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CHARACTERIZATION OF PFAS IN PROCESS AND NON-PROCESS WASTEWATER AND STORMWATER

Initial Characterization - Final Quarterly Report

Prepared for

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ACRONYMS AND ABBREVIATIONS

CO	Consent Order
COC	Chain of Custody
DEQ	The North Carolina Department of Environmental Quality
DO	Dissolved oxygen
DQO	data quality objectives
DVM	Data Verification Module
EIM	Environmental Information Management
EPA	Environmental Protection Agency
EPA 537M	EPA Method 537 Mod
HDPE	High Density Polyethylene
HFPO-DA	Hexafluoropropylene oxide dimer acid
Hydrolyzed PSDA	2-fluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro sulfoethoxy)propoxy]-acetic acid
IXM	ion exchange materials
MS	matrix spike
MGD	million gallons per day
MSD	matrix spike duplicates
NCCW	non-contact cooling water
ng/L	nanograms per liter
PFAS	per- and polyfluoroalkyl substances
PFMOAA	2,2-difluoro-2-(trifluoromethoxy) acetic acid
PMDF	Polymer Manufacturing and Development Facility
PMPA	perfluoromethoxypropyl carboxylic acid
PPA	Polymer Processing Aid
QA/QC	quality assurance/ quality control
R-EVE	4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5,5-octafluoro-pentanoic acid
R-PSDA	2,2,3,3,4,5,5,5-octafluoro-4-(1,1,2,2-tetrafluoro-2-sulfoethoxy)-pentanoic acid
SOP	Standard Operating Procedure
TestAmerica	TestAmerica Sacramento
WWTP	Wastewater treatment plant

EXECUTIVE SUMMARY

This report was prepared by Geosyntec Consultants of NC, P.C. (Geosyntec) for The Chemours Company FC, LLC (Chemours) pursuant to Paragraph 11(c) in the executed Consent Order entered February 25, 2019 amongst Chemours, the North Carolina Department of Environmental Quality (DEQ), and Cape Fear River Watch.

The objective of Paragraph 11(c) was to conduct an Initial Characterization of the constituents and concentrations of per- and polyfluoroalkyl substances ("PFAS") in the raw water intake and in process wastewater, non-process wastewater, and stormwater at the Chemours Fayetteville Works, North Carolina site (the Facility). Paragraph 11(c) requires Chemours to submit a final quarterly report no later than 18 months after approval of a sampling plan. This report represents the required final quarterly report. The objectives of the final quarterly report are to summarize the findings of the Paragraph 11(c) sampling events collected during the 18-month Initial Characterization period, and provide recommendations for transitioning to Paragraph 11(d), Ongoing Sampling.

Chemours and its two tenants, Kuraray and DuPont, currently operate five manufacturing areas on the site along with two other areas servicing manufacturing activities. These various areas both use and produce water which flows through the site conveyance network to Outfall 002. The site conveyance network waters are comprised of three (3) water types (process wastewater, non-process wastewater, and stormwater) and five (5) primary flows that combine prior to discharge at Outfall 002. The flow pathways at the Facility are listed below:

1. Cooling Water Channel, which transmits non-process wastewater, commonly called non-contact cooling water (NCCW), and stormwater from the Chemours Monomers Ion Exchange Materials (IXM) area;
2. Wood Lined Trench, which transmits NCCW from Kuraray areas and stormwater from Kuraray and the Chemours Polymer Processing Aid (PPA) area;
3. Wastewater Treatment Plant (WWTP) Discharge, which transmits treated waters from the WWTP;
4. DuPont Area Ditches, which transmit NCCW and stormwater from DuPont; and
5. Open Channel to Outfall 002, which combines the above conveyances and transmits and discharges these flows through Outfall 002.

Chemours submitted, and NCDEQ approved in writing, a PFAS Characterization Sampling Plan (the Sampling Plan) which identified sample locations and methods for bimonthly sample collection during the Initial Characterization period to represent the various water sources and flow types. The 31 sample locations were grouped into seven location categories developed to facilitate analysis and interpretation of data collected

during this program. The location categories were developed based on locations having either (a) a common type of water (e.g., NCCW), or (b) a common spatial and flow path relationship (e.g., WWTP related locations). The seven categories are listed and briefly described below:

Location Category	Description
Intake River Water at Facility	Represents background PFAS concentrations
Non-Chemours Process Wastewater	Locations representing process wastewater from Kuraray and DuPont
Non-Contact Cooling Water	Locations representing NCCW from Kuraray and Chemours
Stormwater	Locations containing only stormwater from throughout the Facility
Stormwater-Non-Contact Cooling Water	Locations representing commingled stormwater and NCCW
Wastewater Treatment Plant	Locations representing the WWTP influent and effluent, and the Terracotta pipe, which prior to November 2017 transmitted Chemours process wastewater to the WWTP and will be decommissioned in 2021
Combined Flows to Outfall 002	Locations representing stormwater, NCCW, and process wastewater from the combined flow pathways at the Facility in the Open Channel to Outfall 002

Chemours collected samples in accordance with the Sampling Plan for nine (9) bimonthly sampling events during the 18-month Initial Characterization period from April 2019 to September 2020. Samples were analyzed for EPA Method 537 Mod (EPA 537M) and Table 3+ Method PFAS. EPA 537M PFAS compounds are often associated with effluents from municipal WWTPs and firefighting foams, amongst other sources. Table 3+ PFAS compounds are often related to operations at the Facility. Summarized findings and recommendations from the Initial Characterization are listed below:

Summary of Findings

The following conclusions can be drawn based on the samples collected during the Initial Characterization period:

- The intake river water at the facility (Location 1) contains PFAS before this water is used at the Facility. PFAS detected at Location 1 represent the background level of PFAS at other sampling locations.
- Across all locations, EPA 537M PFAS were not statistically different or higher than intake data with the exception of one location (23A) on the Terracotta pipe which is being decommissioned in 2021.
- Non-Chemours process wastewater locations (Locations 18, 19A, 19B, and 23B) and NCCW only locations (Locations 6A, 6B, 24A, 24B, and 24C) generally have low PFAS concentrations, similar to or less than those observed at the intake river water at the Facility.
- The primary sources of total Table 3+ PFAS concentrations to Outfall 002 are (1) locations comprising both stormwater and non-process wastewater from the Monomers IXM area, (2) stormwater-only locations, and (3) the WWTP effluent, including PFAS loadings from the Terracotta pipe which prior to November 2017 transmitted Chemours process water to the WWTP.

The degree of PFAS contributions from the sources outlined in the last bullet above are expected to be reduced through on-going present and planned future actions, including:

- Continued use of the Thermal Oxidizer and other air emissions controls at Site reduces aerial emissions of PFAS. This mitigates future PFAS loading to surfaces and subsequent stormwater concentrations;
- Pursuant to the Consent Order Addendum, the in-progress separation of NCCW and stormwater flows occurring in the Monomers IXM Area and the 2021 planned treatment of stormwater flows in this area will reduce PFAS contributions from the Monomers Area; and
- The planned 2021 decommissioning of the Terracotta pipe will reduce PFAS contributions to the WWTP.

Summary of Recommendations

Based on these findings above, the following recommendations are made as the sampling program transitions from the Initial Characterization period of Paragraph 11(c) to Ongoing Sampling in Paragraph 11(d):

- Continue analyzing EPA 537M at the intake river water at Location 1 and Location 20 only;

- Upon completion of the Monomers IXM stormwater treatment system, replace Locations 9, 10, 10A, 24A, 24B, and 24C with one new sample location representing the combined NCCW;
- Replace locations representing inputs to the WWTP (Locations 6A, 6B, 18, 19A, 19B, 23A, 23B) with ongoing sampling of the WWTP influent (Location 22); and
- Replace stormwater-only Locations 2, 3, 4, and 5 with ongoing sampling of downstream Location 7A.

Pursuant to Paragraph 11(d), over the next two years starting in January 2021, Chemours will continue to collect bimonthly samples to characterize PFAS in the intake river water, process wastewater, non-process wastewater, and stormwater at the Facility. Chemours requests approval from DEQ to perform the ongoing sampling in accordance with these recommendations by January 8, 2021. Results will be reported semi-annually, i.e. every-other quarter, within 90 days of the previous semiannual period. The first report will be submitted within 90 days of the end Quarter 2, 2021.

1. INTRODUCTION

This report was prepared by Geosyntec Consultants of NC, P.C. (Geosyntec) for The Chemours Company FC, LLC (Chemours) as the final quarterly report for Initial Characterization of the identification of constituents and concentrations of per- and polyfluoroalkyl substances ("PFAS") in process wastewater, non-process wastewater, and stormwater at the Chemours Fayetteville Works, North Carolina site (the Facility, Figure 1). This report was prepared pursuant to Paragraph 11(c) in the executed Consent Order amongst Chemours, the North Carolina Department of Environmental Quality (DEQ), and Cape Fear River Watch, entered into court on February 25, 2019.

This is the sixth and final quarterly report addressing Paragraph 11(c) of the Consent Order. The objective of this report reflects the same stated objective in the PFAS Characterization Sampling Plan (Geosyntec, 2019a): to characterize the concentrations of PFAS in the raw water intake at the Facility, process wastewater, non-process wastewater, and stormwater, including water that is discharged through Outfall 002.

This final quarterly report summarizes the findings across nine (9) Paragraph 11(c) sampling events through the 18-month Initial Characterization period, and provides recommendations for transitioning to Paragraph 11(d), Ongoing Sampling. The remainder of this document is organized as follows:

- **Section 2 – Background:** this section describes the Facility, the conveyance network which transmits flow to Outfall 002, locations sampled and location categories, and Paragraph 11(c) quarterly reporting to date;
- **Section 3 – Final Quarterly Report Objectives**: this section describes the objectives of this report;
- **Section 4 – Paragraph 11(c) Methods:** this section describes the methods employed for sample collection and analysis over the 18-month Initial Characterization period;
- **Section 5 – Assessment of Paragraph 11(c) Initial Characterization**: this section describes PFAS concentrations trends and observations in investigative samples over the 18-month Initial Characterization period;
- **Section 6 – Proposed Paragraph 11(d) Sampling Plan Updates**: this section describes recommendations for transitioning to ongoing sampling activities pursuant to Paragraph 11(d) of the executed Consent Order;

- **Section 7 – Summary and Recommendations:** this section summarizes the observations of results from the Initial Characterization period and recommended changes to the sampling plan; and
- **Section 8 – References**: this section lists the documents referenced in the report.

2. BACKGROUND

This section provides a summary of past Paragraph 11(c) quarterly reports and a background overview of how the Facility uses water, the types of water present at the site, how this water flows to the Facility's discharge point at Outfall 002 and how the locations sampled as part of Paragraph 11(c) were grouped for interpretation.

2.1 Paragraph 11(c) Reporting Background

Chemours submitted the PFAS Characterization Sampling Plan (the Sampling Plan) to DEQ on May 6, 2019 (Geosyntec, 2019a) and received written approval from DEQ on June 19, 2019. Past quarterly reports for the bimonthly sampling program have summarized the activities conducted during the previous quarter, reported observed trends in context to previous bimonthly sampling events, and provided recommendations to implement during the next quarter. A summary of the bimonthly sampling events and supplemental investigations included in past quarterly reports are provided in the table below.

Quarterly Report No.	Date Submitted	Activities Summarized	Reference
1	July 31, 2019	April 2019 and June 2019 bimonthly sampling events collected in 2019 Quarter 2	Geosyntec, 2019b
2	October 31, 2019	August 2019 bimonthly sampling event collected in 2019 Quarter 3 and supplemental investigations completed in 2019 Quarters 2 and 3	Geosyntec, 2019c
3	January 31, 2020	October 2019 and December 2019 bimonthly sampling events collected in 2019 Quarter 4	Geosyntec, 2020a
4	April 30, 2020	January 2020 bimonthly sampling event collected in 2020 Quarter 1	Geosyntec, 2020b

Quarterly Report No.	Date Submitted	Activities Summarized	Reference
5	July 31, 2021	April 2020 and May/June 2020 bimonthly sampling events collected in 2020 Quarter 2	Geosyntec, 2020c

The ninth and final bimonthly sampling event for the 18-month Initial Characterization period was collected in 2020 Quarter 3 as a dry event on August 26, 2020 (the August 2020 event). Samples were collected as outlined in the PFAS Characterization Sampling Plan (Geosyntec, 2019a), with adjustments made based on recommendations in prior reports (Geosyntec 2019a, 2019b, 2019c, 2020a, 2020b, and 2020c). Results from the investigative samples in the August 2020 event are included in Appendix A and presented and discussed with the data from the entire program in this report.

2.2 Site and Conveyance Network Background

Chemours and its two tenants, Kuraray and DuPont, currently operate five manufacturing areas on the site along with two other areas servicing manufacturing activities. These areas are shown in Figure 1 and listed below:

- Chemours Monomers Ion Exchange Materials (IXM);
- Chemours Polymer Processing Aid (PPA) Area;
- Kuraray Trosifol® Leased Area;
- Kuraray SentryGlas® Leased Area;
- DuPont Polyvinylfluoride Leased Area;
- Wastewater treatment plant (WWTP); and
- Power Area at the Facility (produces filtered water and demineralized water).

These various areas both use and produce water which flows through the site conveyance network to Outfall 002. As an example of flows through Outfall 002, during normal operations between January and November 2020, the operations from Chemours and its tenants, DuPont and Kuraray, resulted in Facility discharges at Outfall 002 of primarily NCCW at flow rates between 7.2 to 36.5 million gallons per day (MGD) with a median flow of 21.9 MGD. The site conveyance network waters are comprised of three (3) water types and five (5) primary flows as they combine at Outfall 002. Thirty-one (31) sample locations representing the various water types and flow pathways were grouped into seven (7) categories described in the following sub-section to facilitate the analyses of data collected during this program. The water types and flow pathways at the Facility are listed below:

Water Types

1. Process wastewater. Note, Chemours process wastewaters are presently disposed of offsite while tenant (Kuraray and DuPont) process wastewaters are treated at the onsite WWTP prior to discharge;
2. Non-Process Wastewater. Note, Non-Process Wastewater is also commonly called non-contact cooling water (NCCW); and
3. Stormwater.

Flow Pathways

1. Cooling Water Channel, which transmits NCCW and stormwater from the Chemours Monomers IXM area;
2. Wood Lined Trench, which transmits NCCW from Kuraray areas and stormwater from Kuraray and the Chemours PPA area;
3. Wastewater Treatment Plant Discharge, which transmits treated waters from the WWTP;
4. DuPont Area Ditches, which transmit NCCW and stormwater from DuPont; and
5. Open Channel to Outfall 002, which combines the above flows and transmits and discharges them through Outfall 002.

2.2.1 Locations and Location Categories

The 31 locations were grouped into seven location categories developed to facilitate analysis and interpretation of data collected during this program. The location categories were developed based on locations having either (a) a common type of water (e.g., NCCW), or (b) a common spatial and flow path relationship (e.g., WWTP related locations). The seven categories are listed below and then described:

- Intake River Water at Facility
- Non-Chemours Process Wastewater
- Non-Contact Cooling Water
- Stormwater
- Stormwater-Non-Contact Cooling Water
- Wastewater Treatment Plant
- Combined Flows to Outfall 002

Intake River Water at Facility

The majority (~98%) of water discharged at Outfall 002 originates from water drawn from the Cape Fear River. Samples were collected at the intake river water at the Facility (Location 1, Figure 2) to represent the background concentration of PFAS in water entering the conveyance network.

Non-Chemours Process Wastewater

Process wastewater from non-Chemours manufacturing areas (Kuraray and DuPont leased areas) are piped to the WWTP for treatment and ultimately discharge via the WWTP to Outfall 002. Non-Chemours Process Wastewater locations include: Kuraray process wastewater (Location 18), DuPont Plant 1 process wastewater (Location 19A), DuPont Plant 2 process wastewater (Location 19B), and Kuraray Laboratory process wastewater (Location 23B) as shown on Figure 2.

Non-Contact Cooling Water

Non-contact cooling water (i.e. NCCW) is non-process wastewater used to cool equipment in manufacturing areas. This water does not directly contact manufactured products. NCCW is derived from the intake river water. The NCCW locations include Kuraray Area non-process wastewater (Locations 6A and 6B) and Monomers IXM non-process wastewater (Locations 24A, 24B, and 24C) as shown on Figure 2. The Kuraray and Monomers IXM non-process wastewater sources of flow discharge to Outfall 002 via the WWTP and the Cooling Water Channel, respectively.

Stormwater

Stormwater is a source of flow to Outfall 002 throughout the Site during and shortly after precipitation events. The stormwater-only locations include Kuraray northern area (Location 2), the PPA area (Location 3), the combined Kuraray northern area and PPA areas (Location 4), the Kuraray southern area (Location 5), the Monomers IXM area (Location 10), and the former DuPont Polymer Manufacturing and Development Facility (PMDF) area (Location 11) as shown on Figure 2. Additional site-wide and targeted stormwater sampling was conducted to support the investigations related to Paragraph 12 of the executed Consent Order. Results of this sampling are described in Appendix B.

Stormwater-Non-Contact Cooling Water

Stormwater and NCCW are commingled in some of the flow pathways at the site as described earlier. The locations comprising Stormwater-NCCW include locations from the western portion of the Facility (Location 7A), non-process wastewater and stormwater

from Monomers IXM (Locations 9 and 10A), DuPont area non-process wastewater and stormwater (Locations 12, 13, and 14), non-process wastewater and stormwater from the eastern portion of the Facility (Location 15), and the southern sediment basin (Location 21A) as shown on Figure 2.

Wastewater Treatment Plant

Effluent from the WWTP is a source of flow to Outfall 002. The WWTP receives process wastewater from Kuraray and DuPont, non-process wastewater from throughout the Facility, and some stormwater flows. Wastewater Treatment Plant category locations include the WWTP effluent (Location 8), the WWTP combined influent (Location 22), and the Terracotta pipe (Location 23A) as shown on Figure 2.

Combined Flows to Outfall 002

Stormwater, NCCW, and process wastewater from all flow pathways at the Facility combine in the Open Channel to Outfall 002. Locations include the Open Channel to Outfall 002 downstream of the WWTP (Location 7B), the Open Channel to Outfall 002 downstream of DuPont area (Location 7C), and Outfall 002 (Location 20) as shown on Figure 2.

3. FINAL QUARTERLY REPORT OBJECTIVES

This final quarterly report summarizes the data from the nine bimonthly sampling events that have been collected to characterize PFAS in non-process wastewater, process wastewater, and stormwater at the Facility, pursuant to Paragraph 11(c) of the executed Consent Order. Objectives of the final quarterly report are to:

1) identify trends and observations at each location / location category using time trend plots,
2) evaluate if each location contains PFAS concentrations in addition to the background concentrations observed at the intake river water at the Facility (Location 1) using statistical methods, and
3) make recommendations for the Ongoing Sampling program pursuant to Paragraph 11(d) based on the Initial Characterization program findings.

4. PARAGRAPH 11(C) METHODS AND SCOPE

This section describes the methods implemented for the 18-month Initial Characterization period including locations sampled, field methods implemented, and laboratory methods

used. Further details on these locations and methods are provided in the prior quarterly reports.

4.1 Sample Locations

Locations sampled are described in Table 1 and shown in Figure 2. The number of samples collected during the 18-month period during each bimonthly sampling event varied from nineteen (19) in the October 2019 sampling event to thirty (30) in the May/June 2020 event. Table 2 provides a summary of the sample locations collected during each event. Adjustments to some sample locations were made based on recommendations stated in prior reports. A summary of these changes is listed below:

- Chemours process wastewater Locations 16, 17A, and 17B were not sampled after 2019 Quarter 2 as water from these locations are presently disposed of offsite and do not reach Outfall 002 (Geosyntec, 2019c).
- Location 7C was added to the Sampling Plan beginning in the May 2020 to characterize PFAS concentrations in the Open Channel to Outfall 002 downstream of the confluence with discharge from the DuPont area (Geosyntec, 2020c).
- Location 10A was added to the Sampling Plan in May 2020 to characterize PFAS concentrations of the combined Chemours Monomers IXM NCCW and stormwater discharge (Geosyntec, 2020c).
- Location 23B was added to the Sampling Plan in June 2019 to evaluate the Kuraray laboratory process wastewater, an input to the Terracotta pipe.

4.2 Field Methods

Field methods used during the Initial Characterization period are documented in previous quarterly reports. The following sub-sections summarize these field methods. Appendix A provides a detailed description of field methods for the August 2020 event.

4.2.1 General Field Methods

Equipment was inspected by the field program supervisor, decontaminated, and calibrated daily prior to use in the field, according to the manufacturer's recommendations. Field parameters (e.g., pH, temperature, turbidity) were measured with a water quality meter prior to sample collection for grab samples, and for temporal composite samples, once during composite sampling (collected directly from the water stream), and once after composite sampling (collected from the autosampler reservoir). A field notebook and location-specific field forms were used to record information regarding additional items such as quality assurance/ quality control (QA/QC), sample identifications, color, odor, and other field observations.

Field QA/QC samples, including field duplicates, equipment blanks, field blanks, and trip blanks were collected and analyzed during the bimonthly sampling events as described in Appendix A and Geosyntec (2019b, 2019c, 2020a, 2020b, and 2020c).

Upon sample collection, labelled and containerized samples were placed inside an insulated sample cooler with ice. Prior to shipment of the samples to the laboratory, a chain of custody (COC) form was completed identifying sample locations, sample identification numbers, and specific laboratory analyses to be performed on the samples. COCs were signed by the field personnel relinquishing the samples to the courier and were signed by the laboratory upon receipt of the cooler.

4.2.2 Grab Sampling Methods

Grab samples were collected from locations where temporal variability over the course of one day was not expected. These locations include non-process wastewater only locations (Locations 6A, 6B, 24A, 24B, and 24C), select process wastewater only locations (Locations 19A and 19B), and the Sediment Basin South location (Location 21A), as identified in Table 2 and shown on Figure 2. All grab samples were collected by directly filling the HDPE bottle with the sample. Other locations collected as grab samples during the Initial Characterization period are identified below:

- Location 7B was collected as a grab sample for the April and June 2019 events due to limited autosampler availability. This location was collected as a temporal composite sample for the August 2019 event and all further sampling events.
- Locations 18 and 23A were collected as four grab samples over four hours during the August 2019 event to assess temporal variability at these locations. Due to temporal variability, future samples were collected as temporal composites.
- Location 22 was collected as a temporal composite beginning in the April 2020 event. All previous samples at this location were grab samples.

4.2.3 Temporal Composite Sampling Methods

Temporal composite samples were collected during the bimonthly sampling events from locations where variability was expected to potentially be significant within a short time frame (e.g., one day). These locations, identified in Table 2 and shown on Figure 2, include those within the site conveyance network and the intake and outfall locations, since these locations can have highly variable dissolved and suspended constituent loads over short time periods. Temporal composite samples were collected using a dedicated Teledyne 6712C autosampler equipped with a rain gauge, HDPE tubing, silicon tubing, and an HDPE sample reservoir. During dry sampling events, autosamplers integrated water over a four-hour sample collection period. During wet sampling events, the

integration time on the autosamplers was set to correspond to the duration of the storm event.

4.2.4 Wet Event Sampling Methods

The May/June 2020 event included a wet sampling event in May 2020 and a dry sampling event in June 2020. Locations that contain stormwater (Locations 1, 2, 3, 4, 5, 7A, 7B, 7C, 8, 9, 10, 10A, 11, 12, 13, 14, 15, 20, and 21A) were sampled on May 20, 2020 during a storm event following an 11-day antecedent dry period. The storm event began on May 18, 2020 and lasted through May 21, 2020; a total of 3.2 inches of rainfall fell during the storm event. Composite samples were collected over a 3.75-hour period during the peak intensity of the storm event. In accordance with the PFAS Characterization Sampling Plan (Geosyntec, 2019a), Locations 6A, 6B, 8, 18, 19A, 19B, 22, 23A, 23B, 24A, 24B, and 24C were collected during dry weather on June 3, 2020, following 72 hours with less than 0.5 inches of rain.

4.3 Laboratory Methods

Samples were analyzed for PFAS by the following methods:

- Table 3+ Laboratory Standard Operating Procedure (SOP); and
- EPA Method 537 Mod Laboratory SOP (EPA 537M).

PFAS reported under each of these methods are listed in Table 3.

Throughout the Initial Characterization period, laboratory analyses were performed largely in accordance with the PFAS Characterization Sampling Plan (Geosyntec, 2019a) and within the guidelines specified by the laboratory SOPs. The collection frequency of field duplicates, matrix spike / matrix spike duplicates (MS/MSD), trip blanks, and equipment blanks was largely in accordance with the PFAS Characterization Sampling Plan (Geosyntec, 2019a). Deviations, as listed in Appendix A and Geosyntec (2019b, 2019c, 2020a, 2020b, and 2020c), were acceptable as previous QA/QC samples met criteria.

All data were reviewed using the Data Verification Module (DVM) within the Locus™ Environmental Information Management (EIM) system, which is a commercial software program used to manage data. Following the DVM process, a manual review of the data was conducted. The data usability, in view of the project's data quality objectives (DQOs), was assessed and the data were entered into the EIM system. Details regarding the data review process are provided in Appendix A for the August 2020 event and Geosyntec (2019b, 2019c, 2020a, 2020b, and 2020c) for other bimonthly sampling events.

5. ASSESSMENT OF PARAGRAPH 11(C) INITIAL CHARACTERIZATION

This section presents an assessment of the key observations and summary statistics observed over the 18-month Initial Characterization period. Observations in this section are based on total Table 3+ concentrations and total EPA 537M concentrations. Table 3+ PFAS compounds are often related to Chemours manufacturing processes whereas EPA 537M PFAS compounds are generally associated with firefighting foams, municipal WWTPs, and other background sources. The remainder of this section discusses the presentation of Table 3+ results and PFAS data observations, including a statistical evaluation of the data.

5.1 Presentation of Results Table 3+ 17 Compounds

For clarity, the text and figures of this report describe the Table 3+ 17 compound sums while both Table 3+ 17 compound and Table 3+ 20 compound sums are included in the tables.

As reported in the *Matrix Interference During Analysis of Table 3+ Compounds* memorandum (Geosyntec, 2020d), matrix interference studies conducted by the analytical laboratory (TestAmerica, Sacramento) have shown that the quantitation of three compounds (R-PSDA [formerly Byproduct 4], Hydrolyzed PSDA [formerly Byproduct 5], and R-EVE) is inaccurate due to interferences by the sample matrix in both groundwater and surface water. Given the matrix interference issues, Total Table 3+ PFAS concentrations are calculated and presented in the tables of this report in two ways: (i) summing over 17 of the 20 Table 3+ compounds "Total Table 3+ (sum of 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+ (sum of 20 compounds)". Expressing these data as a range represents possible values of what these results might be without matrix interferences. In other words, the sum of all 17 compounds is an underestimate of the actual value while the sum of the 20 compounds is likely an overestimate of the actual value.

5.2 Results Tables and Figures

The observations and assessment described in this section are based on the following figures:

- Figure 3A presents summary statistics for HFPO-DA[1], PFMOAA[2], and PMPA[3] concentrations for locations that reach Outfall 002. Table 4 represents these data tabularly;
- Figure 3B presents summary statistics for total Table 3+ concentrations and total EPA 537M concentrations for locations that reach Outfall 002. Table 5 represents these data tabularly;
- Figures 4A – 4F present time series plots for total Table 3+ concentrations. Each time series plot displays the total Table 3+ concentrations observed during each event at the intake river water at the Facility (Location 1) and at other locations as grouped by sample location type described in Section 4.1 (e.g., Stormwater, NCCW, etc.).;
- Figures 5A and 5B display the median total Table 3+ and total EPA 537M concentration by location for all sampling locations, respectively;
- Table 6 presents results from the Wilcoxon Rank Sum test evaluation; and
- Appendix C presents a complete summary of the PFAS concentrations in the samples collected during the 18-month initial characterization period.

Median concentrations are discussed throughout this section. The median was selected as the measure of central tendency for this discussion because the data are often skewed and not normally distributed, as is common for environmental data. The median represents a robust measure of central tendency not influenced by outliers.

5.3 Statistical Assessment Technique

The data set collected for each location in the sampling program was compared to background concentrations of the River Intake Water data set using the Wilcoxon Rank Sum. The Wilcoxon Rank Sum test is a non-parametric test used to evaluate whether the distributions of total EPA 537M PFAS and/or total Table 3+ PFAS concentrations at each location were statistically different than those at the intake river water at the Facility (Location 1). The Wilcoxon Rank Sum test is appropriate for small sample sizes that are not normally distributed. The tests were conducted at the 5% level of significance, i.e., $\alpha = 0.05$. Therefore, a p-value result greater than 0.05 indicates the subject location concentration distribution was not significantly different from the distribution at Location 1, i.e., is not adding PFAS significantly above background concentrations. A p-value

[1] HFPO-DA - hexafluoropropylene oxide dimer acid
[2] PFMOAA - 2,2-difluoro-2-(trifluoromethoxy) acetic acid
[3] PMPA - perfluoromethoxypropyl carboxylic acid

result less than 0.05 indicates the subject location concentration distribution was significantly higher (positive result statistic) or lower (negative result statistic) than the distribution collected from Location 1. For example, a positive result statistic and a p-value less than 0.05 indicate that the location is contributing PFAS above median background concentrations. Table 6 presents results from the non-parametric Wilcoxon Rank Sum test evaluation for total Table 3+ and total EPA 537M concentrations in the investigative samples. Stormwater-only locations were only sampled during one (1) sampling event (May/June 2020); therefore, results from all stormwater locations were grouped into one dataset and compared to the dataset from Location 1. The results of the statistical assessment are described on a location category basis in the next sub-section.

5.4 Conveyance Network PFAS Data Observations

This sub-section presents the assessment of results from the nine sampling events. Observations are summarized in the list and table below and described in the remainder of this section on a per location category basis.

Summary of Observations

- Across all locations EPA 537M PFAS were not statistically different or higher than intake river water data with the exception of one location (23A) on the Terracotta pipe which will be decommissioned in 2021;
- Table 3+ PFAS in NCCW-only locations and non-Chemours process wastewater locations are similar to background concentrations observed at the intake river water and are not statistically different or significantly lower, with the exception of one location (23B) which decreased to intake concentration levels over the course of the program. Location 23B also drains through the Terracotta pipe which will be decommissioned in 2021;
- Table 3+ PFAS were statistically higher for locations which either contained stormwater or water related to the WWTP effluent; and
- Monomers IXM area flows containing stormwater have higher concentrations of Table 3+ PFAS during both wet and dry weather compared to other stormwater-NCCW locations which decrease during dry periods. Pursuant to Paragraph 4(a) of the Addendum to Consent Order Paragraph 12 (CO Addendum) Chemours will capture and treat stormwater in the catchment area shown on Attachment 6 of the CO Addendum; this system includes separating NCCW and stormwater flows in the Monomers IXM area.

Location Category	EPA 537M PFAS Statistical Assessment Outcome	Table 3+ PFAS Statistical Assessment Outcome
Non-Chemours Process Wastewater	Not Different or Lower than Intake	Not Different or Lower than Intake*
Non-Contact Cooling Water	Not Different than Intake	Not Different than Intake
Stormwater	Not Different than Intake	Greater than Intake
Stormwater-NCCW	Not Different than Intake	Some Greater than Intake (stormwater from Monomers IXM)
Wastewater Treatment Plant	Not Different than Intake** (influent and effluent only)	Greater than Intake
Combined Flows to Outfall 002	Not Different than Intake	Greater than Intake (WWTP and stormwater)

* Location 23B concentrations were initially higher than the intake river water but have declined and been similar to the intake since January 2020. Flows from Location 23B discharge to the Terracotta pipe which is being decommissioned in 2021.

** Wastewater treatment plant influent and effluent EPA 537M concentrations were not statistically different or higher from the intake, but an upstream location (23A) in the Terracotta pipe did have elevated EPA 537M concentrations. This source to the wastewater treatment plant will be removed with the planned decommissioning of the Terracotta pipe in 2021.

5.4.1 Intake River Water at Facility

As observed in Figures 4A – 4F, total Table 3+ concentrations at Location 1 were relatively consistent over the 18-month sampling program, varying between 48 ng/L to 120 ng/L with a median of 58 ng/L (Figures 3B and 5A; Table 4). Total EPA 537M concentrations were also consistent, varying between 30 ng/L to 190 ng/L with a median of 55 ng/L (Figures 3B and 5B; Table 5). The samples collected at Location 1 were considered to represent the background concentration of PFAS at the facility. Detected PFAS at Location 1 were generally observed in other facility locations that derive water from the river intake.

5.4.2 Non-Chemours Process Wastewater

Figure 4A presents a time series plot of total Table 3+ data collected from non-Chemours process wastewater locations. Process wastewater total Table 3+ concentrations from

Kuraray (Location 18) and DuPont (Locations 19A and 19B) were consistently lower than or similar to the intake river water (Location 1) and generally reduced over time (Figure 4A). The distribution of total Table 3+ and total EPA 537M concentrations for non-Chemours process wastewater were similar to the intake river water (Figures 3A, 3B, 5A, and 5B; Tables 4 and 5). The statistical assessment indicated that for both EPA 537M PFAS and Table 3+ compounds, PFAS concentrations in Non-Chemours Process Wastewater concentrations are not different or lower than concentrations from the intake river water at the Facility for all locations, except for Kuraray Laboratory process wastewater (Location 23B), which was significantly greater for Table 3+ compounds only (Table 6). Location 23B concentrations were initially higher than the intake river water (Location 1) but have declined and been similar to the intake since January 2020 (Figure 4A). Flows from Location 23B discharge to the Terracotta pipe which will be decommissioned in 2021.

5.4.3 Non-Contact Cooling Water

Figure 4B presents a time series plot of total Table 3+ data collected from NCCW locations and indicates the total Table 3+ concentrations from NCCW are consistently similar to Location 1. One data point at Location 24C in December 2019 was an order of magnitude higher than the intake value. This isolated event is not reflective of long term NCCW concentrations (Geosyntec, 2020a). NCCW concentrations returned and remained at normal levels in the following January 2020 event. The statistical evaluation indicated total Table 3+ and total EPA 537M concentrations for NCCW were not significantly different from the intake river water (Figures 3A, 3B, 5A, and 5B; Tables 4, 5, and 6).

5.4.4 Stormwater

Figure 4C presents total Table 3+ data collected from stormwater-only locations in the May/June 2020 event. All other bimonthly sampling events were collected during dry weather; stormwater-only locations were either dry or not hydraulically connected to Outfall 002 during other sampling events. Based on statistical evaluation of the May/June 2020 event, Table 3+ PFAS are present in stormwater at significantly higher concentrations compared to the intake river water at the facility (Location 1) (Table 6). The sample representing stormwater from the Monomers IXM area (Location 10) had the highest total Table 3+ PFAS concentration (9,800 ng/L) of all the stormwater locations (Figure 4C, Appendix C). Pursuant to paragraph 4(a) of the CO Addendum, Chemours will capture and treat stormwater in the catchment area shown on Attachment 6 of the CO Addendum. Total EPA 537M concentrations at stormwater locations were similar to intake river water concentrations (Figures 3B and 5B; Table 5); the statistical assessment

indicated EPA 537M concentrations for stormwater from the May/June 2020 event were not significantly different than the intake river water (Table 6).

5.4.5 Stormwater-NCCW

Figure 4D presents a time series of total Table 3+ data collected from stormwater-NCCW locations. These locations contain combined stormwater and NCCW flows. As shown previously, NCCW is not a contributor of PFAS to Outfall 002 while stormwater, primarily from the Monomers IXM Area, is a contributor. These stormwater-NCCW locations contain Table 3+ PFAS at concentrations greater than the river intake. The two controlling factors are if the samples were collected during wet weather or are in or downstream from the Monomers IXM Area.

As a specific example of the effect of wet weather events, the samples representing the western portion of the Facility (Location 7A), which primarily contain Kuraray NCCW, were similar to the intake river water (Location 1) except during the May 2020 wet weather event when stormwater was being actively added to these flows.

Table 3+ PFAS concentrations in stormwater-NCCW locations in or downstream of the Monomers IXM area (Locations 9, 10A, 15, and 21A) were generally higher than concentrations at other stormwater-NCCW locations (Locations 7A, 12, 13, and 14) during both dry and wet weather sampling events. NCCW from the Monomers IXM area has similar concentrations to the intake water, therefore elevated concentrations observed during both dry and wet events are likely due to ongoing PFAS contributions from stormwater inflows that are not fully flushed from the sampling locations. NCCW and stormwater flows from the Monomers IXM area will be separated and the stormwater treated as pursuant to paragraph 4(a) of the CO Addendum previously discussed. The statistical evaluation indicated Table 3+ PFAS concentrations from stormwater-NCCW in locations in or downstream of the Monomers IXM area with enough samples for statistical comparison were significantly higher than the intake river water (Table 6).

The distribution of EPA 537M concentrations at all stormwater-NCCW locations were similar to the intake river water concentrations (Figures 3B and 5B; Table 5). The statistical assessment indicated EPA 537M concentrations at all stormwater-NCCW locations were not significantly different from the intake river water for those locations with enough samples for statistical comparison (Table 6).

5.4.6 Wastewater Treatment Plant

Figure 4E presents a time series of total Table 3+ data collected from the WWTP locations. The total Table 3+ concentrations at the WWTP effluent (Location 8), the combined WWTP influent (Location 22), and the Terracotta pipe (Location 23A) are elevated compared to, and statistically higher than, the intake river water (Location 1) for

all events (Figures 4E and 5A; Table 6). Pursuant to paragraph 4(d), Chemours is preparing a report on sources of PFAS to the WWTP by May 31, 2021. Chemours and its tenant Kuraray are also decommissioning the Terracotta pipe. Prior to November 2017, the Terracotta pipe transmitted Chemours process wastewater to the WWTP.

The distribution of total EPA 537M concentrations at the WWTP influent and effluent were similar to, and not significantly different from, total EPA 537M intake river water concentrations (Figures 3B and 5B; Tables 5and 6). The median total EPA 537M concentration at the Terracotta pipe (Location 23A) was over 5 times greater than the median total EPA 537M concentration at Location 1 (Figure 3B, Table 5), and the statistical evaluation indicated Location 23A was the only location with EPA 537M concentrations significantly higher than the intake river water (Table 6). As noted above, this component of the WWTP influent stream, the Terracotta pipe, is being decommissioned in 2021.

5.4.7 Combined Flows to Outfall 002

Figure 4F presents a time series of total Table 3+ data collected from the locations representing the combined flows to Outfall 002. These locations contain Table 3+ PFAS from upstream sources including combinations of WWTP effluent, NCCW, and stormwater. The locations representing the combined flows to Outfall 002 have Table 3+ PFAS concentrations that are significantly greater than the intake river water for those locations with enough samples for statistical comparison (Figures 3B and 5A; Tables 5 and 6). The increases over intake river water concentrations are interpreted to originate from both stormwater and WWTP effluent. First, the two highest total Table 3+ concentrations at these locations were measured during the wet weather May/June 2020 event indicating the stormwater contributions. Second, Location 7A upstream of the WWTP effluent is routinely lower in concentration than Location 7B downstream of the WWTP effluent.

The statistical assessment indicated EPA 537M concentrations at the locations representing combined flows to Outfall 002 were not significantly different from the intake river water for those locations with enough samples for statistical comparison (Table 6).

6. PARAGRAPH 11(D) SAMPLING PLAN UPDATES

Based on the findings in Section 5 and planned activities at the Facility described below, several revisions are recommended to the Sampling Plan for the Ongoing Sampling program pursuant to Paragraph 11(d). These recommendations fall into two categories:

1. Remove sampling locations and analyte groups that are not contributing PFAS to Outfall 002 or are characterized by other sampling locations and programs; and

2. Reconfiguration of the sampling locations in the Monomers IXM area based on the upcoming separation of NCCW and stormwater flows and stormwater treatment.

Recommendations and rationale for the proposed Sampling Plan revisions are provided in the table below. The proposed sample locations for Paragraph 11(d) after completion of the stormwater treatment system in June 2021 are provided in Figure 6.

Recommendation	Rationale
Continue analyzing EPA 537M compounds at the intake river water at the Facility (Location 1) and Outfall 002 (Location 20) only.	Total EPA 537M concentrations were not significantly different or were significantly less than the total EPA 537M concentrations at the river intake water.[4] The intake river water at the facility (Location 1) and Outfall 002 (Location 20) are proposed to continue to be analyzed for EPA 537M compounds.
Replace the sampling locations in the Monomers IXM area (Locations 9, 10, 10A, 24A, 24B, 24C) with one new sample location (Location 9A) representing the combined NCCW from Monomers IXM upon completion of the Monomers IXM stormwater treatment system.	This recommendation is supported because: (1) NCCW Locations 24A, 24B, and 24C have contained low and relatively homogenous levels of PFAS relative to the intake water at the facility (Location 1) and will be combined into one piped water stream, (2) stormwater from the Monomers IXM area will be characterized as a part of stormwater treatment system sampling program, and (3) combined NCCW and stormwater from the Monomers IXM area will be sampled downstream at Location 15.
Replace sampling of inputs to the WWTP (Locations 6A, 6B, 18, 19A, 19B, 23A, and 23B) with continued sampling of influent (Location 22).	This recommendation is supported because: (1) Locations 6A, 6B, 18, 19A, and 19B are not sources of PFAS, and (2) individual sources to the WWTP are being investigated as part of the ongoing supplemental WWTP sampling plan.
Replace upstream stormwater-only locations from the western portion	Stormwater from the western portion of the facility is characterized downstream of Locations

[4] The exception is location 23A on the Terracotta pipe which is being decommissioned.

Recommendation	Rationale
of the facility (Locations 2, 3, 4, and 5) with downstream combined sampling at Location 7A.	2, 3, 4, and 5 at Location 7A during wet weather events.

7. SUMMARY AND RECOMMENDATIONS

Pursuant to Consent Order Paragraph 11(c), this final quarterly report summarizes results and observations from the nine bimonthly sampling events collected during the 18-month initial characterization period. The objective of the initial characterization period was to characterize the concentrations of PFAS in the raw water intake, process wastewater, non-process wastewater, and stormwater at the Facility.

Summary of Findings

The following conclusions can be drawn based on the samples collected during the initial characterization period:

- The intake river water at the facility (Location 1) contains PFAS before this water is used at the Facility. PFAS detected at Location 1 represent the background level of PFAS at other sampling locations.
- Across all locations, EPA 537M PFAS were not statistically different or higher than intake data with the exception of one location (23A) on the Terracotta pipe which is being decommissioned in 2021.
- Non-Chemours process wastewater locations (Locations 18, 19A, 19B, and 23B) and NCCW only locations (Locations 6A, 6B, 24A, 24B, and 24C) generally have low PFAS concentrations, similar to or less than those observed at the intake river water at the Facility.
- The primary sources of total Table 3+ PFAS concentrations to Outfall 002 are (1) locations comprising both stormwater and non-process wastewater from the Monomers IXM area, (2) stormwater-only locations, and (3) the WWTP effluent, including PFAS loadings from the Terracotta pipe which prior to November 2017 transmitted Chemours process water to the WWTP.

The degree of PFAS contributions from the sources outlined in the last bullet above will be mitigated through on-going present and planned future actions, specifically:

- Continued use of the Thermal Oxidizer and other air emissions controls at the Facility reduces aerial emissions of PFAS. This mitigates future PFAS loading to surfaces and subsequent stormwater concentrations;
- Pursuant to the CO Addendum, the in-progress separation of NCCW and stormwater flows occurring in the Monomers IXM Area and the 2021 planned treatment of stormwater flows in this area will reduce PFAS contributions from the Monomers Area; and
- The planned 2021 decommissioning of the Terracotta pipe will reduce PFAS contributions to the WWTP.

