-BLADEN	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|TAYLOR CRITTENDEN|	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-11-2023	Time:	16:51		

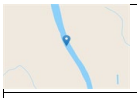
Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-CFR-BLADEN-051123	05-11-2023 17:00		7.08	7.02	109.60	12.40	131.32	24.81	clear	no	

Sampling Data

Sampling Method:	Peri Pump Grab	Tubing Depth (ft):	8	Distance to River Right:	23
Sampling Location:	Thalweg	Multi Meter Used:	Insitu Aqua Troll	Distance to River Left:	57
Total Depth to Bottom of Channel (ft):	16	Multi Meter ID:	706720	Distance to River (Right/Left) Units:	m

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

Latitude: 34.7721935017358
Longitude: -78.7982216757525



GPS Location (if collected)

General Comments:	
Sample Comments:	

river right

river left

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-KINGS	Project Manager:	Tracy Ovbey
Samplers:	KEN STUART|SAIRA BOHAM|	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-16-2023	Time:	14:09		

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-CFR-KINGS-051623	5/16/2023 14:05		7.13	5.63	38.80	10.60	137.65	28.37	Clear	No	

Sampling Data

Sampling Method:	Peri Pump Grab	Tubing Depth (ft):	7.75	Distance to River Right:	55
Sampling Location:	Thalweg	Multi Meter Used:	Insitu Aqua Troll	Distance to River Left:	50
Total Depth to Bottom of Channel (ft):	15.5	Multi Meter ID:	706720	Distance to River (Right/Left) Units:	m

WEATHER CONDITIONS	
Temperature (F):	84.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	9

Latitude: 34.4063443408173
Longitude: -78.2945526937633

GPS Location (if collected)

General Comments:	
Sample Comments:	

Right side of bank

Left side of bank

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-RM-76	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|TAYLOR CRITTENDEN|	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-11-2023	Time:	11:46		

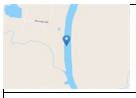
Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-CFR-RM-76-051123	05-11-2023 12:00		7.43	4.27	163.00	12.80	484.08	26.75	Clear	No	

Sampling Data

Sampling Method:	Peri Pump Grab	Tubing Depth (ft):	10.5	Distance to River Right:	21
Sampling Location:	Thalweg	Multi Meter Used:	Insitu Aqua Troll	Distance to River Left:	61
Total Depth to Bottom of Channel (ft):	21	Multi Meter ID:	706720	Distance to River (Right/Left) Units:	m

WEATHER CONDITIONS	
Temperature (F):	72.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	3

Latitude:	34.8540301879245
Longitude:	-78.8269687685785



GPS Location (if collected)

General Comments:	
Sample Comments:	

River right

River left

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|TAYLOR CRITTENDEN|	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-11-2023	Time:	17:11		

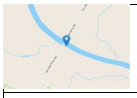
Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-CFR-TARHEEL-051123	05-11-2023 17:20		7.19	6.89	126.20	16.00	123.40	25.01	clear	none	

Sampling Data

Sampling Method:	Peri Pump Grab	Tubing Depth (ft):	7.5	Distance to River Right:	17
Sampling Location:	Thalweg	Multi Meter Used:	Insitu Aqua Troll	Distance to River Left:	57
Total Depth to Bottom of Channel (ft):	15.5	Multi Meter ID:	706720	Distance to River (Right/Left) Units:	m

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

Latitude:	34.7441445943292
Longitude:	-78.7852464058239



GPS Location (if collected)

General Comments:	
Sample Comments:	

river right

river left

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	CFR-TARHEEL	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-11-2023	Time:	17:43		

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-CFR-TARHEEL-24-051223	5/12/2023 15:30		7.28	6.42	116.70	25.90	480.16	24.08	Clear	No	--

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	5/11/2023 16:30	Multi Meter ID:	706720
ISCO End Date and Time:	5/12/2023 15:30		

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

Latitude:	34.7449522133286
Longitude:	-78.7851435882271

GPS Location (if collected)

General Comments:	
Sample Comments:	

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	GBC-1	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|TAYLOR CRITTENDEN|	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-11-2023	Time:	15:08		

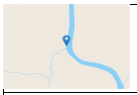
Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-GBC-1-051123	05-11-2023 16:15		4.81	7.00	225.90	9.87	283.50	25.84	clear	no	

Sampling Data

Sampling Method:	Bottle Grab	Tubing Depth (ft):		Distance to River Right:	6
Sampling Location:	Thalweg	Multi Meter Used:	Insitu Aqua Troll	Distance to River Left:	6
Total Depth to Bottom of Channel (ft):	1.2	Multi Meter ID:	706682	Distance to River (Right/Left) Units:	ft

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

Latitude: 34.8148657707822
Longitude: -78.8214105461527



GPS Location (if collected)

General Comments:	
Sample Comments:	

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	Lock-Dam Seep	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|TAYLOR CRITTENDEN|	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-11-2023	Time:	14:20		

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-Lock-Dam Seep-051123	05-11-2023	14:30	6.74	2.47	336.20	61.60	310.92	27.01	Murky, brown, orange	No odor	

Sampling Data

Sampling Method:	Bottle Grab	Multi Meter Used:	Insitu Aqua Troll	Flow Rate:	4.68
Water Quality Condition:		Multi Meter ID:	706720	Flow Rate Units:	L/min

WEATHER CONDITIONS	
Temperature (F):	72.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	3

Latitude:
Longitude:

GPS Location (if collected)

General Comments:

Sampling Comments:

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	LOCK-DAM-NORTH	Project Manager:	Tracy Ovbey
Samplers:	DEBORAH AYERS|TAYLOR CRITTENDEN|	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-11-2023	Time:	14:38		

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-LOCK-DAM-NORTH-051123	05-11-2023 14:38										

Sampling Data

Sampling Method:		Multi Meter Used:	Insitu Aqua Troll	Flow Rate:	
Water Quality Condition:		Multi Meter ID:	706720	Flow Rate Units:	

WEATHER CONDITIONS	
Temperature (F):	72.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	3

Latitude:
Longitude:

GPS Location (if collected)

General Comments:	Seep was dry
Sampling Comments:	Seep was dry, no sample was collected

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	OLDOF-1	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|SAIRA BOHAM|	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-11-2023	Time:	13:14		

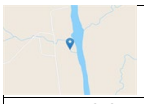
Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-OLDOF-1-24-051223	5/12/2023 12:57										

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	5/11/2023 13:57	Multi Meter ID:	766679
ISCO End Date and Time:	5/12/2023 12:57		

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

Latitude:	34.8319405492
Longitude:	-78.8237440089384



GPS Location (if collected)

General Comments:	Restarted Isco at 13:57 due to sample tubing out of water and collecting, no parameter were collected.
Sample Comments:	

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	OUTFALL 002A	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|SAIRA BOHAM|	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-11-2023	Time:	12:50		

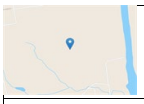
Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-OUTFALL-002A-24-051223	5/12/2023 7:56		7.47	7.55	94.20	13.30	167.85	34.96	Clear	No	

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	5/11/2023 8:56	Multi Meter ID:	766679
ISCO End Date and Time:	5/12/2023 7:56		

WEATHER CONDITIONS	
Temperature (F):	80.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	5

Latitude:	34.8379235955251
Longitude:	-78.8308178577876



GPS Location (if collected)

General Comments:	Location moved to alternate location upstream of the sump because the barrier wall cut was underway for the wall and the Outfall water was being pumped around the cut.
Sample Comments:	

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	River Water Intake2	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|SAIRA BOHAM|	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-11-2023	Time:	12:19		

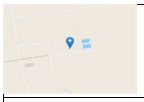
Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-River Water Intake2-24-051223	05-12-2023 11:22		7.55	7.70	95.60	17.70	151.40	29.83	Clear	No	

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	05-11-2023 12:22	Multi Meter ID:	766679
ISCO End Date and Time:	05-12-2023 11:22		

WEATHER CONDITIONS	
Temperature (F):	80.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	5

Latitude:	34.8435437906598
Longitude:	-78.8354776281129



GPS Location (if collected)

General Comments:	Restarted ISCO no liquid detected, restarted at 12:22 on 5-11-23
Sample Comments:	

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	Seep B	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|SAIRA BOHAM|	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-11-2023	Time:	16:17		

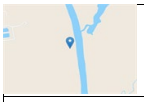
Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-Seep-B-EFF-051123	05-11-2023 16:23										

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	
ISCO Start Date and Time:	05-11-2023 16:23	Multi Meter ID:	
ISCO End Date and Time:	05-11-2023 16:23		

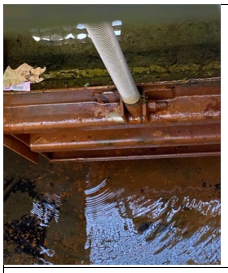
WEATHER CONDITIONS	
Temperature (F):	84.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	5

Latitude:	34.842285599119
Longitude:	-78.8250539920833



GPS Location (if collected)

General Comments:	No flowing water at effluent cell. No sample collected for Q2.
Sample Comments:	



Inside effiuent cell, just a drip of flow

End of rock, standing water near rocks.

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	Seep C	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|SAIRA BOHAM|	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-11-2023	Time:	16:26		

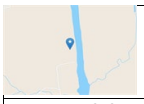
Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-Seep-C-EFF-051223	5/12/2023 11:13										

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	
ISCO Start Date and Time:	05-12-2023 11:13	Multi Meter ID:	
ISCO End Date and Time:	05-12-2023 11:13		

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

Latitude:	34.8384024501494
Longitude:	-78.824513253684



GPS Location (if collected)

General Comments:	No flowing water in effluent cell. No sample collected for Q2.
Sample Comments:	

Inside effluent cell, just dip of water flowing

Downstream of cell.