Summary of Recommendations

Based on these findings above, the following recommendations are made as the sampling program transitions from the initial characterization period of Paragraph 11(c) to Ongoing Sampling in Paragraph 11(d):

- Continue analyzing EPA 537M at the intake river water at Location 1 and Location 20 only;
- Upon completion of the Monomers IXM stormwater treatment system, replace Locations 9, 10, 10A, 24A, 24B, and 24C with one new sample location representing the combined NCCW;
- Replace locations representing inputs to the WWTP (Locations 6A, 6B, 18, 19A, 19B, 23A, 23B) with ongoing sampling of the WWTP influent (Location 22); and
- Replace stormwater-only Locations 2, 3, 4, and 5 with ongoing sampling of downstream Location 7A.

Pursuant to Paragraph 11(d), over the next two years starting in January 2021, Chemours will continue to collect bimonthly samples to characterize PFAS in the intake river water, process wastewater, non-process wastewater, and stormwater at the Facility. Chemours requests approval from DEQ to perform the ongoing sampling in accordance with these recommendations by January 8, 2021. Results will be reported semi-annually, i.e. every-other quarter, within 90 days of the previous semiannual period. The first report will be submitted within 90 days of the end Quarter 2, 2021.

8. REFERENCES

Geosyntec, 2019a. PFAS Characterization Sampling Plan. May 6, 2019.

Geosyntec, 2019b. Characterization of PFAS in Process and Non-Process Wastewater and Stormwater: Quarterly Report #1. July 31, 2019.

Geosyntec, 2019c. Characterization of PFAS in Process and Non-Process Wastewater and Stormwater: Quarterly Report #2. October 31, 2019.

Geosyntec, 2019d. Assessment of HFPO-DA and PFMOAA in Outfall 002 Discharge and Evaluation of Potential Control Options. August 2019.

Geosyntec, 2020a. Characterization of PFAS in Process and Non-Process Wastewater and Stormwater: Quarterly Report #3. January 31, 2020.

Geosyntec, 2020b. Characterization of PFAS in Process and Non-Process Wastewater and Stormwater: Quarterly Report #4. April 30, 2020.

Geosyntec, 2020c. Characterization of PFAS in Process and Non-Process Wastewater and Stormwater: Quarterly Report #5. July 31, 2020.

Geosyntec, 2020d. Matrix Interference During Analysis of Table 3+ Compounds. Chemours Fayetteville Works. July 31, 2020.

TABLES

TABLE 1
PARAGRAPH 11(b) SAMPLE LOCATION SUMMARY
Chemours Fayetteville Works, North Carolina

Sample Category	Sample Location ID	Sample Location Description	Sampling Method	Sample Included in May 2019 PFAS Characterization Plan
Intake River Water at Facility	1	Discharge point of excess river water (i.e., water drawn from the Cape Fear River, but not used as process water or NCCW) to characterize background levels of PFAS	Temporal Composite	✓
Non-Chemours Process Wastewater	18	Kuraray process wastewater	Grab/Temporal Composite*	✓
	19A	DuPont process wastewater, Plant 1	Grab	✓
	19B	DuPont process wastewater, Plant 2	Grab	✓
	23B	Kuraray laboratory process wastewater	Grab	
NCCW	6A	Kuraray southern leased area NCCW discharge - Vacuum Condenser	Grab	✓
	6B	Kuraray southern leased area NCCW discharge - Resins Area	Grab	✓
	24A	Chemours Monomers IXM Vinyl Ethers South NCCW	Grab	✓
	24B	Chemours Monomers IXM Line 3 and Line 4 Extruder NCCW	Grab	✓
	24C	Chemours Monomers IXM Water Return Header NCCW	Grab	✓
Stormwater	2	Kuraray northern leased area stormwater discharge	Temporal Composite	✓
	3	Chemours PPA area stormwater discharge	Temporal Composite	✓
	4	Combined stormwater discharge from Kuraray northern leased area and Chemours PPA area	Temporal Composite	✓
	5	Kuraray southern leased area stormwater	Temporal Composite	✓
	10	Chemours Monomers IXM area stormwater discharge	Temporal Composite	✓
	11	Stormwater discharge from portion of grassy field to north of decommissioned Chemours Teflon area	Temporal Composite	✓
Stormwater-NCCW	7A	Combined stormwater and NCCW discharge from western portion of the Facility	Temporal Composite	✓
	9	Chemours Monomers IXM NCCW and stormwater discharge including stormwater from Vinyl Ethers South and Vinyl Ethers North	Temporal Composite	✓
	10A	Combined Chemours Monomers IXM NCCW and stormwater discharge	Temporal Composite	
	12	DuPont area southern drainage ditch stormwater discharge and NCCW	Temporal Composite	✓
	13	DuPont area northern drainage ditch stormwater discharge and NCCW	Temporal Composite	✓
	14	DuPont area southeast stormwater and NCCW discharge	Temporal Composite	✓
	15	Combined stormwater and NCCW discharge from eastern portion of the Facility	Temporal Composite	✓
	21A	Sediment Basin South	Grab	✓
	21B	Sediment Basin North	Grab	✓
Wastewater Treatment Plant	8	Outfall 001 treated non-Chemours process wastewater discharge to open channel to Outfall 002	Temporal Composite	✓
	22	WWTP combined influent	Grab/Temporal Composite*	✓
	23A	Kuraray northern leased area combined process wastewater and NCCW; open grate on Terracotta pipe	Grab/Temporal Composite*	✓
Combined Flows to Outfall 002	7B	Combined stormwater and NCCW discharge from western portion of the Facility and treated discharge from WWTP	Grab/Temporal Composite*	✓
	7C	Combined stormwater and NCCW discharge from western portion of the Facility, the eastern portion of the Facility, and the DuPont Area, and treated discharge from WWTP	Temporal Composite	
	20	Outfall 002 pipe to Cape Fear River upstream of sump	Temporal Composite	✓
Chemours Process Wastewater	16	Chemours Monomers IXM Area combined process wastewater	Grab	✓
	17A	Chemours PPA Area waste acid trailer	Grab	✓
	17B	Chemours PPA Area waste rinse water trailer	Grab	✓

Notes
Sample locations refer to locations identified in Figure 2.
Temporal composite samples were integrated over 4 hours in dry weather, or less time to line up with the duration of a storm event in wet weather.
Intake River Water at Facility sample location represents background concentrations of PFAS.
Non-Chemours Process Wastewater sample locations contain process wastewater from non-Chemours manufacturing areas.
NCCW sample locations contain non-process wastewater from Kuraray and Chemours manufacturing areas.
Stormwater sample locations contain stormwater only.
Stormwater-NCCW sample locations are locations containing both stormwater and non-process wastewater from throughout the Facility.
Wastewater Treatment Plant sample locations contain process wastewater from non-Chemours manufacturing areas and non-process wastewater from throughout the Facility.
Combined Flows to Outfall 002 contain process wastewater, non-process wastewater, and stormwater from throughout the Facility.
Chemours Process Wastewater sample locations contain Chemours process wastewater only and do not contribute flow to Outfall 002.
The open grate on Terracotta pipe was formerly referred to as the manhole on Terracotta pipe.
IXM - ion exchange membrane
NCCW - non-contact cooling water
PFAS - per- and polyfluoroalkyl substances
PPA - polymer processing aid
WWTP - Wastewater treatment plant
*Select locations were collected as grab samples and as composite samples during different sampling events. Details for each sample are provided in Table 2.

TABLE 2
SUMMARY OF SAMPLES COLLECTED
Chemours Fayetteville Works, North Carolina

Sample Category	Sample Location ID	Sample Location Description	Sample Category	Sampling Method	Sample Collected									
					2019					2020				
					April (Q2)	June (Q2)	August (Q3)	October (Q4)	December (Q4)	January (Q1)	April (Q2)	May (Q2)[1]	June (Q2)[1]	August (Q3)
Intake River Water at Facility	1	Discharge point of excess river water (i.e., water drawn from the Cape Fear River, but not used as process water or NCCW) to characterize background levels of PFAS	Intake River Water at Facility	Temporal Composite	YES	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES
Non-Chemours Process Wastewater	18	Kuraray process wastewater	Non-Chemours Process Wastewater	Grab/ Temporal Composite[7]	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES	YES
	19A	DuPont process wastewater, Plant 1	Non-Chemours Process Wastewater	Grab	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES	YES
	19B	DuPont process wastewater, Plant 2	Non-Chemours Process Wastewater	Grab	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES	YES
	23B	Kuraray laboratory process wastewater	Non-Chemours Process Wastewater	Grab	NS[10]	YES	NS[10]	YES	YES	YES	YES	NS[2]	YES	YES
NCCW	6A	Kuraray southern leased area NCCW discharge - Vacuum Condenser	NCCW	Grab	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES	YES
	6B	Kuraray southern leased area NCCW discharge - Resins Area	NCCW	Grab	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES	YES
	24A	Chemours Monomers IXM Vinyl Ethers South NCCW	NCCW	Grab	YES	YES	YES	NS[11]	YES	YES	YES	NS[2]	YES	YES
	24B	Chemours Monomers IXM Line 3 and Line 4 Extruder NCCW	NCCW	Grab	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES	YES
	24C	Chemours Monomers IXM Water Return Header NCCW	NCCW	Grab	YES	YES	YES	NS[11]	YES	YES	YES	NS[2]	YES	YES
Stormwater	2	Kuraray northern leased area stormwater discharge	Stormwater	Temporal Composite	DRY	DRY	DRY	DRY	DRY	DRY	DRY	YES	NS[2]	DRY
	3	Chemours PPA area stormwater discharge	Stormwater	Temporal Composite	DRY	DRY	DRY	DRY	DRY	DRY	DRY	YES	NS[2]	DRY
	4	Combined stormwater discharge from Kuraray northern leased area and Chemours PPA area	Stormwater	Temporal Composite	DRY	DRY	DRY	DRY	DRY	DRY	DRY	YES	NS[2]	DRY
	5	Kuraray southern leased area stormwater	Stormwater	Temporal Composite	DRY	DRY	DRY	DRY	DRY	DRY	DRY	YES	NS[2]	DRY
	10	Chemours Monomers IXM area stormwater discharge	Stormwater	Temporal Composite	YES	DRY	YES	YES	YES	YES	NS[5]	YES	NS[2]	DRY
	11	Stormwater discharge from portion of grassy field to north of decommissioned Chemours Teflon area	Stormwater	Temporal Composite	DRY	DRY	DRY	DRY	DRY	DRY	DRY	YES	NS[2]	DRY
Stormwater-NCCW	7A	Combined stormwater and NCCW discharge from western portion of the Facility	Stormwater-NCCW	Temporal Composite	YES	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES
	9	Chemours Monomers IXM NCCW and stormwater discharge including stormwater from Vinyl Ethers South and Vinyl Ethers North	Stormwater-NCCW	Temporal Composite	YES	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES
	10A	Combined Chemours Monomers IXM NCCW and stormwater discharge	Stormwater-NCCW	Temporal Composite	NS[4]	NS[4]	NS[4]	NS[4]	NS[4]	NS[4]	NS[4]	YES	NS[2]	YES
	12	DuPont area southern drainage ditch stormwater discharge and NCCW	Stormwater-NCCW	Temporal Composite	DRY	DRY	YES	DRY	YES	DRY	DRY	YES	NS[2]	YES
	13	DuPont area northern drainage ditch stormwater discharge and NCCW	Stormwater-NCCW	Temporal Composite	DRY	DRY	DRY	DRY	DRY	DRY	DRY	YES	NS[2]	DRY
	14	DuPont area southeast stormwater and NCCW discharge	Stormwater-NCCW	Temporal Composite	YES	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES
	15	Combined stormwater and NCCW discharge from eastern portion of the Facility	Stormwater-NCCW	Temporal Composite	YES	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES
	21A	Sediment Basin South	Stormwater-NCCW	Grab	YES	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES
	21B	Sediment Basin North	Stormwater-NCCW	Grab	NS[8]	NS[8]	NS[8]	NS[8]	NS[8]	NS[8]	NS[8]	NS[8]	NS[8]	NS[8]
Wastewater Treatment Plant	8	Outfall 001 treated non-Chemours process wastewater discharge to open channel to Outfall 002	Wastewater Treatment Plant	Temporal Composite	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	22	WWTP combined influent	Wastewater Treatment Plant	Grab/ Temporal Composite[9]	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES	YES
	23A	Kuraray northern leased area combined process wastewater and NCCW; open grate on Terracotta pipe	Wastewater Treatment Plant	Grab/ Temporal Composite[7]	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES	YES

TABLE 2
SUMMARY OF SAMPLES COLLECTED
Chemours Fayetteville Works, North Carolina

Sample Category	Sample Location ID	Sample Location Description	Sample Category	Sampling Method	Sample Collected									
					2019					2020				
					April (Q2)	June (Q2)	August (Q3)	October (Q4)	December (Q4)	January (Q1)	April (Q2)	May (Q2)[1]	June (Q2)[1]	August (Q3)
Combined Flows to Outfall 002	7B	Combined stormwater and NCCW discharge from western portion of the Facility and treated discharge from WWTP	Combined Flows to Outfall 002	Grab/ Temporal Composite[3]	YES	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES
	7C	Combined stormwater and NCCW discharge from western portion of the Facility, the eastern portion of the Facility, and the DuPont Area, and treated discharge from WWTP	Combined Flows to Outfall 002	Temporal Composite	NS[4]	NS[4]	NS[4]	NS[4]	NS[4]	NS[4]	NS[4]	YES	NS[2]	YES
	20	Outfall 002 pipe to Cape Fear River upstream of sump	Combined Flows to Outfall 002	Temporal Composite	YES	YES	YES	YES	YES	YES	YES	YES	NS[2]	YES
Chemours Process Wastewater	16	Chemours Monomers IXM Area combined process wastewater	Chemours Process Wastewater	Grab	YES	YES	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]
	17A	Chemours PPA Area waste acid trailer	Chemours Process Wastewater	Grab	YES	YES	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]
	17B	Chemours PPA Area waste rinse water trailer	Chemours Process Wastewater	Grab	YES	YES	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]

Notes:

Sample Events
- April 2019 event (Q2) - 24 April 2019
- June 2019 event (Q2) - 27 and 28 June 2019
- August 2019 event (Q3) - 21 and 22 August 2019
- October 2019 event (Q4) - 9 and 10 October 2019
- December 2019 event (Q4) - 20 and 23 December 2019
- January 2020 event (Q1) - 29 and 31 January 2020
- April 2020 event (Q2) - 28 April 2020
- May/June 2020 event (Q2) - 20 May and 3 June 2020
- August 2020 event (Q3) - 26 August 2020

Sample numbers refer to locations identified in Figure 2.

All temporal composite samples collected in dry weather were integrated over 4 hours. Temporal composite samples collected during the storm event in May 2020 were integrated over up to 2 hours to line up with the storm event.

1 - Samples collected in May 2020 and June 2020 are considered one sampling event, the May/June 2020 event, which was subdivided into a storm event in May for sample locations with stormwater flows with non-stormwater flow locations collected in June.

2 - For the May/June 2020 event, all locations that contain stormwater were sampled in the storm event in May. All locations that do not contain stormwater were sampled in the dry period in June. Location 8 was sampled in both the storm event in May and the dry period in June.

3 - Location 7B was collected as a grab sample for the April and June 2019 events due to limited autosampler availability. This location was collected as a temporal composite sample for the August 2019 event and all further sampling events.

4 - Locations 7C and 10A were added to the workplan beginning in 2020 Quarter 2 (May/June 2020 event).

5 - Locations 10 was not sampled in the April 2020 event because it was not hydraulically connected to the Outfall 002 at the time of sample collection, per recommendations from the fourth quarterly report of 2019 (Geosyntec, 2020b).

6 - Locations 16, 17A, and 17B were removed from the sampling program as these locations did not contribute flow to Outfall 002 and were consequently not sampled after 2019 Quarter 2.

7 - Locations 18 and 23A were collected as four grab samples over four hours during the August 2019 event to assess temporal variability at these locations. Due to temporal variability, subsequent samples were collected as temporal composites.

8 - Location 21B was not sampled to date because this sediment pond was not in use at the time of sampling.

9 - Location 22 was collected as a temporal composite beginning in the April 2020 event. All previous samples at this location were grab samples.

10 - Location 23B was added to the Sampling Plan after the April 2019 event. It was sampled during the June 2019 event was but was not sampled during the August 2019 event because it had insufficient water to collect a sample.

11 - Locations 24A and 24C were not sampled in October 2019 because these locations did not have flow due to Plant Turn Around.

IXM - ion exchange membrane

NCCW - non-contact cooling water

NS - Not sampled

PFAS - per- and polyfluoroalkyl substances

PPA - polymer processing aid

WWTP - Wastewater treatment plant

TABLE 3
PFAS AND ASSOCIATED ANALYTICAL METHODS
Chemours Fayetteville Works, North Carolina

Analytical Method	Common Name	Chemical Name	CASN	Chemical Formula
Table 3+ Lab SOP	HFPO-DA*	Hexafluoropropylene oxide dimer acid	13252-13-6	C6HF11O3
	PEPA	Perfluoro-2-ethoxypropionic acid	267239-61-2	C5HF9O3
	PFECA-G	Perfluoro-4-isopropoxybutanoic acid	801212-59-9	C12H9F9O3S
	PFMOAA	Perfluoro-2-methoxyacetic acid	674-13-5	C3HF5O3
	PFO2HxA	Perfluoro-3,5-dioxahexanoic acid	39492-88-1	C4HF7O4
	PFO3OA	Perfluoro-3,5,7-trioxaoctanoic acid	39492-89-2	C5HF9O5
	PFO4DA	Perfluoro-3,5,7,9-tetraoxadecanoic acid	39492-90-5	C6HF11O6
	PMPA	Perfluoro-2-methoxypropionic acid	13140-29-9	C4HF7O3
	Hydro-EVE Acid	2,2,3,3-tetrafluoro-3-({1,1,1,2,3,3-hexafluoro-3-[(1,2,2,2-tetrafluoroethyl)oxy]propan-2-yl}oxy)propionic acid	773804-62-9	C8H2F14O4
	EVE Acid	2,2,3,3-tetrafluoro-3-({1,1,1,2,3,3-hexafluoro-3-[(1,2,2-trifluoroethenyl)oxy]propan-2-yl}oxy)propionic acid	69087-46-3	C8HF13O4
	PFECA B	Perfluoro-3,6-dioxaheptanoic acid	151772-58-6	C5HF9O4
	R-EVE	Pentanoic acid, 4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5,5-octafluoro	2416366-22-6	C8H2F12O5
	PFO5DA	Perfluoro-3,5,7,9,11-pentaoxadodecanoic acid	39492-91-6	C7HF13O7
	R-PSDA	Pentanoic acid, 2,2,3,3,4,5,5,5-octafluoro-4-(1,1,2,2-tetrafluoro-2-sulfoethoxy)	2416366-18-0	C7H2F12O6S
	R-PSDCA	Ethanesulfonic acid, 1,1,2,2-tetrafluoro-2-[1,2,2,3,3-pentafluoro-1-(trifluoromethyl)propoxy]	2416366-21-5	C6H2F12O4S
	Hydrolyzed PSDA	Acetic acid, 2-fluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro-2-sulfoethoxy)propoxy]	2416366-19-1	C7H3F11O7S
	NVHOS	1,1,2,2,4,5,5,5-heptafluoro-3-oxapentanesulfonic acid; or 2-(1,2,2,2-ethoxy)tetrafluoroethanesulfonic acid; or 1-(1,1,2,2-tetrafluoro-2-sulfoethoxy)-1,2,2,2-tetafluoroethane	1132933-86-8	C4H2F8O4S
	PES	Perfluoro-2-ethoxyethanesulfonic acid	113507-82-7	C4HF9O4S
	PS Acid	Ethanesulfonic acid, 2-[1-[difluoro[(1,2,2-trifluoroethenyl)oxy]methyl]-1,2,2,2-tetrafluoroethoxy]-1,1,2,2-tetrafluoro	29311-67-9	C7HF13O5S
	Hydro-PS Acid	Ethanesulfonic acid, 2-[1-[difluoro(1,2,2,2-tetrafluoroethoxy)methyl]-1,2,2,2-tetrafluoroethoxy]-1,1,2,2-tetrafluoro	749836-20-2	C7H2F14O5S
EPA Method 537 Mod	PFBA	Perfluorobutanoic acid	375-22-4	C4HF7O2
	PFDA	Perfluorodecanoic acid	335-76-2	C10HF19O2
	PFDoA	Perfluorododecanoic acid	307-55-1	C12HF23O2
	PFHpA	Perfluoroheptanoic acid	375-85-9	C7HF13O2
	PFNA	Perfluorononanoic acid	375-95-1	C9HF17O2
	PFOA	Perfluorooctanoic acid	335-67-1	C8HF15O
	PFHxA	Perfluorohexanoic acid	307-24-4	C6HF11O2
	PFPeA	Perfluoropentanoic acid	2706-90-3	C5HF9O2
	PFTeA	Perfluorotetradecanoic acid	376-06-7	C14HF27O2
	PFTriA	Perfluorotridecanoic acid	72629-94-8	C13HF25O2
	PFUnA	Perfluoroundecanoic acid	2058-94-8	C11HF21O2
	PFBS	Perfluorobutanesulfonate	375-73-5	C4HF9SO
	PFDS	Perfluorodecanesulfonate	335-77-3	C10HF21O3S
	PFHpS	Perfluoroheptanesulfonic acid	375-92-8	C7HF15O3S
	PFHxS	Perfluorohexanesulfonic acid	355-46-4	C6HF13SO3
	PFNS	Perfluorononanesulfonate	68259-12-1	C9HF19O3S
	PFOS	Perfluorosulfonic acid	1763-23-1	C8HF17SO3
	PFPeS	Perfluoropentane sulfonic acid	2706-91-4	C5HF11O3S
	10:2 FTS	Fluorotelomer sulfonate 10:2	120226-60-0	C12H5F21O3
	4:2 FTS	Fluorotelomer sulfonate 4:2	757124-72-4	C6H5F9O3S
	6:2 FTS	Fluorotelomer sulfonate 6:2	27619-97-2	C8H5F13SO3
	8:2 FTS	Fluorotelomer sulfonate 8:2	39108-34-4	C10H5F17O3S
	NEtFOSAA	N-ethyl perfluorooctane sulfonamidoacetic acid	2991-50-6	C12H8F17NO4S
	NEtPFOSA	N-ethylperfluoro-1-octanesulfonamide	4151-50-2	C10H6F17NO2S
	NEtPFOSAE	N-ethyl perfluorooctane sulphonamidoethanol	1691-99-2	C12H10F17NO3S
	NMeFOSAA	N-methyl perfluorooctane sulfonamidoacetic acid	2355-31-9	C11H6F17NO4S
	NMePFOSA	N-methyl perfluoro-1-octanesulfonamide	31506-32-8	C9H4F17NO2S
	NMePFOSAE	N-methyl perfluorooctane sulfonamidoethanol	24448-09-7	C11H8F17NO3S
	PFDOS	Perfluorododecanesulfonic acid	79780-39-5	C12HF25O3S
	PFHxDA	Perfluorohexadecanoic acid	67905-19-5	C16HF31O2
	PFODA	Perfluorooctadecanoic acid	16517-11-6	C18HF35O2
	PFOSA	Perfluorooctane Sulfonamide	754-91-6	C8H2F17NO2S
	F-53B Major	F-53B Major	73606-19-6	C8HClF16O4S
	F-53B Minor	F-53B Minor	83329-89-9	C10HClF20O4S
	ADONA	4,8-dioxa-3H-perfluorononanoate	958445-44-8	C7H2F12O4
	NaDONA	NaDONA	EVS1361	--
	DONA	DONA	919005-14-4	--

Notes:

*HFPO-DA may also appear on the EPA Method 537 Mod analyte list

EPA - Environmental Protection Agency

PFAS - per- and polyfluoroalkyl substances

SOP - Standard Operating Procedure

TABLE 4
SUMMARY STATISTICS FOR HFPO-DA, PFMOAA, AND PMPA
Chemours Fayetteville Works, North Carolina

Sample Category	Sample Location ID	Sample Location Description	HFPO-DA (ng/L)					PFMOAA (ng/L)					PMPA (ng/L)				
			No. of Samples	No. of Detects	Minimum	Median	Maximum	No. of Samples	No. of Detects	Minimum	Median	Maximum	No. of Samples	No. of Detects	Minimum	Median	Maximum
Intake River Water at Facility	1	Discharge point of excess river water (i.e., water drawn from the Cape Fear River, but not used as process water or NCCW) to characterize background levels of PFAS	9	9	9.8	13	30	9	6	5	9.8	25	9	9	17	26	60
Non-Chemours Process Wastewater	18	Kuraray process wastewater	12	12	3.6	8.6	120	12	0	-	-	-	12	6	15	20	64
	19A	DuPont process wastewater, Plant 1	9	9	4.2	18	380	9	3	5.5	8.7	16	9	7	13	27	340
	19B	DuPont process wastewater, Plant 2	9	9	2.2	22	75	9	3	5.6	14	37	9	6	12	38	120
	23B	Kuraray laboratory process wastewater	7	7	17	35	3,200	7	6	3.7	16	200	7	6	24	32	21,000
NCCW	6A	Kuraray southern leased area NCCW discharge - Vacuum Condenser	9	9	6.7	19	66	9	4	9.9	13	24	9	9	14	30	80
	6B	Kuraray southern leased area NCCW discharge - Resins Area	9	9	4.5	17	41	9	4	8.9	11	31	9	9	17	26	53
	24A	Chemours Monomers IXM Vinyl Ethers South NCCW	15	15	8.7	17	38	15	10	6.9	10	18	15	15	21	28	96
	24B	Chemours Monomers IXM Line 3 and Line 4 Extruder NCCW	10	10	4.7	11	16	10	6	3.2	12	15	10	10	16	23	33
	24C	Chemours Monomers IXM Water Return Header NCCW	8	8	5.6	15	270	8	5	3	10	15	8	8	14	27	61
Stormwater	2	Kuraray northern leased area stormwater discharge	1	1	2,700	2,700	2,700	1	0	-	-	-	1	1	220	220	220
	3	Chemours PPA area stormwater discharge	1	1	2,700	2,700	2,700	1	0	-	-	-	1	0	-	-	-
	4	Combined stormwater discharge from Kuraray northern leased area and Chemours PPA area	1	1	620	620	620	1	1	12	12	12	1	1	65	65	65
	5	Kuraray southern leased area stormwater	1	1	100	100	100	1	0				1	1	68	68	68
	10[1]	Chemours Monomers IXM area stormwater discharge	1	1	1,700	1,700	1,700	1	1	5,300	5,300	5,300	1	0	-	-	-
	11	Stormwater discharge from portion of grassy field to north of decommissioned Chemours Teflon area	1	1	320	320	320	1	1	46	46	46	1	1	120	120	120
Stormwater-NCCW	7A	Combined stormwater and NCCW discharge from western portion of the Facility	9	9	7.8	14	200	9	6	5.2	10	14	9	9	15	24	69
	9	Chemours Monomers IXM NCCW and stormwater discharge including stormwater from Vinyl Ethers South and Vinyl Ethers North	9	9	25	55	3200	9	8	5.7	14	390	9	8	18	34	1,000
	10A	Combined Chemours Monomers IXM NCCW and stormwater discharge	2	2	56	1,300	2,600	2	1	13,000	13,000	13,000	2	0	-	-	-
	12	DuPont area southern drainage ditch stormwater discharge and NCCW	5	5	15	20	77	5	3	12	12	20	5	5	26	52	83
	13	DuPont area northern drainage ditch stormwater discharge and NCCW	1	1	640	640	640	1	1	50	50	50	1	1	190	190	190
	14	DuPont area southeast stormwater and NCCW discharge	8	8	12	20	120	8	4	8.1	14	25	8	8	15	34	68
	15	Combined stormwater and NCCW discharge from eastern portion of the Facility	11	11	34	51	3,000	11	9	8.4	15	2,700	11	10	23	35	680
	21A	Sediment Basin South	9	9	16	43	420	9	8	9.5	14	110	9	9	23	43	180
	21B[3]	Sediment Basin North	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wastewater Treatment Plant	8	Outfall 001 treated non-Chemours process wastewater discharge to open channel to Outfall 002	10	10	96	210	500	10	9	88	280	20,000	10	8	38	100	1,000
	22	WWTP combined influent	10	8	27	67	170	10	7	25	56	230	10	7	11	37	1,500
	23A	Kuraray northern leased area combined process wastewater and NCCW; open grate on Terracotta pipe	12	12	570	870	25,000	12	12	320	1,200	1,800	12	6	33	100	1,300
Combined Flows to Outfall 002	7B	Combined stormwater and NCCW discharge from western portion of the Facility and treated discharge from WWTP	10	10	16	21	200	10	10	9.8	46	1,100	10	10	19	27	66
	7C	Combined stormwater and NCCW discharge from western portion of the Facility, the eastern portion of the Facility, and the DuPont Area, and treated discharge from WWTP	2	2	24	240	460	2	2	36	210	380	2	2	63	82	100
	20	Outfall 002 pipe to Cape Fear River upstream of sump	15	15	30	50	940	15	14	13	33	850	15	14	27	33	200
Chemours Process Wastewater	16[2]	Chemours Monomers IXM Area combined process wastewater	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17A[2]	Chemours PPA Area waste acid trailer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17B[2]	Chemours PPA Area waste rinse water trailer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes

Sample numbers refer to locations identified in Figure 2.

The summary statistics and number of samples collected reflect the total number of samples collected throughout the initial characterization period, including field duplicates.

HFPO-DA - Hexafluoropropylene oxide dimer acid

IXM - ion exchange membrane

ng/L - nanograms per liter

NCCW - non-contact cooling water

PFAS - per- and polyfluoroalkyl substances

PFMOAA - Perfluoro-2-methoxyacetic acid

PMPA - Perfluoromethoxypropyl carboxylic acid

PPA - polymer processing aid

WWTP - Wastewater treatment plant

1 - The summary statistics and number of samples collected for Location 10 reflect the wet weather May/June 2020 event only.

2 - Locations 16, 17A, 17B were initially in the sampling program but were removed because they do not reach Outfall 002. Summary statistics were not computed for these locations.

3 - Location 21B was not sampled to date because this sediment pond was not in use at the time of sampling.

TABLE 5
SUMMARY STATISTICS FOR TOTAL TABLE 3+ (17 COMPOUNDS), TOTAL TABLE 3+ (20 COMPOUNDS), AND TOTAL EPA METHOD 537
Chemours Fayetteville Works, North Carolina

Sample Category	Sample Location ID	Sample Location Description	Total Table 3+ (17 Compounds) (ng/L)				Total Table 3+ (20 Compounds) (ng/L)				EPA Method 537 Mod (ng/L)			
			No. of Samples	Minimum	Median	Maximum	No. of Samples	Minimum	Median	Maximum	No. of Samples	Minimum	Median	Maximum
Intake River Water at Facility	1	Discharge point of excess river water (i.e., water drawn from the Cape Fear River, but not used as process water or NCCW) to characterize background levels of PFAS	9	48	58	120	9	60	76	150	9	30	55	190
Non-Chemours Process Wastewater	18	Kuraray process wastewater	12	6.4	32	260	12	6.4	39	360	12	9	32	120
	19A	DuPont process wastewater, Plant 1	9	18	49	970	9	18	49	980	9	5.9	28	99
	19B	DuPont process wastewater, Plant 2	9	4.9	67	510	9	4.9	68	510	9	15	26	74
	23B	Kuraray laboratory process wastewater	7	110	150	34,000	7	140	170	36,000	7	33	52	730
NCCW	6A	Kuraray southern leased area NCCW discharge - Vacuum Condenser	9	30	81	150	9	43	100	190	9	41	60	190
	6B	Kuraray southern leased area NCCW discharge - Resins Area	9	28	67	150	9	30	85	150	9	35	54	380
	24A	Chemours Monomers IXM Vinyl Ethers South NCCW	15	52	77	280	15	65	92	280	15	31	64	130
	24B	Chemours Monomers IXM Line 3 and Line 4 Extruder NCCW	10	36	54	120	10	46	66	130	10	26	51	190
	24C	Chemours Monomers IXM Water Return Header NCCW	8	44	85	2,600	8	66	140	4,500	8	24	53	120
Stormwater	2	Kuraray northern leased area stormwater discharge	1	3,000	3,000	3,000	1	3,100	3,100	3,100	1	18	18	18
	3	Chemours PPA area stormwater discharge	1	2,800	2,800	2,800	1	2,800	2,800	2,800	1	44	44	44
	4	Combined stormwater discharge from Kuraray northern leased area and Chemours PPA area	1	720	720	720	1	740	740	740	1	9	9	9
	5	Kuraray southern leased area stormwater	1	280	280	280	1	420	420	420	1	20	20	20
	10[1]	Chemours Monomers IXM area stormwater discharge	1	9,800	9,800	9,800	1	11,000	11,000	11,000	1	130	130	130
	11	Stormwater discharge from portion of grassy field to north of decommissioned Chemours Teflon area	1	1,200	1,200	1,200	1	1,600	1,600	1,600	1	130	130	130
Stormwater-NCCW	7A	Combined stormwater and NCCW discharge from western portion of the Facility	9	41	60	810	9	52	73	1,000	9	31	60	190
	9	Chemours Monomers IXM NCCW and stormwater discharge including stormwater from Vinyl Ethers South and Vinyl Ethers North	9	110	300	12,000	9	170	550	16,000	9	41	63	410
	10A	Combined Chemours Monomers IXM NCCW and stormwater discharge	2	370	11,000	21,000	2	750	12,000	24,000	2	56	160	260
	12	DuPont area southern drainage ditch stormwater discharge and NCCW	5	65	110	230	5	80	120	300	5	75	83	180
	13	DuPont area northern drainage ditch stormwater discharge and NCCW	1	1,300	1,300	1,300	1	1,700	1,700	1,700	1	84	84	84
	14	DuPont area southeast stormwater and NCCW discharge	8	47	86	210	8	53	90	240	8	36	98	280
	15	Combined stormwater and NCCW discharge from eastern portion of the Facility	11	140	510	13,000	11	210	1,000	17,000	11	38	100	420
	21A	Sediment Basin South	9	55	170	1,800	9	59	190	3,000	9	37	82	180
	21B[2]	Sediment Basin North	-	-	-	-	-	-	-	-	-	-	-	-
Wastewater Treatment Plant	8	Outfall 001 treated non-Chemours process wastewater discharge to open channel to Outfall 002	10	560	1,600	31,000	10	930	2,100	36,000	10	32	71	160
	22	WWTP combined influent	10	93	290	4,400	10	390	680	18,000	10	32	74	140
	23A	Kuraray northern leased area combined process wastewater and NCCW; open grate on Terracotta pipe	12	5,600	15,000	40,000	12	7,800	20,000	48,000	12	110	300	960
Combined Flows to Outfall 002	7B	Combined stormwater and NCCW discharge from western portion of the Facility and treated discharge from WWTP	10	71	190	1,900	10	120	310	3,200	10	33	92	960
	7C	Combined stormwater and NCCW discharge from western portion of the Facility, the eastern portion of the Facility, and the DuPont Area, and treated discharge from WWTP	2	220	1,100	2,000	2	340	1,500	2,600	2	45	78	110
	20	Outfall 002 pipe to Cape Fear River upstream of sump	15	120	200	4,000	15	180	310	5,300	15	34	60	430
Chemours Process Wastewater	16[3]	Chemours Monomers IXM Area combined process wastewater	-	-	-	-	-	-	-	-	-	-	-	-
	17A[3]	Chemours PPA Area waste acid trailer	-	-	-	-	-	-	-	-	-	-	-	-
	17B[3]	Chemours PPA Area waste rinse water trailer	-	-	-	-	-	-	-	-	-	-	-	-

Notes
Sample numbers refer to locations identified in Figure 2.
The summary statistics and number of samples collected reflect the total number of samples collected throughout the initial characterization period, including field duplicates.
Total Table 3+ (17 compounds) concentration includes HFPO-DA results evaluated by EPA Method 537 Mod and does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
Non-detect values were not included in sum of Total Table 3+ results or EPA Method 537 Mod.
Total Table 3+ and EPA Method 537 Mod results include J-qualified data.
HFPO-DA - Hexafluoropropylene oxide dimer acid
Hydrolyzed PSDA - Acetic acid, 2-fluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro-2-sulfoethoxy)propoxy]-
IXM - ion exchange membrane
ng/L - nanograms per liter
NCCW - non-contact cooling water
PFAS - per- and polyfluoroalkyl substances
PPA - polymer processing aid
R-EVE - Pentanoic acid, 4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5,5-octafluoro-
R-PSDA - Pentanoic acid, 2,2,3,3,4,5,5,5-octafluoro-4-(1,1,2,2-tetrafluoro-2-sulfoethoxy)-
WWTP - Wastewater treatment plant
1 - The summary statistics and number of samples collected for Location 10 reflect the wet weather May/June 2020 event only.
2 - Location 21B was not sampled to date because this sediment pond was not in use at the time of sampling.
3 - Locations 16, 17A, 17B were initially in the sampling program but were removed because they do not reach Outfall 002. Summary staistics were not computed for these locations.

TABLE 6
WILCOXON RANK SUM TEST RESULTS FOR COMPARISON TO LOCATION 1 (INTAKE RIVER WATER AT FACILITY)
Chemours Fayetteville Works, North Carolina

Sample Category	Sample Location ID	Sample Location Description	Total Table 3+ (ng/L)			EPA Method 537 Mod (ng/L)		
			Result	p-value	Interpretation[1]	Result	p-value	Interpretation[1]
Intake River Water at Facility	1	Discharge point of excess river water (i.e., water drawn from the Cape Fear River, but not used as process water or NCCW) to characterize background levels of PFAS	-	-	-	-	-	-
Non-Chemours Process Wastewater	18	Kuraray process wastewater	-2.71	**0.00666**	Lower	-2.42	**0.01531**	Lower
	19A	DuPont process wastewater, Plant 1	-1.10	0.26969	Not Different	-2.52	**0.01185**	Lower
	19B	DuPont process wastewater, Plant 2	-0.57	0.56599	Not Different	-2.25	**0.02434**	Lower
	23B	Kuraray laboratory process wastewater	3.13	**0.00175**	Higher	0.32	0.74939	Not Different
NCCW	6A	Kuraray southern leased area NCCW discharge - Vacuum Condenser	0.93	0.35384	Not Different	0.66	0.50780	Not Different
	6B	Kuraray southern leased area NCCW discharge - Resins Area	0.04	0.96478	Not Different	0.40	0.69110	Not Different
	24A	Chemours Monomers IXM Vinyl Ethers South NCCW	1.06	0.29020	Not Different	1.60	0.11029	Not Different
	24B	Chemours Monomers IXM Line 3 and Line 4 Extruder NCCW	-1.21	0.22648	Not Different	-0.60	0.54535	Not Different
	24C	Chemours Monomers IXM Water Return Header NCCW	1.05	0.29362	Not Different	-0.21	0.83363	Not Different
Stormwater	2	Kuraray northern leased area stormwater discharge	2.88	**0.00395**	Higher[2]	-0.96	0.33667	Not Different[2]
	3	Chemours PPA area stormwater discharge	2.88	**0.00395**	Higher[2]	-0.96	0.33667	Not Different[2]
	4	Combined stormwater discharge from Kuraray northern leased area and Chemours PPA area	2.88	**0.00395**	Higher[2]	-0.96	0.33667	Not Different[2]
	5	Kuraray southern leased area stormwater	2.88	**0.00395**	Higher[2]	-0.96	0.33667	Not Different[2]
	10	Chemours Monomers IXM area stormwater discharge	2.88	**0.00395**	Higher[2]	-0.96	0.33667	Not Different[2]
	11	Stormwater discharge from portion of grassy field to north of decommissioned Chemours Teflon area	2.88	**0.00395**	Higher[2]	-0.96	0.33667	Not Different[2]
Stormwater-NCCW	7A	Combined stormwater and NCCW discharge from western portion of the Facility	0.04	0.96478	Not Different	0.62	0.53650	Not Different
	9	Chemours Monomers IXM NCCW and stormwater discharge including stormwater from Vinyl Ethers South and Vinyl Ethers North	3.49	**0.00049**	Higher	1.55	0.12228	Not Different
	10A	Combined Chemours Monomers IXM NCCW and stormwater discharge	-	-	NA[3]	-	-	NA[3]
	12	DuPont area southern drainage ditch stormwater discharge and NCCW	1.15	0.25059	Not Different	1.78	0.07580	Not Different
	13	DuPont area northern drainage ditch stormwater discharge and NCCW	-	-	NA[3]	-	-	NA[3]
	14	DuPont area southeast stormwater and NCCW discharge	0.74	0.46225	Not Different	1.05	0.29362	Not Different
	15	Combined stormwater and NCCW discharge from eastern portion of the Facility	3.97	**0.00007**	Higher	1.67	0.09404	Not Different
	21A	Sediment Basin South	2.69	**0.00708**	Higher	0.13	0.89463	Not Different
	21B	Sediment Basin North	-	-	NA[4]	-	-	NA[4]
Wastewater Treatment Plant	8	Outfall 001 treated non-Chemours process wastewater discharge to open channel to Outfall 002	3.78	**0.00016**	Higher	0.60	0.54535	Not Different
	22	WWTP combined influent	3.33	**0.00088**	Higher	-0.45	0.65015	Not Different
	23A	Kuraray northern leased area combined process wastewater and NCCW; open grate on Terracotta pipe	4.16	**0.00003**	Higher	4.04	**0.00005**	Not Different
Combined Flows to Outfall 002	7B	Combined stormwater and NCCW discharge from western portion of the Facility and treated discharge from WWTP	3.10	**0.00194**	Higher	0.91	0.36435	Not Different
	7C	Combined stormwater and NCCW discharge from western portion of the Facility, the eastern portion of the Facility, and the DuPont Area, and treated discharge from WWTP	-	-	NA[3]	-	-	NA[3]
	20	Outfall 002 pipe to Cape Fear River upstream of sump	4.67	**0.00000**	Higher	1.27	0.20584	Not Different
Chemours Process Wastewater	16	Chemours Monomers IXM Area combined process wastewater	-	-	NA[5]			NA[5]
	17A	Chemours PPA Area waste acid trailer	-	-	NA[5]			NA[5]
	17B	Chemours PPA Area waste rinse water trailer	-	-	NA[5]			NA[5]

Notes

Sample numbers refer to locations identified in Figure 2.

The Wilcoxon Rank Sum test was used to compare whether the total Table 3+ concentrations and EPA Method 537 Mod concentrations in samples collected at the subject location were higher or lower than concentrations in the samples collected at Location 1.

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.

Non-detect values were not included in the sum of Total Table 3+ results or EPA Method 537 Mod.

Total Table 3+ and EPA Method 537 Mod results include J-qualified data.