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	SEEP-A	Project Manager:	Tracy Ovbey
Samplers:	Deb Ayers, Charles Pace	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-15-2023	Time:	14:55		

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-SEEP-A-EFF-24-051623	05-16-2023 13:58										

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	
ISCO Start Date and Time:	05-15-2023 14:58	Multi Meter ID:	
ISCO End Date and Time:	05-16-2023 13:58		

WEATHER CONDITIONS	
Temperature (F):	85.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	12

Latitude:
Longitude:

GPS Location (if collected)

General Comments:	No parameter collected
Sample Comments:	

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	SEEP-D	Project Manager:	Tracy Ovbey
Samplers:	Deb Ayers, Charles Pace	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-15-2023	Time:	13:23		

Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-SEEP-D-EFF-24-051623	05-16-2023 12:35										

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	
ISCO Start Date and Time:	05-15-2023 13:35	Multi Meter ID:	
ISCO End Date and Time:	05-16-2023 12:35		

WEATHER CONDITIONS	
Temperature (F):	83.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	13

Latitude:
Longitude:

GPS Location (if collected)

General Comments:	No parameter collected
Sample Comments:	

PARSONS

SURFACE WATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	WC-1	Project Manager:	Tracy Ovbey
Samplers:	BRANDON WEIDNER|SAIRA BOHAM|	Sampling Event:	Quarterly CAP	Event Type:	Sampling
Date:	05-11-2023	Time:	08:00		

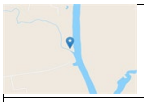
Spl ID	Spl Date	Time	pH	DO	Redox	Turbidity	Spec. Cond.	Temp.	Color	Odor	QA/QC
				mg/L	mV	NTU	µS/cm	°C			
CAP2Q23-WC-1-24-051223	05-12-2023	07:00	6.74	7.37	60.80	15.90	412.40	17.10	Clear	No	

Sampling Data

Sampling Method:	ISCO Composite	Multi Meter Used:	Insitu Aqua Troll
ISCO Start Date and Time:	05-11-2023 08:00	Multi Meter ID:	766679
ISCO End Date and Time:	05-12-2023 07:00		

WEATHER CONDITIONS	
Temperature (F):	59.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	3

Latitude:	34.8513017915633
Longitude:	-78.8276130316074



GPS Location (if collected)

General Comments:	
Sample Comments:	

PARSONS

RECORD OF WELL SAMPLING

Site Name: Chemours Fayetteville | Well ID: BLADEN-1DR | Well Diameter: 2 Inches

Samplers: DEBORAH AYERS|KEN STUART | Event: Quarterly CAP | Project Manager: Tracy Ovbey

Purging Data

Pump Depth: 42

Pump Loc: within screen

Method: Peristaltic Pump | Date: 05-19-2023 | Time: 10:02

WATER VOLUME CALCULATION

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

Water Volume = 4.394

Initial Depth to Water (ft.): 19.74 | Depth to Well Bottom (ft.): 47.2

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			
10:21	19.74	200.00	200.00	6.29	0.26	-159.90	63.70	74.00	18.97	Clear	No	
10:26	23.34	200.00	1000.00	6.29	0.23	-156.40	88.90	72.04	18.93	Clear	No	
10:31	20.35	200.00	1000.00	6.3	0.20	-154.00	82.70	70.64	18.99	Clear	No	
10:36	20.35	200.00	1000.00	6.29	0.18	-150.00	58.80	63.93	19.00	Clear	No	
10:41	20.35	200.00	1000.00	6.31	0.16	-153.80	60.30	69.53	18.97	Clear	No	
10:46	20.35	200.00	1000.00	6.31	0.14	-156.20	27.70	68.74	18.99	Clear	No	
10:51	20.35	200.00	1000.00	6.3	0.13	-154.60	27.80	68.70	18.96	Clear	No	
10:56	20.35	200.00	1000.00	6.27	0.13	-153.70	29.60	68.17	18.96	Clear	Slight odor	
11:01	20.35	200.00	1000.00	6.26	0.13	-153.30	20.20	67.41	18.98	Clear	Slight odor	
11:06	20.35	200.00	1000.00	6.28	0.12	-157.80	17.00	67.61	19.02	Clear	Slight	
11:11	20.35	200.00	1000.00	6.24	0.11	-159.30	18.60	66.97	19.04	Clear	Slight odor	
11:16	20.35	200.00	800.00	6.23	0.10	-160.20	13.20	67.10	19.03	Clear	Slight	

Screen Interval:

Sampling Data

Method: Low Flow | Date: 05-19-2023 | Time: 11:16

Field Filtered: No

Purge Start Time: 10:20

Total Volume Purged (mL): 11000

Field Parameters

STABILIZED PARAMETERS	
pH	6.23
Spec. Cond.(µS/cm)	67.10
Turbidity (NTU)	13.20
Temp.(°C)	19.03
DO (mg/L)	0.10
ORP (mV)	-160.20

Sample ID: CAP2Q23-BLADEN-1DR-051923

DuplicateID:

QA/QC:

WEATHER CONDITIONS	
Temperature (F):	63.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	12

RECORD OF WELL SAMPLING

Site Name:	Chemours Fayetteville	Well ID:	LTW-01	Well Diameter:	2 Inches
Samplers:	BRANDON WEIDNER|SAIRA BOHAM	Event:	Quarterly CAP	Project Manager:	Tracy Ovbey

Purging Data

Pump Depth: 19
Pump Loc: within screen
Method: Peristaltic Pump Date: 05-17-2023 Time: 13:45

WATER VOLUME CALCULATION

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

Water Volume = 1.827

Initial Depth to Water (ft.): 17.11 Depth to Well Bottom (ft.): 28.53

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			
14:05	17.76	180.00	900.00	3.64	0.97	248.20	24.10	497.90	21.00	Clear	None	
14:10	17.81	180.00	900.00	3.45	0.66	274.20	12.00	492.40	20.62	Clear	None	
14:15	17.82	180.00	900.00	3.43	0.55	186.80	5.34	490.19	20.29	Clear	None	
14:20	17.82	180.00	900.00	3.39	0.50	298.10	3.90	490.83	19.68	Clear	None	
14:25	17.83	180.00	900.00	3.41	0.48	307.00	4.37	490.13	20.21	Clear	None	
14:30	17.82	180.00	900.00	3.44	0.53	312.70	4.34	492.22	20.20	Clear	None	
14:35	17.82	180.00	900.00	3.48	0.42	316.70	4.63	493.61	19.41	Clear	None	

Screen Interval: 11.0-26.0

Sampling Data

Purge Start Time: 14:00
Method: Low Flow Date: 05-17-2023 Time: 14:35 Total Volume Purged (mL): 6300
Field Filtered: No

Field Parameters

STABILIZED PARAMETERS	
pH	3.48
Spec. Cond.(µS/cm)	493.61
Turbidity (NTU)	4.63
Temp.(°C)	19.41
DO (mg/L)	0.42
ORP (mV)	316.70

Sample ID: CAP2Q23-LTW-01-051723
DuplicateID:
QA/QC:

WEATHER CONDITIONS	
Temperature (F):	81.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	8

RECORD OF WELL SAMPLING

Site Name:	Chemours Fayetteville	Well ID:	LTW-02	Well Diameter:	2 Inches
Samplers:	BRANDON WEIDNER|SAIRA BOHAM	Event:	Quarterly CAP	Project Manager:	Tracy Ovbey

Purging Data

Pump Depth: 35
Pump Loc: within screen
Method: Peristaltic Pump Date: 05-17-2023 Time: 11:56

WATER VOLUME CALCULATION

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

Water Volume = 4.507

Initial Depth to Water (ft.): 12.3 Depth to Well Bottom (ft.): 40.47

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			
12:55	12.42	270.00	540.00	6.91	0.98	71.70	17.30	314.93	20.20	Clear	No	
13:00	12.42	270.00	1350.00	4.59	0.00	162.40	9.24	270.15	19.06	Clear	No	
13:05	12.42	270.00	1350.00	4.42	0.00	193.00	6.15	271.05	19.17	Clear	No	
13:20	12.42	270.00	4050.00	4.47	0.00	191.00	2.02	271.97	19.39			Missed last theee readings to check DO sensor. Sensor is working, well has low DO
13:25	12.42	270.00	1350.00	4.57	0.04	184.60	2.03	275.09	19.19	Clear	No	

Screen Interval: 28.0-38.0

Sampling Data

Method: Low Flow Date: 05-17-2023 Time: 13:25
Field Filtered: No

Purge Start Time: 12:53
Total Volume Purged (mL): 8640

Field Parameters

STABILIZED PARAMETERS	
pH	4.57
Spec. Cond.(µS/cm)	275.09
Turbidity (NTU)	2.03
Temp.(°C)	19.19
DO (mg/L)	0.04
ORP (mV)	184.60

Sample ID: CAP2Q23-LTW-02-051723
DuplicateID:
QA/QC:

WEATHER CONDITIONS	
Temperature (F):	81.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	8

RECORD OF WELL SAMPLING

Site Name: Chemours Fayetteville | Well ID: LTW-03 | Well Diameter: 2 Inches

Samplers: ERIN JANIGA|SAIRA BOHAM | Event: Quarterly CAP | Project Manager: Tracy Ovbey

Purging Data

Pump Depth: 25

Pump Loc: within screen

Method: Peristaltic Pump | Date: 05-23-2023 | Time: 10:38

WATER VOLUME CALCULATION

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

Water Volume = 2.837

Initial Depth to Water (ft.): 15.05 | Depth to Well Bottom (ft.): 32.78

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			
11:00	15.63	200.00	1000.00	4.63	0.20	47.80	19.20	103.27	17.79	Clear	No	
11:05	15.55	175.00	875.00	4.37	0.14	225.10	13.70	104.03	17.99	Clear	No	
11:10	15.55	175.00	875.00	4.28	0.14	290.50	19.80	101.74	17.99	Clear	No	
11:15	15.58	175.00	875.00	4.4	0.12	229.40	14.80	102.28	18.06	Clear	No	
11:20	15.61	175.00	875.00	4.3	0.11	294.60	10.20	101.80	18.03	Clear	No	
11:25	15.63	175.00	875.00	4.28	0.11	292.90	9.47	101.21	18.09	Clear	No	
11:30	15.63	175.00	875.00	4.3	0.12	290.00	10.92	100.83	18.11	Clear	No	

Screen Interval: 15.0-30.0

Sampling Data

Purge Start Time: 10:55

Method: Low Flow | Date: 05-23-2023 | Time: 11:30

Total Volume Purged (mL): 6250

Field Filtered: No

Field Parameters

STABILIZED PARAMETERS	
pH	4.30
Spec. Cond.(µS/cm)	100.83
Turbidity (NTU)	10.92
Temp.(°C)	18.11
DO (mg/L)	0.12
ORP (mV)	290.00

Sample ID: CAP2Q23-LTW-03-052323

DuplicateID:

QA/QC:

WEATHER CONDITIONS	
Temperature (F):	78.00
Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	12

RECORD OF WELL SAMPLING

Site Name: Chemours Fayetteville | Well ID: LTW-04 | Well Diameter: 2 Inches

Samplers: ERIN JANIGA|SAIRA BOHAM | Event: Quarterly CAP | Project Manager: Tracy Ovbey

Purging Data

Pump Depth: 20

Pump Loc: within screen

Method: Peristaltic Pump | Date: 05-23-2023 | Time: 12:00

WATER VOLUME CALCULATION

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

Water Volume = 2.514

Initial Depth to Water (ft.): 12.85 | Depth to Well Bottom (ft.): 28.56

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			
12:20	14.40	160.00	800.00	4.35	0.24	365.40	96.00	97.15	19.01	Cloudy	No	
12:25	15.02	125.00	625.00	4.23	0.26	379.05	82.10	98.33	19.88	Cloudy	No	Lowered purge rate due to drawdown of water in well
12:30	15.21	125.00	625.00	4.27	0.26	376.90	66.00	99.14	19.91	Cloudy	No	
12:35	15.36	125.00	625.00	4.43	0.23	348.10	64.80	95.10	19.35	Cloudy	No	
12:40	15.45	125.00	625.00	4.27	0.28	389.60	72.80	102.59	20.02	Cloudy	No	
12:45	15.51	125.00	625.00	4.33	0.28	373.50	59.70	100.85	20.37	Cloudy	No	
12:50	15.60	125.00	625.00	4.39	0.25	358.80	55.80	98.79	20.28	Cloudy	No	
12:55	15.68	125.00	625.00	4.52	0.22	333.60	43.60	94.11	20.14	Cloudy	No	
13:00	15.73	125.00	625.00	4.67	0.17	306.30	37.80	91.62	20.50	Clear	No	
13:05	15.77	125.00	625.00	4.63	0.18	310.10	32.70	93.67	20.43	Clear	No	
13:10	15.82	125.00	625.00	4.68	0.16	300.10	32.70	91.54	20.58	Clear	No	
13:15	15.86	125.00	625.00	4.64	0.17	304.90	28.80	92.63	20.85	Clear	No	
13:20	15.89	125.00	625.00	4.7	0.15	293.70	24.70	91.25	20.39	Clear	No	
13:25	15.92	125.00	500.00	4.66	0.15	300.00	22.80	91.95	20.12	Clear	No	
13:30	15.92	125.00	625.00	4.7	0.12	292.40	22.00	91.88	20.92	Clear	No	
13:35	15.92	125.00	625.00	4.71	0.14	286.40	19.70	91.16	21.01	Clear	No	
13:40	15.92	125.00	625.00	4.68	0.13	288.90	16.20	91.32	21.40	Clear	No	
13:45	15.92	125.00	625.00	4.69	0.14	287.80	17.10	91.39	21.10	Clear	No	

Screen Interval: 12.0-27.0

Sampling Data

Purge Start Time: 12:15

Method: Low Flow | Date: 05-23-2023 | Time: 13:45 | Total Volume Purged (mL): 11300.00

Field Filtered: No

Field Parameters

STABILIZED PARAMETERS	
pH	4.69
Spec. Cond.(µS/cm)	91.39
Turbidity (NTU)	17.10
Temp.(°C)	21.10
DO (mg/L)	0.14
ORP (mV)	287.80

Sample ID: CAP2Q23-LTW-04-052323

DuplicateID:

QA/QC:

WEATHER CONDITIONS	
Temperature (F):	75.00
Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	13

RECORD OF WELL SAMPLING

Site Name: Chemours Fayetteville | Well ID: LTW-05 | Well Diameter: 2 Inches

Samplers: DEBORAH AYERS|ERIN JANIGA|SAIRA BOHAM | Event: Quarterly CAP | Project Manager: Tracy Ovbey

Purging Data

Pump Depth: 37

Pump Loc: within screen

Method: Peristaltic Pump | Date: 05-22-2023 | Time: 11:02

WATER VOLUME CALCULATION

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

Water Volume = 5.475

Initial Depth to Water (ft.): 13.08 | Depth to Well Bottom (ft.): 47.3

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			
11:07	13.15	230.00	0.00	3.88	5.48	216.20	7.00	117.95	19.09	Clear	No	
11:12	13.20	230.00	1150.00	3.82	4.70	241.60	5.45	116.60	20.74	Clear	No	
11:17	13.21	230.00	1150.00	3.81	4.28	257.50	7.93	114.59	19.13	Clear	No	
11:22	13.21	230.00	1150.00	3.85	2.47	258.70	9.74	112.03	19.00	Clear	No	
11:27	13.21	230.00	1150.00	3.93	0.89	233.50	9.87	110.73	18.92	Clear	No	
11:32	13.21	230.00	1150.00	3.99	0.21	203.40	13.40	110.82	18.90	Clear	No	
11:37	13.21	230.00	1150.00	4.05	0.37	183.00	12.70	111.32	18.93	Clear	No	
11:42	13.21	230.00	1150.00	4.1	0.24	156.90	11.50	111.38	18.96	Clear	No	
11:47	13.21	230.00	1150.00	4.17	0.10	143.90	11.40	111.47	19.33	Clear	No	
11:52	13.21	230.00	1150.00	4.23	0.11	124.90	12.70	111.17	19.29	Clear	No	
11:57	13.21	230.00	1150.00	4.22	0.17	113.10	13.70	109.67	19.25	Clear	No	
12:02	13.21	230.00	1150.00	4.24	0.10	94.20	11.40	110.87	19.15	Clear	No	
12:07	13.21	230.00	1150.00	4.24	0.11	90.60	9.31	110.76	19.11	Clear	No	
12:12	13.21	230.00	1150.00	4.25	0.20	89.10	8.67	113.07	19.42	Clear	No	
12:17	13.21	230.00	1150.00	4.27	0.17	85.30	8.40	109.91	19.07	Clear	No	
12:22	13.21	230.00	1150.00	4.24	0.34	88.00	6.03	110.13	19.09	Clear	No	
12:27	13.21	230.00	1150.00	4.25	0.39	96.40	5.53	112.07	19.12	Clear	No	
12:32	13.21	230.00	1150.00	4.25	0.24	93.80	4.16	108.89	19.10	Clear	No	
12:37	13.21	230.00	1150.00	4.26	0.19	90.80	3.74	108.63	19.22	Clear	No	
12:42	13.21	230.00	1150.00	4.3	0.16	89.70	4.20	108.33	19.16	Clear	No	
12:47	13.21	230.00	1150.00	4.29	0.06	85.30	3.56	107.95	19.49	Clear	No	
12:52	13.21	230.00	1150.00	4.29	0.03	83.30	3.14	107.33	19.26	Clear	No	
12:57	13.21	230.00	1150.00	4.31	0.07	86.80	3.60	107.71	19.60	Clear	No	

Screen Interval: 29.0-44.0

Sampling Data

Purge Start Time: 11:07

Method: Low Flow | Date: 05-22-2023 | Time: 12:57 | Total Volume Purged (mL): 25300

Field Filtered: No

Field Parameters

STABILIZED PARAMETERS	
pH	4.31
Spec. Cond.(µS/cm)	107.71
Turbidity (NTU)	3.60
Temp.(°C)	19.60
DO (mg/L)	0.07
ORP (mV)	86.80

Sample ID: CAP2Q23-LTW-05-052223

DuplicateID:

QA/QC:

WEATHER CONDITIONS	
Temperature (F):	75.00
Sky:	Partly Sunny
Precipitation:	None
Wind (mph)	7

RECORD OF WELL SAMPLING

Site Name:	Chemours Fayetteville	Well ID:	OW-28	Well Diameter:	2 Inches
Samplers:	ERIN JANIGA|SAIRA BOHAM	Event:	Quarterly CAP	Project Manager:	Tracy Ovbey

Purging Data

Pump Depth:	25				
Pump Loc:	within screen				
Method:	Peristaltic Pump	Date:	05-25-2023	Time:	09:36

WATER VOLUME CALCULATION

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

Water Volume =	3.861		
Initial Depth to Water (ft.):	9.38	Depth to Well Bottom (ft.):	33.51

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			
09:55	9.66	240.00	1200.00	4.93	0.26	-42.70	4.47	97.76	18.09	Clear	No	
10:00	9.71	240.00	1200.00	4.32	0.12	-33.90	2.82	53.69	17.87	Clear	No	
10:05	9.72	240.00	1200.00	4.27	0.08	17.50	2.65	51.09	17.79	Clear	No	
10:10	9.73	240.00	1200.00	4.26	0.07	21.00	1.83	51.18	17.93	Clear	No	
10:15	9.75	240.00	1200.00	4.29	0.08	15.60	1.25	51.12	17.94	Clear	No	
10:20	9.75	240.00	1200.00	4.31	0.07	13.00	3.00	51.57	17.93	Clear	No	
10:25	9.75	240.00	1200.00	4.32	0.05	10.10	1.02	51.22	18.07	Clear	No	
10:30	9.75	240.00	1200.00	4.33	0.04	6.40	0.89	50.86	18.23	Clear	No	
10:35	9.75	240.00	1200.00	4.35	0.03	4.00	0.78	50.59	18.05	Clear	No	
10:40	9.75	240.00	1200.00	4.35	0.03	2.30	0.73	50.71	18.13	Clear	No	
10:45	9.75	240.00	1200.00	4.33	0.03	2.10	0.72	50.59	18.16	Clear	No	
10:50	9.75	240.00	1200.00	4.32	0.03	2.00	0.75	50.89	18.20	Clear	No	
10:55	9.75	240.00	1200.00	4.33	0.02	-1.20	0.70	50.78	18.22	Clear	No	
11:00	9.75	240.00	1200.00	4.35	0.02	-1.20	0.63	50.90	18.48	Clear	No	
11:05	9.75	240.00	1200.00	4.36	0.02	-3.20	0.58	50.94	18.59	Clear	No	
11:10	9.75	240.00	1200.00	4.35	0.02	-3.40	0.81	50.57	18.55	Clear	No	
11:15	9.75	240.00	1200.00	4.36	0.01	-5.40	0.75	50.60	18.57	Clear	No	
11:20	9.75	240.00	1200.00	4.36	0.00	-5.80	0.67	50.63	18.43	Clear	No	
11:25	9.75	240.00	1920.00	4.38	0.00	-8.00	0.69	50.54	18.73	Clear	No	
11:30	9.75	240.00	1200.00	4.37	0.00	-7.50	0.65	50.53	18.53	Clear	No	
11:35	9.75	240.00	1200.00	4.38	0.01	-8.00	0.85	50.63	18.60	Clear	No	

Screen Interval:

Sampling Data

Method:	Low Flow	Date:	05-25-2023	Time:	11:35
Field Filtered:	No				

Purge Start Time:	09:50
Total Volume Purged (mL):	25920

Field Parameters

STABILIZED PARAMETERS	
pH	4.38
Spec. Cond.(µS/cm)	50.63
Turbidity (NTU)	0.85
Temp.(°C)	18.60
DO (mg/L)	0.01
ORP (mV)	-8.00

Sample ID:	CAP2Q23-OW-28-052523
DuplicateID:	
QA/QC:	

WEATHER CONDITIONS	
Temperature (F):	69.00
Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	14

RECORD OF WELL SAMPLING

Site Name:	Chemours Fayetteville	Well ID:	OW-33	Well Diameter:	2 Inches
Samplers:	BRANDON WEIDNER|TREVARIOUS MATHIS	Event:	Quarterly CAP	Project Manager:	Tracy Ovbey

Purging Data

Pump Depth: 27
Pump Loc: within screen
Method: Peristaltic Pump Date: 05-18-2023 Time: 09:40

WATER VOLUME CALCULATION

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

Water Volume = 3.291

Initial Depth to Water (ft.): 11.44 Depth to Well Bottom (ft.): 32.01

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			
10:15	11.53	240.00	1200.00	4.52	0.08	4.90	26.50	63.67	18.13	Cloudy	None	
10:20	11.49	240.00	1200.00	4.73	0.02	28.70	24.90	63.91	18.38	Cloudy	None	
10:25	11.47	240.00	1200.00	4.38	0.05	44.00	17.40	61.31	18.65	Cloudy	None	
10:30	11.45	240.00	1200.00	4.29	0.01	62.40	15.90	60.90	18.82	Cloudy	None	
10:35	11.44	240.00	1200.00	4.23	0.00	79.40	10.20	61.26	18.82	Clear	None	
10:40	11.44	240.00	1200.00	4.19	0.00	101.80	8.01	61.35	18.92	Clear	None	
10:45	11.44	240.00	1200.00	4.16	0.00	129.80	6.67	61.23	18.77	Clear	None	
10:50	11.44	240.00	1200.00	4.18	0.00	147.70	5.59	61.90	18.97	Clear	None	
10:55	11.44	240.00	1200.00	4.15	0.00	159.00	5.16	61.78	18.88	Clear	None	
11:00	11.44	240.00	1200.00	4.16	0.00	162.80	4.76	61.99	18.99	Clear	None	
11:05	11.44	240.00	1200.00	4.16	0.00	176.20	4.10	61.76	18.96	Clear	None	
11:10	11.44	240.00	1200.00	4.14	0.00	184.40	4.82	61.94	19.09	Clear	None	
11:15	11.44	240.00	1200.00	4.16	0.02	188.70	3.22	61.90	19.00	Clear	None	