HFPO-DA - Hexafluoropropylene oxide dimer acid

Hydrolyzed PSDA - Acetic acid, 2-fluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro-2-sulfoethoxy)propoxy]-

IXM - ion exchange membrane

ng/L - nanograms per liter

NCCW - non-contact cooling water

PFAS - per- and polyfluoroalkyl substances

PPA - polymer processing aid

R-EVE - Pentanoic acid, 4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5,5-octafluoro-

R-PSDA - Pentanoic acid, 2,2,3,3,4,5,5,5-octafluoro-4-(1,1,2,2-tetrafluoro-2-sulfoethoxy)-

WWTP - Wastewater treatment plant

1 - Higher: Concentrations at this location are significantly higher than Location 1 (Intake River Water at Facility)
Lower: Concentrations at this location are significantly lower than Location 1 (Intake River Water at Facility)
Not Different: Concentrations at this location are not signficantly different than Location 1 (Intake River Water at Facility)

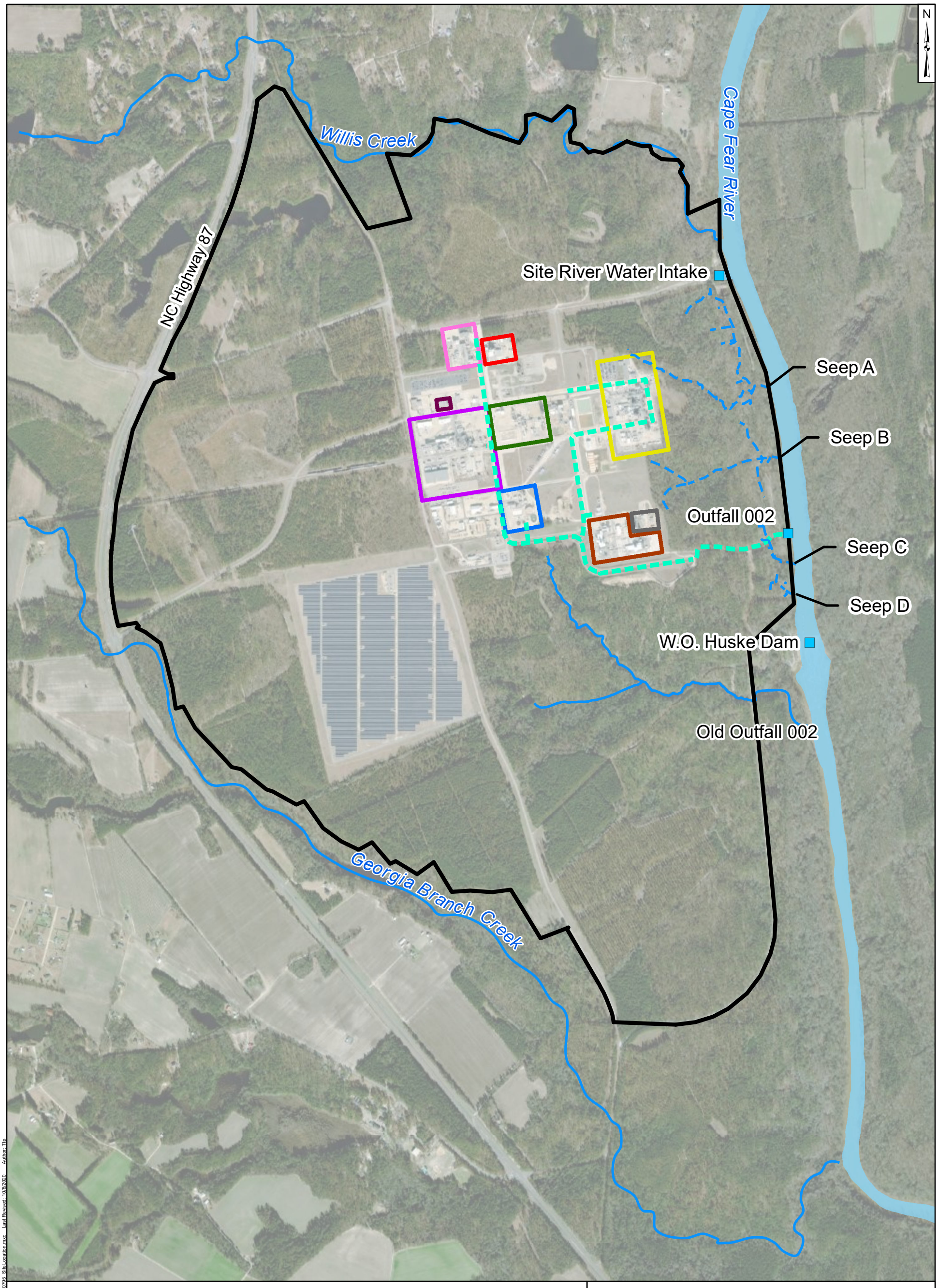
2 - Because the stormwater locations only had results from one (1) sampling event (May/June 2020), results from all stormwater locations were grouped into one dataset and compared to concentrations at Location 1.

3 - There were not enough samples at this location for comparison to Location 1 (Intake River Water at Facility)

4 - Location 21B was not sampled to date because this sediment pond was not in use at the time of sampling.

5 - Locations 16, 17A, 17B were initially in the sampling program but were removed because they do not reach Outfall 002. Comparison to Location 1 was not analyzed for these locations.

FIGURES



Legend

- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network

Areas at Site

- Chemours Monomers IXM
- Chemours Polymer Processing Aid Area
- DuPont Polyvinyl Fluoride Leased Area
- Former DuPont PMDF Area
- Kuraray SentryGlas® Leased Area
- Kuraray Trosifol® Leased Area
- Wastewater Treatment Plant
- Power - Filtered and Demineralized Water Production
- Kuraray Laboratory

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

1,000 500 0 1,000 Feet

Site Location Map

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

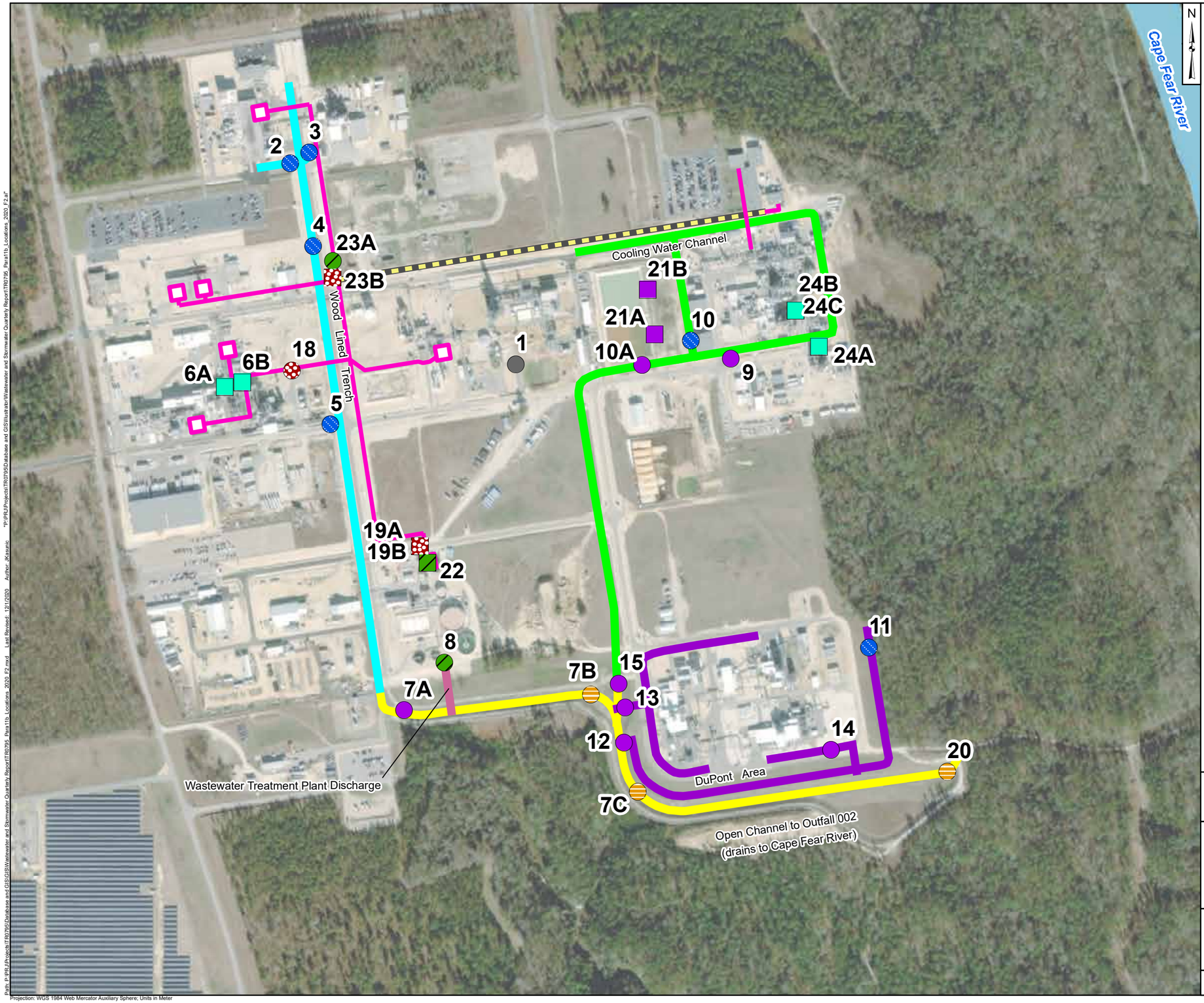
Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295

Raleigh | October 2020

Figure 1

Path: P:\PR\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_Site Location.mxd Last Revised: 10/8/2020 Author: Tip

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



Legend

- Temporal Composite Sample
- Grab Sample

Sample Location Category

- Intake River Water at Facility
- Non-Chemours Process Wastewater
- Non-Contact Cooling Water (NCCW)
- Stormwater
- Stormwater-NCCW
- Wastewater Treatment Plant
- Combined Flows to Outfall 002

Ditch Type

- Wood Lined Trench
- Wastewater Treatment Plant Discharge
- Cooling Water Channel
- Open Channel to Outfall 002
- DuPont Area

Other Connections

- Pipe Connection to Facility
- Terracotta Pipe and Piping Connected to Terracotta Pipe
- Grouted Pipe Section

Notes:
1. Intake River Water at Facility sample location represents background concentrations of PFAS.
2. Non-Chemours Process Wastewater sample locations represent process wastewater from non-Chemours manufacturing areas.
3. Non-Contact Cooling Water (NCCW) sample locations represent non-process wastewater from Kuraray and Chemours manufacturing areas.
4. Stormwater sample locations represent stormwater only.
5. Stormwater-NCCW sample locations represent both stormwater and non-process wastewater from throughout the Facility.
6. Wastewater Treatment Plant sample locations represent process wastewater from non-Chemours manufacturing areas and non-process wastewater from throughout the Facility.
7. Combined Flows to Outfall 002 represent process wastewater, non-process wastewater, and stormwater from throughout the Facility.
8. Basemap Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

500 250 0 500 Feet

Paragraph 11(b) Sample Locations

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

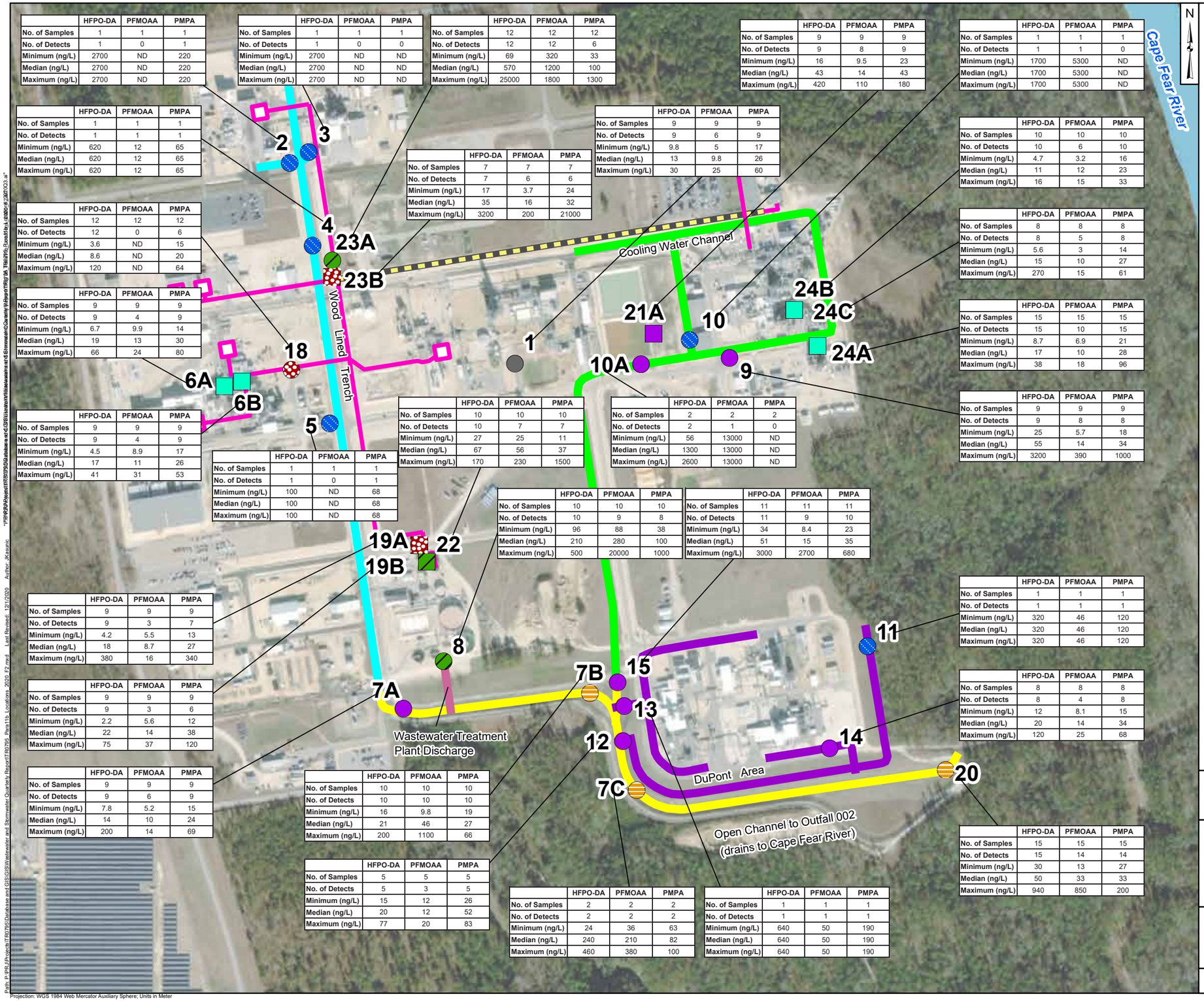
Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295

Raleigh | December 2020

Figure 2

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Wastewater and Stormwater Quarterly Report\TR0795_Para11b_Locations_2020_F2.mxd Last Revised: 12/1/2020 Author: JKasanic *P:\PRJ\Projects\TR0795\Database and GIS\Illustrator\Wastewater and Stormwater Quarterly Report\TR0795_Para11b_Locations_2020_F2.ai*

Projection: WGS 1984 Web Mercator Auxiliary Sphere; Units in Meter



	HFPO-DA	PFMOAA	PMPA
No. of Samples	1	1	1
No. of Detects	1	0	1
Minimum (ng/L)	2700	ND	220
Median (ng/L)	2700	ND	220
Maximum (ng/L)	2700	ND	220

	HFPO-DA	PFMOAA	PMPA
No. of Samples	1	1	1
No. of Detects	1	0	0
Minimum (ng/L)	2700	ND	ND
Median (ng/L)	2700	ND	ND
Maximum (ng/L)	2700	ND	ND

	HFPO-DA	PFMOAA	PMPA
No. of Samples	12	12	12
No. of Detects	12	12	6
Minimum (ng/L)	69	320	33
Median (ng/L)	570	1200	100
Maximum (ng/L)	25000	1800	1300

	HFPO-DA	PFMOAA	PMPA
No. of Samples	9	9	9
No. of Detects	9	8	9
Minimum (ng/L)	16	9.5	23
Median (ng/L)	43	14	43
Maximum (ng/L)	420	110	180

	HFPO-DA	PFMOAA	PMPA
No. of Samples	1	1	1
No. of Detects	1	1	0
Minimum (ng/L)	1700	5300	ND
Median (ng/L)	1700	5300	ND
Maximum (ng/L)	1700	5300	ND

	HFPO-DA	PFMOAA	PMPA
No. of Samples	1	1	1
No. of Detects	1	1	1
Minimum (ng/L)	620	12	65
Median (ng/L)	620	12	65
Maximum (ng/L)	620	12	65

	HFPO-DA	PFMOAA	PMPA
No. of Samples	9	9	9
No. of Detects	9	6	9
Minimum (ng/L)	9.8	5	17
Median (ng/L)	13	9.8	26
Maximum (ng/L)	30	25	60

	HFPO-DA	PFMOAA	PMPA
No. of Samples	10	10	10
No. of Detects	10	6	10
Minimum (ng/L)	4.7	3.2	16
Median (ng/L)	11	12	23
Maximum (ng/L)	16	15	33

	HFPO-DA	PFMOAA	PMPA
No. of Samples	7	7	7
No. of Detects	7	6	6
Minimum (ng/L)	17	3.7	24
Median (ng/L)	35	16	32
Maximum (ng/L)	3200	200	21000

	HFPO-DA	PFMOAA	PMPA
No. of Samples	12	12	12
No. of Detects	12	0	6
Minimum (ng/L)	3.6	ND	15
Median (ng/L)	8.6	ND	20
Maximum (ng/L)	120	ND	64

	HFPO-DA	PFMOAA	PMPA
No. of Samples	8	8	8
No. of Detects	8	5	8
Minimum (ng/L)	5.6	3	14
Median (ng/L)	15	10	27
Maximum (ng/L)	270	15	61

	HFPO-DA	PFMOAA	PMPA
No. of Samples	9	9	9
No. of Detects	9	4	9
Minimum (ng/L)	6.7	9.9	14
Median (ng/L)	19	13	30
Maximum (ng/L)	66	24	80

	HFPO-DA	PFMOAA	PMPA
No. of Samples	15	15	15
No. of Detects	15	10	15
Minimum (ng/L)	8.7	6.9	21
Median (ng/L)	17	10	28
Maximum (ng/L)	38	18	96

	HFPO-DA	PFMOAA	PMPA
No. of Samples	9	9	9
No. of Detects	9	4	9
Minimum (ng/L)	4.5	8.9	17
Median (ng/L)	17	11	26
Maximum (ng/L)	41	31	53

	HFPO-DA	PFMOAA	PMPA
No. of Samples	10	10	10
No. of Detects	10	7	7
Minimum (ng/L)	27	25	11
Median (ng/L)	67	56	37
Maximum (ng/L)	170	230	1500

	HFPO-DA	PFMOAA	PMPA
No. of Samples	2	2	2
No. of Detects	2	1	0
Minimum (ng/L)	56	13000	ND
Median (ng/L)	1300	13000	ND
Maximum (ng/L)	2600	13000	ND

	HFPO-DA	PFMOAA	PMPA
No. of Samples	9	9	9
No. of Detects	9	8	8
Minimum (ng/L)	25	5.7	18
Median (ng/L)	55	14	34
Maximum (ng/L)	3200	390	1000

	HFPO-DA	PFMOAA	PMPA
No. of Samples	1	1	1
No. of Detects	1	0	1
Minimum (ng/L)	100	ND	68
Median (ng/L)	100	ND	68
Maximum (ng/L)	100	ND	68

	HFPO-DA	PFMOAA	PMPA
No. of Samples	10	10	10
No. of Detects	10	9	8
Minimum (ng/L)	96	88	38
Median (ng/L)	210	280	100
Maximum (ng/L)	500	20000	1000

	HFPO-DA	PFMOAA	PMPA
No. of Samples	11	11	11
No. of Detects	11	9	10
Minimum (ng/L)	34	8.4	23
Median (ng/L)	51	15	35
Maximum (ng/L)	3000	2700	680

	HFPO-DA	PFMOAA	PMPA
No. of Samples	1	1	1
No. of Detects	1	1	1
Minimum (ng/L)	320	46	120
Median (ng/L)	320	46	120
Maximum (ng/L)	320	46	120

	HFPO-DA	PFMOAA	PMPA
No. of Samples	9	9	9
No. of Detects	9	3	7
Minimum (ng/L)	4.2	5.5	13
Median (ng/L)	18	8.7	27
Maximum (ng/L)	380	16	340

	HFPO-DA	PFMOAA	PMPA
No. of Samples	8	8	8
No. of Detects	8	4	8
Minimum (ng/L)	12	8.1	15
Median (ng/L)	20	14	34
Maximum (ng/L)	120	25	68

	HFPO-DA	PFMOAA	PMPA
No. of Samples	9	9	9
No. of Detects	9	3	6
Minimum (ng/L)	2.2	5.6	12
Median (ng/L)	22	14	38
Maximum (ng/L)	75	37	120

	HFPO-DA	PFMOAA	PMPA
No. of Samples	9	9	9
No. of Detects	9	6	9
Minimum (ng/L)	7.8	5.2	15
Median (ng/L)	14	10	24
Maximum (ng/L)	200	14	69

	HFPO-DA	PFMOAA	PMPA
No. of Samples	10	10	10
No. of Detects	10	10	10
Minimum (ng/L)	16	9.8	19
Median (ng/L)	21	46	27
Maximum (ng/L)	200	1100	66

	HFPO-DA	PFMOAA	PMPA
No. of Samples	5	5	5
No. of Detects	5	3	5
Minimum (ng/L)	15	12	26
Median (ng/L)	20	12	52
Maximum (ng/L)	77	20	83

	HFPO-DA	PFMOAA	PMPA
No. of Samples	2	2	2
No. of Detects	2	2	2
Minimum (ng/L)	24	36	63
Median (ng/L)	240	210	82
Maximum (ng/L)	460	380	100

	HFPO-DA	PFMOAA	PMPA
No. of Samples	1	1	1
No. of Detects	1	1	1
Minimum (ng/L)	640	50	190
Median (ng/L)	640	50	190
Maximum (ng/L)	640	50	190

	HFPO-DA	PFMOAA	PMPA
No. of Samples	15	15	15
No. of Detects	15	14	14
Minimum (ng/L)	30	13	27
Median (ng/L)	50	33	33
Maximum (ng/L)	940	850	200

Legend

- Temporal Composite Sample
- Grab Sample

Sample Location Category

- Intake River Water at Facility
- Non-Chemours Process Wastewater
- Non-Contact Cooling Water (NCCW)
- Stormwater
- Stormwater-NCCW
- Wastewater Treatment Plant
- Combined Flows to Outfall 002

Ditch Type

- Wood Lined Trench
- Wastewater Treatment Plant Discharge
- Cooling Water Channel
- Open Channel to Outfall 002
- DuPont Area

Other Connections

- Pipe Connection to Facility
- Terracotta Pipe and Piping Connected to Terracotta Pipe
- Grouted Pipe Section

Notes:
ND - non detect
ng/L - nanograms per liter
HFPO-DA - Hexafluoropropylene oxide dimer acid
PFMOAA - Perfluoro-2-methoxyacetic acid
PMPA - Perfluoromethoxypropyl carboxylic acid
1. See text for sample collection dates.
2. All concentrations are in ng/L.
3. Temporal composite samples were collected over a 4 hour interval.
4. Summary statistics (minimum, median, maximum) presented for detected concentrations only.
5. Location 10 summary statistics presented for May/June 2020 event only.

500 250 0 500 Feet

HFPO-DA, PFMOAA, and PMPA Summary Statistics – Locations that Reach Outfall 002 – All Events

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

Raleigh | December 2020

Figure 3A

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	1	1
Minimum (ng/L)	3000	18
Median (ng/L)	3000	18
Maximum (ng/L)	3000	18

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	1	1
Minimum (ng/L)	2800	44
Median (ng/L)	2800	44
Maximum (ng/L)	2800	44

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	11	12
Minimum (ng/L)	5600	110
Median (ng/L)	18000	300
Maximum (ng/L)	40000	960

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	9	9
Minimum (ng/L)	55	37
Median (ng/L)	170	82
Maximum (ng/L)	1800	180

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	6	1
Minimum (ng/L)	480	130
Median (ng/L)	7100	130
Maximum (ng/L)	61000	130

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	1	1
Minimum (ng/L)	720	9
Median (ng/L)	720	9
Maximum (ng/L)	720	9

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	9	9
Minimum (ng/L)	48	30
Median (ng/L)	58	55
Maximum (ng/L)	120	190

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	10	10
Minimum (ng/L)	36	26
Median (ng/L)	54	51
Maximum (ng/L)	120	190

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	7	7
Minimum (ng/L)	110	33
Median (ng/L)	150	52
Maximum (ng/L)	34000	730

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	8	8
Minimum (ng/L)	44	24
Median (ng/L)	85	53
Maximum (ng/L)	2600	120

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	12	12
Minimum (ng/L)	6.4	9
Median (ng/L)	32	32
Maximum (ng/L)	260	120

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	15	15
Minimum (ng/L)	52	31
Median (ng/L)	77	64
Maximum (ng/L)	280	130

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	9	9
Minimum (ng/L)	30	41
Median (ng/L)	81	60
Maximum (ng/L)	150	190

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	10	10
Minimum (ng/L)	93	32
Median (ng/L)	290	74
Maximum (ng/L)	4400	140

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	2	2
Minimum (ng/L)	370	56
Median (ng/L)	11000	160
Maximum (ng/L)	21000	260

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	9	9
Minimum (ng/L)	110	41
Median (ng/L)	300	63
Maximum (ng/L)	12000	410

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	1	1
Minimum (ng/L)	280	20
Median (ng/L)	280	20
Maximum (ng/L)	280	20

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	9	9
Minimum (ng/L)	28	35
Median (ng/L)	67	54
Maximum (ng/L)	150	380

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	10	10
Minimum (ng/L)	560	32
Median (ng/L)	1600	71
Maximum (ng/L)	31000	160

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	11	11
Minimum (ng/L)	140	38
Median (ng/L)	510	100
Maximum (ng/L)	13000	420

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	9	9
Minimum (ng/L)	18	5.9
Median (ng/L)	49	28
Maximum (ng/L)	970	99

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	1	1
Minimum (ng/L)	1200	130
Median (ng/L)	1200	130
Maximum (ng/L)	1200	130

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	9	9
Minimum (ng/L)	4.9	15
Median (ng/L)	67	26
Maximum (ng/L)	510	74

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	8	8
Minimum (ng/L)	47	36
Median (ng/L)	86	98
Maximum (ng/L)	210	280

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	9	9
Minimum (ng/L)	41	31
Median (ng/L)	60	60
Maximum (ng/L)	810	190

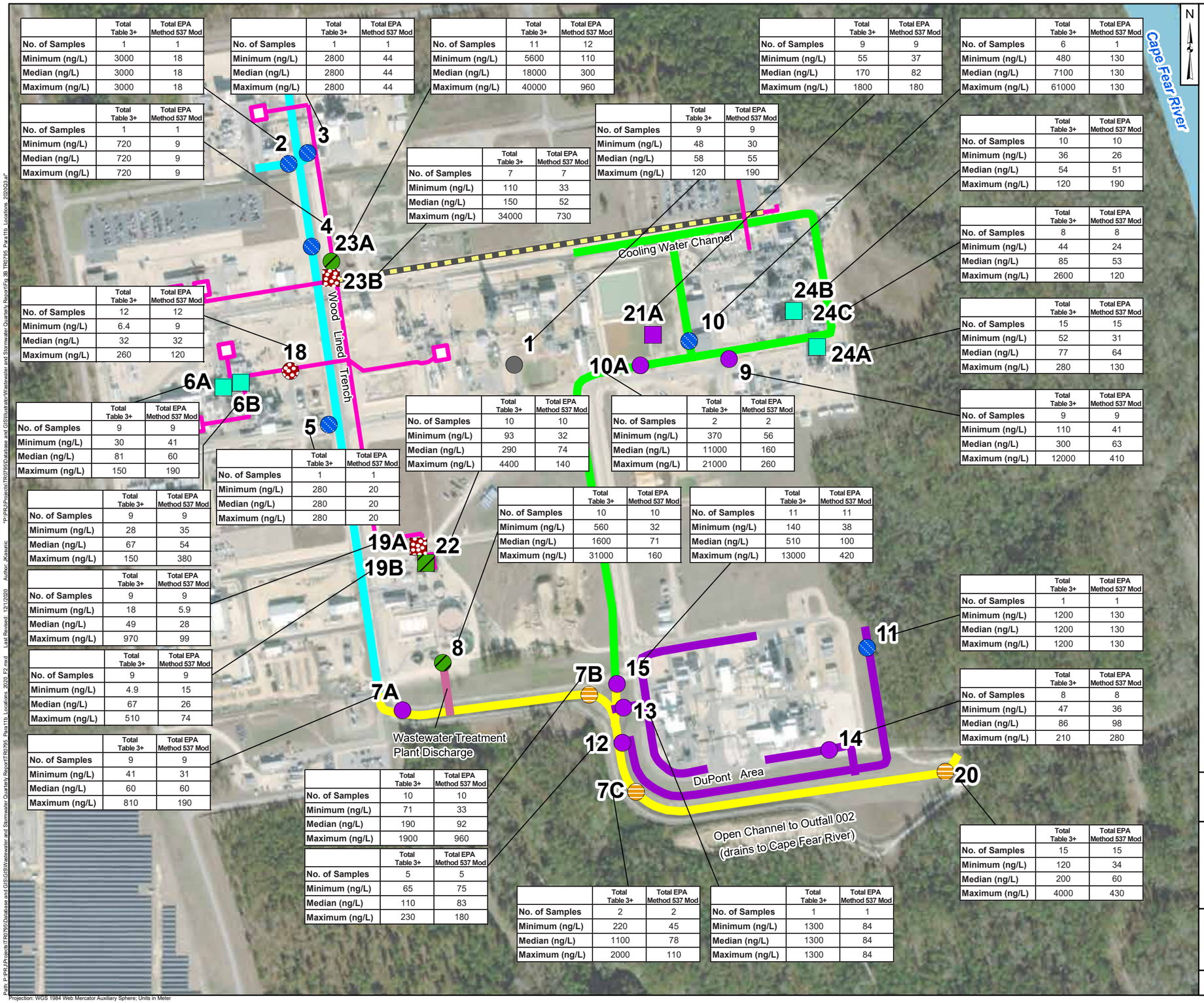
	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	10	10
Minimum (ng/L)	71	33
Median (ng/L)	190	92
Maximum (ng/L)	1900	960

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	15	15
Minimum (ng/L)	120	34
Median (ng/L)	200	60
Maximum (ng/L)	4000	430

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	5	5
Minimum (ng/L)	65	75
Median (ng/L)	110	83
Maximum (ng/L)	230	180

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	2	2
Minimum (ng/L)	220	45
Median (ng/L)	1100	78
Maximum (ng/L)	2000	110

	Total Table 3+	Total EPA Method 537 Mod
No. of Samples	1	1
Minimum (ng/L)	1300	84
Median (ng/L)	1300	84
Maximum (ng/L)	1300	84



Legend

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- Combined Flows to Outfall 002

Ditch Type

- Wood Lined Trench
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- Cooling Water Channel
- Open Channel to Outfall 002
- DuPont Area

Other Connections

- Pipe Connection to Facility
- Terracotta Pipe and Piping Connected to Terracotta Pipe
- Grouted Pipe Section

Notes:
ng/L - nanograms per liter
HFPO-DA - Hexafluoropropylene oxide dimer acid
Hydrolyzed PSDA - Acetic acid, 2-fluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro-2-sulfoethoxy)propoxy]-
R-EVE - Pentanoic acid, 4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5,5-octafluoro-
R-PSDA - Pentanoic acid, 2,2,3,3,4,5,5,5-octafluoro-4-(1,1,2,2-tetrafluoro-2-sulfoethoxy)-
1. See text for sample collection dates.
2. All concentrations are in ng/L.
3. Temporal composite samples were collected over a 4 hour interval.
4. 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.
5. Non-detect values were not included in sum of Total Table 3+ results or Total EPA Method 537 Mod.
6. Total Table 3+ and EPA Method 537 Mod results include J-qualified data.
7. Location 10 summary statistics presented for May/June 2020 event only.

500 250 0 500 Feet

Total Table 3+ and Total EPA Method 537 Mod Summary Statistics – Locations that Reach Outfall 002 – All Events

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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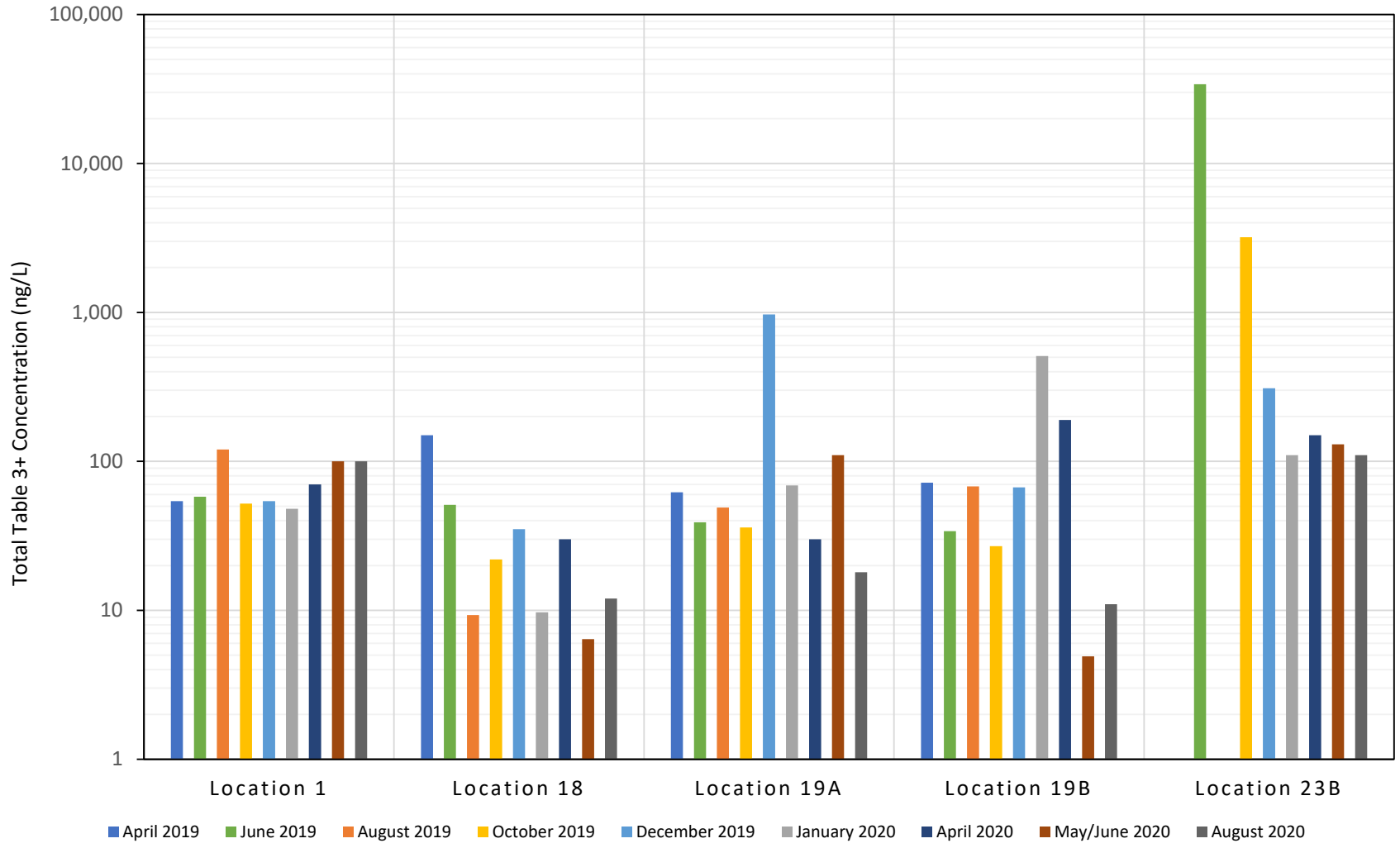
Figure 3B

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Wastewater and Stormwater Quarterly Report\TR0795_Para11b_Locations_2020Q3.mxd Author: JKasanic Last Revised: 12/1/2020

Projection: WGS 1984 Web Mercator Auxiliary Sphere; Units in Meter



Notes:

1. ng/L - nanograms per liter
2. Total Table 3+ 17 compound sums presented.
3. Location 1 represents background concentrations. Other locations represent process wastewater from non-Chemours manufacturing areas. See Figure 2 for sample locations.

Location 1 - Intake River Water at Facility
Location 18 - Kuraray process wastewater
Location 19A - DuPont process wastewater, Plant 1
Location 19B - DuPont process wastewater, Plant 2
Location 23B - Kuraray laboratory process wastewater

Total Table 3+ Concentrations
Non-Chemours Process Wastewater
Chemours Fayetteville Works, North Carolina

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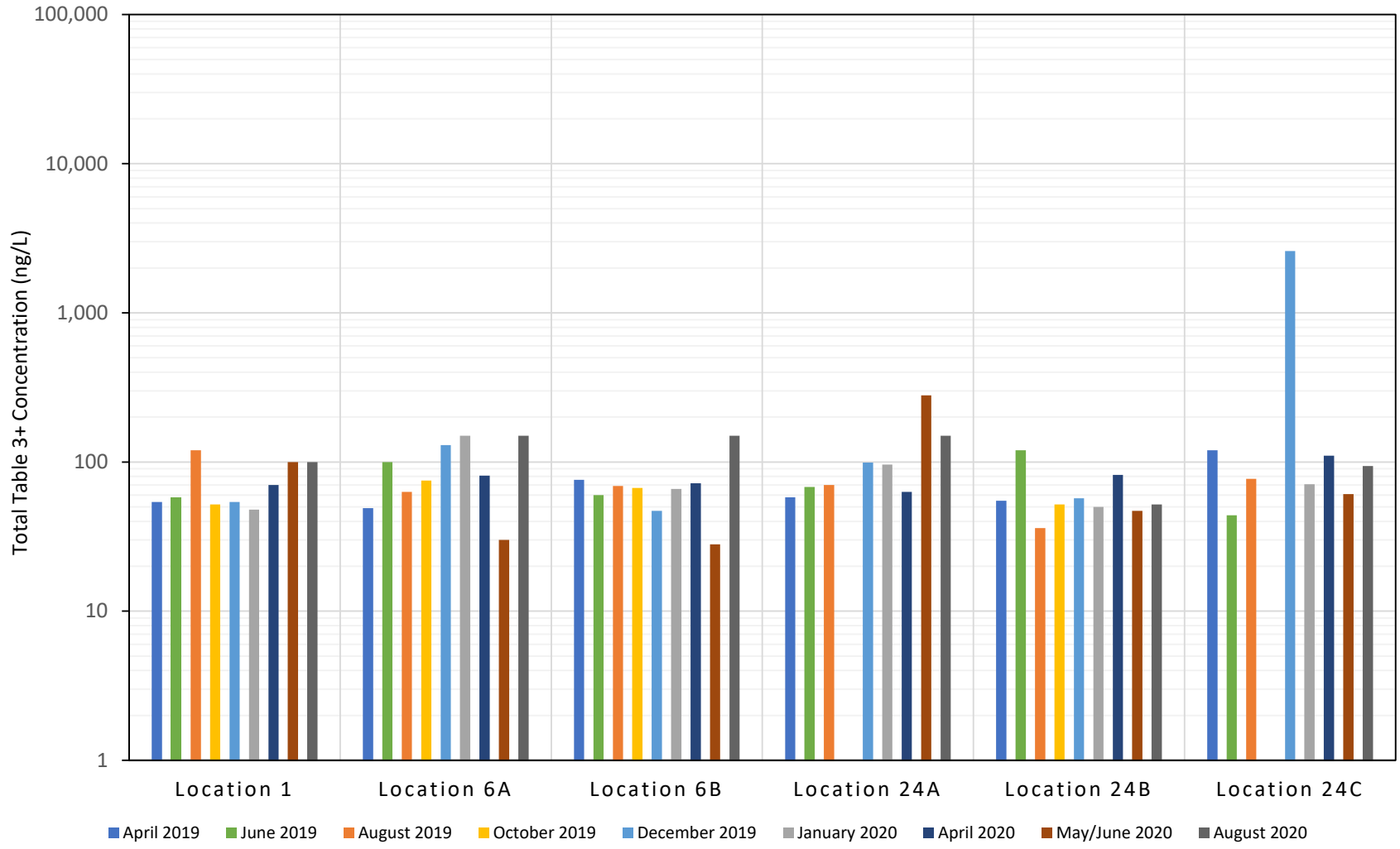
Figure 4A



Notes:

1. ng/L - nanograms per liter
2. Total Table 3+ 17 compound sums presented.
3. Location 1 represents background concentrations. Other locations represent non-process wastewater from Kuraray and Chemours manufacturing areas. See Figure 2 for sample locations.

Location 1 - Intake River Water at Facility
Location 6A - Kuraray southern leased area non-process wastewater discharge - Vacuum Condenser
Location 6B - Kuraray southern leased area non-process wastewater discharge - Resins Area
Location 24A - Chemours Monomers Ion Exchange Materials (IXM) Vinyl Ethers South non-process wastewater
Location 24B - Chemours Monomers IXM Line 3 and Line 4 Extruder non-process wastewater
Location 24C - Chemours Monomers IXM Water Return Header non-process wastewater

Total Table 3+ Concentrations
Non-Contact Cooling Water
Chemours Fayetteville Works, North Carolina

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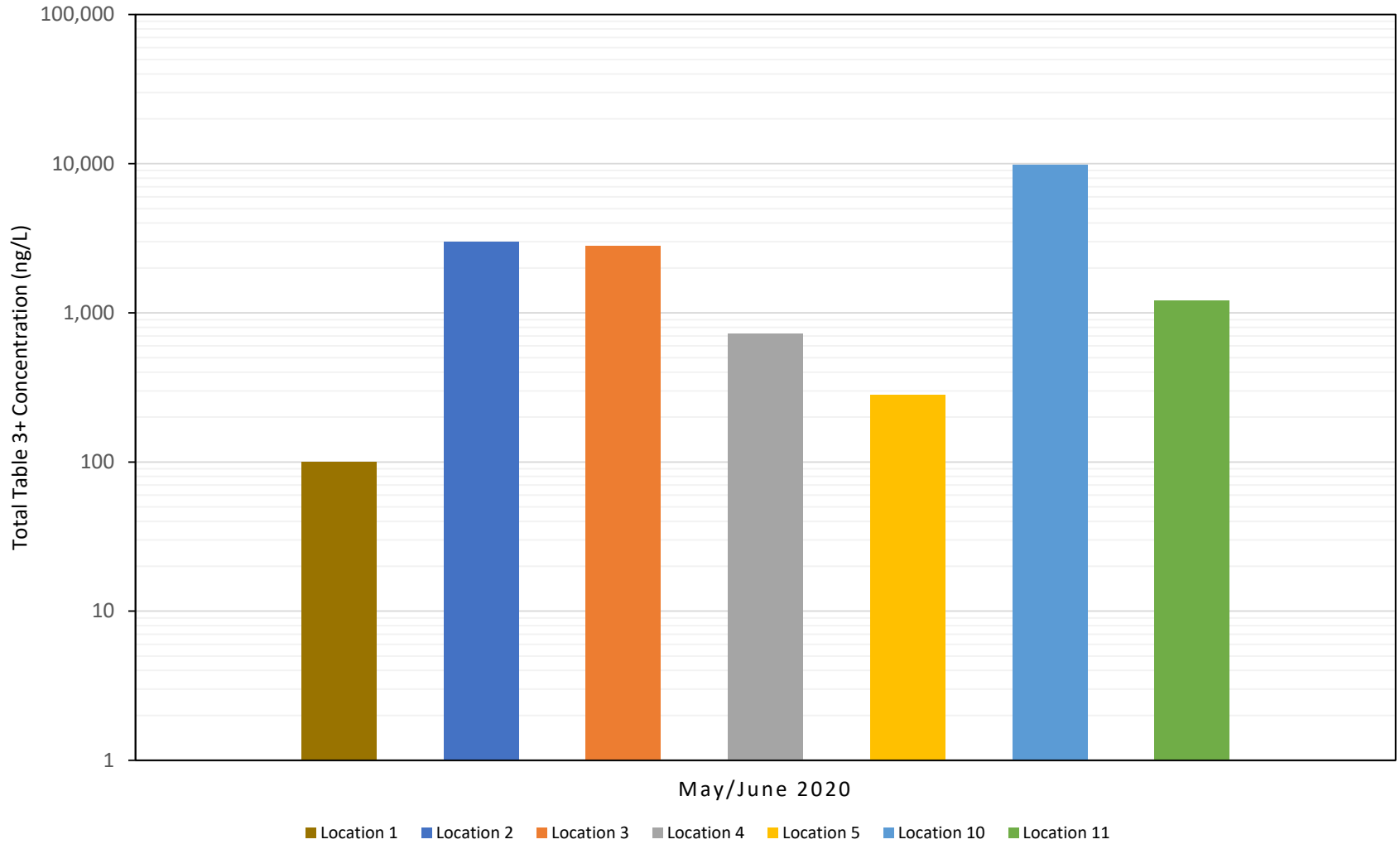
Figure 4B



Notes:
1. ng/L - nanograms per liter
2. Total Table 3+ 17 compound sums presented.
3. Location 1 represents background concentrations. Other locations represent stormwater only. See Figure 2 for sample locations.