Screen Interval: --

Sampling Data

Method: Low Flow Date: 05-18-2023 Time: 11:15
Field Filtered: No

Purge Start Time: 10:10
Total Volume Purged (mL): 15360

Field Parameters

STABILIZED PARAMETERS	
pH	4.16
Spec. Cond.(µS/cm)	61.90
Turbidity (NTU)	3.22
Temp.(°C)	19.00
DO (mg/L)	0.02
ORP (mV)	188.70

Sample ID: CAP2Q23-OW-33-051823
DuplicateID:
QA/QC:

WEATHER CONDITIONS	
Temperature (F):	68.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	12

RECORD OF WELL SAMPLING

Site Name:	Chemours Fayetteville	Well ID:	PIW-1D	Well Diameter:	2 Inches
Samplers:	ERIN JANIGA|SAIRA BOHAM	Event:	Quarterly CAP	Project Manager:	Tracy Ovbey

Purging Data

Pump Depth: 29
Pump Loc: within screen
Method: Peristaltic Pump Date: 05-23-2023 Time: 15:07

WATER VOLUME CALCULATION

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

Water Volume = 1.898

Initial Depth to Water (ft.): 20.14 Depth to Well Bottom (ft.): 32

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			
15:20	20.19	190.00	950.00	3.61	0.47	471.00	8.12	182.27	20.08	Clear	No	
15:25	20.20	190.00	950.00	3.6	0.25	472.20	9.97	182.32	20.04	Clear	No	
15:30	20.20	195.00	975.00	3.44	0.20	479.00	10.80	182.13	19.78	Clear	No	
15:35	20.20	190.00	950.00	3.43	0.19	477.70	10.40	182.06	20.31	Clear	No	
15:40	20.20	190.00	950.00	3.41	0.16	469.20	6.39	181.10	19.84	Clear	No	
15:45	20.20	190.00	950.00	3.45	0.15	470.10	6.71	181.80	19.93	Clear	No	
15:50	20.20	190.00	950.00	3.43	0.13	458.70	5.05	180.61	19.57	Clear	No	
15:55	20.20	190.00	950.00	3.44	0.14	466.30	6.17	181.57	19.78	Clear	No	
16:00	20.20	190.00	950.00	3.45	0.13	459.20	4.60	180.89	19.86	Clear	No	

Screen Interval:

Sampling Data

Purge Start Time: 15:15
Method: Low Flow Date: 05-23-2023 Time: 16:00 Total Volume Purged (mL): 8575
Field Filtered: No

Field Parameters

STABILIZED PARAMETERS	
pH	3.45
Spec. Cond.(µS/cm)	180.89
Turbidity (NTU)	4.60
Temp.(°C)	19.86
DO (mg/L)	0.13
ORP (mV)	459.20

Sample ID: CAP2Q23-PIW-1D-052323
DuplicateID:
QA/QC:

WEATHER CONDITIONS	
Temperature (F):	75.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	13

RECORD OF WELL SAMPLING

Site Name:	Chemours Fayetteville	Well ID:	PIW-1S	Well Diameter:	2 Inches
Samplers:	DEBORAH AYERS|ERIN JANIGA|SAIRA BOHAM	Event:	Quarterly CAP	Project Manager:	Tracy Ovbey

Purging Data

Pump Depth: --
Pump Loc: --
Method: -- Date: 05-22-2023 Time: 16:16

WATER VOLUME CALCULATION

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

Water Volume = 0.045

Initial Depth to Water (ft.): 21.7 Depth to Well Bottom (ft.): 21.98

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			Well is Dry

Screen Interval: --

Sampling Data

Method: -- Date: -- Time: --
Field Filtered: --

Purge Start Time: --
Total Volume Purged (mL): --

Field Parameters

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

Sample ID: --
DuplicateID: --
QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	81.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	10

RECORD OF WELL SAMPLING

Site Name:	Chemours Fayetteville	Well ID:	PIW-3D	Well Diameter:	2 Inches
Samplers:	BRANDON WEIDNER|SAIRA BOHAM	Event:	Quarterly CAP	Project Manager:	Tracy Ovbey

Purging Data

Pump Depth: 25
Pump Loc: within screen
Method: Peristaltic Pump Date: 05-17-2023 Time: 14:56

WATER VOLUME CALCULATION

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

Water Volume = 1.402

Initial Depth to Water (ft.): 17.85 Depth to Well Bottom (ft.): 26.61

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	18.19	300.00	1500.00	4.23	0.29	100.50	7.31	301.51	19.08	Clear	None	
15:20	18.20	300.00	1500.00	4.03	0.17	68.80	5.43	301.11	19.11	Clear	None	
15:25	18.30	300.00	1500.00	4.04	0.12	53.30	4.24	300.19	18.92	Clear	No	
15:30	18.20	300.00	1500.00	4.09	0.09	43.80	3.79	301.10	19.15	Clear	No	
15:35	18.20	300.00	1500.00	4.09	0.09	43.80	3.79	301.10	19.15	Clear	None	
15:40	18.20	300.00	1500.00	4.15	0.10	39.10	3.09	300.53	18.87	Clear	None	
15:45	18.20	300.00	1500.00	4.33	0.08	28.40	4.39	303.08	19.05	Clear	None	
15:50	18.20	300.00	1500.00	4.42	0.10	26.40	2.97	300.53	19.11	Clear	None	
15:55	18.20	300.00	1500.00	4.47	0.05	20.00	2.28	303.06	18.53	Clear	None	
16:00	18.20	300.00	1500.00	4.57	0.04	14.30	2.15	305.49	19.08	Clear	None	
16:05	18.20	300.00	1500.00	4.68	0.04	8.50	2.67	316.67	19.01	Clear	None	
16:10	18.20	300.00	1500.00	4.75	0.03	5.10	2.44	321.90	19.03	Clear	None	
16:15	18.20	300.00	1500.00	4.76	0.02	1.20	1.66	320.09	18.98	Clear	None	
16:20	18.20	300.00	1500.00	4.81	0.02	-2.60	1.43	325.79	19.11	Clear	No	
16:25	18.20	300.00	1500.00	4.91	0.02	-4.80	2.12	338.48	18.79	Clear	None	
16:30	18.20	300.00	1500.00	4.93	0.00	-7.70	2.26	336.43	19.04	Clear	None	

Screen Interval: --

Sampling Data

Purge Start Time: 15:10
Method: Low Flow Date: 05-17-2023 Time: 16:30 Total Volume Purged (mL): 24000
Field Filtered: No

Field Parameters

STABILIZED PARAMETERS	
pH	4.93
Spec. Cond.(µS/cm)	336.43
Turbidity (NTU)	2.26
Temp.(°C)	19.04
DO (mg/L)	0.00
ORP (mV)	-7.70

Sample ID: CAP2Q23-PIW-3D-051723
DuplicateID:
QA/QC:

WEATHER CONDITIONS	
Temperature (F):	84.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	8

RECORD OF WELL SAMPLING

Site Name: Chemours Fayetteville | Well ID: PIW-7D | Well Diameter: 2 Inches

Samplers: DEBORAH AYERS|ERIN JANIGA|SAIRA BOHAM | Event: Quarterly CAP | Project Manager: Tracy Ovbey

Purging Data

Pump Depth: 34

Pump Loc: within screen

Method: Peristaltic Pump | Date: 05-22-2023 | Time: 13:20

WATER VOLUME CALCULATION

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

Water Volume = 4.238

Initial Depth to Water (ft.): 10.59 | Depth to Well Bottom (ft.): 37.08

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			
13:55	10.60	180.00	1800.00	3.54	0.63	298.80	2.94	106.79	18.62	Clear	No	
14:00	10.60	180.00	900.00	3.46	0.56	318.90	2.34	106.54	18.57	Clear	No	
14:05	10.60	180.00	900.00	3.43	0.51	332.60	4.03	106.93	18.83	Clear	No	
14:10	10.60	180.00	900.00	3.44	0.51	337.90	4.32	106.89	18.75	Clear	No	

Screen Interval: 24.5 to 29.5

Sampling Data

Purge Start Time: 13:45

Method: Low Flow | Date: 05-22-2023 | Time: 14:10

Total Volume Purged (mL): 4500

Field Filtered: No

Field Parameters

STABILIZED PARAMETERS	
pH	3.44
Spec. Cond.(µS/cm)	106.89
Turbidity (NTU)	4.32
Temp.(°C)	18.75
DO (mg/L)	0.51
ORP (mV)	337.90

Sample ID: CAP2Q23-PIW-7D-052223

DuplicateID:

QA/QC:

WEATHER CONDITIONS	
Temperature (F):	81.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	10

RECORD OF WELL SAMPLING

Site Name: Chemours Fayetteville | Well ID: PIW-7S | Well Diameter: 2 Inches

Samplers: DEBORAH AYERS|ERIN JANIGA|SAIRA BOHAM | Event: Quarterly CAP | Project Manager: Tracy Ovbey

Purging Data

Pump Depth: 15

Pump Loc: within screen

Method: Peristaltic Pump | Date: 05-22-2023 | Time: 13:20

WATER VOLUME CALCULATION

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

Water Volume = 1.624

Initial Depth to Water (ft.): 10.25 | Depth to Well Bottom (ft.): 20.4

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			
13:50	10.83	245.00	1225.00	3.8	0.10	193.30	13.40	258.98	10.83	Clear	No	
14:10	10.85	245.00	4900.00	3.84	0.11	241.90	12.80	2477.00	18.67	Clear	No	
14:15	10.85	245.00	1225.00	4.37	0.10	216.50	12.30	214.39	19.20	Clear	No	
14:20	10.85	245.00	1225.00	4.37	0.09	215.50	7.48	214.70	19.06	Clear	No	
14:25	10.85	245.00	1225.00	4.52	0.10	197.40	8.39	147.02	18.63	Clear	No	
14:30	10.85	245.00	1225.00	4.57	0.11	191.20	10.10	141.84	18.85	Clear	No	
14:35	10.85	245.00	1225.00	4.66	0.12	180.60	6.22	139.39	18.90	Clear	No	
14:40	10.85	245.00	1225.00	4.84	0.11	146.40	9.66	112.70	18.67	Clear	No	
14:45	10.85	245.00	1225.00	4.78	0.12	155.50	6.08	113.73	18.38	Clear	No	
14:50	10.85	245.00	1225.00	4.99	0.10	126.00	4.56	112.26	18.64	Clear	No	
14:55	10.85	245.00	1225.00	5.02	0.11	118.40	5.59	113.41	18.44	Clear	No	
15:00	10.85	245.00	1225.00	5.17	0.09	105.20	4.21	112.96	18.52	Clear	No	
15:05	10.85	248.00	1240.00	5.19	0.10	99.90	4.74	111.79	18.60	Clear	No	
15:10	10.85	245.00	1225.00	5.24	0.09	88.20	4.19	114.13	18.49	Clear	No	
15:15	10.85	245.00	1225.00	5.47	0.19	69.10	3.79	117.49	18.14	Clear	No	
15:20	10.85	245.00	1225.00	5.45	0.10	69.20	3.15	116.54	18.26	Clear	No	
15:25	10.85	245.00	1225.00	5.45	0.09	69.20	3.07	116.76	18.15	Clear	No	
15:30	10.85	245.00	1225.00	5.47	0.07	67.20	2.78	115.70	17.91	Clear	No	

Screen Interval: 7.8 - 17.8

Sampling Data

Purge Start Time: 13:45

Method: Low Flow | Date: 05-22-2023 | Time: 15:30

Total Volume Purged (mL): 25740

Field Filtered: No

Field Parameters

STABILIZED PARAMETERS	
pH	5.47
Spec. Cond.(µS/cm)	115.70
Turbidity (NTU)	2.78
Temp.(°C)	17.91
DO (mg/L)	0.07
ORP (mV)	67.20

Sample ID: CAP2Q23-PIW-7S-052223

DuplicateID:

QA/QC:

WEATHER CONDITIONS	
Temperature (F):	81.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	10

RECORD OF WELL SAMPLING

Site Name: Chemours Fayetteville | Well ID: PW-04 | Well Diameter: 2 Inches

Samplers: DEBORAH AYERS|ERIN JANIGA|SAIRA BOHAM | Event: Quarterly CAP | Project Manager: Tracy Ovbey

Purging Data

Pump Depth: --

Pump Loc: bottom of well

Method: Bailer | Date: 05-22-2023 | Time: 09:50

WATER VOLUME CALCULATION

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

Water Volume = 0.29

Initial Depth to Water (ft.): 29 | Depth to Well Bottom (ft.): 30.81

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			
10:06	29.00		1225.00	3.3	0.02	341.40	3.01	639.87	21.34	Clear	None	
09:55			755.00	3.42	0.28	398.20	23.00	252.79	20.32	Cloudy	No	Could not get depth to water, bailer was at the bottom of the well
10:56	28.97		1065.00	3.76	1.31	317.20	852.00	954.42	19.88	Brown	No	
13:50	29.32		650.00	4.17	4.51	229.20	21.60	53.90	17.85	Clear	No	
09:20	28.98		0.00	5.14	0.00	98.60	7.67	1704.30	20.32	Clear	No	

Screen Interval: 56-66

Sampling Data

Purge Start Time: 10:06

Method: Five Well Volume | Date: 05-25-2023 | Time: 09:20 | Total Volume Purged (mL): 3695

Field Filtered: Yes

Field Parameters

STABILIZED PARAMETERS	
pH	5.14
Spec. Cond.(µS/cm)	1704.30
Turbidity (NTU)	7.67
Temp.(°C)	20.32
DO (mg/L)	0.00
ORP (mV)	98.60

Sample ID: CAP2Q23-PW-04-052523

DuplicateID: CAP2Q23-PW-04-052523-Z

QA/QC:

WEATHER CONDITIONS	
Temperature (F):	73.00
Sky:	Partly Sunny
Precipitation:	None
Wind (mph)	10

RECORD OF WELL SAMPLING

Site Name:	Chemours Fayetteville	Well ID:	PW-06	Well Diameter:	2 Inches
Samplers:	DEBORAH AYERS|KEN STUART	Event:	Quarterly CAP	Project Manager:	Tracy Ovbey

Purging Data

Pump Depth: 27
Pump Loc: within screen
Method: Peristaltic Pump Date: 05-19-2023 Time: 12:09

WATER VOLUME CALCULATION

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

Water Volume = 1.89

Initial Depth to Water (ft.): 20.84 Depth to Well Bottom (ft.): 32.65

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			
12:27	21.61	175.00	2450.00	4.54	5.92	231.90	15.60	47.51	17.86	Clear	No	
12:32	21.65	175.00	875.00	4.32	5.81	263.90	11.60	47.64	17.69	Clear	No	
12:37	21.66	175.00	875.00	4.32	5.82	266.80	10.90	47.76	17.70	Clear	No	
12:42	21.67	175.00	875.00	4.28	5.47	266.10	8.78	51.84	17.72	Clear	No	

Screen Interval: 35-45

Sampling Data

Purge Start Time: 12:13
Method: Low Flow Date: 05-19-2023 Time: 12:42 Total Volume Purged (mL): 5075
Field Filtered: No

Field Parameters

STABILIZED PARAMETERS	
pH	4.28
Spec. Cond.(µS/cm)	51.84
Turbidity (NTU)	8.78
Temp.(°C)	17.72
DO (mg/L)	5.47
ORP (mV)	266.10

Sample ID: CAP2Q23-PW-06-051923
DuplicateID:
QA/QC:

WEATHER CONDITIONS	
Temperature (F):	66.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	9

RECORD OF WELL SAMPLING

Site Name:	Chemours Fayetteville	Well ID:	PW-07	Well Diameter:	2 Inches
Samplers:	DEBORAH AYERS|KEN STUART	Event:	Quarterly CAP	Project Manager:	Tracy Ovbey

Purging Data

Pump Depth: ---
Pump Loc: --
Method: -- Date: 05-19-2023 Time: 11:37

WATER VOLUME CALCULATION

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

Water Volume = --

Initial Depth to Water (ft.): -- Depth to Well Bottom (ft.): 41.58

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			Well is Dry

Screen Interval: --

Sampling Data

Method: -- Date: -- Time: --
Field Filtered: --

Purge Start Time: --
Total Volume Purged (mL): --

Field Parameters

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

Sample ID: --
DuplicateID: --
QA/QC: --

WEATHER CONDITIONS	
Temperature (F):	64.00
Sky:	Cloudy
Precipitation:	None
Wind (mph)	10

RECORD OF WELL SAMPLING

Site Name:	Chemours Fayetteville	Well ID:	PW-09	Well Diameter:	2 Inches
Samplers:	DEBORAH AYERS|KEN STUART	Event:	Quarterly CAP	Project Manager:	Tracy Ovbey

Purging Data

Pump Depth:	52				
Pump Loc:	within screen				
Method:	Double valve pump	Date:	05-23-2023	Time:	13:25

WATER VOLUME CALCULATION

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

Water Volume =	5.115		
Initial Depth to Water (ft.):	25.54	Depth to Well Bottom (ft.):	57.51

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			
13:56	25.96	275.00	275.00	10.79	2.48	29.00	5.02	293.76	20.89	Clear	No	
14:01	26.92	275.00	1375.00	10.15	2.96	35.80	5.09	176.77	19.73	Clear	No	
14:06	26.98	100.00	500.00	10.1	2.77	43.50	5.01	192.28	21.03	Clear	No	
14:11	26.92	100.00	500.00	10.92	0.71	25.20	1.82	630.19	20.82	Clear	No	
14:16	26.92	100.00	500.00	11.02	0.58	5.90	2.52	598.64	20.84	Clear	No	
14:21	26.92	100.00	500.00	10.96	0.84	-6.70	14.00	406.12	21.28	Clear	No	
14:26	26.92	100.00	500.00	10.94	0.88	-11.30	18.50	359.85	21.14	Clear	No	
14:31	26.92	100.00	500.00	10.88	0.84	-14.70	22.20	307.96	21.09	Clear	No	
14:36	26.92	100.00	500.00	10.86	0.61	-17.10	23.10	287.68	20.80	Clear with particles	No	
14:41	26.92	100.00	500.00	10.74	0.56	-18.90	25.70	251.36	20.94	Clear with particles	Yes	
14:46	26.92	100.00	500.00	10.58	0.55	-21.80	29.20	214.53	21.40	Clear with particles	Yes	
14:51	26.92	100.00	500.00	10.51	0.57	-23.40	31.40	206.52	21.54	Clear with particles	No	
14:56	26.92	100.00	500.00	10.21	0.66	-24.20	37.50	178.44	21.52	Clear with particles	No	
15:01	26.92	100.00	500.00	10.1	0.67	-24.50	38.50	167.98	20.98	Clear with particles	No	
15:06	26.92	100.00	500.00	10.05	0.62	-26.30	38.30	166.18	20.69	Clear with particles	No	
15:11	26.92	100.00	500.00	9.94	0.57	-29.70	36.50	150.66	20.99	Clear with particles	No	
15:16	26.92	100.00	500.00	9.87	0.52	-33.20	36.90	151.62	20.85	Clear with particles	No	
15:21	26.92	100.00	500.00	9.83	0.43	-35.40	36.60	150.85	20.40	Clear	No	
15:26	26.92	100.00	500.00	9.81	0.43	-37.00		147.64	20.08			Missed NTU Data
15:31	26.92	100.00	500.00	9.65	0.40	-39.10	35.70	139.78	20.38	Clear	No	
15:36	26.92	100.00	500.00	9.58	0.42	-42.70	36.50	137.76	20.85	Clear	No	
15:41	26.92	100.00	500.00	9.48	0.31	-44.90	35.70	131.96	20.39	Clear	No	
15:46	26.92	100.00	500.00	9.44	0.30	-45.50	35.20	129.91	20.36	Clear	Yes	
15:51	26.92	100.00	500.00	9.31	0.30	-48.50	35.40	126.28	20.29	Clear	No	
15:56	26.92	100.00	500.00	9.21	0.40	-51.20	35.80	125.27	22.01	Clear	No	
16:01	26.92	100.00	500.00	9.25	0.40	-51.50	38.50	123.44	21.32	Clear	No	
16:11	29.10	552.00	5520.00	9.14	4.07	-14.20		99.34	18.12			Missed NTU Data, Switched to pumping 5 well volumes
16:16	31.48	552.00	2760.00	8.67	2.92	-40.30	28.80	92.94	18.00	Clear	No	
16:21	32.39	552.00	2760.00	8.55	2.05	-45.20	59.50	85.66	18.18	Slightly hazy	No	
16:26	33.08	552.00	2760.00	7.64	1.37	-74.90	66.10	81.79	18.18	Slightly hazy	No	
16:31	33.28	552.00	2760.00	7.41	1.01	-85.30	72.30	76.99	18.06	Slightly hazy with particles	No	
16:36	33.62	552.00	2760.00	7.22	0.80	-92.70	55.00	79.79	18.11	Slightly hazy	No	
16:41		552.00	2760.00	7.08	0.68	-101.30	55.30	73.13	18.18	Slightly hazy	No	
16:46	33.94	552.00	2760.00	6.93	0.58	-102.00	53.50	75.94	18.06	Slightly hazy	No	
16:51	33.89	552.00	2760.00	6.81	0.48	-102.80	51.30	74.77	18.07	Slightly hazy	No	
16:56	33.93	552.00	2760.00	6.8	0.41	-102.90	48.30	73.60	18.16	Slightly hazy	No	
17:03	33.89	552.00	3864.00	6.71	0.30	-103.80	50.00	69.67	18.02	Slightly hazy	No	Stopped purge for the day

Screen Interval: 11 - 21

Sampling Data

Method:	--	Date:	--	Time:	--	Purge Start Time:	13:55
Field Filtered:	--					Total Volume Purged (mL):	47874

Field Parameters

STABILIZED PARAMETERS	
pH	--

Sample ID: --

DuplicateID:

WEATHER CONDITIONS	
Temperature (F):	75.00

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

QA/QC:

Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	10

RECORD OF WELL SAMPLING

Site Name: Chemours Fayetteville | Well ID: PW-09 | Well Diameter: 2 Inches

Samplers: DEBORAH AYERS|ERIN JANIGA | Event: Quarterly CAP | Project Manager: Tracy Ovbey