Location 1 - Intake River Water at Facility
Location 2 - Kuraray southern leased area stormwater
Location 3 - Chemours Polymer Processing Aid (PPA) area stormwater discharge
Location 4 - Combined stormwater from Kuraray norhtern leased area and Chemours PPA area
Location 5 - Kuraray southern leased area stormwater
Location 10 - Chemours Monomers Ion Exchange Materials (IXM) area storwater discharge
Location 11 - Stormwater discharge from portion of grassy field to north of decommissioned Chemours Teflon area

Total Table 3+ Concentrations
Stormwater
Chemours Fayetteville Works, North Carolina

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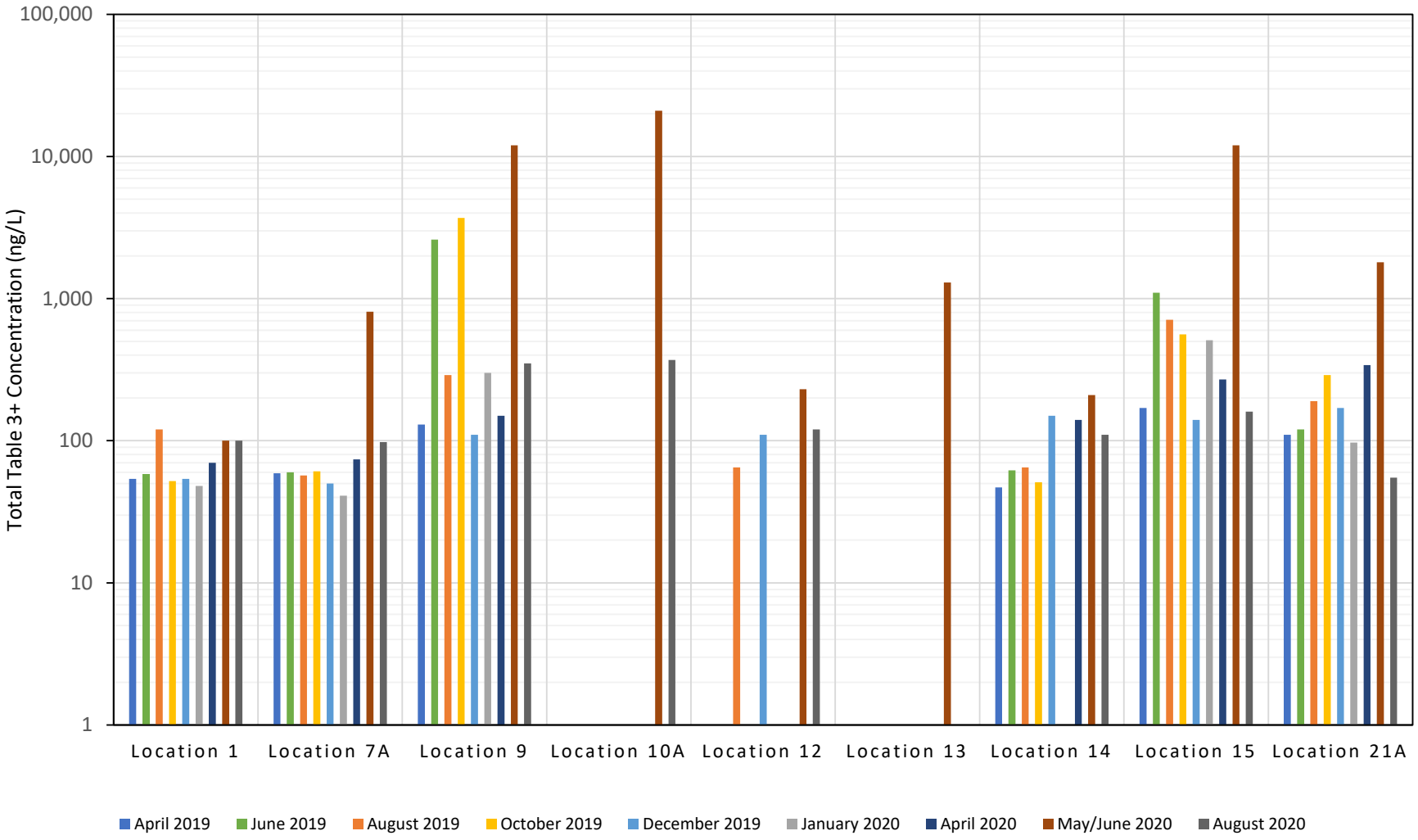
Figure 4C



Notes:

1. ng/L - nanograms per liter
2. Total Table 3+ 17 compound sums presented.
3. Location 1 represents background concentrations. Other locations represent both stormwater and non-process wastewater from throughout the Facility. See Figure 2 for sample locations.

Location 1 - Intake River Water at Facility
Location 7A - Combined stormwater and non-process wastewater discharge from western portion of the Facility
Location 9 - Combined non-process wastewater from Chemours Monomers Ion Exchange Materials (IXM) area and stormwater discharge from Vinyl Ethers South and Vinyl Ethers North
Location 10A - Combined Chemours Monomers IXM non-process wastewater and stormwater discharge
Location 12 - DuPont area southern drainage ditch stormwater discharge and NCCW
Location 13 - DuPont area northern drainage ditch stormwater discharge and NCCW
Location 14 - DuPont area southeast stormwater and NCCW discharge
Location 15 - Combined stormwater and NCCW discharge from eastern portion of the Facility
Location 21A - Sediment Basin South

Total Table 3+ Concentrations
Stormwater-Non-Contact Cooling Water
Chemours Fayetteville Works, North Carolina

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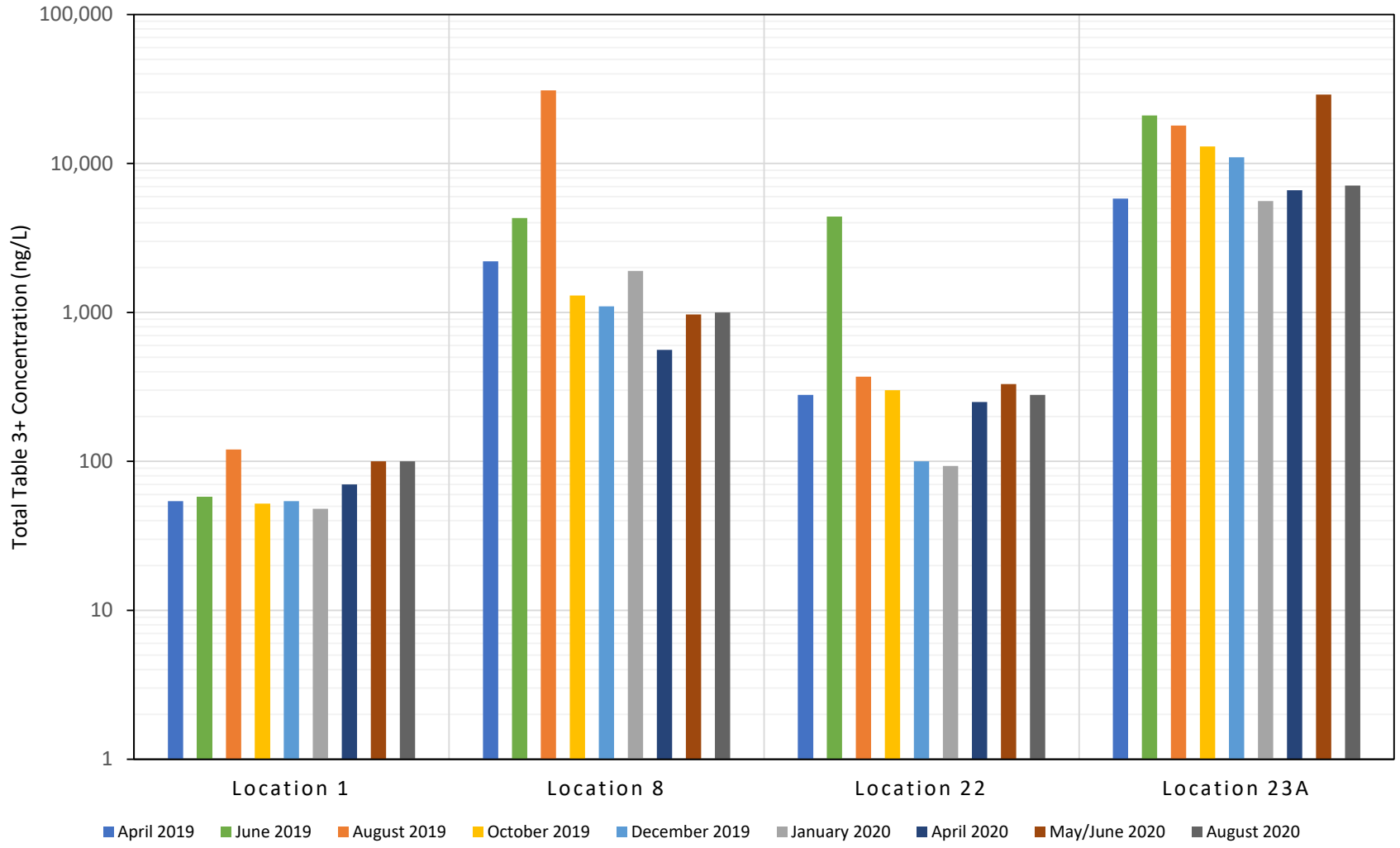
Figure 4D



Notes:
1. ng/L - nanograms per liter
2. Total Table 3+ 17 compound sums presented.
3. Location 1 represents background concentrations. Other locations represent process wastewater from non-Chemours manufacturing areas and non-process wastewater from throughout the Facility. See Figure 2 for sample locations.
4. May/June 2020 value for Location 8 based on sample collected during dry weather in June 2020.

Location 1 - Intake River Water at Facility
Location 8 - Wastewater Treatment Plant (WWTP) Effluent
Locaton 22 - WWTP Influent
Location 23A - Terracotta Pipe

Total Table 3+ Concentrations
Wastewater Treatment Plant
Chemours Fayetteville Works, North Carolina

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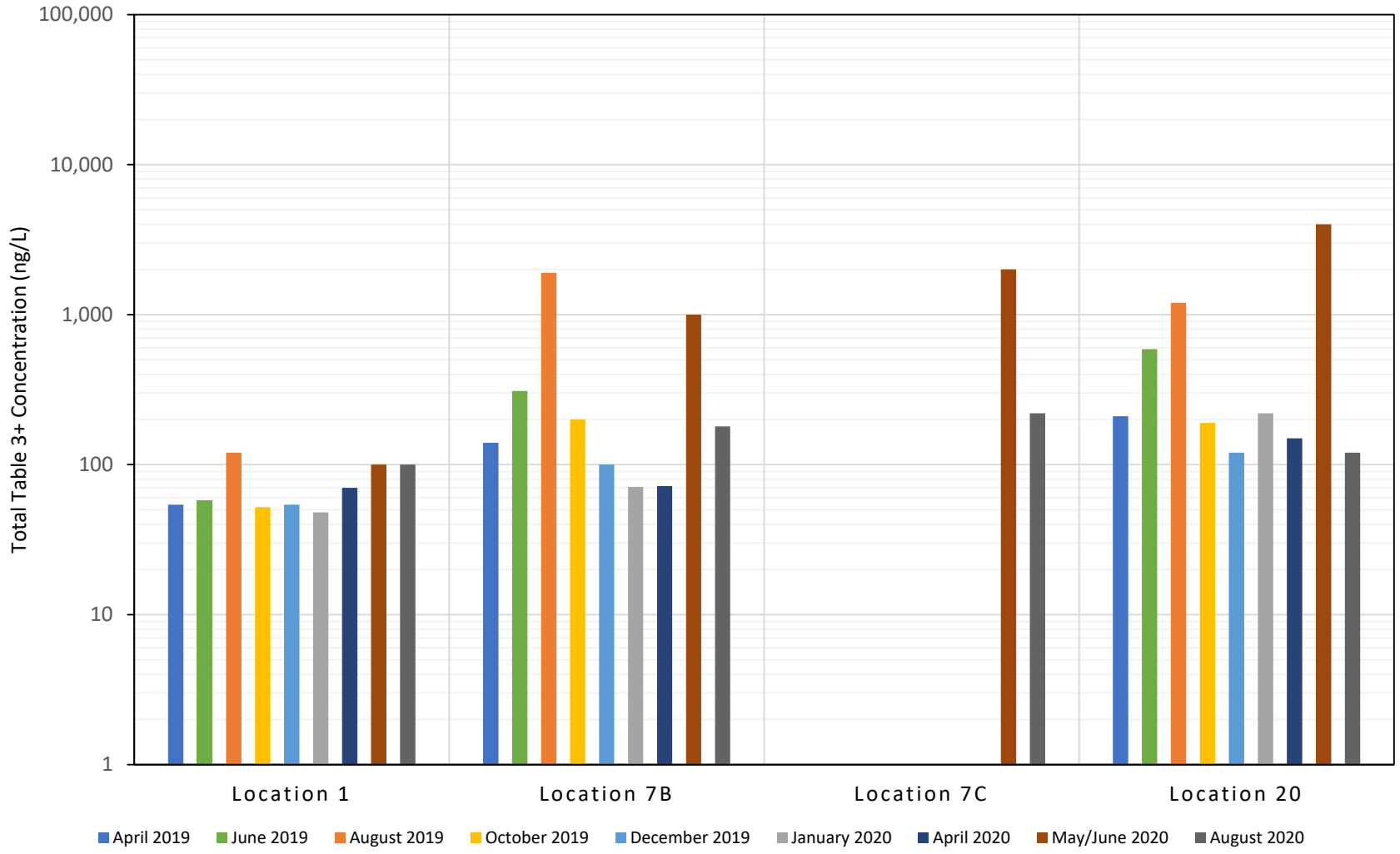
Figure 4E



Notes:
1. ng/L - nanograms per liter
2. Total Table 3+ 17 compound sums presented.
3. Location 1 represents background concentrations. Other locations represent process wastewater, non-process wastewater, and stormwater from throughout the Facility. See Figure 2 for sample locations.
Location 1 - Intake River Water at Facility
Location 7B - Combined stormwater and non-process wastewater from western portion of the Facility and treated discharge from the wastewater treatment plant (WWTP)
Location 7C - Combined stormwater and non-process wastewater from western portion of the Facility, the eastern portion of the Facility, and the DuPont Area, and treated discharge from WWTP
Location 20 - Outfall 002

Total Table 3+ Concentrations
Combined Flows to Outfall 002
Chemours Fayetteville Works, North Carolina

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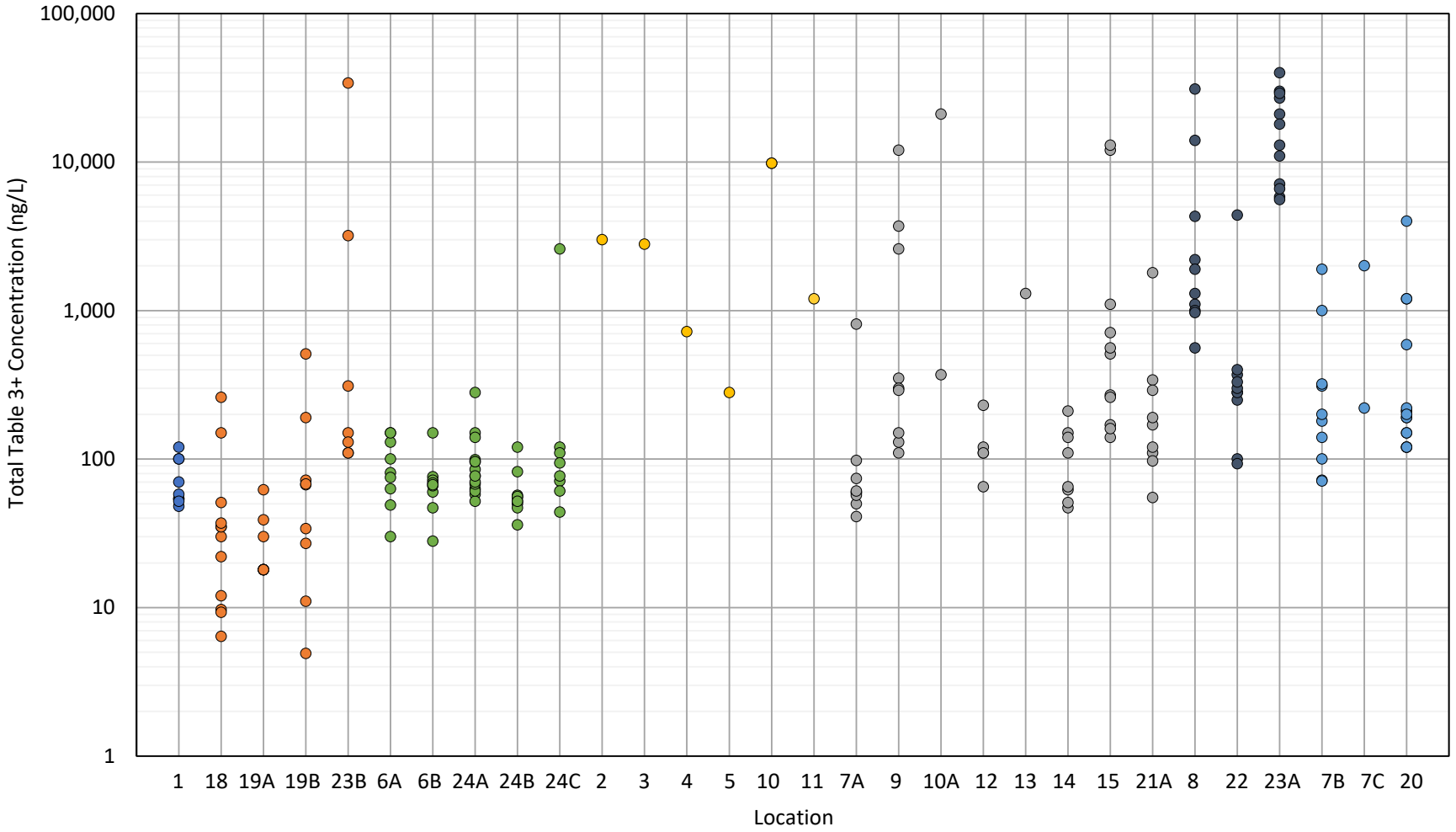
Figure 4F



- Intake River Water at Facility
- Non-Chemours Process Wastewater Locations
- Non-Contact Cooling Water Locations
- Stormwater Locations
- Stormwater-Non-Contact Cooling Water Locations
- Wastewater Treatment Plant Locations
- Combined Flows to Outfall 002 Locations

Notes:

1. ng/L - nanograms per liter
2. Total Table 3+ 17 compound sums presented.
3. The data presented includes all samples, including field duplicates.
4. Location 10 data presented for May/June 2020 event only.

Total Table 3+ Concentrations
Chemours Fayetteville Works, North Carolina

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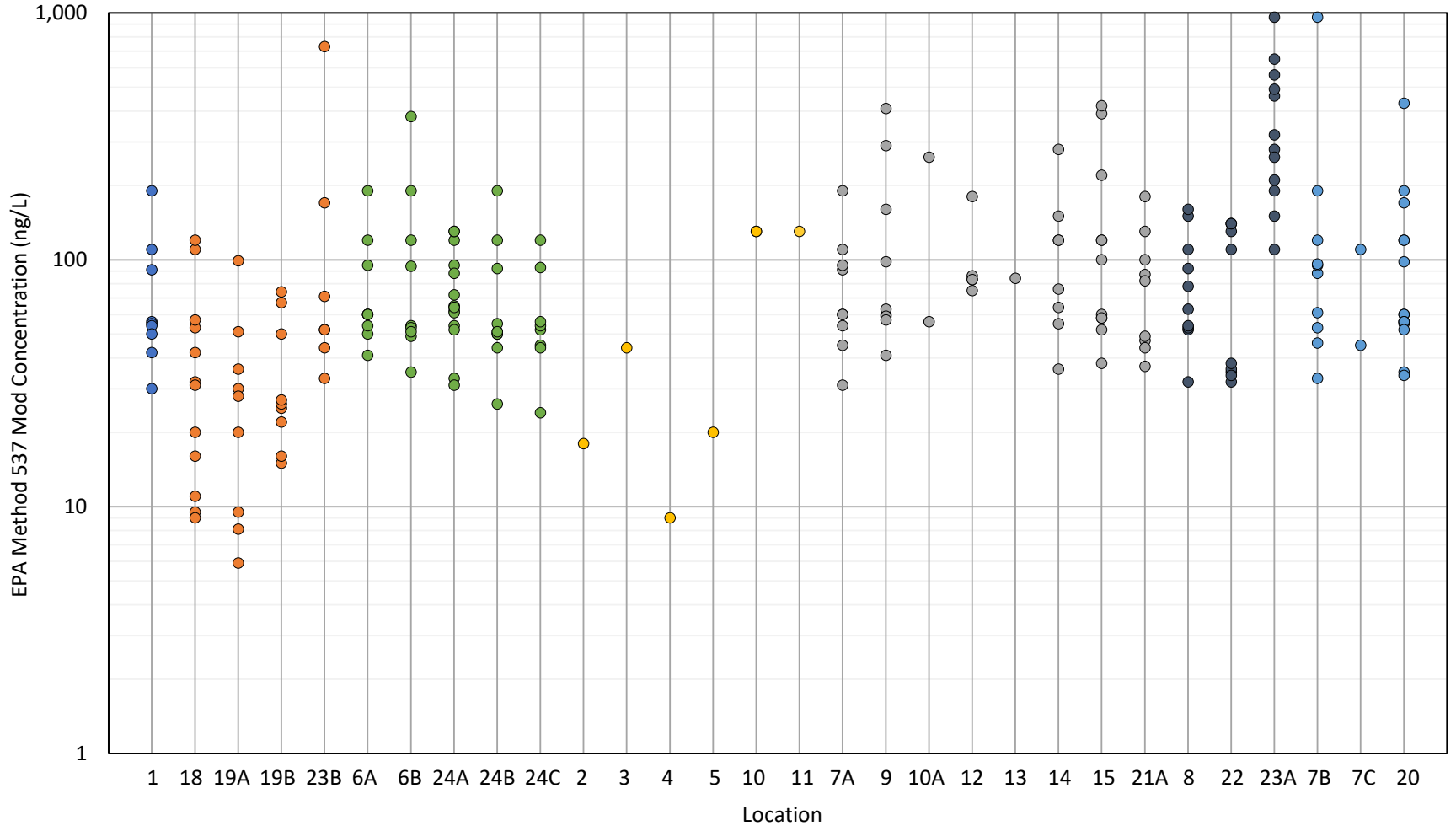
Figure 5A



- Intake River Water at Facility
- Non-Chemours Process Wastewater Locations
- Non-Contact Cooling Water Locations
- Stormwater Locations
- Stormwater-Non-Contact Cooling Water Locations
- Wastewater Treatment Plant Locations
- Combined Flows to Outfall 002 Locations

Notes:

1. ng/L - nanograms per liter
2. Total Table 3+ 17 compound sums presented.
3. The data presented includes all samples, including field duplicates.
4. Location 10 data presented for May/June 2020 event only.

EPA Method 537 Mod Concentrations
Chemours Fayetteville Works, North Carolina

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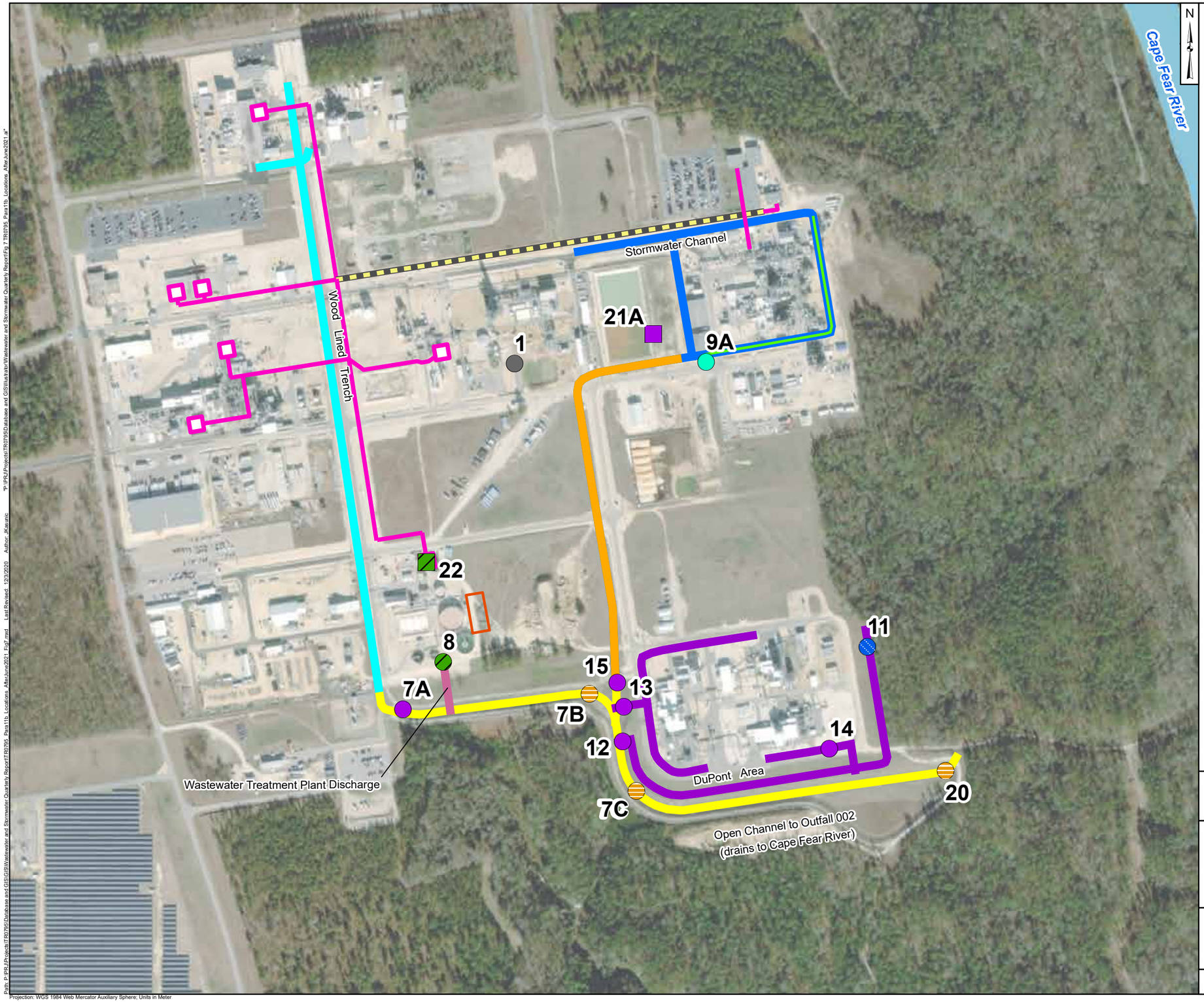
Figure 5B



Legend

- Temporal Composite Sample
- Grab Sample

Sample Location Category

- Intake River Water at Facility
- Non-Chemours Process Wastewater
- Non-Contact Cooling Water (NCCW)
- Stormwater
- Stormwater-NCCW
- Wastewater Treatment Plant
- Combined Flows to Outfall 002

Ditch Type

- Wood Lined Trench
- Wastewater Treatment Plant Discharge
- Stormwater Channel
- Open Channel to Outfall 002
- DuPont Area

Other Connections

- Pipe Connection to Facility
- Terracotta Pipe and Piping Connected to Terracotta Pipe
- Grouted Pipe Section
- Non-Contact Cooling Water Pipe
- Combined Stormwater and Non-Contact Cooling Water Pipe

Other Features

- Proposed Stormwater Treatment System (See Note)

Note:
Preferred location of proposed stormwater treatment system is displayed.
Exact location is subject to change.
Stormwater treatment system will be sampled up to twice per month under a separate program.

500 250 0 500 Feet

Paragraph 11(d) Sample Locations

Chemours Fayetteville Works, North Carolina

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Figure 6

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Wastewater and Stormwater Quarterly Report\TR0795_Para11b_Locations_AfterJune2021.aprx
Author: JKasunic
Last Revised: 12/3/2020
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Projection: WGS 1984 Web Mercator Auxiliary Sphere; Units in Meter

APPENDIX A

2020 Quarter 3 Paragraph 11(c) Scope Methods and Results

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APPENDIX A

2020 Quarter 3 Methods and Results

INTRODUCTION

Pursuant to Paragraph 11(c) in the executed Consent Order entered February 25, 2019 amongst Chemours, the North Carolina Department of Environmental Quality (DEQ), and Cape Fear River Watch, this appendix summarizes the ninth and final bimonthly sampling event in the 18-month initial characterization period. The objective of Paragraph 11(c) is to characterize the concentrations of per- and polyfluoroalkyl substances ("PFAS") in process wastewater, non-process wastewater, stormwater, and the raw water intake at the Chemours Fayetteville Works, North Carolina site (the Facility, Figure 1).

The activity period for this appendix includes 2020 Quarter 3 (July, August, September). In this quarter, process wastewater and non-process wastewater samples were collected for the ninth and final bimonthly sampling event in the 18-month initial characterization period. Samples were collected during dry weather on August 26, 2020 (the August 2020 event), as outlined in the PFAS Characterization Sampling Plan (Geosyntec, 2019a), with adjustments made based on recommendations in prior reports (Geosyntec 2019a, 2019b, 2019c, 2020a, 2020b, and 2020c). Results from the investigative samples in the August 2020 event are included in this appendix.

METHODS

This section describes the methods implemented for data reported in this 2020 Quarter 3 appendix.

Sample Locations

Sample locations outlined in the PFAS Characterization Sampling Plan (Geosyntec, 2019a) are described in Table 1 and shown in Figure 2 of the main body of the report. Sample locations that have been added to the Sampling Plan based on recommendations made in previous reports are also identified in Table 1 and shown in Figure 2.

In the August 2020 event, investigative samples were collected from twenty-three (23) locations listed in Table 2. Locations 2, 3, 4, 5, 10, 11, 12, and 13 were not sampled for the August 2020 event as there was insufficient water at these locations because the event occurred during a dry period.

During each sampling event, either Location 21A or 21B (the south and north sediment ponds) is sampled depending on which sediment pond is active. Consistent with previous sampling events, the south sediment pond (Location 21A) was active during the August 2020 event and a sample was collected from this pond.

Field Methods

General Field Methods

All equipment was inspected by the field program supervisor and calibrated daily prior to use in the field, according to the manufacturer's recommendations. Field parameters were measured with a water quality meter prior to sample collection and then recorded. Field parameters include the following:

- pH;
- Temperature (degrees Celsius; °C);
- Specific conductance [SC] (micromhos, µmho);
- Dissolved oxygen [DO] (milligrams per liter; mg/L);
- Oxidation/Reduction Potential [ORP] (millivolts; mV);
- Turbidity (nephelometric turbidity units, NTU);
- Color; and
- Odor.

Samples were collected in 250 milliliter (mL) high density polyethylene (HDPE) bottles with a wide-mouth screw-cap. Sample bottles were filled and caps were securely fastened after sample collection. Each sample was labelled with a unique sample identification number, date, time and location of sampling, and the initials of the individual collecting the sample. A field notebook and location-specific field forms were used to record information regarding additional items such as quality assurance/ quality control (QA/QC), sample identifications, color, odor, turbidity, and other field parameters.

Decontamination Methods

Sample containers were new and used only once for each sample. Disposable equipment (e.g., gloves, tubing, etc.) was not reused; these items did not require decontamination.

All non-dedicated or non-disposable sampling equipment (i.e., the autosampler reservoir and dip rod) was decontaminated immediately before sample collection in the following manner:

- De-ionized water rinse;
- Scrub with de-ionized water containing non-phosphate detergent (i.e., Alconox®); and
- De-ionized water rinse.

If there was a delay between decontamination and sample collection, decontaminated sampling equipment was covered with PFAS-free plastic until it was ready for use.

Grab Sampling Methods

Grab samples were collected from locations where temporal variability over the course of one day was not expected. These locations include non-process wastewater only locations (Locations 6A, 6B, 24A, 24B, and 24C), select process wastewater only locations (Locations 19A and 19B), and the Sediment Basin South location (Location 21A), as identified in Table 2 and shown on Figure 2 of the main body of the report. All grab samples were collected by directly filling the HDPE bottle with the sample. Prior to grab sample collection, field parameters were measured using a flow through cell for all grab sample locations.

Temporal Composite Sampling Methods

Temporal composite samples were collected during the bimonthly sampling events from locations where variability was expected to potentially be significant within a short time frame (e.g., one day). These locations, identified in Table 2 and shown on Figure 2 of the main body of the report, include those within the Facility conveyance network and the intake and outfall locations, since these locations can have highly variable dissolved and suspended constituent loads over short time periods. Temporal composite samples were collected using a dedicated Teledyne 6712C autosampler equipped with a rain gauge, HDPE tubing, silicon tubing, and an HDPE sample reservoir. Field parameters were measured once during composite sampling (collected directly from the water stream). During the sampling event, autosamplers generally integrated water over a four-hour sample collection period.

Sample Shipping, Chain of Custody, and Holding Times

Upon sample collection, each labelled, containerized sample was placed into a plastic bag inside an insulated sample cooler with ice. Prior to shipment of the samples to the laboratory, a chain of custody (COC) form was completed by the field sample custodian. Sample locations, sample identification numbers, description of samples, number of samples collected, and specific laboratory analyses to be performed on the samples were recorded on the COC form. COCs were signed by the field personnel relinquishing the samples to the courier and was signed by the laboratory upon receipt of the cooler.

Field QA/QC Samples

The following field QA/QC samples were collected and analyzed along with the August 2020 investigative samples:

- Two blind field duplicates;
- Three equipment blanks for the dip rod, autosampler, and peristaltic pump;
- One field blank; and
- One trip blank.

Documentation

The project field team kept a daily record of field activities during the execution of field work including sampling notes and observations documented on field forms, instrument calibration records, measured field parameters, sample COC, and shipping records.

Laboratory Methods

Analytical Methods

Samples were analyzed for PFAS by the following methods:

- Table 3+ Laboratory Standard Operating Procedure (SOP); and
- EPA Method 537 Mod (Laboratory SOP).

PFAS reported under each of these methods are listed in Table 3.

Laboratory and Field QA/QC

Field sampling and laboratory analyses were performed largely in accordance with the PFAS Characterization Sampling Plan (Geosyntec, 2019a). Samples were collected by the field team and shipped to TestAmerica Sacramento (TestAmerica) under COC. Laboratory analyses were performed within the guidelines specified by the laboratory SOPs. The collection frequency of field duplicates, matrix spike / matrix spike duplicates (MS/MSD), trip blanks, and equipment blanks was conducted in accordance with the PFAS Characterization Sampling Plan (Geosyntec, 2019a).

RESULTS – AUGUST 2020 EVENT

This section describes the data quality, field parameter data, and investigative sample results from the August 2020 event. PFAS concentrations for all sample locations in the August 2020 event are provided in Table A1. Table A2 provides the total daily precipitation in the area of the Facility and the flow measured at Outfall 002 at the times of sampling events discussed in this report. Field parameters recorded during the August 2020 event are provided in Table A3.

Data Quality

All data from the August 2020 event were reviewed using the Data Verification Module (DVM) within the Locus™ Environmental Information Management (EIM) system, which is a commercial software program used to manage data. Following the DVM process, a manual review of the data was conducted. The DVM and the manual review results were combined in a data review narrative report for each set of sample results which were consistent with Stage 2b of the EPA Guidance for Labelling Externally Validated Laboratory Analytical Data for Superfund Use (EPA-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 QA/QC samples;
- MS/MSD recoveries and the relative percent differences (RPDs) between these spikes;
- Laboratory control sample/control sample duplicate recoveries and the RPD between these spikes;
- Surrogate spike recoveries for organic analyses; and
- RPD between field duplicate sample pairs.

The manual review includes instrument-related QC results for calibration standards, blanks, and recoveries. The data review process (DVM plus manual review) applied the following data evaluation qualifiers to analysis results in the August 2020 event, as warranted:

- J – Analyte present. Reported value may not be accurate or precise;
- UJ – Analyte not detected. Reporting limit may not be accurate or precise; and
- R – Reject. The presence or absence of the analyte cannot be verified.

The data review process described above was performed for all laboratory chemical analytical data generated for the sampling event. The DQOs were met for the analytical results for accuracy and precision. The data collected during the August 2020 event are believed to be complete, representative and comparable, with the exception of R-PSDA[1], Hydrolyzed PSDA[2], and R-EVE[3].

As reported in the (Geosyntec, 2020d), studies have shown that the quantitation of R-PSDA, Hydrolyzed PSDA, and R-EVE is inaccurate due to interferences by the sample matrix in both groundwater and surface water. Given the matrix interference issues, total Table 3+ PFAS concentrations can be calculated and presented in two ways: (i) summing over 17 of the 20 Table 3+ compounds, i.e., excluding results of R-PSDA, Hydrolyzed PSDA, and R-EVE, and (ii) summing over 20 of the Table 3+ compounds. Expressing these data as a range represents possible values of what these results might be without matrix interferences.

Because of this known matrix interference, results for R-PSDA, Hydrolyzed PSDA, and R-EVE have been J-qualified for the August 2020 event (Table A1) and retrospectively for all events (Appendix C).

Data Management and Reporting

Chemours's Analytical Data Quality Management team currently uses the EIM system for management of analytical data, xyz Site coordinate data, and field parameter data. Validation and

[1] R-PSDA: 2,2,3,3,4,5,5,5-octafluoro-4-(1,1,2,2-tetrafluoro-2-sulfoethoxy)-pentanoic acid
[2] Hydrolyzed PSDA: 2-fluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro-2-sulfoethoxy)propoxy]-acetic acid
[3] R-EVE: 4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5,5-octafluoro-pentanoic acid

qualification of data are performed by AECOM who maintains the EIM system for the Chemours Fayetteville Site. Whitebooks consisting of the data review narratives and the laboratory analytical reports produced by AECOM summarize the findings of the DVM and manual review process.

QA/QC Samples

PFAS concentrations for all field QA/QC samples in the August 2020 event are reported in Table 4. The following observations were noted for the QA/QC samples:

- The RPD for field duplicate pairs in the August 2020 event were generally less than 30% for all PFAS. Where RPDs were greater than 30%, the reported results may be imprecise and were J qualified, indicating the results are estimated.
- No PFAS were detected above the associated reporting limits in the August 2020 Equipment Blanks (3), Trip Blank, or Field Blank.

August 2020 Event Field Parameter Data

Field parameters recorded during the August 2020 event are provided in Table A3 for grab samples and temporal composite samples. Field parameters were measured using a Horiba U-52 model. The water quality meter was calibrated at the start of every sampling day.

For grab samples, field parameters were measured once prior to sampling using a flow through cell. For temporal composite samples once during composite sampling and collected directly from the water stream.

Recorded field parameter data observed during the August 2020 event are generally in accordance with expectations for the sample locations, with the following exceptions:

- Most locations had recorded pH between 5 and 10. Location 22, the combined influent to the wastewater treatment plant (WWTP), had pH greater than 10.
- Most locations had recorded DO between 5 and 9 mg/L. Location 14, the DuPont area southeast stormwater and non-contact cooling water (NCCW) discharge, had the highest DO measurements at 8.4 mg/L.
- Most locations had recorded ORP between 20 and 100 mV. Location 10A, the Combined Chemours Monomers IXM NCCW and stormwater discharge, had the lowest ORP reading at -7.1 mV. Location 21A, the Sediment Basin South, had the highest ORP reading at 179 mV.
- Most locations had recorded Turbidity between 0 and 100 NTU. Location 6A, the Kuraray southern leased area NCCW discharge - Resins Area; Location 19B, the DuPont process wastewater - Plant 2; and Location 21A, the Sediment Basin South all had Turbidity measurements greater than 100 NTU at 149, 237, and 679 NTU respectively.

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August 2020 Event Investigative Sample Results

PFAS concentrations for all sample locations in the August 2020 event are provided in Table A1. Table A2 provides the total daily precipitation in the area of the Facility and the flow measured at Outfall 002 at the times of sampling events discussed in this report. The analytical reporting limits associated with the August 2020 data were determined by the laboratories. TestAmerica analytical reports and the data review narrative whitebooks are provided as Attachment A to this appendix.

Trends and observations from the August 2020 event were generally consistent with previous sampling events and are interpreted in conjunction with the entire dataset for the 18-month initial characterization period in the main body of the report.

REFERENCES

Environmental Protection Agency (EPA), 2009. Guidance for Labelling Externally Validated Laboratory Analytical Data for Superfund Use. Office of Solid Waste and Emergency Response. OSWER No. 9200.1-85, EPA-540-R-08-005

Geosyntec, 2019a. PFAS Characterization Sampling Plan. May 6, 2019.

Geosyntec, 2019b. Characterization of PFAS in Process and Non-Process Wastewater and Stormwater: Quarterly Report #1. July 31, 2019.

Geosyntec, 2019c. Characterization of PFAS in Process and Non-Process Wastewater and Stormwater: Quarterly Report #2. October 31, 2019.

Geosyntec, 2019d. Assessment of HFPO-DA and PFMOAA in Outfall 002 Discharge and Evaluation of Potential Control Options. August 2019.

Geosyntec, 2020a. Characterization of PFAS in Process and Non-Process Wastewater and Stormwater: Quarterly Report #3. January 31, 2020.

Geosyntec, 2020b. Characterization of PFAS in Process and Non-Process Wastewater and Stormwater: Quarterly Report #4. April 30, 2020.

Geosyntec, 2020c. Characterization of PFAS in Process and Non-Process Wastewater and Stormwater: Quarterly Report #5. July 31, 2020.

Geosyntec, 2020d. Matrix Interference During Analysis of Table 3+ Compounds. Chemours Fayetteville Works. July 31, 2020.

TABLES

TABLE A1
ANALYTICAL RESULTS - 2020 QUARTER 3
Chemours Fayetteville Works, North Carolina

Location ID	1	6A	6B	7A
Sample Event	August 2020	August 2020	August 2020	August 2020
Field Sample ID	STW-LOC-1-4-082620	STW-LOC-6A-082620	STW-LOC-6B-082620	STW-LOC-7A-4-082620
Date Sampled	8/26/2020	8/26/2020	8/26/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ SOP (ng/L)				
HFPODA	**13**	**21**	**27**	**14**
PFMOAA	**5.0**	**24**	**31**	**5.2**
PFO2HxA	**14**	**23**	**32**	**13**
PFO3OA	**2.5**	**3.4**	**4.7**	**2.0**
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	**60**	**80**	**53**	**57**
PEPA	<10	<10	<10	<10
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	<2	<2	<2	<2
Hydrolyzed PSDA	**3.0**	**10**	<2	**3.2**
R-PSDCA	<2	<2	<2	<2
NVHOS	**6.5**	<2	<2	**6.5**
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
Total Table 3+ (17 compounds)*	**100**	**150**	**150**	**98**
Total Table 3+ (20 compounds)*	**100**	**160**	**150**	**100**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
11Cl-PF3OUdS	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
9Cl-PF3ONS	<2	<2	<2	<2
ADONA	--	--	--	--
DONA	<2	<2	<2	<2
NaDONA	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**4.1**	**4.2**	**4.6**	**4.0**
Perfluorobutanoic Acid	**4.3**	**5.5**	**5.9**	**4.4**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**3.0**	**3.3**	**3.4**	**3.2**
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--
Perfluorohexane Sulfonic Acid	**3.6**	**4.1**	**3.8**	**4.1**
Perfluorohexanoic Acid	**7.1**	**7.5**	**7.5**	**6.8**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**7.1**	**7.9**	**8.1**	**6.7**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**5.1**	**6**	**5.6**	**5.8**
PFOS	**7.4**	**11**	**9.7**	**10**

Notes:

* - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.

Locations sampled in August 2020 were collected on August 26, 2020.
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+ compounds were detected above their associated reporting limits.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
R - Reject. The present or absence of the analyte cannot be verified.
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
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TABLE A1
ANALYTICAL RESULTS - 2020 QUARTER 3
Chemours Fayetteville Works, North Carolina

Location ID	7B	7C	8	9
Sample Event	August 2020	August 2020	August 2020	August 2020
Field Sample ID	STW-LOC-7B-4-082620	STW-LOC-7C-4-082620	STW-LOC-8-4-082620	STW-LOC-9-4-082620
Date Sampled	8/26/2020	8/26/2020	8/26/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ SOP (ng/L)				
HFPODA	**20**	**24**	**96**	**51**
PFMOAA	**41**	**36**	**470**	**5.7**
PFO2HxA	**27**	**23**	**200**	**15**
PFO3OA	**6.3**	**5.4**	**50**	**3.8**
PFO4DA	**4.8**	<2	**17**	<2
PFO5DA	**5.2**	<2	**17**	<2
PMPA	**56**	**63**	**52**	**40**
PEPA	<10	<10	**15**	<10
PS Acid	<2	**26**	<2	**100**
Hydro-PS Acid	**7.1**	**6.6**	**77**	**8.9**
R-PSDA	<2	<2	**18**	**58**
Hydrolyzed PSDA	**70**	110	**200**	**320**
R-PSDCA	<2	<2	**2.1**	<2
NVHOS	**8.5**	**8.0**	**30**	**3.2**
EVE Acid	<2	**14**	**5.8**	**71**
Hydro-EVE Acid	<2	**10**	**6.1**	**55**
R-EVE	**10**	**11**	**17**	**19**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ (17 compounds)*	**180**	**220**	**1,000**	**350**
Total Table 3+ (20 compounds)*	**260**	**340**	**1,300**	**750**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
11Cl-PF3OUdS	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
9Cl-PF3ONS	<2	<2	<2	<2
ADONA	--	--	--	--
DONA	<2	<2	<2	<2
NaDONA	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.9**	**3.6**	**4.2**	**4.3**
Perfluorobutanoic Acid	**3.8**	**3.9**	**5.8**	**6.2**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**3.5**	**3.3**	**4.6**	**4.2**
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--
Perfluorohexane Sulfonic Acid	**4.2**	**4.00**	**2.7**	**4.5**
Perfluorohexanoic Acid	**6.8**	**6.9**	**8.4**	**7.0**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**7.4**	**7.8**	**17**	**13**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**6.1**	**5.9**	**9.4**	**6.2**
PFOS	**9.9**	**9.8**	<2	**12**

Notes:

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Bold - Analyte detected above associated reporting limit
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J - Analyte detected. Reported value may not be accurate or precise

ND - No Table 3+ compounds were detected above their associated reporting limits.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
R - Reject. The present or absence of the analyte cannot be verified.
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TABLE A1
ANALYTICAL RESULTS - 2020 QUARTER 3
Chemours Fayetteville Works, North Carolina

Location ID	10A	12		14
Sample Event	August 2020	August 2020	August 2020	August 2020
Field Sample ID	STW-LOC-10A-4-082620	STW-LOC-12-4-082620	STW-LOC-12-4-082620	STW-LOC-14-4-082620
Date Sampled	8/26/2020	8/26/2020	8/26/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	Field Duplicate	--
Table 3+ SOP (ng/L)				
HFPODA	**56**	**21**	**20**	**19**
PFMOAA	<4	**12 J**	**12**	**8.7**
PFO2HxA	**15**	**21**	**22**	**17**
PFO3OA	**2.4**	**3.6**	**3.9**	**2.5**
PFO4DA	<3	<2	<2	<2
PFO5DA	<3.9	<2	<2	<2
PMPA	<31	**52**	**52**	**51**
PEPA	<10	<10	<10	<10
PS Acid	**160**	<2	<2	<2
Hydro-PS Acid	**12**	<2	<2	<2
R-PSDA	**34**	**23 J**	<2 UJ	<2
Hydrolyzed PSDA	**340**	**4.1 J**	**4.0**	**3.2**
R-PSDCA	<2	<2	<2	<2
NVHOS	**2.6**	**11 J**	<2 UJ	**8.9**
EVE Acid	**72**	<2	<2	<2
Hydro-EVE Acid	**49**	<2	<2	<2
R-EVE	**9.9**	**7.4 J**	<2 UJ	<2
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2.4	<2	<2	<2
Total Table 3+ (17 compounds)*	**370**	**120**	**120**	**110**
Total Table 3+ (20 compounds)*	**750**	**160**	**160**	**110**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
11Cl-PF3OUdS	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
9Cl-PF3ONS	<2	<2	<2	<2
ADONA	--	--	--	--
DONA	<2	<2	<2	<2
NaDONA	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**4.3**	**6.9**	**6.5**	**6.1**
Perfluorobutanoic Acid	**6.4**	**8.3**	**8.1**	**7.8**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**3.8**	**6.3**	**6.1**	**5.8**
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--
Perfluorohexane Sulfonic Acid	**4.2**	**6.5**	**6.2**	**6.2**
Perfluorohexanoic Acid	**7.4**	**12**	**12**	**11**
Perfluorononanesulfonic acid	<2	<2 UJ	<2	<2
Perfluorononanoic Acid	<2	**2.1**	**2.0**	<2
Perfluorooctadecanoic acid	<2 UJ	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**12**	**14**	**14**	**12**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2 UJ	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**6.3**	**11**	**10**	**10**
PFOS	**12**	**19**	**18**	**17**

Notes:

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EPA - Environmental Protection Agency

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

ND - No Table 3+ compounds were detected above their associated reporting limits.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
R - Reject. The present or absence of the analyte cannot be verified.
SOP - standard operating procedure
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TABLE A1
ANALYTICAL RESULTS - 2020 QUARTER 3
Chemours Fayetteville Works, North Carolina

Location ID	15	18	19A	19B
Sample Event	August 2020	August 2020	August 2020	August 2020
Field Sample ID	STW-LOC-15-4-082620	STW-LOC-18-4-082620	STW-LOC-19A-082620	STW-LOC-19B-082620
Date Sampled	8/26/2020	8/26/2020	8/26/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ SOP (ng/L)				
HFPODA	**51**	**9.5**	**4.2**	**4.7**
PFMOAA	<2	<2	**5.5**	<2
PFO2HxA	**7.3**	**2.8**	**4.9**	**6.2**
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	<20	<20	<20	<20
PEPA	<10	<10	<10	<10
PS Acid	**51**	<2	**3.1**	<2
Hydro-PS Acid	**3.8**	<2	<2	<2
R-PSDA	**15**	**10**	<2	<2
Hydrolyzed PSDA	**150**	<2	<2	<2
R-PSDCA	<2	<2	<2	<2
NVHOS	<2	<2	<2	<2
EVE Acid	**27**	<2	<2	<2
Hydro-EVE Acid	**18**	<2	<2	<2
R-EVE	**3.4**	<2	<2	<2
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ (17 compounds)*	**160**	**12**	**18**	**11**
Total Table 3+ (20 compounds)*	**330**	**22**	**18**	**11**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
11Cl-PF3OUdS	<2	<2	<2	<2 UJ
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
9Cl-PF3ONS	<2	<2	<2	<2 UJ
ADONA	--	--	--	--
DONA	<2	<2	<2	<2 UJ
NaDONA	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2 UJ
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2 UJ
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**4.2**	<2	<2	<2
Perfluorobutanoic Acid	**6.8**	**4.8 J**	<2	**2.2**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2 UJ
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2 UJ
Perfluoroheptanoic Acid	**4.1**	**2.4**	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	<8
Perfluorohexane Sulfonic Acid	**4.3**	<2	<2	<2 UJ
Perfluorohexanoic Acid	**7.6**	**2.3**	**2.5**	**2.9**
Perfluorononanesulfonic acid	<2	<2	<2	<2 UJ
Perfluorononanoic Acid	<2	<2	<2	<2 UJ
Perfluorooctadecanoic acid	<2	<2 UJ	<2 UJ	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2 UJ
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**13**	**3.3**	**2.9**	**3.9**
Perfluorotetradecanoic Acid	<2	<2	<2	<2 UJ
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**6.4**	**2.5**	**2.7**	**3.4 J**
PFOS	**12**	**4.4**	<2	**2.1 J**

Notes:

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

ND - No Table 3+ compounds were detected above their associated reporting limits.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
R - Reject. The present or absence of the analyte cannot be verified.
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.

TABLE A1
ANALYTICAL RESULTS - 2020 QUARTER 3
Chemours Fayetteville Works, North Carolina

Location ID	20	21A	22	23A
Sample Event	August 2020	August 2020	August 2020	August 2020
Field Sample ID	STW-LOC-20-4-042820	STW-LOC-21A-082620	STW-LOC-22-4-082620	STW-LOC-23A-2-082620
Date Sampled	8/26/2020	8/26/2020	8/26/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ SOP (ng/L)				
HFPODA	**57**	**16**	**99 J**	**69**
PFMOAA	<2	<2	<2	**520**
PFO2HxA	**14**	**14**	**16**	**110**
PFO3OA	**3.2**	**2.2**	**5.6**	**44**
PFO4DA	<2	<2	**7.6**	<30
PFO5DA	<2	<2	**6.4**	<39
PMPA	<20	**23**	<20	<310
PEPA	<10	<10	<10	<10
PS Acid	**24**	<2	**19**	**6,000**
Hydro-PS Acid	**4.0**	<2	**59**	**230**
R-PSDA	**12**	<2	**270**	**160**
Hydrolyzed PSDA	**86**	**4.2**	**1,200**	**2,500**
R-PSDCA	<2	<2	**2.7**	<8.7
NVHOS	<2	<2	**14**	**24**
EVE Acid	**12**	<2	**33**	**47**
Hydro-EVE Acid	**9.6**	<2	**14**	**7.4**
R-EVE	**4.8**	<2	**330**	<36
PES	<2	<2	<2	<3.4
PFECA B	<2	<2	<2	<13
PFECA-G	<2	<2	<2	<24
Total Table 3+ (17 compounds)*	**150**	**55**	**280**	**7,100**
Total Table 3+ (20 compounds)*	**260**	**59**	**2,100**	**9,700**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
11Cl-PF3OUdS	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20 UJ	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	**2.9**
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
9Cl-PF3ONS	<2	<2	<2	<2
ADONA	--	--	--	--
DONA	<2	<2	<2	<2
NaDONA	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**4.1**	**4.6**	**2.4**	**4.4**
Perfluorobutanoic Acid	**6.0**	**5.8**	<2 R	**20**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	**2.0**
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	**4.1**
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**3.8**	**3.6**	**2.1**	**4.6**
Perfluorohexadecanoic acid (PFHxDA)	--	<2	--	--
Perfluorohexane Sulfonic Acid	**4.2**	**4.2**	<2	**3.8**
Perfluorohexanoic Acid	**7.1**	**7.3**	**3.7 J**	**8.3**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2 UJ	<2
Perfluorooctane Sulfonamide	<2	<2	<2	**2.1**
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**10**	**9.1**	**15 J**	**11**
Perfluorotetradecanoic Acid	<2	<2	<2	**3.4**
Perfluorotridecanoic Acid	<2	<2	<2	**3.7**
Perfluoroundecanoic Acid	<2	<2	<2	**2.4**
PFOA	**6.2**	**6.5**	**4.0**	**23**
PFOS	**11**	**5.4**	**4.7**	**17**

Notes:

* - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.

Locations sampled in August 2020 were collected on August 26, 2020.
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+ compounds were detected above their associated reporting limits.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
R - Reject. The present or absence of the analyte cannot be verified.
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.

TABLE A1
ANALYTICAL RESULTS - 2020 QUARTER 3
Chemours Fayetteville Works, North Carolina

Location ID	23B	24A		24B
Sample Event	August 2020	August 2020	August 2020	August 2020
Field Sample ID	STW-LOC-23B-082620	STW-LOC-24A-082620	STW-LOC-24A-082620-D	STW-LOC-24B-082620
Date Sampled	8/26/2020	8/26/2020	8/26/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	Field Duplicate	--
Table 3+ SOP (ng/L)				
HFPODA	**25**	**28**	**30**	**15**
PFMOAA	<2	**18 J**	**18**	<2
PFO2HxA	**18**	**26 J**	**14 J**	**13**
PFO3OA	**2.8**	**4.1**	**2.2**	**2.1**
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	**32**	**53 J**	**21 J**	**22**
PEPA	<10	**18 J**	<10	<10
PS Acid	**33**	<2	<2	<2
Hydro-PS Acid	**2.0**	<2	<2	<2
R-PSDA	<2	<2	**2.5**	**15**
Hydrolyzed PSDA	**35**	**7.9 J**	**4 J**	**5.5**
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	**35 J**	<2	<2
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ (17 compounds)*	**110**	**150**	**85**	**52**
Total Table 3+ (20 compounds)*	**150**	**190**	**92**	**73**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
11Cl-PF3OUdS	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
9Cl-PF3ONS	<2	<2	<2	<2
ADONA	--	--	--	--
DONA	<2	<2	<2	<2
NaDONA	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**4.4**	**4.3**	**4.5**	**4.1**
Perfluorobutanoic Acid	**5.5**	**6.1**	**6.2**	**5.3**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**3.6**	**3.5**	**3.3**	**3.3**
Perfluorohexadecanoic acid (PFHxDA)	<2	--	--	<2
Perfluorohexane Sulfonic Acid	**4.0**	**4.3**	**4.3**	**4.1**
Perfluorohexanoic Acid	**7.5**	**7.2**	**7.7**	**6.7**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**7.9**	**8.7**	**8.2**	**8.0**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**6.9**	**6.6**	**6.3**	**6.0**
PFOS	**12**	**13**	**11**	**12**

Notes:

* - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.

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

ND - No Table 3+ compounds were detected above their associated reporting limits.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
R - Reject. The present or absence of the analyte cannot be verified.
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TABLE A1
ANALYTICAL RESULTS - 2020 QUARTER 3
Chemours Fayetteville Works, North Carolina

Location ID	24C	EB	EB	EB
Sample Event	August 2020	August 2020	August 2020	August 2020
Field Sample ID	STW-LOC-24C-082620	STW-EQBLK-DR-082620	STW-EQBLK-IS-082620	STW-EQBLK-PP-082620
Date Sampled	8/26/2020	8/26/2020	8/26/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	Equipment Blank	Equipment Blank	Equipment Blank
Table 3+ SOP (ng/L)				
HFPODA	**14**	<4	<4	<4
PFMOAA	**7.4**	<2	<2	<2
PFO2HxA	**13**	<2	<2	<2
PFO3OA	**2.1**	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	**47**	<20	<20	<20
PEPA	<10	<10	<10	<10
PS Acid	**2.7**	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	**20**	<2	<2	<2
Hydrolyzed PSDA	**14**	<2	<2	<2
R-PSDCA	<2	<2	<2	<2
NVHOS	**7.5**	<2	<2	<2
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	**11**	<2	<2	<2
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ (17 compounds)*	**94**	ND	ND	ND
Total Table 3+ (20 compounds)*	**140**	ND	ND	ND
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
11Cl-PF3OUdS	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
9Cl-PF3ONS	<2	<2	<2	<2
ADONA	--	--	--	--
DONA	<2	<2	<2	<2
NaDONA	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**4.0**	<2	<2	<2
Perfluorobutanoic Acid	**4.8**	<2	<2	<2
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**3.3**	<2	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--
Perfluorohexane Sulfonic Acid	**4.0**	<2	<2	<2
Perfluorohexanoic Acid	**6.5**	<2	<2	<2
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**7.2**	<2	<2	<2
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**5.5**	<2	<2	<2
PFOS	**9.2**	<2	<2	<2

Notes:

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Locations sampled in August 2020 were collected on August 26, 2020.
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ng/L - nanograms per liter
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R - Reject. The present or absence of the analyte cannot be verified.
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UJ – Analyte not detected. Reporting limit may not be accurate or precise.
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TABLE A1
ANALYTICAL RESULTS - 2020 QUARTER 3
Chemours Fayetteville Works, North Carolina

Location ID	FBLK	TB
Sample Event	August 2020	August 2020
Field Sample ID	STW-FBLK-082620	STW-TBLK-082620
Date Sampled	8/26/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica
QA/QC	Field Blank	Trip Blank
Table 3+ SOP (ng/L)		
HFPODA	<4	<4
PFMOAA	<2	<2
PFO2HxA	<2	<2
PFO3OA	<2	<2
PFO4DA	<2	<2
PFO5DA	<2	<2
PMPA	<20	<20
PEPA	<10	<10
PS Acid	<2	<2
Hydro-PS Acid	<2	<2
R-PSDA	<2	<2
Hydrolyzed PSDA	<2	<2
R-PSDCA	<2	<2
NVHOS	<2	<2
EVE Acid	<2	<2
Hydro-EVE Acid	<2	<2
R-EVE	<2	<2
PES	<2	<2
PFECA B	<2	<2
PFECA-G	<2	<2
Total Table 3+ (17 compounds)*	ND	ND
Total Table 3+ (20 compounds)*	ND	ND
Other PFAS (ng/L)		
10:2 Fluorotelomer sulfonate	<2	<2
11Cl-PF3OUdS	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20
9Cl-PF3ONS	<2	<2
ADONA	--	--
DONA	<2	<2
NaDONA	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2
Perfluorobutanoic Acid	<2	<2
Perfluorodecane Sulfonic Acid	<2	<2
Perfluorodecanoic Acid	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2
Perfluorododecanoic Acid	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2
Perfluoroheptanoic Acid	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	--	--
Perfluorohexane Sulfonic Acid	<2	<2
Perfluorohexanoic Acid	<2	<2
Perfluorononanesulfonic acid	<2	<2
Perfluorononanoic Acid	<2	<2
Perfluorooctadecanoic acid	<2	<2
Perfluorooctane Sulfonamide	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2
Perfluoropentanoic Acid	<2	<2
Perfluorotetradecanoic Acid	<2	<2
Perfluorotridecanoic Acid	<2	<2
Perfluoroundecanoic Acid	<2	<2
PFOA	<2	<2
PFOS	<2	<2

Notes:

* - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.

Locations sampled in August 2020 were collected on August 26, 2020.
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+ compounds were detected above their associated reporting limits.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
R - Reject. The present or absence of the analyte cannot be verified.
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.

TABLE A2
TOTAL DAILY PRECIPITATION - 2020 QUARTER 3
Chemours Fayetteville Works, North Carolina

Date	Total Precipitation (inches)	Measured Outfall Flow (MGD)
7/1/2020	0.02	21
7/2/2020	--	22
7/3/2020	--	22
7/4/2020	--	19
7/5/2020	--	21
7/6/2020	--	21
7/7/2020	0.13	21
7/8/2020	0.03	22
7/9/2020	0.03	21
7/10/2020	1.03	26
7/11/2020	0.02	20
7/12/2020	--	21
7/13/2020	0.68	21
7/14/2020	--	21
7/15/2020	--	21
7/16/2020	--	20
7/17/2020	--	21
7/18/2020	--	21
7/19/2020	--	20
7/20/2020	0.68	22
7/21/2020	--	22
7/22/2020	--	21
7/23/2020	1.2	23
7/24/2020	0.14	21
7/25/2020	--	*21*
7/26/2020	--	*21*
7/27/2020	--	*21*
7/28/2020	0.01	--
7/29/2020	0.01	--
7/30/2020	--	--
7/31/2020	--	--
8/1/2020	--	20
8/2/2020	--	20
8/3/2020	1.84	27
8/4/2020	0.36	21
8/5/2020	--	20
8/6/2020	0.02	21
8/7/2020	1.08	22
8/8/2020	0.01	19
8/9/2020	0.07	20
8/10/2020	1.1	24
8/11/2020	0.01	20
8/12/2020	--	19
8/13/2020	--	20
8/14/2020	0.05	20
8/15/2020	0.47	20
8/16/2020	--	*18*
8/17/2020	0.81	22
8/18/2020	--	20
8/19/2020	0.22	20
8/20/2020	0.17	20

TABLE A2
TOTAL DAILY PRECIPITATION - 2020 QUARTER 3
Chemours Fayetteville Works, North Carolina

Date	Total Precipitation (inches)	Measured Outfall Flow (MGD)
8/21/2020	0.06	19
8/22/2020	--	17
8/23/2020	--	*18*
8/24/2020	*0.2*	*18*
8/25/2020	--	*19*
8/26/2020	***--***	***18***
8/27/2020	0.01	19
8/28/2020	--	21
8/29/2020	0.04	16
8/30/2020	--	17
8/31/2020	0.02	17
9/1/2020	--	17
9/2/2020	--	16
9/3/2020	--	16
9/4/2020	--	16
9/5/2020	--	16
9/6/2020	--	16
9/7/2020	--	16
9/8/2020	0.02	14
9/9/2020	0.37	17
9/10/2020	--	16
9/11/2020	0.65	16
9/12/2020	--	16
9/13/2020	--	15
9/14/2020	--	15
9/15/2020	--	16
9/16/2020	0.02	16
9/17/2020	1.69	22
9/18/2020	0.09	15
9/19/2020	--	15
9/20/2020	--	17
9/21/2020	--	16
9/22/2020	--	16
9/23/2020	--	16
9/24/2020	--	16
9/25/2020	2	24
9/26/2020	0.01	16
9/27/2020	0.02	17
9/28/2020	0.02	17
9/29/2020		22
9/30/2020	0.01	16

Notes:
Precipitation data obtained from USGS rain gauge at W.O. Huske Dam.
MGD - million gallons per day
USGS - United States Geological Survey
-- - below USGS measurement threshold
72 hour period prior to sample collection date
Sample collection date

TABLE A3
FIELD PARAMETERS - 2020 QUARTER 3 - AUGUST 2020 EVENT
Chemours Fayetteville Works, North Carolina

Location	Sampling Method	pH	Temperature (°C)	Specific Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)
1	Temporal Composite	8.3	30	0.3	5.0	25	18
6A	Grab	8.0	32	2.4	0.0	47	149
6B	Grab	7.7	33	0.3	6.2	31	106
7A	Temporal Composite	8.2	31	0.2	6.9	10	19
7B	Temporal Composite	8.2	31	0.3	6.6	3.6	15
7C	Temporal Composite	8.0	32	0.2	6.6	21	31
8	Temporal Composite	8.2	33	2.9	0.4	51	5.7
9	Temporal Composite	8.1	31	0.2	5.8	18	29
10A	Temporal Composite	8.5	30	0.5	5.4	-7.1	29
12	Temporal Composite	8.2	33	0.7	5.9	54	2.0
14	Temporal Composite	8.6	34	0.7	8.4	71	14
15	Temporal Composite	7.7	32	0.1	6.8	30	51
18	Temporal Composite	9.1	31	0.7	6.5	34	49
19A	Grab	7.3	40	0.1	5.6	49	21
19B	Grab	7.6	39	0.2	7.0	40	237
20	Temporal Composite	7.9	32	0.2	7.4	39	12
21A	Grab	5.7	38	0.1	1.5	179	679
22	Temporal Composite	10.2	33	2.0	6.1	5.1	98
23A	Temporal Composite	7.9	30	1.1	2.5	31	1.5
23B	Grab	8.2	34	0.4	5.8	27	3.4
24A	Grab	6.9	30	0.2	7.5	78	18
24B	Grab	7.3	31	0.2	7.1	77	1.2
24C	Grab	7.5	35	0.2	6.6	58	2.0

Notes:
°C - degrees Celsius
mg/L - milligrams per liter
mS/cm - milliSiemens per centimeter
mV - millivolt
NTU - nephelometric turbidity units
ORP - oxidation reduction potential
Field parameters for the temporal composite samples were collected during sampling directly from the water stream only.

ATTACHMENT A

Laboratory Reports and Data Review Narrative Whitebooks

Laboratory reports are provided on a USB memory storage drive that was shipped with the hard copies provided to NCDEQ

ADQM DATA REVIEW NARRATIVE

Site **Chemours FAY – Fayetteville**

Project **Stormwater Sampling 8/20**

Project Reviewer **Michael Aucoin, AECOM as a Chemours contractor**

Sampling Dates **August 26, 2020**

Analytical Protocol

Laboratory	Analytical Method	Parameter(s)
TestAmerica - Sacramento	537 Modified	PFAS[1]
TestAmerica - Sacramento	Cl. Spec. Table 3 Compound SOP	Table 3+ compounds

[1] Perfluoroalkylsubstances, a list of 35 compounds including HFPO-DA.

Sample Receipt

The following items are noted for this data set:

- All samples were received in satisfactory condition and within EPA temperature guidelines on August 28, 2020.

Data Review

The electronic data submitted for this project was reviewed via the Data Verification Module (DVM) process.

Overall the data is acceptable for use without qualification, except as noted below:

- The non-detect result for PFBA in one sample was qualified R and should be considered to be unusable due to a very poor surrogate (isotope dilution analyte) recovery.
- Several analytical results have been qualified J as estimated, and non-detect results qualified UJ indicating an estimated reporting limit, due to poor recovery of a surrogate or matrix spike, a transition mass ratio for the indicated analyte outside of the established ratio limits, and; poor field duplicate precision. See the Data Verification Module (DVM) Narrative Report for which samples were qualified, the specific reasons for qualification, and potential bias in reported results.

Attachments

The DVM Narrative report is attached. The lab reports due to a large page count are stored on an AECOM 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 is 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)/control sample duplicate (LCSD) recoveries and the RPD between these spikes
- Surrogate spike recoveries for organic analyses
- 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:

Lab Qualifier is the qualifier assigned by the lab 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 lab qualifiers. As they are lab 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 lab 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.**

DVM Narrative Report

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 8/20 **Validation Options:** LABSTATS

Validation Reason One or more surrogates had relative percent recovery (RPR) values less than the data rejection level. The reported result is unusable.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC-22-4-082620	08/26/2020	320-64117-4	Perfluorobutanoic Acid	0.0020	UG/L	PQL		0.0020	R	537 Modified		3535_PFC

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 8/20 **Validation Options:** LABSTATS

Validation Reason 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
STW-LOC-12-4-082620-D	08/26/2020	320-64096-2	NVHOS	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-12-4-082620-D	08/26/2020	320-64096-2	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-12-4-082620-D	08/26/2020	320-64096-2	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 8/20 **Validation Options:** LABSTATS

Validation Reason Only one surrogate has relative percent recovery (RPR) values outside control limits and the parameter is a PFC (Nondetects).

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC-22-4-082620	08/26/2020	320-64117-4	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.020	ug/L	PQL		0.020	UJ	537 Modified		3535_PFC
STW-LOC-10A-4-082620	08/26/2020	320-64093-3	Perfluorooctadecanoic acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-18-4-082620	08/26/2020	320-64117-2	Perfluorooctadecanoic acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-19A-082620	08/26/2020	320-64119-4	Perfluorooctadecanoic acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-19B-082620	08/26/2020	320-64118-1	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-19B-082620	08/26/2020	320-64118-1	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-19B-082620	08/26/2020	320-64118-1	Perfluoroheptane sulfonic acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-19B-082620	08/26/2020	320-64118-1	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-19B-082620	08/26/2020	320-64118-1	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-19B-082620	08/26/2020	320-64118-1	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-19B-082620	08/26/2020	320-64118-1	Perfluorononanesulfonic acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-19B-082620	08/26/2020	320-64118-1	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-19B-082620	08/26/2020	320-64118-1	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-19B-082620	08/26/2020	320-64118-1	11Cl-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-19B-082620	08/26/2020	320-64118-1	Perfluorododecane sulfonic acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-19B-082620	08/26/2020	320-64118-1	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-22-4-082620	08/26/2020	320-64117-4	Perfluorooctadecanoic acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 8/20 **Validation Options:** LABSTATS

Validation Reason 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
STW-LOC-12-4-082620	08/26/2020	320-64096-1	Perfluorononanesulfonic acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-12-4-082620	08/26/2020	320-64096-1	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535_PFC

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 8/20 **Validation Options:** LABSTATS

Validation Reason 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
STW-LOC-12-4-082620	08/26/2020	320-64096-1	R-PSDA	0.023	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-12-4-082620	08/26/2020	320-64096-1	Hydrolyzed PSDA	0.0041	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-12-4-082620	08/26/2020	320-64096-1	Hydrolyzed PSDA	0.0038	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-12-4-082620	08/26/2020	320-64096-1	R-EVE	0.0074	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-082620	08/26/2020	320-64103-1	Hydrolyzed PSDA	0.0079	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-082620	08/26/2020	320-64103-1	R-EVE	0.035	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 8/20 **Validation Options:** LABSTATS

Validation Reason 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
STW-LOC-12-4-082620	08/26/2020	320-64096-1	NVHOS	0.011	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-12-4-082620	08/26/2020	320-64096-1	NVHOS	0.012	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-12-4-082620	08/26/2020	320-64096-1	R-PSDA	0.025	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-12-4-082620	08/26/2020	320-64096-1	R-EVE	0.0071	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-082620	08/26/2020	320-64103-1	PMPA	0.053	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-082620	08/26/2020	320-64103-1	PMPA	0.045	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-082620	08/26/2020	320-64103-1	Hydrolyzed PSDA	0.0084	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-082620	08/26/2020	320-64103-1	R-EVE	0.035	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-082620	08/26/2020	320-64103-1	PEPA	0.018	UG/L	PQL		0.010	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-082620	08/26/2020	320-64103-1	PEPA	0.023	UG/L	PQL		0.010	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-082620	08/26/2020	320-64103-1	PFO2HxA	0.026	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-082620	08/26/2020	320-64103-1	PFO2HxA	0.027	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-082620-D	08/26/2020	320-64103-2	PMPA	0.021	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-082620-D	08/26/2020	320-64103-2	Hydrolyzed PSDA	0.0040	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-082620-D	08/26/2020	320-64103-2	PFO2HxA	0.014	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 8/20 **Validation Options:** LABSTATS

Validation Reason Only one surrogate has relative percent recovery (RPR) values outside control limits and the parameter is a PFC (Detects).

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC-22-4-082620	08/26/2020	320-64117-4	Perfluorohexanoic Acid	0.0037	UG/L	PQL		0.0020	J	537 Modified		3535_PFC
STW-LOC-22-4-082620	08/26/2020	320-64117-4	Hfpo Dimer Acid	0.099	UG/L	PQL		0.0040	J	537 Modified		3535_PFC
STW-LOC-19B-082620	08/26/2020	320-64118-1	PFOA	0.0034	UG/L	PQL		0.0020	J	537 Modified		3535_PFC
STW-LOC-19B-082620	08/26/2020	320-64118-1	PFOS	0.0021	UG/L	PQL		0.0020	J	537 Modified		3535_PFC
STW-LOC-18-4-082620	08/26/2020	320-64117-2	Perfluorobutanoic Acid	0.0048	UG/L	PQL		0.0020	J	537 Modified		3535_PFC

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 8/20 **Validation Options:** LABSTATS

Validation Reason 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
STW-LOC-12-4-082620	08/26/2020	320-64096-1	PFMOAA	0.012	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-12-4-082620	08/26/2020	320-64096-1	PFMOAA	0.012	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-082620	08/26/2020	320-64103-1	PFMOAA	0.018	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-082620	08/26/2020	320-64103-1	PFMOAA	0.018	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 8/20 **Validation Options:** LABSTATS

Validation Reason One or more surrogates had relative percent recovery (RPR) values less than the data rejection level. 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
STW-LOC-22-4-082620	08/26/2020	320-64117-4	Perfluoropentanoic Acid	0.015	UG/L	PQL		0.0020	J	537 Modified		3535_PFC

APPENDIX B
Sitewide and Targeted Stormwater Sampling Summary

Geosyntec consultants

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

APPENDIX B

SITEWIDE AND TARGETED STORMWATER SAMPLING OCTOBER 2019 AND MARCH 2020

INTRODUCTION

This memorandum was prepared by Geosyntec Consultants of NC, P.C. (Geosyntec) for The Chemours Company, FC, LLC (Chemours) to describe the results from two wet weather sampling events conducted at locations representing stormwater-only runoff at the Chemours Fayetteville Works, North Carolina site (the Site). Sampling was conducted to assess per- and polyfluoroalkyl substances (PFAS) concentrations from stormwater locations at the Site (i.e., from drainage ditches or channels before stormwater enters the Site Conveyance Network and mixes with dry weather flows).

An initial sitewide stormwater sampling event occurred in June 2019, and results were reported in the *Assessment of HFPO-DA and PFMOAA in Outfall 002 Discharge and Evaluations of Potential Control Options*[1] (2019 Outfall 002 Assessment). In the 2019 Outfall 002 Assessment, hexafluoropropylene oxide dimer acid (HFPO-DA) and perfluoro-2-methoxyaceticacid (PFMOAA) analytical results from samples collected from Outfall 002 and from the Cape Fear River (at a location representing the river intake), between June 2017 and July 2019, were evaluated. HFPO-DA concentrations generally increased during wet weather, indicating that stormwater is a source of HFPO-DA loading to Outfall 002. Results from the June 2019 sitewide stormwater sampling event (presented in the 2019 Outfall 002 Assessment) showed that stormwater concentrations were generally higher than those measured at Outfall 002, particularly during dry weather. Stormwater concentrations were spatially variable throughout the Site, with certain sample clusters indicating potential areas of higher concentration and loading.

Subsequent stormwater sampling events (described herein) were conducted sitewide (October 2019) and from within targeted areas (March 2020). Stormwater sampling was conducted to continue to support the investigations related to Paragraph 12 in the executed Consent Order entered February 25, 2019 amongst Chemours and the North Carolina Department of Environmental Quality (NCDEQ) and Cape Fear River Watch (CFRW). These data are also being used by Chemours in preparing to implement the stormwater capture and treatment requirements pursuant to Paragraph 4(a) of the Addendum to Consent Order Paragraph 12 (CO Addendum), entered into court on August 13, 2020.

[1] Submitted as Attachment 3 to the *Cape Fear River PFAS Loading Reduction Plan* (August 2019) (Reduction Plan).

The sitewide stormwater grab sampling, conducted in June 2019 and again in October 2019, sampled stormwater representing comingled runoff from various "surface types" (e.g., roofs, plant equipment, paved areas, pervious area, walkways). A subsequent event was conducted in March 2020 to assess investigate PFAS concentrations in stormwater runoff from the various surface types individually in the Chemours Monomers Ion Exchange Materials (IXM) area (Monomers area) and Chemours Polymer Processing Aid (PPA) area as these two areas showed the most elevated PFAS concentrations in prior sampling events.

This appendix presents information from the sitewide stormwater sampling event conducted in October 2019, in addition to the targeted surface type stormwater sampling event in March 2020. As previously noted, the June 2019 sitewide stormwater sampling event was reported in the 2019 Outfall 002 Assessment.

SAMPLING OBJECTIVES

The objective of the sitewide stormwater sampling conducted in October 2019 was to continue to characterize PFAS concentrations in stormwater only flow across the Site. Informed by the results of the June and October 2019 sitewide stormwater sampling, the objective of the targeted surface type stormwater sampling conducted in March 2020 was to perform a more detailed investigation of stormwater runoff concentrations within the Monomers and PPA areas and examine the distribution of PFAS by surface type within these areas.

SAMPLING LOCATIONS

October 2019 Sitewide Stormwater Sampling Locations

Stormwater-only grab and time series samples were collected during the October 2019 sitewide sampling event. The stormwater-only grab samples represented stormwater points of entry into the Site Conveyance Network and did not include any dry weather flows (i.e., non-contact cooling water [NCCW], river discharge, other process water). Samples were collected from 24 stormwater-only locations throughout the Site. The time series samples (also obtained as grab samples) were collected at four grab sample locations at equally spaced intervals throughout the duration of the storm event and subsequent wash out. The sample locations are shown in Figure B1 and listed in Table B1.

March 2020 Targeted Surface Type Stormwater Sampling Locations

Stormwater-only grab samples were collected during this sampling event, from within the Monomers and PPA areas. The drainage areas to each sampling location represented various surface types (i.e., overhead piping, pavement, pervious/gravel, rooftop, miscellaneous). The sample locations are shown in Figures B2 and B3 and listed in Table B2.

There were 31 locations sampled during the targeted surface type stormwater sampling event, with 25 locations in the Monomers area and six locations in the PPA area. In the Monomers area, the following surface types were represented by sample locations:

- Overhead piping: One (1) sample location (gutter/pipe discharge);
- Pavement: Three (3) sample locations (all sheet flow);
- Pervious and gravel: Six (6) sample locations (all sheet flow);
- Roof: 11 sample locations (all gutter/pipe discharge);
- Miscellaneous inlets: One (1) sample location (sheet flow); and
- Mixed surface types: Three (3) sample locations (two or more surface types).

In the PPA area, the following surface types were represented by sample locations:

- Pavement: One (1) sample location (sheet flow);
- Pavement and pervious/gravel: One (1) sample location (sheet flow);
- Roof: Three (3) sample locations (all gutter/pipe discharge); and
- Miscellaneous inlet: One (1) sample location (sheet flow).

SAMPLING PROCEDURES

The sitewide and targeted surface type stormwater sampling involved collecting stormwater runoff samples from sampling locations during a rain event. Samples were collected for laboratory analysis, and water quality parameters were also collected. Methods are described below in the Methods section.

Parsons of NC conducted the field work and sampling described in this memorandum. All work was performed according to the project health and safety plan prepared by Parsons (Parsons Health and Safety Plan Chemours Fayetteville Site, 2018). A Plan on Action Discussion and Project Safety Analysis was held prior to commencing field activities.

Sample Collection

Sitewide stormwater samples were collected from the locations specified in Table B1 and shown in Figure B1. Targeted surface type stormwater samples were collected from the locations specified in Table B2 and shown in Figures B2 and B3. Time-series samples are denoted in the figures as “-1”, “-2”, and “-3” in order of sample time. Grab samples were collected in 250 milliliter (mL) high density polyethylene (HDPE) bottles with a wide-mouth screw-cap. Bottles were either filled by hand or using a properly decontaminated dip rod with the bottle attached with

a nylon zip tie. Sample bottle caps were securely fastened after sample collection. Sample collection began once 0.1 inches of rainfall had fallen. Each sample was labelled with a unique sample identification number, date, time and location of sampling, and the initials of the individual collecting the sample. A field notebook was used to record information regarding additional items such as quality assurance/ quality control (QA/QC), sample identifications, field parameters, and other observations.

Water Quality Parameter Assessment

Water quality parameters were also collected at the locations where samples were collected. All equipment was inspected by the field program on-Site supervisor and calibrated at least daily prior to use in the field according to the manufacturer's recommended guidelines. Calibration information was recorded in a field logbook. Field parameters were measured with a water quality meter after sample collection and include the following:

- pH;
- Total dissolved solids [TDS] (milligrams per liter, mg/L); and
- Turbidity (nephelometric turbidity units, NTU).

Decontamination Methods

Sample containers were new and used only once for each sample. Disposable equipment (e.g., gloves, tubing, etc.) was not reused and these items did not require decontamination. All non-dedicated or non-disposable sampling equipment was decontaminated immediately before sample collection in the following manner:

- De-ionized water rinse;
- Scrub with de-ionized water containing non-phosphate detergent (i.e., Alconox®); and
- De-ionized water rinse.

Sample Shipping, Chain of Custody, and Holding Times

Upon sample collection, each labelled, containerized sample was placed into a plastic bag inside an insulated sample cooler with ice. Prior to shipment of the samples to the laboratory, a chain of custody (COC) form was completed by the field sample custodian. Sample locations, sample identification numbers, description of samples, number of samples collected, and specific laboratory analyses to be performed on the samples were recorded on the COC form. The COC was signed by the field personnel relinquishing the samples to the courier and was signed by the laboratory upon receipt of the cooler.

Field QA/QC Samples

The following field QA/QC samples were collected and analyzed during each sampling event:

- Two blind field duplicates (one for every 20 samples);
- One equipment blank for the dip rod;
- One field blank; and
- One trip blank[2].

Documentation

The project field team kept a daily record of field activities during the execution of field work including sampling notes and observations, instrument calibration records, measured field parameters, sample COC, and shipping records.

Laboratory Analyses

Laboratory analyses varied between the two sampling events.

Sitewide Stormwater Sampling

Stormwater samples from the sitewide stormwater sampling event in October 2019 were analyzed for PFAS by the Table 3+ Laboratory Standard Operating Procedure (SOP) and EPA Method 537 Mod (Laboratory SOP). PFAS reported under each of these methods are listed in Table B3. Samples were analyzed by TestAmerica Sacramento.

The SOP for laboratory analysis of Table 3+ parameters includes filtering all samples through a 0.2 micrometer (µm) filter. Therefore, stormwater samples from the October 2019 sitewide sampling event were filtered with a 0.2 µm filter.