Purging Data

Pump Depth: 52

Pump Loc: within screen

Method: Double valve pump | Date: 05-24-2023 | Time: 09:40

WATER VOLUME CALCULATION

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

Water Volume = 5.115

Initial Depth to Water (ft.): 25.54 | Depth to Well Bottom (ft.): 57.51

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			
09:50	29.79	552.00	2760.00	8.04	1.98	57.90	38.20	121.92	17.54	Hazy	No	Continuing from yesterday (5/23)
09:55	30.71	552.00	2760.00	8.68	1.68	48.60	40.50	120.61	17.51	Hazy	No	
10:00	31.95	552.00	2760.00	8.15	1.24	-14.90	61.10	109.21	17.49	Hazy	No	
10:05	32.95	552.00	2760.00	7.08	1.01	-57.90	55.30	97.80	17.54	Hazy	No	
10:10	33.03	552.00	2760.00	6.81	0.77	-63.00	48.70	94.46	17.55	Hazy	No	
10:15	33.32	552.00	2760.00	6.85	0.77	-64.80	45.10	94.46	17.55	Hazy	No	
10:20	33.61	552.00	2760.00	6.6	0.52	-69.50	45.40	89.08	17.54	Hazy	No	
10:25	33.70	552.00	2760.00	6.5	0.45	-67.80	40.70	87.19	17.55	Hazy	No	
10:30	33.70	552.00	2760.00	6.44	0.42	-66.80	40.60	86.24	17.56	Hazy	No	
10:35	33.70	552.00	2760.00	6.4	0.33	-67.10	40.50	85.33	17.56	Hazy	No	
10:40	33.85	552.00	2760.00	6.38	0.35	-66.90	39.60	84.20	17.60	Hazy	No	
10:45	33.80	552.00	2760.00	6.45	0.34	-72.40	36.50	83.78	17.57	Slightly hazy	No	
10:50	33.82	552.00	2760.00	6.41	0.29	-71.00	35.80	82.86	17.63	Slightly hazy	No	
10:55	33.82	552.00	2760.00	6.33	0.30	-66.20	33.20	82.56	17.59	Slightly hazy	No	
11:00	33.85	552.00	2760.00	6.34	0.28	-69.70	34.40	82.04	17.63	Slightly hazy	No	
11:05	33.85	552.00	2760.00	6.32	0.25	-66.30	32.30	81.18	17.64	Slightly hazy	No	
11:10	33.95	552.00	2760.00	6.35	0.26	-69.20	31.90	81.04	17.66	Slightly hazy	No	
11:15	33.95	552.00	2760.00	6.28	0.29	-65.10	31.20	80.81	17.70	Slightly hazy	No	

Screen Interval: 11 - 21

Sampling Data

Method: Five Well Volume | Date: 05-24-2023 | Time: 11:15

Field Filtered: Yes

Purge Start Time: 09:45

Total Volume Purged (mL): 49680

Field Parameters

STABILIZED PARAMETERS	
pH	6.28
Spec. Cond.(µS/cm)	80.81
Turbidity (NTU)	31.20
Temp.(°C)	17.70
DO (mg/L)	0.29
ORP (mV)	-65.10

Sample ID: CAP2Q23-PW-09-052423

DuplicateID: CAP2Q23-PW-09-052423-Z

QA/QC:

WEATHER CONDITIONS	
Temperature (F):	68.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	12

RECORD OF WELL SAMPLING

Site Name:	Chemours Fayetteville	Well ID:	PZ-22	Well Diameter:	1 Inches
Samplers:	ERIN JANIGA|SAIRA BOHAM	Event:	Quarterly CAP	Project Manager:	Tracy Ovbey

Purging Data

Pump Depth: 40
Pump Loc: within screen
Method: Peristaltic Pump Date: 05-23-2023 Time: 14:05

WATER VOLUME CALCULATION

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

Water Volume = 1.57

Initial Depth to Water (ft.): 12.48 Depth to Well Bottom (ft.): 50.78

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			
14:10	12.48	200.00	200.00	4.46	0.44	331.10	58.30	106.99	19.88	Cloudy	No	
14:15	12.48	200.00	1000.00	4.66	0.19	242.40	62.10	103.30	19.78	Cloudy	No	
14:20	12.48	200.00	1000.00	4.64	0.16	224.60	33.10	103.16	20.06	Cloudy	No	
14:25	12.48	200.00	1000.00	4.62	0.13	220.20	16.70	103.04	19.87	Clear	No	
14:30	12.48	200.00	1000.00	4.62	0.12	218.90	10.60	102.85	19.85	Clear	No	
14:35	12.48	200.00	1000.00	4.61	0.11	218.30	8.86	102.89	19.74	Clear	No	
14:40	12.48	200.00	1000.00	4.61	0.10	218.20	7.45	102.86	20.06	Clear	No	

Screen Interval: 10.2-15.2

Sampling Data

Purge Start Time: 14:09
Method: Low Flow Date: 05-23-2023 Time: 14:40 Total Volume Purged (mL): 6200
Field Filtered: No

Field Parameters

STABILIZED PARAMETERS	
pH	4.61
Spec. Cond.(µS/cm)	102.86
Turbidity (NTU)	7.45
Temp.(°C)	20.06
DO (mg/L)	0.10
ORP (mV)	218.20

Sample ID: CAP2Q23-PZ-22-052323
DuplicateID:
QA/QC:

WEATHER CONDITIONS	
Temperature (F):	79.00
Sky:	Partly Cloudy
Precipitation:	None
Wind (mph)	6

RECORD OF WELL SAMPLING

Site Name: Chemours Fayetteville | Well ID: SMW-10 | Well Diameter: 2 Inches

Samplers: DEBORAH AYERS|KEN STUART | Event: Quarterly CAP | Project Manager: Tracy Ovbey

Purging Data

Pump Depth: 47

Pump Loc: within screen

Method: Double valve pump | Date: 05-17-2023 | Time: 15:18

WATER VOLUME CALCULATION

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

Water Volume = 3.515

Initial Depth to Water (ft.): 29.88 | Depth to Well Bottom (ft.): 51.85

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			
15:20	29.89	275.00	0.00	5.53	0.84	166.30	48.20	19520.00	21.06	Clear	No	
15:25	29.89	275.00	1375.00	5.1	0.24	120.00	43.10	20012.00	20.26	Clear	No	
15:30	29.89	275.00	1375.00	5.19	0.23	91.40	35.40	19758.00	19.91	Clear	No	
15:35	29.89	275.00	1375.00	5.08	0.29	73.20	26.40	19771.00	20.04	Clear	No	
15:40	29.89	275.00	1375.00	5.06	0.32	61.30	19.50	19642.00	19.91	Clear	No	
15:45	29.89	275.00	1375.00	5.01	0.37	53.70	18.30	19593.00	20.16	Clear	No	
15:50	29.89	275.00	1375.00	5.06	0.37	35.50	17.80	19559.00	20.45	Clear	No	

Screen Interval: 45.0-60.0

Sampling Data

Purge Start Time: 15:20

Method: Low Flow | Date: 05-17-2023 | Time: 15:50

Total Volume Purged (mL): 8250

Field Filtered: No

Field Parameters

STABILIZED PARAMETERS	
pH	5.06
Spec. Cond.(µS/cm)	19559.00
Turbidity (NTU)	17.80
Temp.(°C)	20.45
DO (mg/L)	0.37
ORP (mV)	35.50

Sample ID: CAP2Q23-SMW-10-051723

DuplicateID:

QA/QC:

WEATHER CONDITIONS	
Temperature (F):	84.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	13

RECORD OF WELL SAMPLING

Site Name:	Chemours Fayetteville	Well ID:	SMW-11	Well Diameter:	2 Inches
Samplers:	DEBORAH AYERS|ERIN JANIGA	Event:	Quarterly CAP	Project Manager:	Tracy Ovbey

Purging Data

Pump Depth: 20
Pump Loc: within screen
Method: Peristaltic Pump Date: 05-24-2023 Time: 11:50

WATER VOLUME CALCULATION

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

Water Volume = 1.67

Initial Depth to Water (ft.): 15.36 Depth to Well Bottom (ft.): 25.8

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			
12:05	15.45	200.00	1000.00	4.22	4.80	185.40	5.15	53.47	18.10	Clear	No	
12:10	15.45	200.00	1000.00	4.13	5.17	208.50	1.91	53.70	18.00	Clear	No	
12:15	15.45	200.00	1000.00	4.16	4.60	217.20	1.15	53.88	17.89	Clear	No	
12:20	15.45	200.00	1000.00	4.16	4.55	224.40	0.88	53.84	17.92	Clear	No	
12:25	15.45	200.00	1000.00	4.17	4.51	229.20	0.90	53.90	17.85	Clear	No	

Screen Interval: 12.0-22.0

Sampling Data

Method: Low Flow Date: 05-24-2023 Time: 12:25
Field Filtered: No
Purge Start Time: 12:00
Total Volume Purged (mL): 5000

Field Parameters

STABILIZED PARAMETERS	
pH	4.17
Spec. Cond.(µS/cm)	53.90
Turbidity (NTU)	0.90
Temp.(°C)	17.85
DO (mg/L)	4.51
ORP (mV)	229.20

Sample ID: CAP2Q23-SMW-11-052423
DuplicateID:
QA/QC:

WEATHER CONDITIONS	
Temperature (F):	72.00
Sky:	Partly Sunny
Precipitation:	None
Wind (mph)	11

RECORD OF WELL SAMPLING

Site Name: Chemours Fayetteville | Well ID: SMW-12 | Well Diameter: 2 Inches

Samplers: DEBORAH AYERS|KEN STUART | Event: Quarterly CAP | Project Manager: Tracy Ovbey

Purging Data

Pump Depth: 97

Pump Loc: within screen

Method: Double valve pump | Date: 05-17-2023 | Time: 12:22

WATER VOLUME CALCULATION

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

Water Volume = 2.016

Initial Depth to Water (ft.): 89.2 | Depth to Well Bottom (ft.): 101.8

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			
12:27	89.20	250.00	0.00	3.48	0.35	311.10	14.70	62968.00	18.69	Clear	Slight odor	
12:32	89.00	250.00	1250.00	3.5	1.24	311.60	11.60	62933.00	18.75	Clear	Slight odor	
12:37	89.00	250.00	1250.00	3.5	1.56	318.10	6.51	62260.00	18.46	Clear	Slight odor	
12:42	89.98	250.00	1250.00	3.51	1.62	318.90	5.60	62232.00	18.56	Clear	Slight odor	
12:47	89.99	250.00	1250.00	3.52	1.61	321.70	5.29	62612.00	18.52	Clear	Slight odor	

Screen Interval: 58 to 68

Sampling Data

Method: Low Flow | Date: 05-17-2023 | Time: 12:47

Field Filtered: No

Purge Start Time: 12:27

Total Volume Purged (mL): 5000

Field Parameters

STABILIZED PARAMETERS	
pH	3.52
Spec. Cond.(µS/cm)	62612.00
Turbidity (NTU)	5.29
Temp.(°C)	18.52
DO (mg/L)	1.61
ORP (mV)	321.70

Sample ID: CAP2Q23-SMW-12-051723

DuplicateID: CAP2Q23-SMW-12-051723-D

QA/QC: Dup|MS|MSD

WEATHER CONDITIONS	
Temperature (F):	80.00
Sky:	Sunny
Precipitation:	None
Wind (mph)	13

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
NC License No.: C-3500 and C-295

Appendix D

Laboratory Reports and DVM Report

ADQM Data Review

Site: Chemours Fayetteville

Project: Tarheel Sampling 2Q23 (updated)