Targeted Surface Type Stormwater Sampling

Stormwater samples from the targeted surface type stormwater sampling event in March 2020 were analyzed for total PFAS by the Table 3+ SOP. PFAS reported under this method are listed in Table B3. Samples were analyzed by Lancaster Laboratories. Stormwater samples from the targeted surface type stormwater sampling event, representing "total" PFAS, were not filtered (through the typical Table 3+ SOP requirement of a 0.2 µm filter) in the field or upon arrival at the laboratory.[3] Select grab samples from the targeted surface type stormwater sampling event

[2] Only collected during the October 2019 sampling event.
[3] Due to a high level of visible suspended solids in the samples from locations 68 and 85, the "total" PFAS samples from these locations were filtered with a 0.45 µm filter prior to analysis. These results are presented with other "total" PFAS concentrations in the maps and bar plots, including notes to specify the varying filtering protocol. However, these data are not included in the boxplots or statistical analyses because the analytical methods are not consistent with the other "total" PFAS samples.

were also analyzed for dissolved (i.e., filtrate) PFAS.[4] These samples were filtered at the laboratory with a 0.45 µm filter.

RESULTS AND DISCUSSION

This section discusses the data quality protocols, Table 3+ compounds analyzed, and discussion of the results from each stormwater sampling event.

Data Quality

The 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 manual review of the data was conducted. The DVM and the manual 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 spikes;
- Surrogate spike recoveries for organic analyses; and
- RPD between field duplicate sample pairs.

A manual review of the data was also conducted and includes instrument-related quality control results for calibration standards, blanks, and recoveries. The data review process (DVM plus manual review) applied the following data evaluation qualifiers to the analytical results as required:

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

[4] Select grab samples (as specified in Table B2) were also analyzed for Total Suspended Solids (TSS) and solid residue collected on the filter (particulate PFAS). Results for these analyses are included in Attachment B-2.

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

The data review process described above was performed for all 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.

Table 3+ Compounds

As reported in the Matrix Interference During Analysis of Table 3+ Compounds memorandum (Geosyntec, 2020a), matrix interference studies conducted by the analytical laboratory (TestAmerica, Sacramento) have shown that the quantitation of three compounds (R-PSDA [formerly Byproduct 4], Hydrolyzed PSDA [formerly Byproduct 5], and R-EVE) is inaccurate due to interferences by the sample matrix in both groundwater and surface water. Given the matrix interference issues, Total Table 3+ PFAS concentrations are calculated in two ways: (i) summing over 17 of the 20 Table 3+ compounds "Total Table 3+ (sum of 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+ (sum of 20 compounds)". Expressing these data as a range represents possible values of what these results might be without matrix interferences. In other words, the sum of all 17 compounds is an underestimate of the actual value while the sum of the 20 compounds is likely an overestimate of the actual value.

For clarity the text and figures of this report describe the Total Table 3+ (sum of 17 compounds). The tables include both the Total Table 3+ (sum of 17 compounds) and Total Table 3+ (sum of 20 compounds).

Sitewide Stormwater Sampling

Sampling was conducted between 9:50 AM and 12:45 PM on October 16, 2019. Prior to the sampled rain event, there was an antecedent dry period of 48 hrs. Sampling began after 0.3 inches of rain had fallen and throughout the sampling event, there was an additional 0.07 inches of rainfall. The cumulative rainfall throughout the rain event, in addition to the period when sampling occurred, is shown in Figure B4. At each sampling location, the project field team recorded field parameter measurements and observations. Field notes and measurements are shown in Table B4 and the full field forms, including photographs, are included in Attachment A-1.

Compared to the June 2019 sitewide stormwater sampling event (average Total Table 3+ concentration = 17,000 ng/L), PFAS concentrations in stormwater during the October 2019 sampling event were generally higher (average Total Table 3+ concentration = 45,000 ng/L). Consistent with the June 2019 results, the highest concentrations in stormwater were observed in the Monomers area, as shown in the map in Figure B1 and the plots in Figure B5 and Figure B6.

The average Total Table 3+ concentration in the Monomers area was 330,000 nanograms per liter (ng/L), which was higher than the average at the rest of the Site (excluding the Monomers area) (19,000 ng/L).

Two locations were sampled in the Monomers area (Locations 10 and 42) in October 2019. Three time series samples were collected from Location 42. Sample results showed that concentrations at this location were elevated throughout the sampling event; Total Table 3+ concentrations ranged from 340,000 ng/L (second of the three times series samples) to 530,000 ng/L (first of the three samples). Furthermore, Locations 10 and 42 had the two highest PFMOAA and Total Table 3+ concentrations of any location sampled during the event, and Location 10 had the highest HFPO-DA concentration. This is consistent with the June 2019 stormwater sampling results, where the highest stormwater concentrations were observed in the Monomers area.

The PPA area was also identified in the June 2019 event as another area with elevated PFAS concentrations in stormwater, although not as elevated as in the Monomers area. During the October 2019 sitewide sampling event, this spatial trend was not as evident. Stormwater concentrations in the PPA area were within the range of concentrations at the rest of the Site for HFPO-DA (range of 820 to 2,300 ng/L, range at locations not within the PPA or Monomers areas was 180 to 80,000 ng/L), as shown in Figure B6. Further, the average Total Table 3+ concentration in the PPA area (2,500 ng/L) was actually lower compared to the rest of the Site (excluding the Monomers and PPA areas) (21,000 ng/L).

Location 54 in the southwestern portion of the Site also exhibited elevated PFAS concentrations during the October 2019 stormwater sampling event, with concentrations of 80,000 ng/L, 650 ng/L, and 96,000 ng/L for HFPO-DA, PFMOAA, and Total Table 3+, respectively. Location 52 also exhibited elevated concentrations during both the June and October 2019 stormwater sampling events. Stormwater concentrations in October 2019 were 23,000 ng/L, 3,100 ng/L, and 85,000 ng/L, for HFPO-DA, PFMOAA, and Total Table 3+, respectively. This sampling location drains a small area north of the cooling water channel in the Monomers area, in the northeast corner of the Site (just east of the north easternmost building on Site), which ultimately drains to the seeps. These waters will be treated pursuant to the requirements of the CO Addendum Paragraph 2(c)(i).

Targeted Surface Type Stormwater Sampling

Targeted surface type stormwater sampling was conducted between 10:45 AM and 3:30 PM on March 5, 2020. Prior to the sampled storm, there was an antecedent dry period of 31 hrs. There was 0.14 inches of rain before sampling began. During the sampling period, there was approximately 0.1 inches of rain and rainfall intensity ranged from 0.01 to 0.05 inches per hour, as shown in Figure B7. Rainfall intensity was fairly constant throughout the sampling period. At each sampling location, the project field team recorded field parameter measurements and observations. Field notes and measurements are shown in Table B5 and the full field forms,

including photographs, are included in Attachment A-2. Observations regarding surface types were used to verify and revise the original designations for each sampling location.

Results from the targeted surface type stormwater sampling event in March 2020, in the Monomers area, are shown in Figure B2 and the plots in Figure B8 and Figure B9. The plots are colored based on the surface types of the sampling location drainage areas. In the Monomers area, average Total Table 3+ concentrations during the targeted surface type stormwater sampling event (53,000 ng/L) were lower than during the June 2019 and October 2019 sitewide sampling events (74,000 ng/L and 330,000 ng/L, respectively). A similar trend was observed at the sample location in the Monomers area that was sampled during all three stormwater sampling events (Location 42), where the Total Table 3+ concentrations were 150,000 ng/L (average of time-series samples), 440,000 ng/L (average of time-series samples), and 130,000 ng/L, in June 2019, October 2019, and March 2020, respectively.

Consistent with the results from the sitewide sampling event, concentrations were highest in the Monomers area. During the targeted surface type stormwater sampling event, trends between surface types (i.e., overhead piping, pavement, pervious/gravel, rooftop, miscellaneous) were consistent for HFPO-DA, PFMOAA, and Total Table 3+ concentrations. Total Table 3+ concentrations for areas draining pavement were compared against locations draining other surface types using a Mann Whitney U test with a significance level of 0.05. While the median Total Table 3+ concentration for locations draining pavement (73,000 ng/L, n = 5) was higher than the median concentration for locations draining other surface types (10,000 ng/L, n = 19), the Mann Whitney U test revealed no statistically significant difference (p-value = 0.08). Elevated concentrations were measured at locations draining various surface types, suggesting that all surface types evaluated contributed to the PFAS concentrations observed in Monomers area stormwater.

Concentrations in stormwater samples from the PPA area were lower than concentrations in samples from the Monomers area, as shown in the map in Figure B3 and the charts in Figure B8 and Figure B9. The average Total Table 3+ concentration in the PPA area was 480 ng/L compared to 53,000 ng/L in the Monomers area. In the PPA area, the concentration at the sampling location draining pavement was slightly higher than concentrations at sampling locations draining other surface types[5]. However, even the concentration in the area with pavement (Total Table 3+ concentration = 900 ng/L) was lower than the concentrations in the majority of samples (from all surface types) in the Monomers area.

Select grab samples from the targeted surface type stormwater sampling event were also analyzed for dissolved (i.e., filtrate) PFAS. Dissolved concentrations were compared against total concentrations for HFPO-DA, PFMOAA, and Total Table 3+. As shown in Figure B10, total and dissolved PFAS concentrations were generally equivalent for each sample. The average dissolved

[5] Sample sizes were not sufficiently large to perform statistical tests on surface type data from the PPA area.

fraction for Total Table 3+ was 92%, indicating that PFAS in stormwater is primarily in the dissolved form.

CONCLUSIONS

Wet weather sampling was conducted at locations representing stormwater-only runoff at the Site, in order to assess PFAS concentrations from stormwater locations. Stormwater sampling was conducted at sitewide locations in June and October 2019, and sampling was again conducted in March 2020, in targeted areas only (Monomers and PPA areas), to investigate PFAS concentrations in stormwater runoff from the various surface types. The June 2019 sampling event was reported in the 2019 Outfall 002 Assessment, and the October 2019 and March 2020 sampling events are presented herein.

The sitewide stormwater sampling results from October 2019 showed that PFAS concentrations in stormwater were highest in the Monomers area, consistent with findings from the June 2019 stormwater sampling event. During the October 2019 and March 2020 sampling events, stormwater concentrations in the PPA area were consistent with the rest of the Site and notably lower than the Monomers area. Because the stormwater sampling locations from the two sitewide sampling events represented comingled runoff from various surface types (e.g., roofs, paved areas, pervious areas), a targeted surface stormwater sampling event was conducted, in the Monomers and PPA areas, to determine if certain surface types were contributing higher concentrations of PFAS in stormwater.

Stormwater runoff concentrations exhibited notable spatial variation during the targeted surface type sampling event, between the two areas assessed. The sitewide average stormwater concentration, excluding the Monomers area, was 19,000 ng/L for Total Table 3+ during the October 2019 stormwater sampling event. Additionally, as discussed in the 2019 Outfall 002 Assessment, the concentrations measured at Outfall 002 were separated into estimated concentrations and flows from stormwater versus dry weather flows. Based on the approach outlined in the 2019 Outfall 002 Assessment, the average concentration of stormwater at Outfall 002 was estimated to be 9,600 ng/L (considering Outfall 002 data from August 2019 through May 2020). This estimated average stormwater concentration includes contributions from the Monomers area.

As presented herein, the average Total Table 3+ stormwater concentration from the Monomers area was 330,000 ng/L and 53,000 ng/L during the October 2019 and March 2020 stormwater sampling events, respectively. This data suggest that average PFAS stormwater concentrations measured in the Monomers area are consistently higher than the sitewide average stormwater concentrations, as estimated from concentrations measured at Outfall 002 and as measured during sitewide stormwater sampling. PFAS concentrations were consistently higher in the Monomers area than the PPA area. Given that the two areas are similar in size and therefore contribute similar

flows, this indicates that the Monomers area is likely the most significant contributor of PFAS concentrations to stormwater at Outfall 002.

Within the Monomers area, there was no clear relationship between concentrations and surface types. Within the Monomers area, surface type did not appear to affect concentrations in stormwater. Additionally, PFAS concentrations in stormwater were found to be predominantly in the dissolved fraction.

REFERENCES

Geosyntec, 2020a. Matrix Interference During Analysis of Table 3+ Compounds. Chemours Fayetteville Works. June 30, 2020.

Parsons, 2018. Health and Safety Plan Chemours Fayetteville Site.

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Enclosures:

Table B1: October 2019 Sitewide Stormwater Sampling Locations

Table B2: March 2020 Targeted Surface Type Sampling Locations

Table B3: PFAS and Associated Analytical Methods

Table B4: October 2019 Sitewide Stormwater Sampling Field Notes

Table B5: March 2020 Targeted Surface Type Sampling Field Notes

Figure B1: Map of Sitewide Stormwater Sampling – October 2019: HFPO-DA, PFMOAA, and Total Table 3+ Concentrations

Figure B2: Map of Chemours Monomers/IXM Area – March 2020: HFPO-DA, PFMOAA, and Total Table 3+ Concentrations

Figure B3: Map of Kuraray SentryGlas and Chemours PPA Area – March 2020: HFPO-DA, PFMOAA, and Total Table 3+ Concentrations

Figure B4: Cumulative Rainfall of 10/16/2019 at Chemours Fayetteville

Figure B5: Sitewide Stormwater Samples by Location: HFPO-DA, PFMOAA, and Total Table 3+ Concentrations

Figure B6: Sitewide Stormwater Samples by Site Region: HFPO-DA, PFMOAA, and Total Table 3+ Concentrations

Figure B7: Cumulative Rainfall on 3/5/2020 at USGS station 02105500

Figure B8: Targeted Surface Type Samples by Location: HFPO-DA, PFMOAA, and Total Table 3+ Concentrations

Figure B9: Sitewide Stormwater Samples by Surface Type: HFPO-DA, PFMOAA, and Total Table 3+ Concentrations

Figure B10: Dissolved vs Total: HFPO-DA, PFMOAA, and Total Table 3+ Concentrations

Attachment A: Field Forms

Attachment B: Analytical Results

TABLES

TABLE B1
OCTOBER 2019 SITEWIDE STORMWATER SAMPLING LOCATIONS
Chemours Fayetteville Works, North Carolina

Location	Individual Grab Sample[1]	Time Series Samples[2]
2	✓	
3	✓	
5	✓	
10	✓	
13	✓	
25	✓	
26	✓	
27	✓	
28	✓	
29	✓	
30	✓	
31	✓	
32	✓	
33	✓	
34	✓	
35	✓	✓
36	✓	
37	✓	
38	✓	✓
39	✓	✓
40	✓	
41	✓	
42	✓	✓
43	✓	
44	✓	
45	✓	
46	✓	
47	✓	
52	✓	
53	✓	
54	✓	
55	✓	

1 - Samples were collected for:

Total PFAS, by EPA Method 537 Mod and Table 3+ Lab SOP.

2 - Collected 3 separate grab samples at equally spaced intervals throughout the duration of the storm event and subsequent wash out.

TABLE B2
MARCH 2020 TARGETED SURFACE TYPE SAMPLING
LOCATIONS Chemours Fayetteville Works, North Carolina

Location	Surface Type[1]	Sample Type[2]	Individual Grab Sample[3]	Dissolved PFAS, Solid Residue, and TSS[4]
61	Grass, Pavement, and Pervious/Gravel	Sheet flow	✓	
79	Micellaneous Inlet	Sheet flow	✓	
83	Miscellaneous Inlet	Sheet flow	✓	
78	Overhead Piping	Gutter/Pipe Discharge	✓	
68	Pavement	Sheet flow	✓	
71	Pavement	Sheet flow	✓	✓
80	Pavement	Sheet flow	✓	
84	Pavement	Sheet flow	✓	
85	Pavement and Pervious/Gravel	Sheet flow	✓	
62	Pervious/Gravel	Sheet flow	✓	✓
63	Pervious/Gravel	Sheet flow	✓	✓
64	Pervious/Gravel	Sheet flow	✓	✓
65	Pervious/Gravel	Sheet flow	✓	✓
77	Pervious/Gravel	Sheet flow	✓	✓
63A	Pervious/Gravel	Sheet flow	✓	✓
42	Roof	Gutter/Pipe Discharge	✓	✓
43	Roof	Gutter/Pipe Discharge	✓	
58	Roof	Gutter/Pipe Discharge	✓	✓
59	Roof	Gutter/Pipe Discharge	✓	
60	Roof	Gutter/Pipe Discharge	✓	
66	Roof	Gutter/Pipe Discharge	✓	
67	Roof	Gutter/Pipe Discharge	✓	
72	Roof	Gutter/Pipe Discharge	✓	✓
73	Roof	Gutter/Pipe Discharge	✓	
75	Roof	Gutter/Pipe Discharge	✓	
76	Roof	Gutter/Pipe Discharge	✓	
86	Roof	Gutter/Pipe Discharge	✓	
87	Roof	Gutter/Pipe Discharge	✓	
88	Roof	Gutter/Pipe Discharge	✓	
69	Roof and Pavement	Sheet flow	✓	✓
70	Roof, Pervious/Gravel, and Pavement	Sheet flow	✓	

1 - Surface type corresponds to source material of stormwater at specified location.

2 - Sample type corresponds to type of discharge and collection method.

3 - For the stormwater source area sampling event, samples were collected for:

Total PFAS by Table 3+ Lab SOP. Samples were shipped to Lancaster Laboratories. Samples were not filtered (through the typical Table 3+ SOP requirement of a 0.2 µm filter) upon arrival at the laboratory.

4 - Select grab samples were also analyzed for the following:

Dissolved PFAS by Table 3+ Lab SOP using a 0.45 µm filter (dissolved or filtrate PFAS, in ng/L).
Filtering was conducted at the lab.
Total Suspended Solids (TSS, in mg/L)
Solid residue collected on the filter (particulate PFAS, in ng/mL)

TABLE B3
PFAS AND ASSOCIATED ANALYTICAL METHODS
Chemours Fayetteville Works, North Carolina

Analytical Method	Common Name	Chemical Name	CASN	Chemical Formula
Table 3+ Lab SOP	HFPO-DA*	Hexafluoropropylene oxide dimer acid	13252-13-6	C6HF11O3
	PEPA	Perfluoro-2-ethoxypropionic acid	267239-61-2	C5HF9O3
	PFECA-G	Perfluoro-4-isopropoxybutanoic acid	801212-59-9	C12H9F9O3S
	PFMOAA	Perfluoro-2-methoxyacetic acid	674-13-5	C3HF5O3
	PFO2HxA	Perfluoro-3,5-dioxahexanoic acid	39492-88-1	C4HF7O4
	PFO3OA	Perfluoro-3,5,7-trioxaoctanoic acid	39492-89-2	C5HF9O5
	PFO4DA	Perfluoro-3,5,7,9-tetraoxadecanoic acid	39492-90-5	C6HF11O6
	PMPA	Perfluoro-2-methoxypropionic acid	13140-29-9	C4HF7O3
	Hydro-EVE Acid	2,2,3,3-tetrafluoro-3-({1,1,1,2,3,3-hexafluoro-3-[(1,2,2,2-tetrafluoroethyl)oxy]propan-2-yl}oxy)propionic acid	773804-62-9	C8H2F14O4
	EVE Acid	2,2,3,3-tetrafluoro-3-({1,1,1,2,3,3-hexafluoro-3-[(1,2,2-trifluoroethenyl)oxy]propan-2-yl}oxy)propionic acid	69087-46-3	C8HF13O4
	PFECA B	Perfluoro-3,6-dioxaheptanoic acid	151772-58-6	C5HF9O4
	R-EVE	Pentanoic acid, 4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5,5-octafluoro	2416366-22-6	C8H2F12O5
	PFO5DA	Perfluoro-3,5,7,9,11-pentaoxadodecanoic acid	39492-91-6	C7HF13O7
	R-PSDA	Pentanoic acid, 2,2,3,3,4,5,5,5-octafluoro-4-(1,1,2,2-tetrafluoro-2-sulfoethoxy)	2416366-18-0	C7H2F12O6S
	R-PSDCA	Ethanesulfonic acid, 1,1,2,2-tetrafluoro-2-[1,2,2,3,3-pentafluoro-1-(trifluoromethyl)propoxy]	2416366-21-5	C6H2F12O4S
	Hydrolyzed PSDA	Acetic acid, 2-fluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro-2-sulfoethoxy)propoxy]	2416366-19-1	C7H3F11O7S
	NVHOS	1,1,2,2,4,5,5,5-heptafluoro-3-oxapentanesulfonic acid; or 2-(1,2,2,2-ethoxy)tetrafluoroethanesulfonic acid; or 1-(1,1,2,2-tetrafluoro-2-sulfoethoxy)-1,2,2,2-tetafluoroethane	1132933-86-8	C4H2F8O4S
	PES	Perfluoro-2-ethoxyethanesulfonic acid	113507-82-7	C4HF9O4S
	PS Acid	Ethanesulfonic acid, 2-[1-[difluoro[(1,2,2-trifluoroethenyl)oxy]methyl]-1,2,2,2-tetrafluoroethoxy]-1,1,2,2-tetrafluoro	29311-67-9	C7HF13O5S
	Hydro-PS Acid	Ethanesulfonic acid, 2-[1-[difluoro(1,2,2,2-tetrafluoroethoxy)methyl]-1,2,2,2-tetrafluoroethoxy]-1,1,2,2-tetrafluoro	749836-20-2	C7H2F14O5S
EPA Method 537 Mod	PFBA	Perfluorobutanoic acid	375-22-4	C4HF7O2
	PFDA	Perfluorodecanoic acid	335-76-2	C10HF19O2
	PFDoA	Perfluorododecanoic acid	307-55-1	C12HF23O2
	PFHpA	Perfluoroheptanoic acid	375-85-9	C7HF13O2
	PFNA	Perfluorononanoic acid	375-95-1	C9HF17O2
	PFOA	Perfluorooctanoic acid	335-67-1	C8HF15O
	PFHxA	Perfluorohexanoic acid	307-24-4	C6HF11O2
	PFPeA	Perfluoropentanoic acid	2706-90-3	C5HF9O2
	PFTeA	Perfluorotetradecanoic acid	376-06-7	C14HF27O2
	PFTriA	Perfluorotridecanoic acid	72629-94-8	C13HF25O2
	PFUnA	Perfluoroundecanoic acid	2058-94-8	C11HF21O2
	PFBS	Perfluorobutanesulfonate	375-73-5	C4HF9SO
	PFDS	Perfluorodecanesulfonate	335-77-3	C10HF21O3S
	PFHpS	Perfluoroheptanesulfonic acid	375-92-8	C7HF15O3S
	PFHxS	Perfluorohexanesulfonic acid	355-46-4	C6HF13SO3
	PFNS	Perfluorononanesulfonate	68259-12-1	C9HF19O3S
	PFOS	Perfluorosulfonic acid	1763-23-1	C8HF17SO3
	PFPeS	Perfluoropentane sulfonic acid	2706-91-4	C5HF11O3S
	10:2 FTS	Fluorotelomer sulfonate 10:2	120226-60-0	C12H5F21O3
	4:2 FTS	Fluorotelomer sulfonate 4:2	757124-72-4	C6H5F9O3S
	6:2 FTS	Fluorotelomer sulfonate 6:2	27619-97-2	C8H5F13SO3
	8:2 FTS	Fluorotelomer sulfonate 8:2	39108-34-4	C10H5F17O3S
	NEtFOSAA	N-ethyl perfluorooctane sulfonamidoacetic acid	2991-50-6	C12H8F17NO4S
	NEtPFOSA	N-ethylperfluoro-1-octanesulfonamide	4151-50-2	C10H6F17NO2S
	NEtPFOSAE	N-ethyl perfluorooctane sulphonamidoethanol	1691-99-2	C12H10F17NO3S
	NMeFOSAA	N-methyl perfluorooctane sulfonamidoacetic acid	2355-31-9	C11H6F17NO4S
	NMePFOSA	N-methyl perfluoro-1-octanesulfonamide	31506-32-8	C9H4F17NO2S
	NMePFOSAE	N-methyl perfluorooctane sulfonamidoethanol	24448-09-7	C11H8F17NO3S
	PFDOS	Perfluorododecanesulfonic acid	79780-39-5	C12HF25O3S
	PFHxDA	Perfluorohexadecanoic acid	67905-19-5	C16HF31O2
	PFODA	Perfluorooctadecanoic acid	16517-11-6	C18HF35O2
	PFOSA	Perfluorooctane Sulfonamide	754-91-6	C8H2F17NO2S
	F-53B Major	F-53B Major	73606-19-6	C8HClF16O4S
	F-53B Minor	F-53B Minor	83329-89-9	C10HClF20O4S
	ADONA	4,8-dioxa-3H-perfluorononanoate	958445-44-8	C7H2F12O4
	NaDONA	NaDONA	EVS1361	--
	DONA	DONA	919005-14-4	--

Notes:
*HFPO-DA may also appear on the EPA Method 537 Mod analyte list
EPA - Environmental Protection Agency
PFAS - per- and polyfluoroalkyl substances
SOP - Standard Operating Procedure

TABLE B4
OCTOBER 2019 SITEWIDE STORMWATER
SAMPLING FIELD NOTES Chemours Fayetteville
Works, North Carolina

Location ID	Sample Date and Time	Temperature (°C)	Sky	Precipitation	Wind (mph)	pH	TDS	Turbidity	Observations
55	10/16/19 9:48	18	Cloudy	Rain	5.00	4.95	0.066	255	
52	10/16/19 10:10	20	Cloudy	Rain	5.00	5.36	0.023	608	
10	10/16/19 10:30	19	Cloudy	Rain	6.00	5.68	0.037	53.5	Taken further up from road because of vac truck
40	10/16/19 10:42	19	Cloudy	Rain	6.00	5.86	0.057	11.3	
41	10/16/19 10:45	19	Cloudy	Rain	6.00	5.9	0.049	80	
2	10/16/19 11:00	19	Cloudy	Rain	6.00	6.09	0.027	100	
25	10/16/19 11:05	19	Cloudy	Rain	6.00	5.97	0.016	16.2	
3	10/16/19 11:10	19	Cloudy	Rain	6.00	6	0.011	136	
27	10/16/19 11:25	19	Cloudy	Rain	6.00	6.07	0.012	1000	Great deal of leaf litter in ditch
28	10/16/19 11:30	19	Cloudy	Rain	6.00	6.07	0.014	105	
5	10/16/19 11:50	21	Cloudy	Rain	6.00	6.36	0.016	15.4	
30	10/16/19 11:55	21	Cloudy	Rain	6.00	5.85	0.024	151	
31	10/16/19 12:10	21	Cloudy	Rain	8.00	5.83	0.013	154	MS/REP/DUP
32	10/16/19 12:20	21	Cloudy	Rain	8.00	6.26	0.019	1000	MS REP DUP
34	10/16/19 12:45	21	Cloudy	None	8.00	6.34	0.032	890	
33	10/16/19 12:40	21	Cloudy	None	8.00	6.25	0.026	822	
54	10/16/19 12:55	21	Cloudy	None	8.00	6.55	0.023	1000	
36	10/16/19 13:05	21	Cloudy	None	8.00	6.57	0.036	12.1	
13	10/16/19 13:20	21	Cloudy	Rain	8.00	6.69	0.017	9.5	
37	10/16/19 13:27	22	Cloudy	None	9.00	6.43	0.05	1000	
39	10/16/19 13:50	22	Cloudy	None	5.00	6.78	0.047	0.8	
38	10/16/19 13:35	22	Cloudy	None	3.00	6.07	0.026	0.2	
35	10/16/19 13:20	22	Cloudy	None	2.00	6.71	0.025	86.4	
42	10/16/19 10:26	19	Cloudy	Rain	3.00	5.4	0.048	16.3	Took from larger white plastic pipe (East side)
35	10/16/19 10:55	19	Cloudy	None	6.00	5.81	0.024	66.4	Taken from opposing side of 35
38	10/16/19 11:13	20	Cloudy	Rain	3.00	5.91	0.036	14.4	
39	10/16/19 11:23	20	Cloudy	Rain	3.00	6.28	0.061	1.8	
42	10/16/19 11:50	21	Cloudy	None	5.00	6.55	0.023	13.2	
35	10/16/19 12:10	21	Cloudy	None	5.00	6.52	0.023	52.4	
38	10/16/19 12:25	21	Cloudy	None	3.00	6.46	0.032	0	
39	10/16/19 12:35	21	Cloudy	None	4.00	6.71	0.049	7.2	
42	10/16/19 12:45		Cloudy	None		6.72	0.03	7	

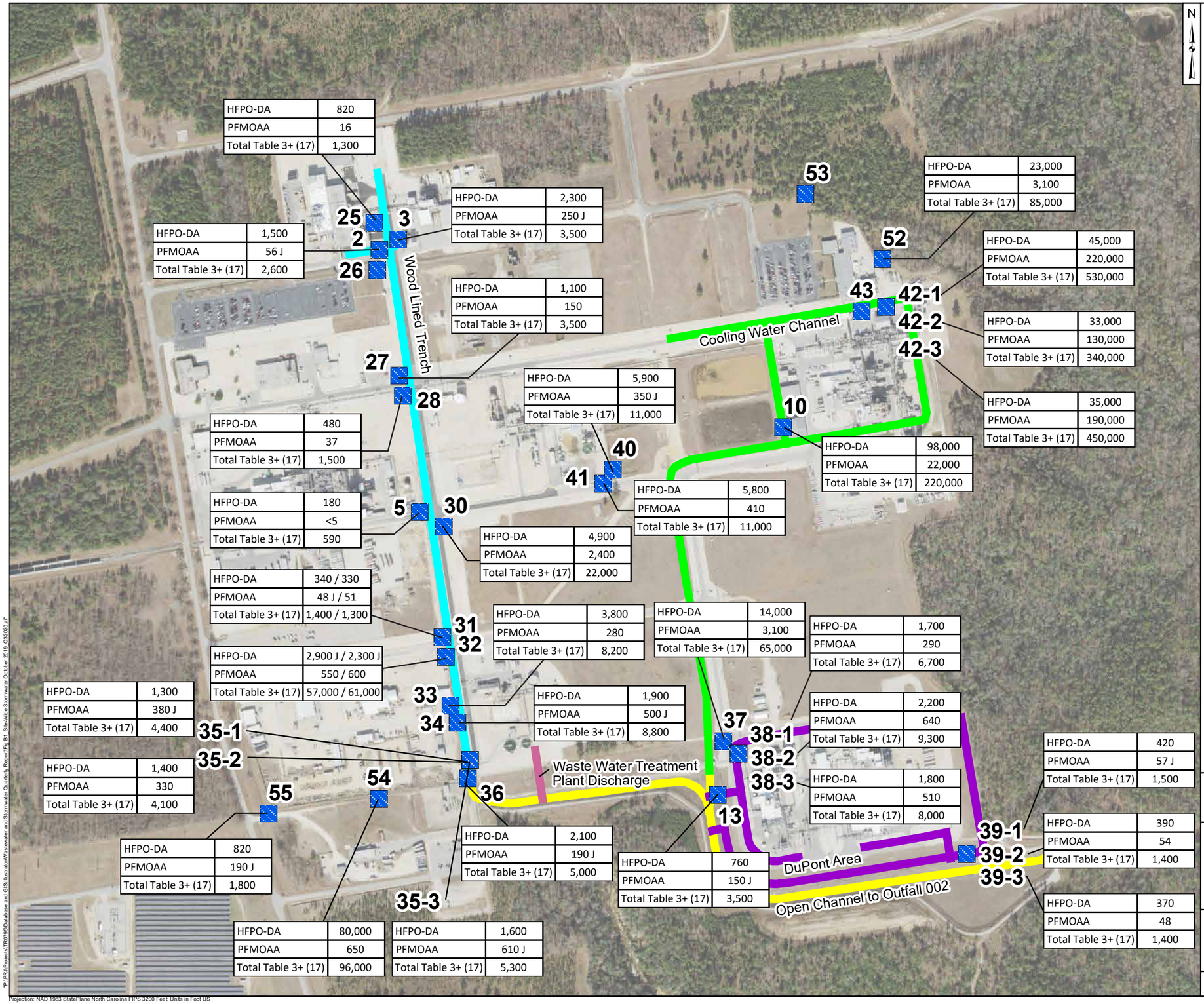
TABLE B5
MARCH 2020 TARGETED SURFACE TYPE SAMPLING
FIELD NOTES Chemours Fayetteville Works, North Carolina

Location ID	Sample Date and Time	Temperature (°C)	Sky	Precipitation	Wind (mph)	Measured Flow Rate (L/min)	pH	TDS	Turbidity	Observations
42	3/5/20 11:20	11	Cloudy	Rain	4.00	1.8	7.72	0.15	7.99	Flow from pipe
43	3/5/20 11:30	11	Cloudy	Rain	4.00	2.1	7.85	0.13	126.35	Flow from pipe
58	3/5/20 12:45	10	Cloudy	Rain	4.00	2.3	7.71	0	1.83	Sample from roof of building
59	3/5/20 12:50	10	Cloudy	Rain	4.00	1.4	7.6	0.03	33.56	Sample most likely from pavement
60	3/5/20 12:55	10	Cloudy	Rain	4.00	1.3	7.66	0.02	1.72	Sample coing from roof of building
61	3/5/20 11:15	11	Cloudy	Rain	2.00	NS	7.83	0.11	139.87	Sample taken from beneath grate. Flow coming from gravel/sand/grass field to the NW. Couldn't get flow due to multiple entry locations into grate.
62	3/5/20 15:00	10	Cloudy	Rain	4.00	0.3	8.39	0.12	49.77	None
63	3/5/20 10:45	11	Cloudy	Rain	6.00	NS	7.99	0.23	189.88	Collected sample from water flowing into drainage ditch. Water flowing from gravel area to the north. Could not get flow rate.Sample from imperious surface
63A	3/5/20 13:45	9	Cloudy	Rain	8.00	3.1	7.22	0.01	4.34	Sample coming from gravel area west of pipe, sampled from pipe.
64	3/5/20 13:20	11	Cloudy	Rain	8.00	3	7.28	0.02	38.7	Sample flowing from gravel area south of culvert
65	3/5/20 13:30	11	Cloudy	Rain	8.00	NS	7.52	0.04	338	Sample coming from gravel area south of colvert and also from pavement (road) west of location. Can’t get flow rate due to rocks
66	3/5/20 13:50	9	Cloudy	Rain	7.00	0.25	7.08	0.01	1.64	Sample from roof of building
67	3/5/20 14:00	9	Cloudy	Rain	7.00	0.57	7.03	0.02	1.61	Sample from roof
68	3/5/20 14:30	9	Cloudy	Rain	7.00	NS	6.7	0.04	420.72	Sample coming from pavement to the NW of grateUnable to get flow rate due to multiple entry’s into grate
69	3/5/20 14:40	11	Cloudy	Rain	7.00	NS	7.69	0.02	23.73	No flow due to multiple entry waysSample from pavement coming from road and processing area
70	3/5/20 14:50	11	Cloudy	Rain	7.00		7.55	0.05	32.54	No flow rate. Sample coming from runoff from gravel area
71	3/5/20 13:20	11	Cloudy	Rain	4.00	0.3	7.85	0.13	163.16	Sample taken by dip rod. Flow coming from crack in the concrete, seeping from puddles around grate
72	3/5/20 23:10	10	Cloudy	Rain	3.00	0.2	7.79	0.1	2.57	Flow from roof
73	3/5/20 11:00	11	Cloudy	Rain	3.00	0.3	7.76	0.06	0.54	Flow from roof
75	3/5/20 14:30	10	Cloudy	Rain	6.00	0.2	7.54	0.06	0.3	Water coming from roof
76	3/5/20 14:00	10	Cloudy	Rain	6.00	0.2	7.69	0.16	4.51	Flow from rooftop
77	3/5/20 12:50	12	Cloudy	Rain	6.00	0.5	7,52	0.04	29.75	Flow coming from road run off into drain
78	3/5/20 12:40	11	Cloudy	Rain	5.00	0.1	7.25	0.05	1.29	Flow estimated by volume in tray after 30 seconds, sample taken from downspout from steel tray attached below overhead pipes. Sample taken from HDPE tray seen in photo.
79	3/5/20 23:40	11	Cloudy	Rain	5.00	NS	7.68	0.05	28.28	Sample coming from location 79. Under from trailer and into grate. Unclear if coming from pipe or from pool after the pipe.Couldn’t get flow due to multiple entry points
80	3/5/20 11:45	10	Cloudy	Rain	5.00	NS	8.04	0.07	99.64	Sample coming from imperious surface. Loading/unloading area at IXM.Couldn’t get flow due to multiple entrys into grate
83	3/5/20 14:15	9	Cloudy	Rain	8.00	1.1	7.27	0.07	15.24	Drain from ppa lab gutter, closest to ppa
84	3/5/20 12:20	10	Cloudy	Rain	8.00	1.7	7.13	0.05	15.97	Sentry glass sheet flow sampled with dip rod at pipe in ditch, located adjacent to ppa
85	3/5/20 15:30	9	Cloudy	Rain	7.00	0.2	6.53	0.01	27.82	Location flows into wood lined ditch, very light rain. Flow through the gravel

TABLE B5
MARCH 2020 TARGETED SURFACE TYPE SAMPLING
FIELD NOTES Chemours Fayetteville Works, North Carolina

Location ID	Sample Date and Time	Temperature (°C)	Sky	Precipitation	Wind (mph)	Measured Flow Rate (L/min)	pH	TDS	Turbidity	Observations
86	3/5/20 13:43	10	Cloudy	Rain	7.00	0.061	6.87	0.1	5.82	Pipe coming from trailer roof at ppa. The pipe is the one closest to ppa not the entrance
87	3/5/20 11:40	11	Cloudy	Rain	7.00	13.2	7.59	0.07	4.13	Roof drain pipe drain from Sentry glass facing PPA
88	3/5/20 15:06	9	Cloudy	Rain	8.00	NS	6.87	0	4.11	second to last drainage pipe from roof at sentry glass, behind towards main gate. Could not measure flow, likely about 5 liters per minute

FIGURES



Legend

- Stormwater Grab Sample Location

Discharge Areas

- Wood Lined Trench
- Waste Water Treatment Plant Discharge
- Cooling Water Channel
- Open Channel to Outfall 002
- DuPont Area Ditches

Constituent

HFPO-DA	340 / 330
PFMOAA	48 J / 51
Total Table 3+ (17)	1,400 / 1,300

Result (ng/L) | Duplicate Result (ng/L)

Notes:
HFPO-DA - Hexafluoropropylene oxide dimer acid
J - estimated value
ng/L - nanograms per liter
PFMOAA - Perfluoro-2-methoxyacetic acid

1. Samples collected in October 2019.
2. All concentrations are in ng/L.
3. Total Table 3+ (17) concentrations are summed over 17 compounds (excluding R-PSDA, Hydrolyzed PSDA, and R-EVE), and include HFPO-DA results evaluated by EPA Method 537 Mod.
4. Non-detect values were not included in sum of total Table 3+ results.
5. Total Table 3+ results include J-qualified data.
6. Samples were filtered with a 0.2 µm filter
7. Aerial imagery provided by ESRI Basemaps, 2017.

500 250 0 500 Feet

Sitewide Stormwater – October 2019
HFPO-DA, PFMOAA, and Total Table 3+ Concentrations
Chemours Fayetteville Works, North Carolina

Geosyntec consultants
Geosyntec Consultants of NC, P.C.
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Figure **B1**

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

"P:\PRJ\Projects\TR0795D\database and GIS\Illustrator\Wastewater and Stormwater Quarterly Report\Fig B1 Site-Wide Stormwater October 2019 Q32020.ai"

HFPO-DA	5,100
PFMOAA	77,000
Total Table 3+ (17)	100,000

HFPO-DA	520
PFMOAA	22
Total Table 3+ (17)	810

HFPO-DA	300 J
PFMOAA	12 J
Total Table 3+ (17)	530

HFPO-DA	910
PFMOAA	18
Total Table 3+ (17)	1,100

HFPO-DA	1,500
PFMOAA	21
Total Table 3+ (17)	1,700

HFPO-DA	3,500
PFMOAA	110,000
Total Table 3+ (17)	130,000

HFPO-DA	2,900 J
PFMOAA	250 J
Total Table 3+ (17)	5,200

HFPO-DA	86,000
PFMOAA	14,000
Total Table 3+ (17)	430,000

HFPO-DA	19,000 J
PFMOAA	100,000 J
Total Table 3+ (17)	180,000

HFPO-DA	3,600
PFMOAA	48
Total Table 3+ (17)	5,200

HFPO-DA	15,000 J
PFMOAA	12,000 J
Total Table 3+ (17)	160,000

HFPO-DA	32,000 J / 30,000 J
PFMOAA	9,300 J / 8,900 J
Total Table 3+ (17)	73,000 / 69,000

HFPO-DA	6,200
PFMOAA	1,100
Total Table 3+ (17)	18,000

HFPO-DA	9,600
PFMOAA	2,100
Total Table 3+ (17)	22,000

HFPO-DA	1,000 J
PFMOAA	33 J
Total Table 3+ (17)	1,400

HFPO-DA	210,000
PFMOAA	1,600
Total Table 3+ (17)	330,000

HFPO-DA	14,000
PFMOAA	7,600
Total Table 3+ (17)	33,000

HFPO-DA	1,800 J
PFMOAA	140 J
Total Table 3+ (17)	3,800

HFPO-DA	860
PFMOAA	21
Total Table 3+ (17)	20,000

HFPO-DA	1,100
PFMOAA	9.1
Total Table 3+ (17)	2,100

HFPO-DA	1,300
PFMOAA	480
Total Table 3+ (17)	4,900

HFPO-DA	2,100
PFMOAA	49
Total Table 3+ (17)	12,000

HFPO-DA	2,300 J
PFMOAA	2,300 J
Total Table 3+ (17)	10,000

HFPO-DA	3,800 J
PFMOAA	210 J
Total Table 3+ (17)	13,000

HFPO-DA	12,000 J / 9,800 J
PFMOAA	250 J / 270 J
Total Table 3+ (17)	54,000 / 55,000

72 73 74* 42 43 71 76 75 62 77 78 57* 69 70 79 80 58 81* 59 63A 60 63 61 64 65 66 67 68**

Cooling Water Channel

N

Legend

- Stormwater Grab Sample Location

Source Area Types

- Miscellaneous Inlets
- Overhead Piping
- Pavement
- Pervious and Gravel Areas
- Roof
- Cooling Water Channel
- Chemours Monomers IXM

Constituent

HFPO-DA	12,000 J / 9,800 J
PFMOAA	250 J / 270 J
Total Table 3+ (17)	54,000 / 55,000

Result (ng/L) | Duplicate Result (ng/L)

Notes:
HFPO-DA - Hexafluoropropylene oxide dimer acid
IXM - ion exchange materials
J - estimated value
ng/L - nanograms per liter
PFMOAA - Perfluoro-2-methoxyacetic acid

1. Samples collected on March 5, 2020.
2. All concentrations are in ng/L.
3. Total Table 3+ (17) concentrations are summed over 17 compounds (excluding R-PSDA, Hydrolyzed PSDA, and R-EVE), and include HFPO-DA results evaluated by EPA Method 537 Mod.
4. Non-detect values were not included in sum of total Table 3+ results.
5. Total Table 3+ results include J-qualified data.
6. * - Location was not sampled during the March 5, 2020 sampling event because location was either dry or water was stagnant.
7. ** - Due to a high level of visible sediment in the sample, the sample was filtered in the laboratory using a 0.45 um filter prior to analysis.
8. Aerial imagery provided by ESRI Basemaps, 2017.

150 75 0 150 Feet

Chemours Monomers/IXM Area – March 2020
HFPO-DA, PFMOAA, and Total Table 3+ Concentrations

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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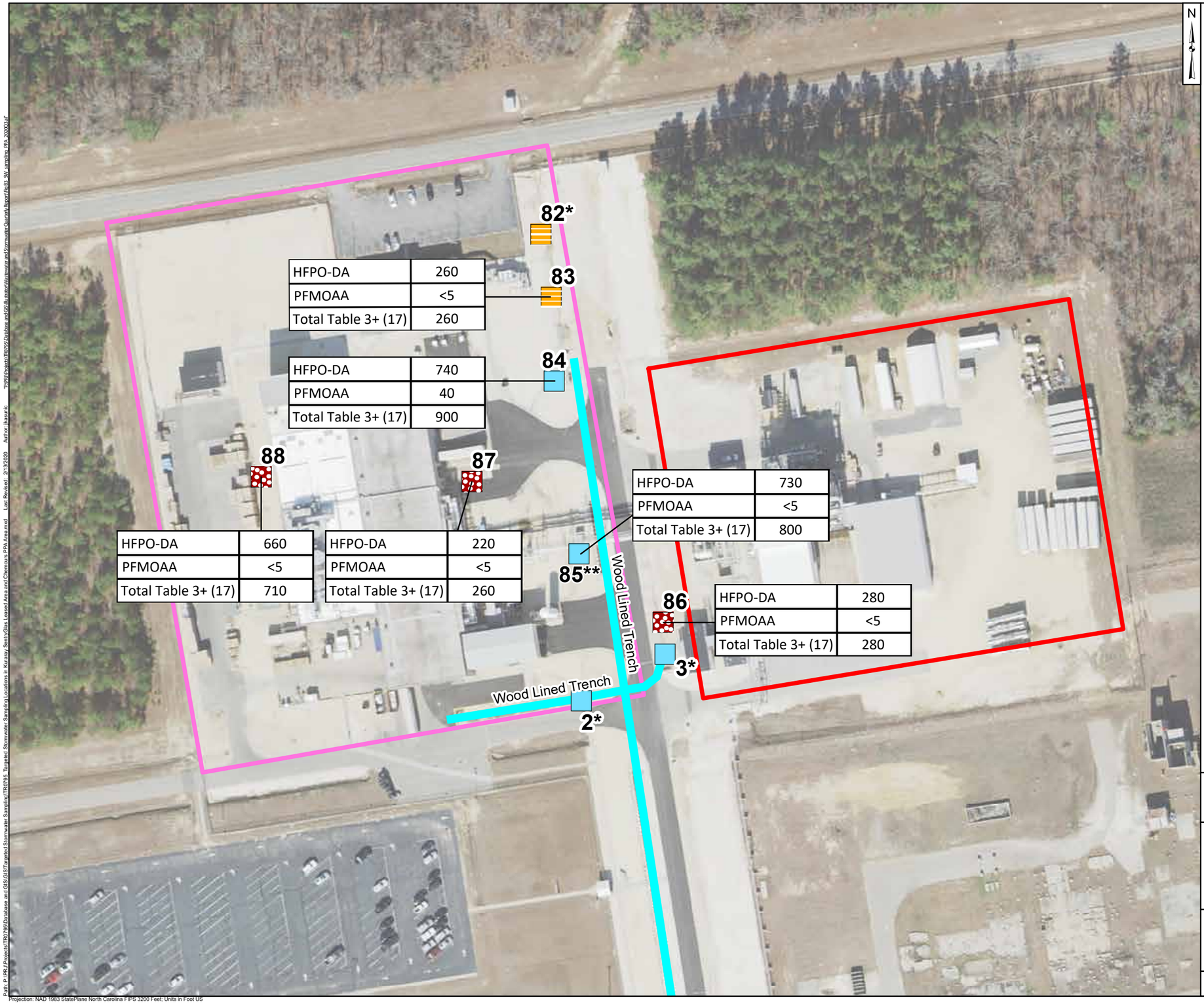
Figure **B2**

Path: P:\PR\Projects\TR0795\Database and GIS\GIS\Targeted Stormwater Sampling\Fig1 SW HFPODA ChemoursMonoIXM Apr20 TR0837.mxd Last Revised: 4/7/2020 Author: ikasunic

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



Legend

- Stormwater Grab Sample Location

Source Area Types

- Miscellaneous Inlets
- Pavement
- Roof
- Wood Lined Trench
- Chemours Polymer Processing Aid (PPA) Area
- Kuraray SentryGlas® Leased Area

Constituent — HFPO-DA 260; PFMOAA <5; Total Table 3+ (17) 260 — Result (ng/L)

Notes:
HFPO-DA - Hexafluoropropylene oxide dimer acid
ng/L - nanograms per liter
PFMOAA - Perfluoro-2-methoxyacetic acid
PPA - Polymer Processing Aid

1. Samples collected on March 5, 2020.
2. All concentrations are in ng/L.
3. Total Table 3+ (17) concentrations are summed over 17 compounds (excluding R-PSDA, Hydrolyzed PSDA, and R-EVE), and include HFPO-DA results evaluated by EPA Method 537 Mod.
4. Non-detect values were not included in sum of total Table 3+ results.
5. Total Table 3+ results include J-qualified data.
6. * - Location was not sampled during the March 5, 2020 sampling event because location was either dry or water was stagnant.
7. ** - Due to a high level of visible sediment in the sample, the sample was filtered in the laboratory using a 0.45 um filter prior to analysis.
8. Aerial imagery provided by ESRI Basemaps, 2017.

150 75 0 150 Feet

Kuraray SentryGlas and Chemours PPA Area – March 2020 HFPO-DA, PFMOAA, and Total Table 3+ Concentrations

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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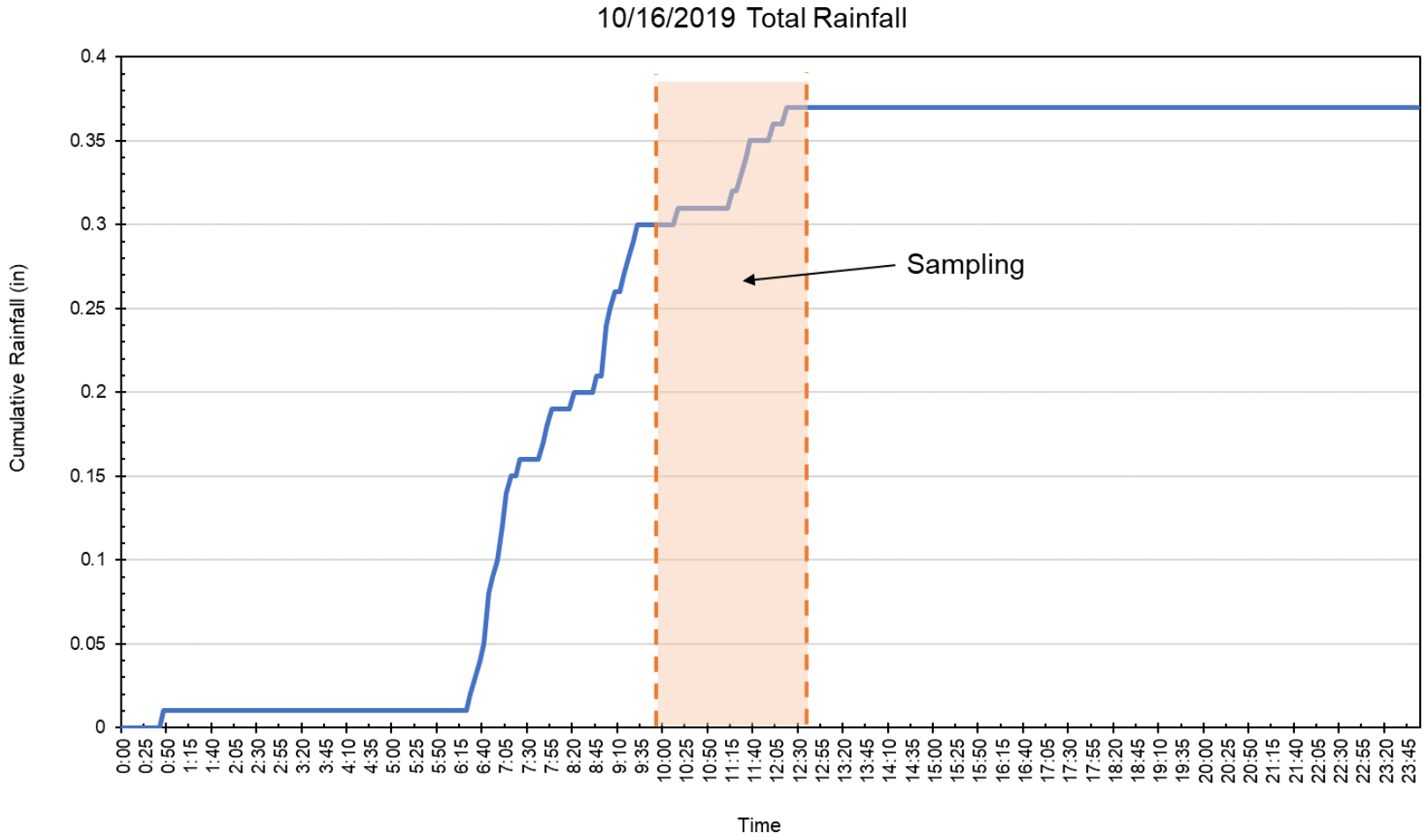
Figure B3

Path: P:\PRJ\Projects\TR07961\Database and GIS\GIS\Targeted Stormwater Sampling\TR07961_Targeted Stormwater Sampling Locations in Kuraray SentryGlas Leased Area and Chemours PPA Area.mxd Author: jkasunic Last Revised: 2/13/2020

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



Notes:
Stormwater samples collected between 9:50 AM and 12:45 PM on October 16, 2019
Rainfall data obtained from Chemours Fayetteville meteorological station

Cumulative Rainfall on 10/16/2019 at Chemours Fayetteville
Chemours Fayetteville Works, North Carolina

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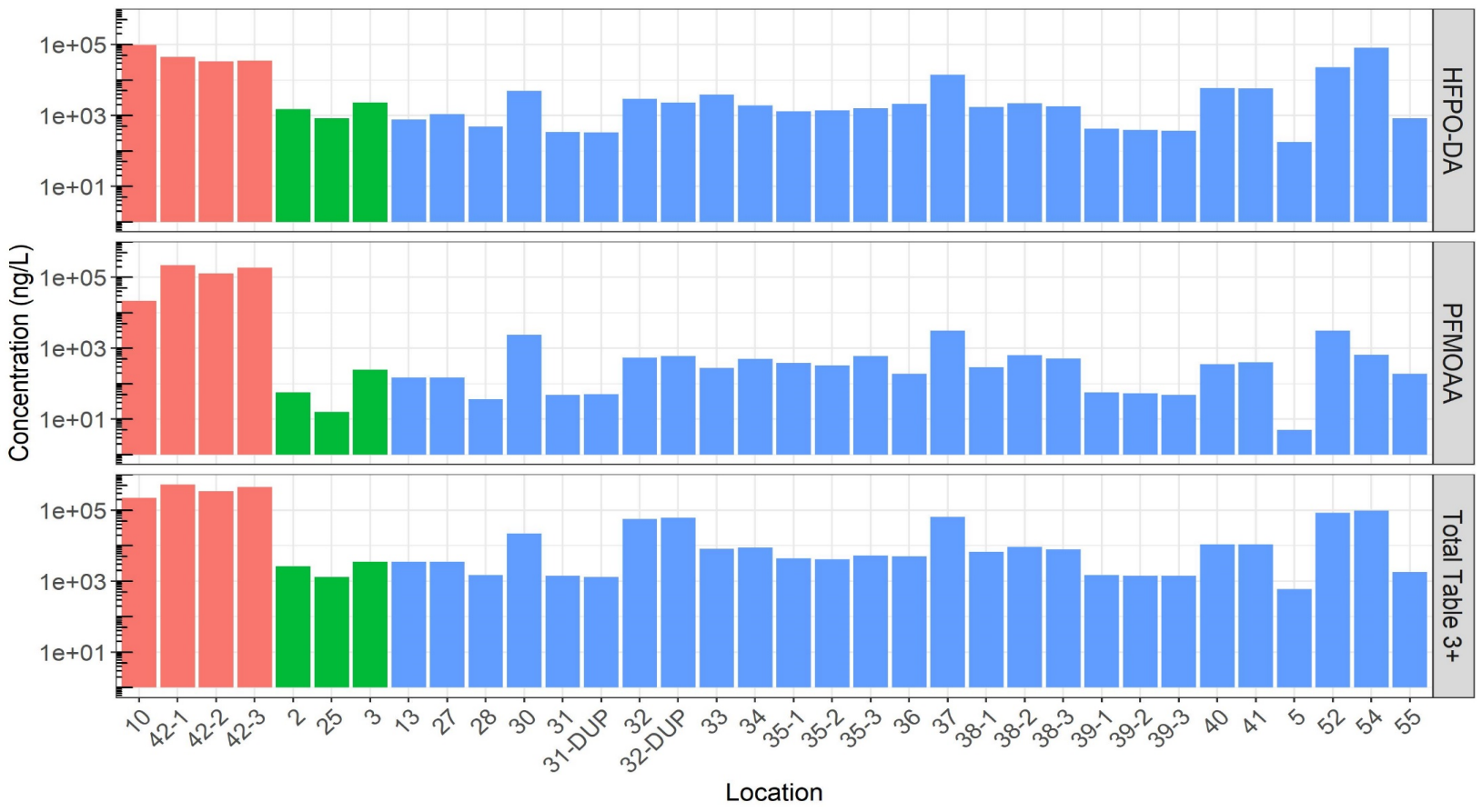
Figure
B4



Legend

- Chemours Monomers/IXM Area
- Kuraray SentryGlas/Chemours PPA Area
- Other

Notes:

-Stormwater samples were collected 10/16/2020
-Total Table 3+ is calculated as the sum of 17 compounds
-Four locations had three timeseries samples collected. Denoted in order of sample time as "-1", "-2", and "-3".
-Samples were filtered with a 0.2 µm filter

Acronyms:

ng/L: nanograms per liter
DUP: duplicate sample

Sitewide Stormwater Samples by Location
HFPO-DA, PFMOAA, and Total Table 3+ Concentrations
Chemours Fayetteville Works, North Carolina

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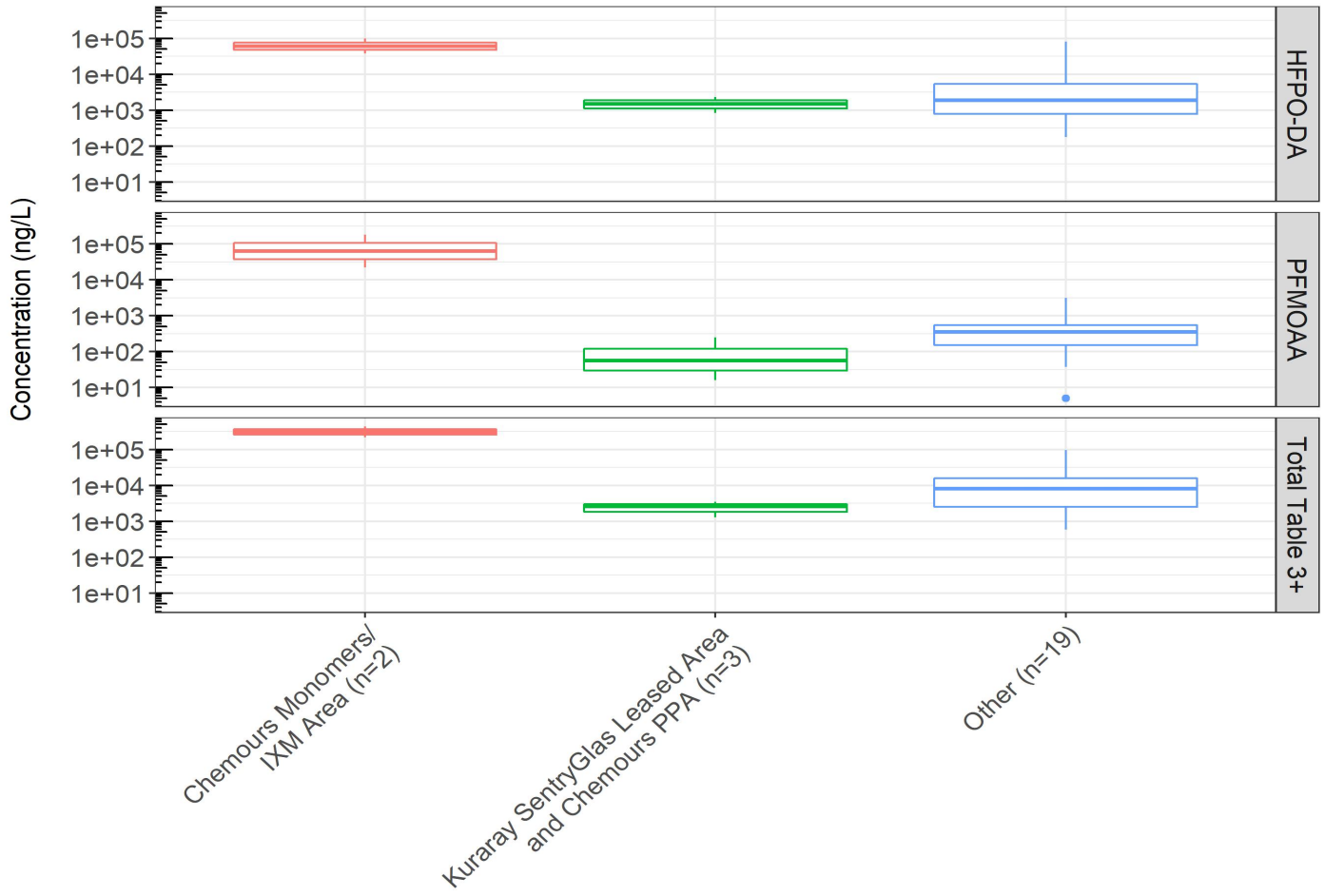
Figure
B5



Notes:

-Stormwater samples were collected 10/16/2020
-Total Table 3+ is calculated as the sum of 17 compounds
-Where duplicate samples were collected, the highest value is used
-Where timeseries samples were collected, the average is used
-Samples were filtered with a 0.2 µm filter

Acronyms:

ng/L: nanograms per liter

Sitewide Stormwater Samples by Site Region
HFPO-DA, PFMOAA, and Total Table 3+ Concentrations
Chemours Fayetteville Works, North Carolina

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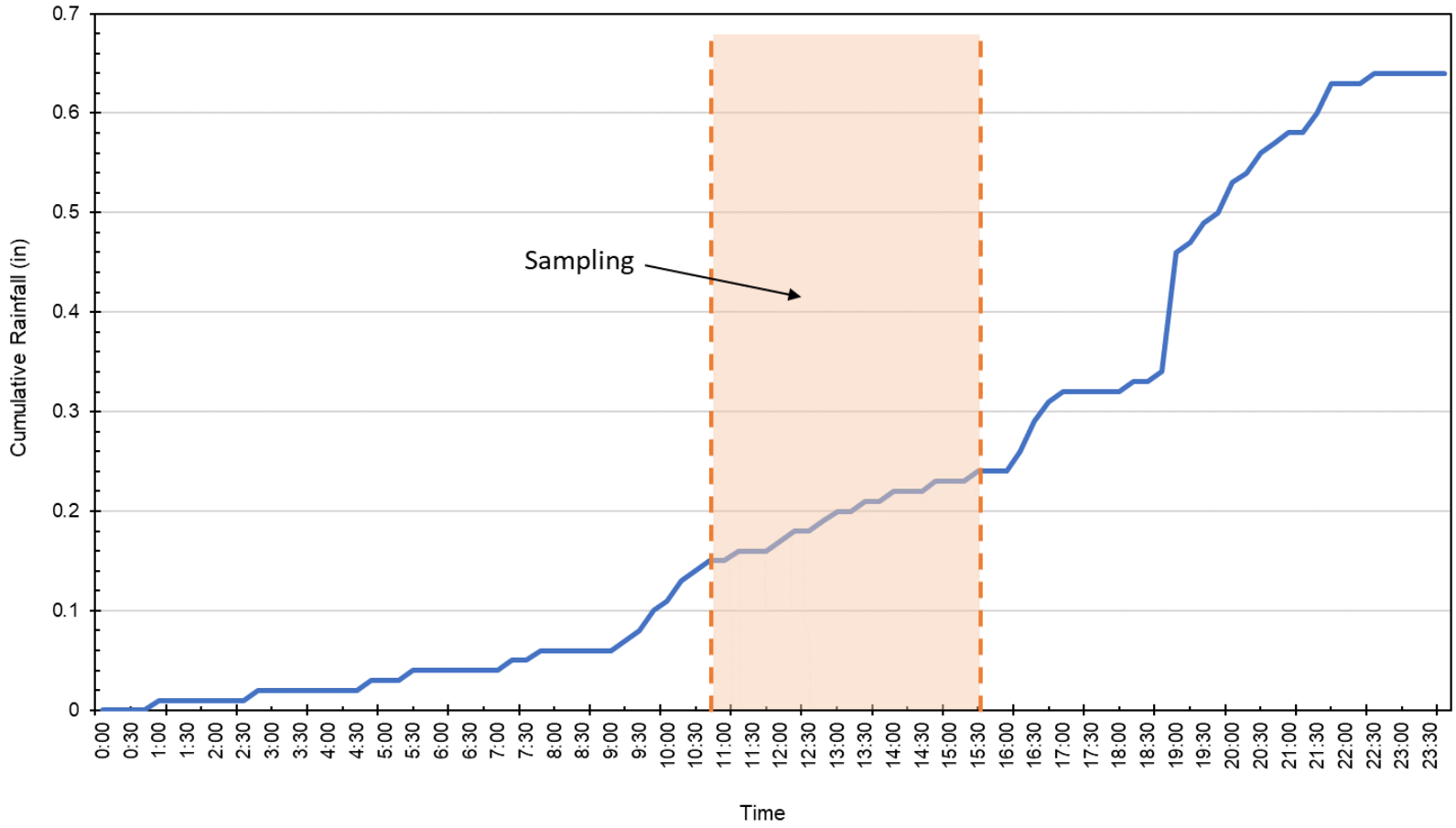
Figure
B6



Notes:
Stormwater samples collected between 10:45 AM and 3:30 PM on March 5, 2020
Rainfall data obtained from USGS National Water Information System due to power outage onsite

Rainfall Intensity on 3/5/2020 at USGS station 02105500
Chemours Fayetteville Works, North Carolina

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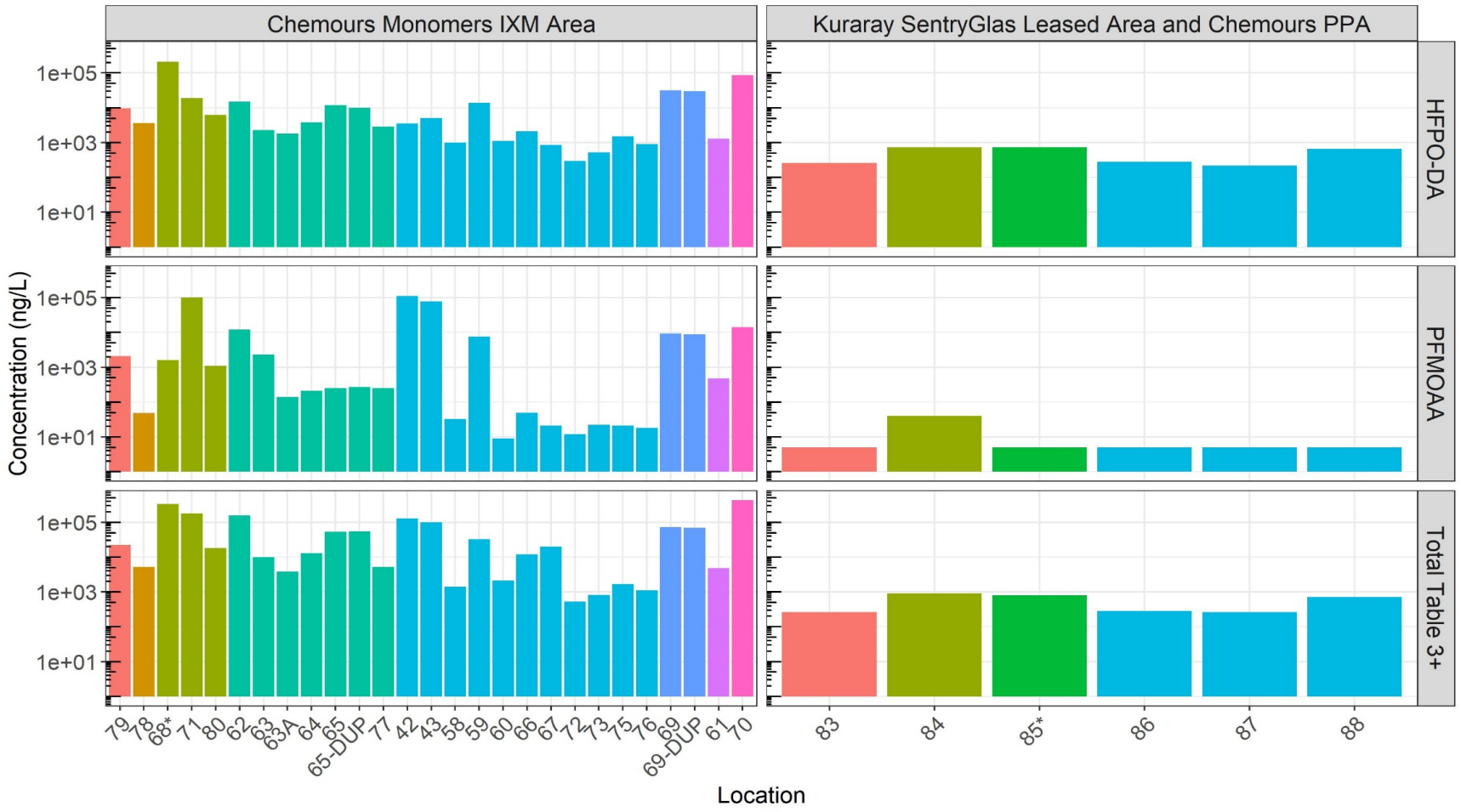
Figure
B7



Legend

- Miscellaneous Inlet
- Overhead Piping
- Pavement
- Pavement and Pervious/Gravel
- Pervious/Gravel
- Roof
- Roof, Pavement, and Overhead Piping
- Roof, Pervious/Gravel, and Pavement
- Roof,Pervious/Gravel, Pavement, and Overhead Piping

Notes:
-Stormwater samples were collected 3/5/2020
-Total Table 3+ is calculated as the sum of 17 compounds
* Due to a high level of visible sediment in the samples at location 68 and 85, the samples were filtered in the laboratory using a 0.45 um filter prior to analysis.

Acronyms:
ng/L: nanograms per liter
DUP: duplicate sample

Targeted Surface Type Samples by Location
HFPO-DA, PFMOAA, and Total Table 3+ Concentrations
Chemours Fayetteville Works, North Carolina

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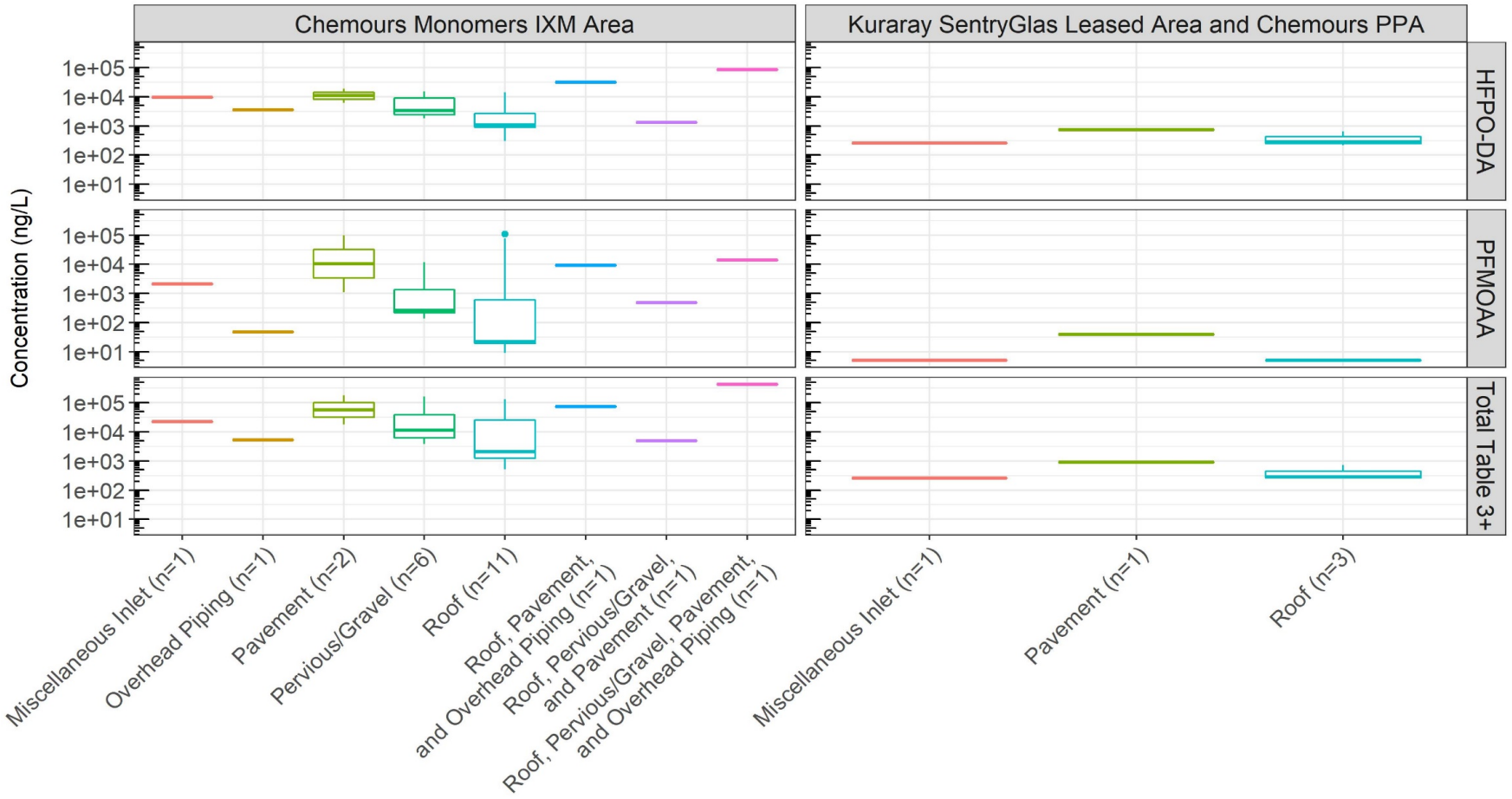
Figure
B8



Notes:

-Stormwater samples were collected 3/5/2020
-Total Table 3+ is calculated as the sum of 17 compounds
-Where duplicate samples were collected, the highest value was used
-Results from locations 68 and 85 have been omitted from the figure. Due to a high level of visible sediment in the samples at location 68 and 85, the samples were filtered in the laboratory using a 0.45 um filter prior to analysis.

Acronyms:

ng/L: nanograms per liter

Targeted Surface Type Samples by Source Area Type
HFPO-DA, PFMOAA, and Total Table 3+ Results
Chemours Fayetteville Works, North Carolina

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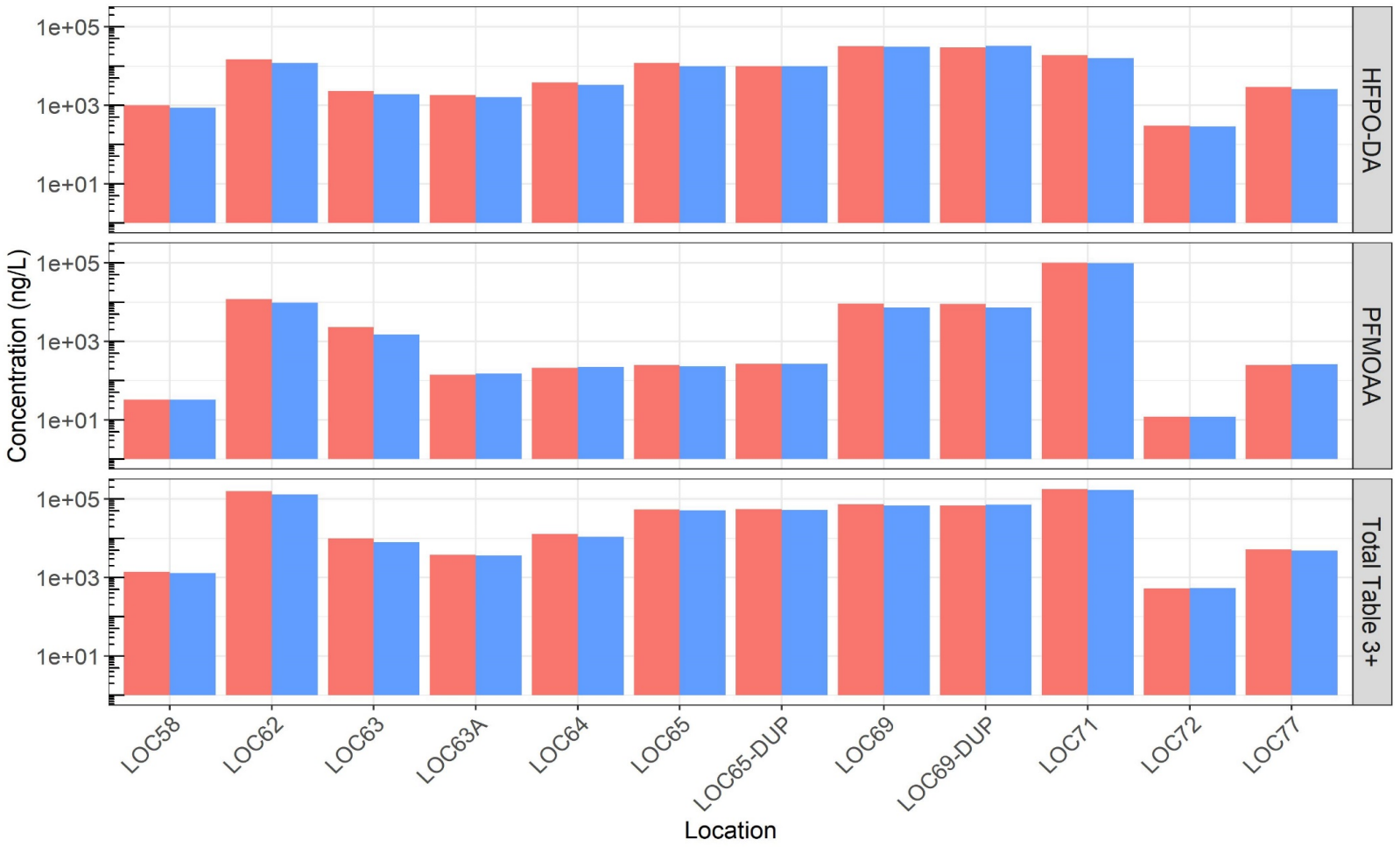
Figure

B9



Legend

Total
Dissolved

Notes:
-Stormwater samples were collected 3/5/2020
-Total Table 3+ is calculated as the sum of 17 compounds

Acronyms:
ng/L: nanograms per liter
DUP: duplicate sample

Dissolved vs. Total
HFPO-DA, PFMOAA, and Total Table 3+ Concentrations
Chemours Fayetteville Works, North Carolina

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Figure
B10

ATTACHMENT A: Field Forms

Title	Combined_Location_ID	sampling_date	sampling_time	samplers
	55	10-16-2019	09:48	CHARLES PACE
	52	10-16-2019	10:10	CHARLES PACE
	10	10-16-2019	10:30	CHARLES PACE
	40	10-16-2019	10:42	CHARLES PACE
	41	10-16-2019	10:45	CHARLES PACE
	2	10-16-2019	11:00	CHARLES PACE
	25	10-16-2019	11:05	CHARLES PACE
	3	10-16-2019	11:10	CHARLES PACE
	27	10-16-2019	11:25	CHARLES PACE
	28	10-16-2019	11:30	CHARLES PACE
	5	10-16-2019	11:50	CHARLES PACE
	30	10-16-2019	11:55	CHARLES PACE
	31	10-16-2019	12:10	CHARLES PACE
	32	10-16-2019	12:20	CHARLES PACE
	34	10-16-2019	12:45	CHARLES PACE
	33	10-16-2019	12:40	CHARLES PACE
	54	10-16-2019	12:55	CHARLES PACE
	36	10-16-2019	13:05	CHARLES PACE
	13	10-16-2019	13:20	CHARLES PACE
	37	10-16-2019	13:27	CHARLES PACE
	39	10-16-2019	13:50	BRANDON WEIDNER
	38	10-16-2019	13:35	BRANDON WEIDNER
	35	10-16-2019	13:20	BRANDON WEIDNER
	42	10-16-2019	10:26	BRANDON WEIDNER
	35	10-16-2019	10:55	BRANDON WEIDNER
	38	10-16-2019	11:13	BRANDON WEIDNER
	39	10-16-2019	11:23	BRANDON WEIDNER
	42	10-16-2019	11:50	BRANDON WEIDNER
	35	10-16-2019	12:10	BRANDON WEIDNER
	38	10-16-2019	12:25	BRANDON WEIDNER
	39	10-16-2019	12:35	BRANDON WEIDNER
	42	10-16-2019	12:45	BRANDON WEIDNER

additional	sky	precip	air_temp	wind	sampling_method	Sample_pH
	Cloudy	Rain	65	5	Grab	4.95
	Cloudy	Rain	68	5	Grab	5.36
	Cloudy	Rain	66	6	Grab	5.68
	Cloudy	Rain	66	6	Grab	5.86
	Cloudy	Rain	66	6	Grab	5.9
	Cloudy	Rain	66	6	Grab	6.09
	Cloudy	Rain	67	6	Grab	5.97
	Cloudy	Rain	67	6	Grab	6
	Cloudy	Rain	67	6	Grab	6.07
	Cloudy	Rain	67	6	Grab	6.07
	Cloudy	Rain	69	6	Grab	6.36
	Cloudy	Rain	69	6	Grab	5.85
	Cloudy	Rain	70	8	Grab	5.83
	Cloudy	Rain	70	8	Grab	6.26
	Cloudy	None	70	8	Grab	6.34
	Cloudy	None	70	8	Grab	6.25
	Cloudy	None	70	8	Grab	6.55
	Cloudy	None	70	8	Grab	6.57
	Cloudy	Rain	70	8	Grab	6.69
	Cloudy	None	72	9	Grab	6.43
Ed M.	Cloudy	None	71	5	Grab	6.78
	Cloudy	None	71	3	Grab	6.07
	Cloudy	None	72	2	Grab	6.71
Ed M.	Cloudy	Rain	66	3	Grab	5.4
Ed M.	Cloudy	None	67	6	Grab	5.81
Ed M.	Cloudy	Rain	68	3	Grab	5.91
Ed M.	Cloudy	Rain	68	3	Grab	6.28
Ed M.	Cloudy	None	69	5	Grab	6.55
	Cloudy	None	70	5	Grab	6.52
	Cloudy	None	70	3	Grab	6.46
Ed M.	Cloudy	None	70	4	Grab	6.71
	Cloudy	None			Grab	6.72

Sample_TDS	Sample_Tubidity	obs_spl_location	obs_misc
0.066	255		
0.023	608		
0.037	53.5	Taken further up from road because of vac truck	
0.057	11.3		
0.049	80		
0.027	100		
0.016	16.2		
0.011	136		
0.012	1000	Great deal of leaf litter in ditch	
0.014	105		
0.016	15.4		
0.024	151		
0.013	154	MS/REP/DUP	
0.019	1000	MS REP DUP	
0.032	890		
0.026	822		
0.023	1000		
0.036	12.1		
0.017	9.5		
0.05	1000		
0.047	0.8		TS3
0.026	0.2		TS3
0.025	86.4		TS3
0.048	16.3	Took from larger white plastic pipe (East side)	
0.024	66.4	Taken from opposing side of 35	
0.036	14.4		
0.061	1.8		
0.023	13.2		TS2
0.023	52.4		TS2
0.032	0		TS2
0.049	7.2		TS2
0.03	7		TS3

Item Type	Path
Item	sites/Field_Tablet_Monitoring_Data/Lists/Fayetteville_Stormwater_Sampling_Data
Item	sites/Field_Tablet_Monitoring_Data/Lists/Fayetteville_Stormwater_Sampling_Data
Item	sites/Field_Tablet_Monitoring_Data/Lists/Fayetteville_Stormwater_Sampling_Data
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Item	sites/Field_Tablet_Monitoring_Data/Lists/Fayetteville_Stormwater_Sampling_Data
Item	sites/Field_Tablet_Monitoring_Data/Lists/Fayetteville_Stormwater_Sampling_Data

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	42
Samplers:	LUKE TART|OTHER, Danielle Delgado	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2025	Sampling Time:	11:20

WEATHER CONDITIONS

Temperature (F):	52.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	4.00

Sampling Method:	Grab		Flow Rate:	1.8 liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.72	0.15	7.99

Photo at Sample Location

Observation of Sample Location

Flow from pipe

Miscellaneous Observations

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	43
Samplers:	LUKE TART|OTHER, Danielle Delgado	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	11:30

WEATHER CONDITIONS

Temperature (F):	52.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	4.00

Sampling Method:	Grab	Flow Rate:	2.1 liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.85	0.13	126.35

Photo at Sample Location

Observation of Sample Location

Flow from pipe

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	58
Samplers:	BRANDON WEIDNER|CHARLES PACE,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	12:45

WEATHER CONDITIONS

Temperature (F):	50.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	4.00

Sampling Method:	Grab	Flow Rate:	

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.71	0.00	1.83

Photo at Sample Location

Observation of Sample Location

250ml/6.56s
Sample from roof of building

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	59
Samplers:	BRANDON WEIDNER|CHARLES PACE,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	12:50

WEATHER CONDITIONS

Temperature (F):	50.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	4.00

Sampling Method:	Grab		Flow Rate:	

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.60	0.03	33.56

Photo at Sample Location

Observation of Sample Location

250ml/10.45s flow rate
Sample, most likely from pavement

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	60
Samplers:	BRANDON WEIDNER|CHARLES PACE,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	12:55

WEATHER CONDITIONS

Temperature (F):	50.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	4.00

Sampling Method:	Grab	Flow Rate:	

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.66	0.02	1.72

Photo at Sample Location

Observation of Sample Location

250ml/12s flow rate
Sample coming from roof of building

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	61
Samplers:	BRANDON WEIDNER|CHARLES PACE,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	11:15

WEATHER CONDITIONS

Temperature (F):	51.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	2.00

Sampling Method:	Grab	Flow Rate:	

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.83	0.11	139.87

Photo at Sample Location

Observation of Sample Location

Sample taken from beneath grate. Flow coming from gravel/sand/grass field to the NW
Couldn't get flow to multiple entry locations into grate.

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	62
Samplers:	LUKE TART|OTHER, Danielle Delgado	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	15:00

WEATHER CONDITIONS

Temperature (F):	50.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	4.00

Sampling Method:	Grab	Flow Rate:	0.3 liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
8.39	0.12	49.77

Photo at Sample Location

Observation of Sample Location

Miscellaneous Observations

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	63
Samplers:	BRANDON WEIDNER|CHARLES PACE,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	10:45

WEATHER CONDITIONS

Temperature (F):	52.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	6.00

Sampling Method:	Grab	Flow Rate:	

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.99	0.23	189.88

Photo at Sample Location

Observation of Sample Location

Collected sample from water flowing into drainage ditch. Water flowing from gravel area to the north. Could not get flow rate.
Sample from imperious surface

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	63A
Samplers:	BRANDON WEIDNER|CHARLES PACE,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	13:45

WEATHER CONDITIONS

Temperature (F):	49.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	8.00

Sampling Method:	Grab	Flow Rate:	

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.22	0.01	4.34

Photo at Sample Location

Observation of Sample Location

250ml/4.79s flow rate
Sample coming from gravel area west of pipe, sampled from pipe.