Project Reviewer: Michael Aucoin

Sample Summary

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
CFR-TARHEEL-24-040323	320-98715-2	Surface Water	N	04/03/2023	23:01	FS
CFR-TARHEEL-24-040623	320-98715-3	Surface Water	N	04/06/2023	23:01	FS
CFR-TARHEEL-18-040823	320-98947-1	Surface Water	N	04/08/2023	17:01	FS
CFR-TARHEEL-041023	320-98947-2	Surface Water	N	04/10/2023	13:05	FS
CFR-TARHEEL-041123	320-98947-3	Surface Water	N	04/11/2023	16:30	FS
CFR-TARHEEL-041323	320-98947-4	Surface Water	N	04/13/2023	12:49	FS
CFR-TARHEEL-24-041723	320-99181-1	Surface Water	N	04/17/2023	23:01	FS
CFR-TARHEEL-24-041723-D	320-99181-2	Surface Water	N	04/17/2023	23:01	DUP
CFR-TARHEEL-24-042023	320-99660-1	Surface Water	N	04/20/2023	23:01	FS
CFR-TARHEEL-24-042423	320-99660-2	Surface Water	N	04/24/2023	23:01	FS
CFR-TARHEEL-24-042723	320-99885-1	Surface Water	N	04/27/2023	23:01	FS
CFR-TARHEEL-24-050123	320-99885-2	Surface Water	N	05/01/2023	23:01	FS
CFR-TARHEEL-24-050423	320-100275-1	Surface Water	N	05/04/2023	23:01	FS
CFR-TARHEEL-24-050823	320-100275-2	Surface Water	N	05/08/2023	23:01	FS
CFR-TARHEEL-24-050823-D	320-100275-3	Surface Water	N	05/08/2023	23:01	DUP
CFR-TARHEEL-24-051123	320-100608-1	Surface Water	N	05/11/2023	23:01	FS
CFR-TARHEEL-24-051523	320-100608-2	Surface Water	N	05/15/2023	23:01	FS
CFR-TARHEEL-24-051823	320-100783-1	Surface Water	N	05/18/2023	23:01	FS
CFR-TARHEEL-24-052223	320-100783-2	Surface Water	N	05/22/2023	23:01	FS
CFR-TARHEEL-24-052523	320-100993-1	Surface Water	N	05/25/2023	23:01	FS
CFR-TARHEEL-24-052923	320-100993-2	Surface Water	N	05/29/2023	23:01	FS
CFR-TARHEEL-24-060223	320-101275-1	Surface Water	N	06/02/2023	23:01	FS
CFR-TARHEEL-060623	320-101275-2	Surface Water	N	06/06/2023	13:55	FS
CFR-TARHEEL-24-060923	320-101516-1	Surface Water	N	06/09/2023	23:01	FS
CFR-TARHEEL-24-061223	320-101516-2	Surface Water	N	06/12/2023	23:01	FS
CFR-TARHEEL-24-061223-D	320-101516-3	Surface Water	N	06/12/2023	23:01	DUP
CFR-TARHEEL-24-061523	320-101796-1	Surface Water	N	06/15/2023	23:01	FS
CFR-TARHEEL-24-061923	320-101796-2	Surface Water	N	06/19/2023	23:01	FS
CFR-TARHEEL-24-062223	320-102143-1	Surface Water	N	06/22/2023	23:01	FS
CFR-TARHEEL-24-062623	320-102143-2	Surface Water	N	06/26/2023	23:01	FS

CFR-TARHEEL-24-062923	320-102369-1	Surface Water	N	06/29/2023	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	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	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	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		
F	Were all data usable and not R qualified?	X				
ER#	**Description**					
Other QA/QC Items to Note:						

* 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

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:** Tarheel Sampling **Validation Options:** LABSTATS

Validation Reason Code: The analysis hold time for this sample was exceeded. The reporting limit 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
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	NVHOS, Acid Form	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Tarheel Sampling **Validation Options:** LABSTATS

Validation Reason Code: The analysis hold time for this sample was exceeded. The reporting limit 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
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	NVHOS, Acid Form	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Tarheel Sampling **Validation Options:** LABSTATS

Validation Reason Code: The analysis hold time for this sample was exceeded. The reporting limit 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
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	NVHOS, Acid Form	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Tarheel Sampling **Validation Options:** LABSTATS

Validation Reason Code: Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit. The actual detection limits may be higher than reported.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CFR-TARHEEL-24-041723	04/17/2023	320-99181-1	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-050823	05/08/2023	320-100275-2	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-050823	05/08/2023	320-100275-2	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-050823	05/08/2023	320-100275-2	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 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-24-061223	06/12/2023	320-101516-2	Hydrolyzed PSDA	0.0021	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Tarheel Sampling **Validation Options:** LABSTATS

Validation Reason Code: High relative percent difference (RPD) observed between field duplicate and parent sample. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CFR-TARHEEL-24-061223	06/12/2023	320-101516-2	PFO2HxA	0.0084	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-061223-D	06/12/2023	320-101516-3	PFO2HxA	0.0059	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Tarheel Sampling **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
CFR-TARHEEL-24-060223	06/02/2023	320-101275-1	R-PSDA	0.0040	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-060923	06/09/2023	320-101516-1	R-PSDA	0.0021	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-061923	06/19/2023	320-101796-2	R-PSDA	0.0026	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-070523	07/05/2023	320-102369-2	R-PSDA	0.0022	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-060623	06/06/2023	320-101275-2	R-PSDA	0.0054	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-060623	06/06/2023	320-101275-2	Hydrolyzed PSDA	0.0024	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Tarheel Sampling **Validation Options:** LABSTATS

Validation Reason Code: The analysis hold time for this sample was exceeded. 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
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	PFMOAA	0.014	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	Perfluoroheptanoic Acid	0.0033	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	PFO2HxA	0.0082	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	R-PSDA	0.0020	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	PFMOAA	0.0091	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	PMPA	0.011	UG/L	PQL		0.010	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052923	05/29/2023	320-100993-2	Hfpo Dimer Acid	0.010	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	Perfluoroheptanoic Acid	0.0032	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	PFO2HxA	0.0048	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-052523	05/25/2023	320-100993-1	Hfpo Dimer Acid	0.0041	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	PFMOAA	0.0059	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	Hfpo Dimer Acid	0.0040	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	Perfluoroheptanoic Acid	0.0021	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CFR-TARHEEL-24-051123	05/11/2023	320-100608-1	PFO2HxA	0.0031	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

ADQM Data Review

Site:Chemours Fayetteville

Project: CAP GW Sampling 2Q23 (updated)

Project Reviewer: Michael Aucoin

Sample Summary

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
CAP2Q23-BLADEN-1DR-051923	320-100603-1	Groundwater	N	05/19/2023	11:16	FS
CAP2Q23-PW-06-051923	320-100603-2	Groundwater	N	05/19/2023	12:42	FS
CAP2Q23-SMW-10-051723	320-100611-1	Groundwater	N	05/17/2023	15:50	FS
CAP2Q23-OW-33-051823	320-100611-2	Groundwater	N	05/18/2023	11:15	FS
CAP2Q23-SMW-12-051723	320-100611-3	Groundwater	N	05/17/2023	12:47	FS
CAP2Q23-SMW-12-051723-D	320-100611-4	Groundwater	N	05/17/2023	12:47	DUP
CAP2Q23-LTW-02-051723	320-100611-5	Groundwater	N	05/17/2023	13:25	FS
CAP2Q23-EQBLK-IS-051723	320-100611-6	Blank Water	N	05/17/2023	09:30	EB
CAP2Q23-PIW-3D-051723	320-100611-7	Groundwater	N	05/17/2023	16:30	FS
CAP2Q23-LTW-01-051723	320-100611-8	Groundwater	N	05/17/2023	14:35	FS
CAP2Q23-EQBLK-DV-051723	320-100611-9	Blank Water	N	05/17/2023	09:45	EB
CAP2Q23-LTW-05-052223	320-100782-1	Groundwater	N	05/22/2023	12:57	FS
CAP2Q23-PIW-7S-052223	320-100782-2	Groundwater	N	05/22/2023	15:30	FS
CAP2Q23-PIW-7D-052223	320-100782-3	Groundwater	N	05/22/2023	14:10	FS
CAP2Q23-PIW-1D-052323	320-100782-4	Groundwater	N	05/23/2023	16:00	FS
CAP2Q23-LTW-03-052323	320-100782-5	Groundwater	N	05/23/2023	11:30	FS
CAP2Q23-PZ-22-052323	320-100782-6	Groundwater	N	05/23/2023	14:40	FS
CAP2Q23-LTW-04-052323	320-100782-7	Groundwater	N	05/23/2023	13:45	FS
CAP2Q23-PW-09-052423	320-100784-1	Groundwater	N	05/24/2023	11:15	FS
CAP2Q23-PW-09-052423-Z	320-100784-2	Groundwater	Y	05/24/2023	11:15	FS
CAP2Q23-SMW-11-052423	320-100784-3	Groundwater	N	05/24/2023	12:25	FS
CAP2Q23-EQBLK-DV-052423-Z	320-100784-4	Blank Water	Y	05/24/2023	16:00	EB
CAP2Q23-PW-04-052523	320-100881-1	Groundwater	N	05/25/2023	09:20	FS
CAP2Q23-OW-28-052523	320-100881-2	Groundwater	N	05/25/2023	11:35	FS
CAP2Q23-PW-04-052523-Z	320-100881-3	Groundwater	Y	05/25/2023	09:20	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 GW Sampling 2Q23
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP GW Sampling 2Q23

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		
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		
F	Were all data usable and not R qualified?	X				
ER#	**Description**					
Other QA/QC Items to Note:						