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	64
Samplers:	BRANDON WEIDNER|CHARLES PACE,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	13:20

WEATHER CONDITIONS

Temperature (F):	51.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	8.00

Sampling Method:	Grab		Flow Rate:	3	liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.28	0.02	38.70

Photo at Sample Location

Observation of Sample Location

Sample flowing from gravel area south of colvert

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	65
Samplers:	BRANDON WEIDNER|CHARLES PACE,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	13:30

WEATHER CONDITIONS

Temperature (F):	51.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	8.00

Sampling Method:	Grab		Flow Rate:	

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.52	0.04	338.00

Photo at Sample Location

Observation of Sample Location

Sample coming from gravel area south of colvert and also from pavement (road) west of location
Rate: can't get flow rate due to rocks

Miscellaneous Observations

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	66
Samplers:	BRANDON WEIDNER|CHARLES PACE,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	13:50

WEATHER CONDITIONS

Temperature (F):	49.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	7.00

Sampling Method:	Grab	Flow Rate:	

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.08	0.01	1.64

Photo at Sample Location

Observation of Sample Location

Sample from roof of building
250ml/1 min

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	67
Samplers:	BRANDON WEIDNER|CHARLES PACE,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	14:00

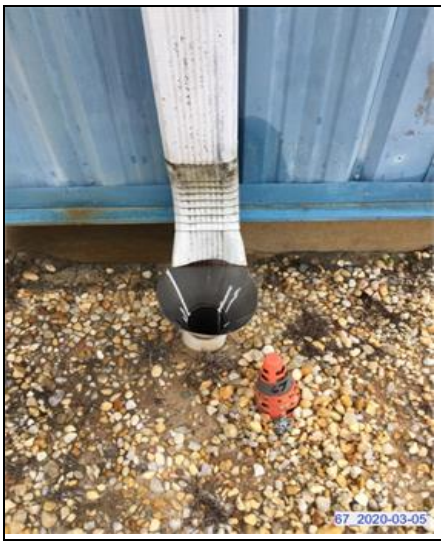
WEATHER CONDITIONS

Temperature (F):	49.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	7.00

Sampling Method:	Grab		Flow Rate:	

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.03	0.02	1.61

Photo at Sample Location



Observation of Sample Location

Sample from roof
Flow rate: 250ml/26.34s

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	68
Samplers:	BRANDON WEIDNER|CHARLES PACE,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	14:30

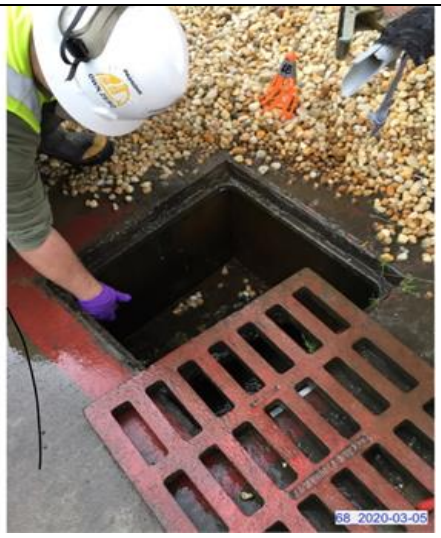
WEATHER CONDITIONS

Temperature (F):	49.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	7.00

Sampling Method:	Grab		Flow Rate:	

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
6.70	0.04	420.72

Photo at Sample Location



Observation of Sample Location

Sample coming from pavement to the NW of grate
Unable to get flow rate due to multiple entry's into grate

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	69
Samplers:	BRANDON WEIDNER|CHARLES PACE,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	14:40

WEATHER CONDITIONS

Temperature (F):	51.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	7.00

Sampling Method:	Grab		Flow Rate:	

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.69	0.02	23.73

Photo at Sample Location

Observation of Sample Location

No flow due to multiple entry ways
Sample from pavement coming from road and processing area

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	70
Samplers:	BRANDON WEIDNER|CHARLES PACE,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	14:50

WEATHER CONDITIONS

Temperature (F):	51.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	7.00

Sampling Method:	Grab		Flow Rate:	

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.55	0.05	32.54

Photo at Sample Location

Observation of Sample Location

No flow rate
Sample coming from runoff from gravel area

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	71
Samplers:	LUKE TART|OTHER, Danielle Delgado	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	13:20

WEATHER CONDITIONS

Temperature (F):	52.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	4.00

Sampling Method:	Grab	Flow Rate:	0.3 liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.85	0.13	163.16

Photo at Sample Location

Observation of Sample Location

Sample taken by dip rod. Flow coming from crack in the concrete, seeping from puddles around grate

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	72
Samplers:	LUKE TART|OTHER,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	11:10

WEATHER CONDITIONS

Temperature (F):	50.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	3.00

Sampling Method:	Grab	Flow Rate:	0.2 liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.79	0.10	2.57

Photo at Sample Location

Observation of Sample Location

Flow from roof

Miscellaneous Observations

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	73
Samplers:	LUKE TART|OTHER, Danielle Delgado	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	11:00

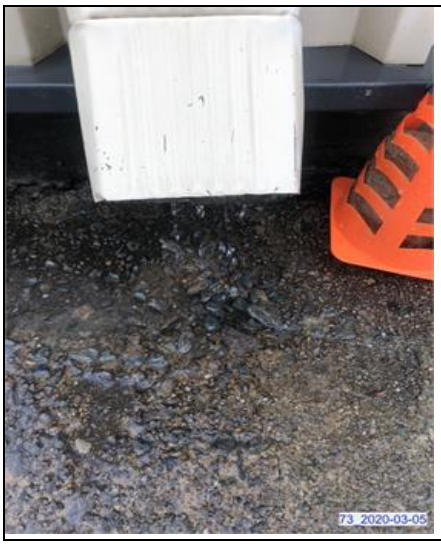
WEATHER CONDITIONS

Temperature (F):	51.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	3.00

Sampling Method:	Grab	Flow Rate:	0.3 liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.76	0.06	0.54

Photo at Sample Location



Observation of Sample Location

Flow from roof

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	75
Samplers:	LUKE TART|OTHER, Danielle Delgado	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	14:30

WEATHER CONDITIONS

Temperature (F):	50.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	6.00

Sampling Method:	Grab	Flow Rate:	0.2 liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.54	0.06	0.30

Photo at Sample Location

Observation of Sample Location

Water coming from room

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	76
Samplers:	LUKE TART|OTHER, Danielle Delgado	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	14:00

WEATHER CONDITIONS

Temperature (F):	50.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	6.00

Sampling Method:	Grab	Flow Rate:	0.2 liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.69	0.16	4.51

Photo at Sample Location

Observation of Sample Location

Flow from roof top

Miscellaneous Observations

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	77
Samplers:	LUKE TART|OTHER, Danielle Delgado	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	12:50

WEATHER CONDITIONS

Temperature (F):	53.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	6.00

Sampling Method:	Grab	Flow Rate:	0.5 liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.52	0.04	29.75

Photo at Sample Location

Observation of Sample Location

Flow coming from road run off into drain

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	78
Samplers:	LUKE TART|OTHER, Danielle Delgado	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	12:40

WEATHER CONDITIONS

Temperature (F):	52.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	5.00

Sampling Method:	Grab	Flow Rate:	0.1 liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.25	0.05	1.29

Photo at Sample Location

Observation of Sample Location

Flow estimated by volume in tray after 30 seconds, sample taken from downspout from steel tray attached below overhead pipes. Sample taken from HDPE tray seen in photo.

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	79
Samplers:	BRANDON WEIDNER|CHARLES PACE,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	11:40

WEATHER CONDITIONS

Temperature (F):	51.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	5.00

Sampling Method:	Grab	Flow Rate:	

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.68	0.05	28.28

Photo at Sample Location

Observation of Sample Location

Sample coming from location 79. Under from trailer and into grate. Unclear if coming from pipe or from pool after the pipe.
Couldn't get flow due to multiple entry points

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	80
Samplers:	BRANDON WEIDNER|CHARLES PACE,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	11:45

WEATHER CONDITIONS

Temperature (F):	50.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	5.00

Sampling Method:	Grab		Flow Rate:	

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
8.04	0.07	99.64

Photo at Sample Location

Observation of Sample Location

Sample coming from imperious surface. Loading/unloading area at IXM.
Couldn't get flow due to multiple entrys into grate

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	83
Samplers:	KEN STUART,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	14:15

WEATHER CONDITIONS

Temperature (F):	49.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	8.00

Sampling Method:	Grab	Flow Rate:	1.1 liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.27	0.07	15.24

Photo at Sample Location

Observation of Sample Location

drain from ppa lab gutter, closest to ppa

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	84
Samplers:	KEN STUART,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	12:20

WEATHER CONDITIONS

Temperature (F):	50.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	8.00

Sampling Method:	Grab		Flow Rate:	1.7	liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.13	0.05	15.97

Photo at Sample Location

Observation of Sample Location

sentry glass sheet flow sampled with dip rod at pipe in ditch, located adjacent to ppa

Miscellaneous Observations

PARSONS

PARSONS

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	85
Samplers:	KEN STUART,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	15:30

WEATHER CONDITIONS

Temperature (F):	49.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	7.00

Sampling Method:	Grab	Flow Rate:	0.2 liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
6.53	0.01	27.82

Photo at Sample Location

Observation of Sample Location

location flows into wood lined ditch, very lt rain

Miscellaneous Observations

PARSONS

flow through the gravel

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	86
Samplers:	KEN STUART,	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	13:43

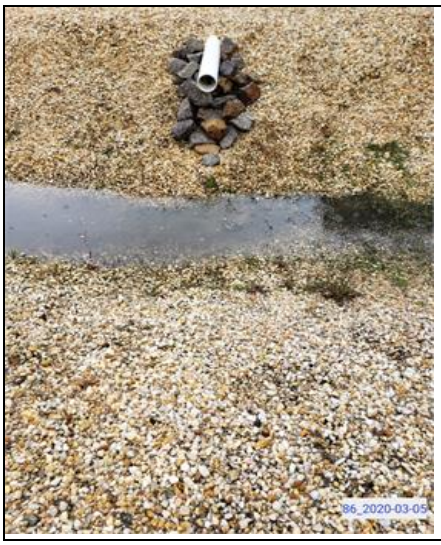
WEATHER CONDITIONS

Temperature (F):	50.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	7.00

Sampling Method:	Grab	Flow Rate:	0.1 liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
6.87	0.10	5.82

Photo at Sample Location



Observation of Sample Location

pipe coming from trailer roof at ppa. The pipe is the one closest to ppa not the entrance

Miscellaneous Observations

PARSONS

flow was 0.061 liter per minute

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	87
Samplers:	KEN STUART, Ryan Gableman	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	11:40

WEATHER CONDITIONS

Temperature (F):	52.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	7.00

Sampling Method:	Grab	Flow Rate:	13.2 liters per minute

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
7.59	0.07	4.13

Photo at Sample Location

Observation of Sample Location

Roof drain pipe drain from Sentry glass facing PPA

Miscellaneous Observations

coordinates later

STORMWATER SAMPLING RECORD

Site Name:	Chemours Fayetteville	Location ID:	88
Samplers:	KEN STUART, Ryan Gableman	Project Manager:	Tracy Ovbey
Sampling Date:	03-05-2020	Sampling Time:	15:06

WEATHER CONDITIONS

Temperature (F):	49.00
Sky:	Cloudy
Precipitation:	Rain
Wind (mph)	8.00

Sampling Method:	Grab	Flow Rate:	

pH	Total Dissolved Solids	Turbidity
	mg/L	NTU
6.87	0.00	4.11

Photo at Sample Location

Observation of Sample Location

second to last drainage pipe from roof at sentry glass, behind towards main gate

Miscellaneous Observations

PARSONS

could not measure flow, likely about 5 liters per minute

ATTACHMENT B: Table 3+ Analytical Results

TABLE B1
ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	LOC10	LOC13	LOC2	LOC25	LOC27	LOC28	LOC3	LOC30	LOC31	LOC31	LOC32
Field Sample ID	ASTW-LOC10-101619	ASTW-LOC13-101619	ASTW-LOC2-101619	ASTW-LOC25-101619	ASTW-LOC27-101619	ASTW-LOC28-101619	ASTW-LOC3-101619	ASTW-LOC30-101619	ASTW-LOC31-101619	ASTW-LOC31-101619-D	ASTW-LOC32-101619
Sample Date	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019
QA/QC										DUP	
Sample Matrix	LIQUID	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Sample Delivery Group (SDG)	320-55408-1	320-55403-1	320-55413-1	320-55413-1	320-55413-1	320-55413-1	320-55413-1	320-55413-1	320-55401-1	320-55401-1	320-55401-1
Lab Sample ID	320-55408-2	320-55403-5	320-55413-2	320-55413-3	320-55413-4	320-55413-5	320-55413-1	320-55413-6	320-55401-2	320-55401-3	320-55401-4
Total Table 3+ SOP (ng/L)											
Hfpo Dimer Acid	**98,000**	**760**	**1,500**	**820**	**1,100**	**480**	**2,300**	**4,900**	**340**	**330**	**2,900 J**
PFMOAA	**22,000**	**150 J**	**56 J**	**16**	**150**	**37**	**250 J**	**2,400**	**48 J**	**51**	**550**
PFO2HxA	**25,000**	**350**	**230**	**54**	**230**	**99**	**170**	**2,000**	**70**	**68**	**690**
PFO3OA	**14,000**	**160**	**43**	**16**	**170 J**	**27**	**97**	**2,600**	**16**	**16**	**610**
PFO4DA	**12,000**	**150**	**35**	**9.5**	**260**	**35**	**120**	**2,600**	**15**	**14**	**800**
PFO5DA	**9,700**	**96 J**	**18 J**	**5.9**	**280 J**	**33**	**48**	**1,500**	**15**	**15**	**630**
PMPA	**7,000**	**1,100**	**450**	**320**	**650**	**500 J**	**290**	**2,900**	**550**	**530**	**840**
PEPA	**3,400**	**440**	**160**	**57**	**400**	**210**	**110**	**1,300**	**260**	**260**	**390**
PS Acid	**2,900**	**68**	**3.7**	<2	**53**	**4.6**	**11**	**180**	**4.1**	**4.4**	**9,600**
Hydro-PS Acid	**9,300**	**52**	**18**	**4.4**	**47**	**11**	**22**	**450 J**	**14**	**14**	**40,000**
R-PSDA	**5,200**	**270 J**	**120 J**	**41 J**	**500 J**	**69 J**	**170 J**	**1,100**	**53 J**	**56 J**	**490**
Hydrolyzed PSDA	**4,300 J**	**350 J**	**22 J**	**9.2 J**	**170 J**	**29 J**	**110 J**	**1,900**	**15 J**	**16 J**	**3,300**
R-PSDCA	**380**	<2	<2	<2	**4.6**	<2	<2	**15**	<2	<2	**76**
NVHOS	**4,500**	**25**	**7.3**	**3.6**	**18**	**7.2**	**15**	**190**	**5.1**	**5**	**220**
EVE Acid	**5,700**	**55**	**14**	**8.2**	**32**	**7.9**	**19**	**150**	**8.4**	**8.5**	**63**
Hydro-EVE Acid	**3,900**	**63**	**17**	**9.5**	**68**	**9.2**	**39**	**490**	**13**	**13**	**110**
R-EVE	**2,700**	**200 J**	**96 J**	**43 J**	**150 J**	**56 J**	**110 J**	**1,000**	**95 J**	**98 J**	**84**
PES	<23	<2	<2	<2	<2	<2	<2	<2	<2	<2	<23
PFECA B	<30	<2	<2	<2	<2	<2	<2	<2	<2	<2	<30
PFECA-G	<20	<2	<2 UJ	<2 UJ	<2 UJ	<2	<2 UJ	<2	<2	<2	<20
Total Table 3+ (17 compounds)	**220,000**	**3,500**	**2,600**	**1,300**	**3,500**	**1,500**	**3,500**	**22,000**	**1,400**	**1,300**	**57,000**
Total Table 3+ (20 compounds)	**230,000**	**4,300**	**2,800**	**1,400**	**4,300**	**1,600**	**3,900**	**26,000**	**1,500**	**1,500**	**61,000**
Other PFAS (ng/L)											
10:2 Fluorotelomer sulfonate	<18	<2	<2	<2	**5.6**	<2	<3.5	<8.8	<2	<2	<3.6
11Cl-PF3OUdS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<6.1
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<190	<20	<20	<20	<20	<20	<36	<93	<20	<20	<38
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<49	<48	<24	<24	<24	<95	<240	<24	<25	<100
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	--	--	--	--	--	--	--	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	--	--	--	--	--	--	--	<4	<4	<4
6:2 Fluorotelomer sulfonate	<190	<20	<20	<20	<20	<20	<36	<93	<20	<20	<38
9Cl-PF3ONS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4.6
ADONA	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<3.6
NaDONA	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<3.6
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<36
N-ethylperfluoro-1-octanesulfonamide	<2	--	--	--	--	--	--	--	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	--	--	--	--	--	--	--	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<59
Perfluorobutane Sulfonic Acid	**2.2**	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluorobutanoic Acid	**980**	**65**	**17**	**7.1**	**41**	**19**	**9**	**72**	**10**	**10**	**48**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<6.1
Perfluorodecanoic Acid	**7.4**	<2	<2	<2	**6.8**	**3.1**	<2	<2	<2	<2	**3.6 J**
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<8.6
Perfluorododecanoic Acid	**3.3**	<2	<2	<2	**6.1**	<2	<2	<2	<2	<2	**2.2**
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<3.6
Perfluoroheptanoic Acid	**130**	**4.2**	**5.2**	<2	**12**	**2.8**	**8.5**	**23**	**3.8**	**4.1**	**110 J**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2	**2.3**	<2	<2	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2	<2	<2	<2	**12**	<2	<2	<2	<2	<2	<2
Perfluorohexanoic Acid	**290**	**6.6**	**5.6**	**2.2**	**16**	**5.4**	**6.6**	**12**	**4**	**3.9**	**32**
Perfluorononanesulfonic acid	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<3.1
Perfluorononanoic Acid	**33**	**3**	<2	<2	**4**	<2	<2	**5.9**	<2	<2	**21**
Perfluorooctadecanoic acid	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluoropentanoic Acid	**1,000**	**12**	**7.3**	**3.3**	**24**	**7.9**	**7.4**	**39**	**4.7**	**5.1**	**250**
Perfluorotetradecanoic Acid	**2.3**	<2	<2	<2	**8.5**	<2	<2	<2	<2	<2	<2
Perfluorotridecanoic Acid	**4.1**	<2	<2	<2	**7.5**	<2	<2	<2	<2	<2	**2.5**
Perfluoroundecanoic Acid	**11**	**3**	<2	<2	**3.7**	**2.4**	<2	<2	<2	<2	<21
PFOA	**97**	**8.4**	**31**	**15**	**59**	**11**	**81**	**130**	**35**	**36**	**5,700 J**
PFOS	**3.9**	**2.2**	<2	<2	**62**	**2.7**	**3.8**	<2	<2	<2	<11

TABLE B1
ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	LOC32	LOC33	LOC34	LOC35	LOC35	LOC35	LOC36	LOC37	LOC38	LOC38	LOC38
Field Sample ID	ASTW-LOC32-101619-D	ASTW-LOC33-101619	ASTW-LOC34-101619	ASTW-LOC35-1-101619	ASTW-LOC35-2-101619	ASTW-LOC35-3-101619	ASTW-LOC36-101619	ASTW-LOC37-101619	ASTW-LOC38-1-101619	ASTW-LOC38-2-101619	ASTW-LOC38-3-101619
Sample Date	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019
QA/QC	DUP										
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	LIQUID	Liquid	Liquid	Liquid	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-55401-1	320-55403-1	320-55403-1	320-55416-1	320-55416-1	320-55411-1	320-55403-1	320-55403-1	320-55416-1	320-55411-1	320-55411-1
Lab Sample ID	320-55401-5	320-55403-1	320-55403-2	320-55416-2	320-55416-6	320-55411-4	320-55403-3	320-55403-4	320-55416-3	320-55411-1	320-55411-5
Total Table 3+ SOP (ng/L)											
Hfpo Dimer Acid	**2,300 J**	**3,800**	**1,900**	**1,300**	**1,400**	**1,600**	**2,100**	**14,000**	**1,700**	**2,200**	**1,800**
PFMOAA	**600**	**280**	**500 J**	**380 J**	**330**	**610 J**	**190 J**	**3,100**	**290**	**640**	**510**
PFO2HxA	**700**	**530**	**590 J**	**250**	**230**	**320 J**	**320**	**3,100**	**500**	**710**	**610**
PFO3OA	**620**	**200**	**230 J**	**120**	**91**	**130 J**	**72**	**6,100**	**330**	**480**	**400**
PFO4DA	**860**	**260**	**420**	**150**	**99**	**140 J**	**140**	**11,000**	**420**	**560**	**510**
PFO5DA	**800**	**410 J**	**1,300**	**200 J**	**120**	**170 J**	**150 J**	**5,200**	**320**	**560**	**470**
PMPA	**870**	**1,400**	**1,700**	**970**	**860**	**910 J**	**1,200**	**8,500**	**1,900**	**1,900**	**1,700**
PEPA	**380**	**560**	**700 J**	**500 J**	**420**	**500 J**	**610 J**	**4,000**	**870**	**830**	**770**
PS Acid	**11,000**	**110**	**160 J**	**91**	**110**	**160 J**	**6.9**	**1,400**	**68**	**860**	**780**
Hydro-PS Acid	**42,000**	**360**	**890**	**280 J**	**230**	**450 J**	**170**	**1,900**	**130**	**210**	**170**
R-PSDA	**500**	**790 J**	**1,300**	**650 J**	**690 J**	**170 J**	**330 J**	**490**	**410 J**	**280 J**	**210 J**
Hydrolyzed PSDA	**3,600**	**280 J**	**1,200**	**1,200**	**1,600**	**930 J**	**33 J**	**1,700**	**750 J**	**1,100**	**850**
R-PSDCA	**76**	**18**	**21**	**5.2**	**5**	**9.1 J**	**2.6**	**44**	**4.1**	**6.6**	**5.3**
NVHOS	**230**	**67**	**130**	**85**	**97**	**160 J**	**26**	**200**	**32**	**40**	**33**
EVE Acid	**61**	**69**	**140**	**38**	**33**	**47 J**	**14**	**260**	**57**	**160**	**130**
Hydro-EVE Acid	**110**	**110**	**160**	**52**	**40**	**53 J**	**46**	**5,700**	**93**	**110**	**85**
R-EVE	**80**	**340 J**	**540**	**230 J**	**180 J**	**56 J**	**210 J**	**620**	**310 J**	**140**	**110**
PES	<23	<2	<2	<2	<2	<4.6 UJ	<2	<4.6	<2	<2.3	<2.3
PFECA B	<30	<2	<2	<2	<2	<6 UJ	**2.3**	<6	<2	<3	<3
PFECA-G	<20	<2	<2 UJ	<2 UJ	<2	<4.1 UJ	<2	<4.1	<2	<2	<2
Total Table 3+ (17 compounds)	**61,000**	**8,200**	**8,800**	**4,400**	**4,100**	**5,300**	**5,000**	**65,000**	**6,700**	**9,300**	**8,000**
Total Table 3+ (20 compounds)	**65,000**	**9,600**	**12,000**	**6,500**	**6,500**	**6,400**	**5,600**	**67,000**	**8,200**	**11,000**	**9,100**
Other PFAS (ng/L)											
10:2 Fluorotelomer sulfonate	<3.7	<3.5	<3.6	<2	<2	<2	<2	<2	<2	<3.4	<2
11Cl-PF3OUdS	<6.2	<5.9	<2	<2	<2	<2	<2	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<39	<37	<38	<20	<20	<20	<20	<20	<20	<36	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<100	<96	<98	<49	<50	<48	<49	<500	<48	<94	<48
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	--	--	--	--	<2	--	--	--	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	--	--	--	--	<4	--	--	--	<4	<4
6:2 Fluorotelomer sulfonate	<39	<20	<38	<20	<20	<20	<20	<20	<20	<36	<20
9Cl-PF3ONS	<4.7	<4.5	<2	<2	<2	<2	<2	<2	<2	<2	<2
ADONA	<3.7	<3.5	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
NaDONA	<3.7	<3.5	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<37	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	--	--	--	--	<2	--	--	--	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	--	--	--	--	<2	--	--	--	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<58	<20	<20	<20	<20	<20	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<3.7	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluorobutanoic Acid	**47**	**71**	**120**	**43**	**37**	**56**	**40**	**200**	**120**	**120**	**110**
Perfluorodecane Sulfonic Acid	<6.2	<5.9	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluorodecanoic Acid	<6	**7.8**	**7.8**	**2.8**	**2.3**	**3.9**	<2	**3.3**	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<8.7	<8.3	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<10	**2.7**	<2	<2	<2	<2	<2	**2.7**	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<3.7	<3.5	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	**88 J**	**120**	**21**	**5.6**	**5.4**	**6.6**	**4.1**	**63**	**6.2**	**7.1**	**6.4**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2	<3.2	**2.7**	<2	<2	<2	<2	**2.7**	<2	<2	<2
Perfluorohexanoic Acid	**22**	**40**	**15**	**9.8**	**9.6**	**14**	**4.5**	**29**	**9.4**	**8.9**	**8.7**
Perfluorononanesulfonic acid	<3.1	<3	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluorononanoic Acid	**19**	**10**	**12**	**3.5**	**2.6**	**3.7**	**2.9**	**20**	**3.1**	**3.5**	**3.4**
Perfluorooctadecanoic acid	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<5.6	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluoropentanoic Acid	**230**	**73**	**85**	**18**	**15**	**21**	**21**	**75**	**19**	**21**	**19**
Perfluorotetradecanoic Acid	<2	<2	<2	<2	<2	<2	<2	<2	**3.1**	<2	<2
Perfluorotridecanoic Acid	**2**	<24	**2.7**	<2	<2	<2	<2	<2	**2.4**	<2	<2
Perfluoroundecanoic Acid	<21	<20	**11**	**3.9**	**2.6**	**4**	**3.2**	**3.1**	**2.7**	<2	<2
PFOA	**4,100 J**	**7,300**	**940**	**36**	**110**	**63**	**8**	**19**	**9.7**	**9.9**	**10**
PFOS	**17**	**13**	**30**	**3.1**	**2.7**	**2.9**	<2	**3.9**	**3.5**	**2.5**	**2.4**

TABLE B1
ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	LOC39	LOC39	LOC39	LOC40	LOC41	LOC42	LOC42	LOC42	LOC5	LOC52	LOC54
Field Sample ID	ASTW-LOC39-1-101619	ASTW-LOC39-2-101619	ASTW-LOC39-3-101619	ASTW-LOC40-101619	ASTW-LOC41-101619	ASTW-LOC42-1-101619	ASTW-LOC42-2-101619	ASTW-LOC42-3-101619	ASTW-LOC5-101619	ASTW-LOC52-101619	ASTW-LOC54-101619
Sample Date	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019
QA/QC											
Sample Matrix	Liquid	LIQUID	LIQUID	Liquid	LIQUID	Liquid	Liquid	LIQUID	Liquid	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-55416-1	320-55411-1	320-55411-1	320-55403-1	320-55408-1	320-55416-1	320-55416-1	320-55411-1	320-55401-1	320-55408-1	320-55408-1
Lab Sample ID	320-55416-4	320-55411-2	320-55411-6	320-55403-6	320-55408-1	320-55416-1	320-55416-5	320-55411-3	320-55401-1	320-55408-3	320-55408-4
Total Table 3+ SOP (ng/L)											
Hfpo Dimer Acid	**420**	**390**	**370**	**5,900**	**5,800**	**45,000**	**33,000**	**35,000**	**180**	**23,000**	**80,000**
PFMOAA	**57 J**	**54**	**48**	**350 J**	**410**	**220,000**	**130,000**	**190,000**	<5	**3,100**	**650**
PFO2HxA	**150**	**130**	**130**	**310 J**	**280**	**68,000**	**41,000**	**53,000**	**39**	**6,600**	**2,300**
PFO3OA	**52**	**41**	**43**	**180**	**180**	**48,000**	**30,000**	**40,000**	**7**	**2,200**	**1,500**
PFO4DA	**37**	**28**	**29**	**240 J**	**230**	**46,000**	**30,000**	**37,000**	**7.2**	**1,200**	**1,900**
PFO5DA	**14**	**20**	**19**	**110 J**	**130**	**26,000**	**16,000**	**22,000**	**13**	**1,200**	**3,200**
PMPA	**490**	**510**	**500**	**2,800**	**2,500**	**6,900**	**4,400**	**5,100**	**230**	**4,300**	**2,200**
PEPA	**190**	**180**	**190**	**1,100**	**1,000**	**8,500**	**7,600**	**8,100**	**79**	**1,800**	**950**
PS Acid	**2.8**	**3.4**	**3.3**	**58**	**54**	**2,700**	**1,300**	**1,900**	**2.4**	**29,000**	**320 J**
Hydro-PS Acid	**22**	**22**	**23**	**89**	**80**	**5,300**	**3,600**	**4,300**	**7.6**	**3,900**	**1,500**
R-PSDA	**120 J**	**75 J**	**83 J**	**160 J**	**55**	**1,500**	**1,500**	**2,400**	**19 J**	**5,300**	**3,100**
Hydrolyzed PSDA	**29 J**	**22 J**	**20 J**	**300 J**	**110 J**	**7,600**	**4,700**	**7,000**	**10 J**	**43,000 J**	**950 J**
R-PSDCA	<2	<2	<2	**2.1**	<3.1	**170**	**160**	**220**	<2	**71**	**110**
NVHOS	**7.9**	**7.4**	**7.8**	**39 J**	**43**	**2,600**	**1,900**	**2,400**	**3.1**	**1,800**	**360**
EVE Acid	**13**	**14**	**12**	**44**	**55**	**14,000**	**15,000**	**16,000**	**11**	**5,600**	**520**
Hydro-EVE Acid	**23**	**22**	**21**	**120 J**	**130**	**33,000**	**30,000**	**33,000**	**8.5**	**1,200**	**320**
R-EVE	**69 J**	**44 J**	**41 J**	**210 J**	**80 J**	**2,800**	**2,300**	**2,500**	**31 J**	**2,100**	**1,200**
PES	<2	<2	<2	<2	<9.2	<92	<46	<46	<2	<46	**26**
PFECA B	<2	<2	<2	<2	<12	<120	<60	<60	<2	<60	<12
PFECA-G	<2	<2	<2	<2	<8.2	<82	<41	<41	<2	<41	<8.2
Total Table 3+ (17 compounds)	**1,500**	**1,400**	**1,400**	**11,000**	**11,000**	**530,000**	**340,000**	**450,000**	**590**	**85,000**	**96,000**
Total Table 3+ (20 compounds)	**1,700**	**1,600**	**1,500**	**12,000**	**11,000**	**540,000**	**350,000**	**460,000**	**650**	**140,000**	**100,000**
Other PFAS (ng/L)											
10:2 Fluorotelomer sulfonate	<2	<2	<2	<9.1	<8.6	<18	<19	<17	<2	<18	<2
11Cl-PF3OUdS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<96	<91	<190	<200	<180	<20	<190	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<25	<23	<20	<250	<240	<20	<20	<20	<20	<490	<2,600
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	<2	<2	--	<2	--	--	<2	<2	<2	<4.3
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	<4	<4	--	<4	--	--	<4	<4	<4	<7
6:2 Fluorotelomer sulfonate	<20	<20	<20	<96	<91	<190	<200	<180	<20	<20	<20
9Cl-PF3ONS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
NaDONA	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	--	<2	<2	--	<2	--	--	<2	<2	<2	<4.4
N-methyl perfluoro-1-octanesulfonamide	--	<2	<2	--	<2	--	--	<2	<2	<2	<2.2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2	**4.3**	**3.4**	<2	<2	<2	**2.4**	<2	<2
Perfluorobutanoic Acid	**41**	**40**	**41**	**48**	**47**	**340**	**210**	**300**	**5.3**	**84**	**930**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluorodecanoic Acid	**2.6**	**2.3**	**2.1**	<2	<2	**9.1**	**6.2**	**7.8**	<2	**7.9**	**33**
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2.3
Perfluorododecanoic Acid	<2	**2.4**	<2	<2	**2.7**	**6.9**	**5.3**	**8.9**	<2	**29**	**17**
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluoroheptanoic Acid	**25**	**17**	**17**	**22**	**19**	**270**	**150**	**240**	<2	**13**	**220**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2	<2	**3.4**	**3.3**	**2.8**	<2	**4.7**	<4.5
Perfluorohexane Sulfonic Acid	**2.2**	<2	**2**	**5.6**	**4.5**	<2	<2	<2	<2	<2	**5.4**
Perfluorohexanoic Acid	**29**	**20**	**21**	**31**	**28**	**61**	**38**	**53**	**2**	**14**	**190**
Perfluorononanesulfonic acid	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluorononanoic Acid	**4.2**	**4.3**	**3.7**	**2.7**	**2.4**	**160**	**110**	**140**	<2	**9.4**	**120**
Perfluorooctadecanoic acid	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2.3
Perfluorooctane Sulfonamide	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Perfluoropentanoic Acid	**29**	**20**	**20**	**38**	**34**	**430**	**280**	**370**	**2.5**	**52**	**1,500**
Perfluorotetradecanoic Acid	<2	<2	<2	<2	**3.1**	**5.6**	**4.5**	**6.2**	<2	**25**	**14**
Perfluorotridecanoic Acid	<2	<2	<2	<2	**3.5**	**9.6**	**9.8**	**22**	<2	**14**	**39**
Perfluoroundecanoic Acid	<2	**2.1**	<2	<2	<2	**26**	**23**	**49**	<2	**9.9**	**35**
PFOA	**18**	**14**	**14**	**15**	**15**	**36**	**26**	**32**	**9.2**	**31**	**9,000**
PFOS	**13**	**11**	**11**	**10**	**11**	<2	<2	<2	**7.6**	**2.8**	**29**

TABLE B1
ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	LOC55	EQBLK	FBLK	TB
Field Sample ID	ASTW-LOC55-101619	ASTW-EB-101619	ASTW-FB-101619	ASTW-TB-101619
Sample Date	10/16/2019	10/16/2019	10/16/2019	10/16/2019
QA/QC		Equipment Blank	Field Blank	Trip Blank
Sample Matrix	LIQUID	LIQUID	LIQUID	LIQUID
Sample Delivery Group (SDG)	320-55408-1	320-55408-1	320-55408-1	320-55408-1
Lab Sample ID	320-55408-5	320-55408-6	320-55408-8	320-55408-7
Total Table 3+ SOP (ng/L)				
Hfpo Dimer Acid	**820**	**4.4**	<4	<4
PFMOAA	**190 J**	<5	<5	<5
PFO2HxA	**130**	<2	<2	<2
PFO3OA	**43**	<2	<2	<2
PFO4DA	**57 J**	<2	<2	<2
PFO5DA	**51**	<2	<2	<2
PMPA	**310**	<10	<10	<10
PEPA	**99**	<20	<20	<20
PS Acid	**5.6**	<2	<2	<2
Hydro-PS Acid	**30**	<2	<2	<2
R-PSDA	**140 J**	<2	<2	<2
Hydrolyzed PSDA	**40 J**	<2	<2	<2
R-PSDCA	<2	<2	<2	<2
NVHOS	**11 J**	<2	<2	<2
EVE Acid	**6**	<2	<2	<2
Hydro-EVE Acid	**15**	<2	<2	<2
R-EVE	**110 J**	<2	<2	<2
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ (17 compounds)	**1,800**	**4.4**	ND	ND
Total Table 3+ (20 compounds)	**2,100**	**4.4**	ND	ND
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
11Cl-PF3OUdS	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<48	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
9Cl-PF3ONS	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2	<2
Perfluorobutanoic Acid	**13**	<2	<2	<2
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	<2	<2	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2	<2	<2	<2
Perfluorohexanoic Acid	<2	<2	<2	<2
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**6.5**	<2	<2	<2
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	**2.3**	<2	<2	<2
PFOA	**16**	<2	<2	<2
PFOS	**3.3**	<2	<2	<2

Notes:
Bold - Analyte detected above associated reporting limit
Abbreviations:
B - analyte detected in an associated blank
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.
< - Analyte not detected above associated reporting limit.

TABLE B2
ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	LOC42	LOC43	LOC58	LOC58	LOC59	LOC60	LOC61
Field Sample ID	ASTW-LOC-42-030520	ASTW-LOC-43-030520	ASTW-LOC-58-030520	ASTW-LOC-58-030520-Z	ASTW-LOC-59-030520	ASTW-LOC-60-030520	ASTW-LOC-61-030520
Sample Date	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020
QA/QC							
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Filtered/Unfiltered	Unfiltered	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
Sample Delivery Group (SDG)	2091273	2091273	2091278/2095248//2095247	2091270	2091273	2091273	2091273
Lab Sample ID	1275304/1275304	1275308	1275413/1290740/	1275250	1275312	1275316	1275320
Total Table 3+ SOP (ng/L)							
Hfpo Dimer Acid	**3,500**	**5,100**	**1,000 J**	**870**	**14,000**	**1,100**	**1,300**
PFMOAA	**110,000**	**77,000**	**33 J**	**33**	**7,600**	**9.1**	**480**
PFO2HxA	**4,500**	**4,200**	**130 J**	**130**	**1,900**	**98**	**580**
PFO3OA	**3,200**	**2,900**	**34 J**	**32**	**740**	**21**	**91**
PFO4DA	**3,100**	**3,200**	**14 J**	**12**	**820**	**4.8**	**120**
PFO5DA	**1,900**	**2,100**	**8.3 J**	**6.1**	**1,600**	**2.1**	**280**
PMPA	**620**	**650**	**50 J**	**59**	**2,200**	**370**	**1,200**
PEPA	**230**	**240**	**45 J**	**52**	**940**	**390**	**570**
PS Acid	**2,100**	**910**	**17 J**	**20**	**640**	**18**	**33**
Hydro-PS Acid	**500**	**380**	**4.3 J**	**3.5**	**640**	**2.8**	**180**
R-PSDA	**410**	**670**	**790 J**	**850**	**3,100**	**190**	**190**
Hydrolyzed PSDA	**1,200**	**1,300**	**4.6 B**	**4.5**	**950**	**2.8**	**23**
R-PSDCA	<20	<20	<2 UJ	<2	**42**	<2	<20
NVHOS	**3,500**	**2,600**	**2.5 J**	<2	**410**	**3.5**	**24**
EVE Acid	**150**	**120**	**31 J**	**42**	**810**	**42**	<20
Hydro-EVE Acid	**280**	**200**	**6.2 J**	**7.5**	**260**	**3.3**	**67**
R-EVE	**260**	**130**	**15 J**	**15**	**540**	**15**	**54**
PES	<20	<20	<2 UJ	<2	<20	<2	<20
PFECA B	<20	<20	<2 UJ	<2	<20	<2	<20
PFECA-G	<20	<20	<2 UJ	<2	<20	<2	<20
Total Table 3+ (17 compounds)	**130,000**	**100,000**	**1,400**	**1,300**	**33,000**	**2,100**	**4,900**
Total Table 3+ (20 compounds)	**140,000**	**100,000**	**2,200**	**2,100**	**37,000**	**2,300**	**5,200**
Total Table 3+ SOP Solid Residue (ng/filter)							
Hfpo Dimer Acid	--	--	**0.62 J**	--	--	--	--
PFMOAA	--	--	**0.037 J**	--	--	--	--
PFO2HxA	--	--	**0.12 J**	--	--	--	--
PFO3OA	--	--	**0.029 J**	--	--	--	--
PFO4DA	--	--	**0.015 J**	--	--	--	--
PFO5DA	--	--	**0.034 J**	--	--	--	--
PMPA	--	--	**0.065 J**	--	--	--	--
PEPA	--	--	**0.066 J**	--	--	--	--
PS Acid	--	--	**0.06 J**	--	--	--	--
Hydro-PS Acid	--	--	**0.093 J**	--	--	--	--
R-PSDA	--	--	**1.2 J**	--	--	--	--
Hydrolyzed PSDA	--	--	**0.0097 J**	--	--	--	--
R-PSDCA	--	--	<0.004 UJ	--	--	--	--
NVHOS	--	--	<0.004 UJ	--	--	--	--
EVE Acid	--	--	**0.062 J**	--	--	--	--
Hydro-EVE Acid	--	--	**0.035 J**	--	--	--	--
R-EVE	--	--	**0.02 J**	--	--	--	--
PES	--	--	<0.004 UJ	--	--	--	--
PFECA B	--	--	<0.004 UJ	--	--	--	--
PFECA-G	--	--	<0.004 UJ	--	--	--	--
Total Table 3+ (17 compounds)	--	--	**1.2**	--	--	--	--
Total Table 3+ (20 compounds)	--	--	**2.5**	--	--	--	--
Other (mg/L)							
Total Suspended Solids	--	--	<1	--	--	--	--

TABLE B2
ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	LOC62	LOC62	LOC63	LOC63	LOC63A	LOC63A	LOC64
Field Sample ID	ASTW-LOC-62-030520	ASTW-LOC-62-030520-Z	ASTW-LOC-63-030520	ASTW-LOC-63-030520-Z	ASTW-LOC-63A-030520	ASTW-LOC-63A-030520-Z	ASTW-LOC-64-030520
Sample Date	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020
QA/QC							
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Filtered/Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
Sample Delivery Group (SDG)	2091278/2095248/2095247	2091270	2091278/2095248/2095247	2091270	2091278/2095248/2095247	2091270	2091278/2095248/2095247
Lab Sample ID	1275419/1290772	1275274	1275420/1290776	1275278	1275417/1290756	1275266	1275418/1290760
Total Table 3+ SOP (ng/L)							
Hfpo Dimer Acid	**15,000 J**	**12,000**	**2,300 J**	**1,900**	**1,800 J**	**1,600**	**3,800 J**
PFMOAA	**12,000 J**	**9,700**	**2,300 J**	**1,500**	**140 J**	**150**	**210 J**
PFO2HxA	**28,000 J**	**26,000**	**1,700 J**	**1,100**	**380 J**	**360**	**2,400 J**
PFO3OA	**9,400 J**	**11,000**	**640 J**	**500**	**98 J**	**100**	**350 J**
PFO4DA	**7,000 J**	**6,000**	**630 J**	**450**	**84 J**	**80**	**89 J**
PFO5DA	**5,800 J**	**4,500**	**320 J**	**340**	**68 J**	**94**	**42 J**
PMPA	**15,000 J**	**13,000**	**850 J**	**810**	**480 J**	**480**	**3,600 J**
PEPA	**9,300 J**	**7,200**	**660 J**	**430**	**360 J**	**300**	**2,000 J**
PS Acid	**51,000 J**	**41,000**	**170 J**	**220**	**34 J**	**43**	**120 J**
Hydro-PS Acid	**2,700 J**	**1,900**	**140 J**	**130**	**64 J**	**85**	**140 J**
R-PSDA	**24,000 J**	**19,000**	**4,900 J**	**4,600**	**1,000 J**	**750**	**2,200 J**
Hydrolyzed PSDA	**7,100 J**	**5,000**	**320 B**	**590**