* 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

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 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The analysis hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Hfpo Dimer Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	R-PSDCA	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PS Acid	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	EVE Acid	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PFO5DA	0.078	ug/L	PQL		0.078	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	R-PSDCA	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PS Acid	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	EVE Acid	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	Hfpo Dimer Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The analysis hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	PFO2HxA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	NVHOS, Acid Form	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	Hfpo Dimer Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The analysis hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	PFO2HxA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	NVHOS, Acid Form	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PFO5DA	0.078	ug/L	PQL		0.078	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	R-PSDCA	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PS Acid	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	EVE Acid	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFO5DA	0.078	ug/L	PQL		0.078	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	PFOS	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluoropentanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorohexanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorobutanoic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluoroheptanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	11Cl-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-052423-Z	05/24/2023	320-100784-4	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	PFOS	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluoropentanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorohexanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorobutanoic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluoroheptanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	11Cl-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	11Cl-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	PFOS	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	11Cl-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	PFOS	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	11Cl-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	11Cl-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-PW-09-052423	05/24/2023	320-100784-1	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PW-09-052423-Z	05/24/2023	320-100784-2	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluoropentanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorohexanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorobutanoic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluoroheptanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	11Cl-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-11-052423	05/24/2023	320-100784-3	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluoroheptanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	11Cl-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	PFOS	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluoroheptanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	11Cl-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: High relative percent difference (RPD) observed between field duplicate and parent sample. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	PFOS	0.017	UG/L	PQL		0.0020	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **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
CAP2Q23-PW-04-052523	05/25/2023	320-100881-1	R-PSDA	0.15	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-04-052523	05/25/2023	320-100881-1	R-EVE	0.086	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-04-052523-Z	05/25/2023	320-100881-3	R-PSDA	0.086	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-SMW-11-052423	05/24/2023	320-100784-3	R-PSDA	0.14	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-SMW-11-052423	05/24/2023	320-100784-3	Hydrolyzed PSDA	0.051	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-SMW-11-052423	05/24/2023	320-100784-3	R-EVE	0.10	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PZ-22-052323	05/23/2023	320-100782-6	R-PSDA	0.56	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PZ-22-052323	05/23/2023	320-100782-6	Hydrolyzed PSDA	1.0	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PZ-22-052323	05/23/2023	320-100782-6	R-EVE	0.43	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-1D-052323	05/23/2023	320-100782-4	R-PSDA	0.38	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-1D-052323	05/23/2023	320-100782-4	R-EVE	0.20	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-OW-28-052523	05/25/2023	320-100881-2	R-PSDA	0.31	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-OW-28-052523	05/25/2023	320-100881-2	R-EVE	0.18	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-03-052323	05/23/2023	320-100782-5	R-PSDA	0.95	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-03-052323	05/23/2023	320-100782-5	Hydrolyzed PSDA	5.8	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-03-052323	05/23/2023	320-100782-5	R-EVE	0.43	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-04-052323	05/23/2023	320-100782-7	R-PSDA	1.7	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-04-052323	05/23/2023	320-100782-7	Hydrolyzed PSDA	2.3	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-04-052323	05/23/2023	320-100782-7	R-EVE	1.5	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-BLADEN-1DR-051923	05/19/2023	320-100603-1	R-PSDA	0.011	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-BLADEN-1DR-051923	05/19/2023	320-100603-1	R-EVE	0.0046	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Hydrolyzed PSDA	0.69	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	R-EVE	0.58	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **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
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFOS	0.0054	UG/L	PQL		0.0020	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The analysis hold time for this sample was exceeded. 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
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFMOAA	16	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	Hydro-PS Acid	0.27	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	Hydro-EVE Acid	0.46	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	NVHOS, Acid Form	0.63	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFO2HxA	12	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFO3OA	3.8	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFO4DA	0.44	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	R-EVE	1.0	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PEPA	3.3	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PFMOAA	130	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	R-PSDA	0.96	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	Hydrolyzed PSDA	0.063	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PMPA	7.9	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	Hfpo Dimer Acid	12	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	Hydro-PS Acid	0.098	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	Hydro-EVE Acid	0.33	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	NVHOS, Acid Form	0.99	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PFO2HxA	37	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PFO3OA	5.9	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PFO4DA	1.1	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	R-EVE	0.55	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PEPA	0.95	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	R-PSDA	0.47	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The analysis hold time for this sample was exceeded. 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
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	Hydrolyzed PSDA	0.74	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PMPA	4.5	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	Hfpo Dimer Acid	8.8	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PFMOAA	130	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	Hydro-PS Acid	0.19	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	Hydro-EVE Acid	0.72	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	NVHOS, Acid Form	1.3	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PFO2HxA	48	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PFO3OA	11	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PFO4DA	2.1	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	R-EVE	0.76	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PEPA	0.53	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	R-PSDA	0.67	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	Hydrolyzed PSDA	1.1	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PMPA	4.6	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	Hfpo Dimer Acid	19	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded. 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
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorobutanoic Acid	0.025	UG/L	PQL		0.0050	J	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorohexanoic Acid	0.0025	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorobutanoic Acid	0.025	UG/L	PQL		0.0050	J	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorohexanoic Acid	0.0025	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluoropentanoic Acid	0.065	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluoropentanoic Acid	0.062	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	PFOS	0.024	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorononanoic Acid	0.0048	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	PFOA	0.043	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorohexane Sulfonic Acid	0.0035	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorobutanoic Acid	0.073	UG/L	PQL		0.0050	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorobutane Sulfonic Acid	0.0021	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluoroheptanoic Acid	0.032	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorohexanoic Acid	0.014	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluoropentanoic Acid	0.15	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	PFOS	0.014	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluoroheptanoic Acid	0.0076	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	PFOA	0.0022	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorobutanoic Acid	0.060	UG/L	PQL		0.0050	J	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorohexanoic Acid	0.010	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluoropentanoic Acid	0.12	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluoroheptanoic Acid	0.011	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorobutanoic Acid	0.061	UG/L	PQL		0.0050	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded. 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
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorohexanoic Acid	0.0084	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorononanoic Acid	0.0023	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	PFOA	0.049	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluoropentanoic Acid	0.19	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorohexane Sulfonic Acid	0.0063	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorobutanoic Acid	0.11	UG/L	PQL		0.0050	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorobutane Sulfonic Acid	0.0047	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluoroheptanoic Acid	0.048	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorohexanoic Acid	0.023	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluoropentanoic Acid	0.25	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	PFOS	0.022	UG/L	PQL		0.0020	J	537 Modified		3535

ADQM Data Review

Site:Chemours Fayetteville

Project: CAP SW Sampling 2Q23 (updated)

Project Reviewer: Michael Aucoin

Sample Summary

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
CAP2Q23-CFR-TARHEEL-051123	320-100312-1	Surface Water	N	05/11/2023	17:20	FS
CAP2Q23-CFR-BLADEN-051123	320-100312-2	Surface Water	N	05/11/2023	17:00	FS
CAP2Q23-WC-1-24-051223	320-100312-3	Surface Water	N	05/12/2023	07:00	FS
CAP2Q23-WC-2-24-051223	320-100312-4	Surface Water	N	05/12/2023	07:00	FS
CAP2Q23-WC-3-24-051223	320-100312-5	Surface Water	N	05/12/2023	09:08	FS
CAP2Q23-CFR-RM-76-051123	320-100313-1	Surface Water	N	05/11/2023	12:00	FS
CAP2Q23-GBC-1-051123	320-100313-2	Surface Water	N	05/11/2023	16:15	FS
CAP2Q23-OLDOF-1-24-051223	320-100313-3	Surface Water	N	05/12/2023	12:57	FS
CAP2Q23-OUTFALL-002A-24-051123	320-100313-4	Surface Water	N	05/12/2023	07:56	FS
OUTFALL-002A-24-051123-D	320-100313-5	Surface Water	N	05/12/2023	07:56	DUP
RIVER-WATER-INTAKE2-24-051223	320-100313-6	Surface Water	N	05/12/2023	11:22	FS
CAP2Q23-LOCK-DAM-SEEP-051123	320-100313-7	Surface Water	N	05/11/2023	14:30	FS
CAP2Q23-SEEP-A-EFF-24-051623	320-100446-1	Surface Water	N	05/16/2023	13:58	FS
CAP2Q23-SEEP-D-EFF-24-051623	320-100446-2	Surface Water	N	05/16/2023	12:35	FS
CAP2Q23-CFR-KINGS-051623	320-100446-3	Surface Water	N	05/16/2023	14:05	FS
CAP2Q23-CFR-TARHEEL-24-051223	320-100446-4	Surface Water	N	05/12/2023	15:30	FS
CAP2Q23-EBLK-PP-051623	320-100446-5	Blank Water	N	05/16/2023	14:25	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 2Q23
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP SW Sampling 2Q23

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		
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		
F	Were all data usable and not R qualified?	X				
ER#	**Description**					
Other QA/QC Items to Note:						

* 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

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 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The analysis hold time for this sample was exceeded. The reporting limit 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
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	NVHOS, Acid Form	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-EBLK-PP-051623	05/16/2023	320-100446-5	Hfpo Dimer Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** CAP SW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit. The actual detection limits may be higher than reported.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-CFR-KINGS-051623	05/16/2023	320-100446-3	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-KINGS-051623	05/16/2023	320-100446-3	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-SEEP-D-EFF-24-051623	05/16/2023	320-100446-2	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OUTFALL-002A-24-051123	05/12/2023	320-100313-4	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-OUTFALL-002A-24-051123	05/12/2023	320-100313-4	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-CFR-KINGS-051623	05/16/2023	320-100446-3	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** CAP SW Sampling 2Q23 **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
CAP2Q23-OUTFALL-002A-24-051123	05/12/2023	320-100313-4	R-PSDA	0.0065	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-OUTFALL-002A-24-051123	05/12/2023	320-100313-4	Hydrolyzed PSDA	0.0069	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** CAP SW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: High relative percent difference (RPD) observed between field duplicate and parent sample. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OUTFALL-002A-24-051123-D	05/12/2023	320-100313-5	Perfluoro(2-ethoxyethane)sulfonic	0.029	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OUTFALL-002A-24-051123-D	05/12/2023	320-100313-5	Hfpo Dimer Acid	0.051	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OUTFALL-002A-24-051123-D	05/12/2023	320-100313-5	PFECA B	0.035	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OUTFALL-002A-24-051123-D	05/12/2023	320-100313-5	PFO4DA	0.26	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-OUTFALL-002A-24-051123	05/12/2023	320-100313-4	Hfpo Dimer Acid	0.024	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-OUTFALL-002A-24-051123	05/12/2023	320-100313-4	PFO4DA	0.0045	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** CAP SW Sampling 2Q23 **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
CAP2Q23-CFR-KINGS-051623	05/16/2023	320-100446-3	R-EVE	0.0020	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-SEEP-A-EFF-24-051623	05/16/2023	320-100446-1	R-PSDA	0.0026	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-SEEP-A-EFF-24-051623	05/16/2023	320-100446-1	Hydrolyzed PSDA	0.017	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-1-24-051223	05/12/2023	320-100312-3	R-PSDA	0.086	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-1-24-051223	05/12/2023	320-100312-3	Hydrolyzed PSDA	0.38	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-1-24-051223	05/12/2023	320-100312-3	R-EVE	0.038	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-2-24-051223	05/12/2023	320-100312-4	R-PSDA	0.049	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-2-24-051223	05/12/2023	320-100312-4	Hydrolyzed PSDA	0.044	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-2-24-051223	05/12/2023	320-100312-4	R-EVE	0.028	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-3-24-051223	05/12/2023	320-100312-5	R-PSDA	0.032	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-3-24-051223	05/12/2023	320-100312-5	R-EVE	0.016	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OUTFALL-002A-24-051123-D	05/12/2023	320-100313-5	R-PSDA	0.0049	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OUTFALL-002A-24-051123-D	05/12/2023	320-100313-5	Hydrolyzed PSDA	0.0061	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-GBC-1-051123	05/11/2023	320-100313-2	R-PSDA	0.059	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-GBC-1-051123	05/11/2023	320-100313-2	R-EVE	0.022	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LOCK-DAM-SEEP-051123	05/11/2023	320-100313-7	R-PSDA	0.36	UG/L	PQL		0.035	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LOCK-DAM-SEEP-051123	05/11/2023	320-100313-7	Hydrolyzed PSDA	1.3	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LOCK-DAM-SEEP-051123	05/11/2023	320-100313-7	R-EVE	0.61	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-OLDOF-1-24-051223	05/12/2023	320-100313-3	R-PSDA	0.077	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-OLDOF-1-24-051223	05/12/2023	320-100313-3	Hydrolyzed PSDA	0.097	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-OLDOF-1-24-051223	05/12/2023	320-100313-3	R-EVE	0.030	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** CAP SW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: The analysis hold time for this sample was exceeded. 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
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	PFMOAA	0.0073	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	Hfpo Dimer Acid	0.0053	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-CFR-TARHEEL-24-051223	05/12/2023	320-100446-4	PFO2HxA	0.0041	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** CAP SW Sampling 2Q23 **Validation Options:** LABSTATS

Validation Reason Code: Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit but above the rejection limit. 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
CAP2Q23-OUTFALL-002A-24-051123	05/12/2023	320-100313-4	PMPA	0.018	UG/L	PQL		0.010	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep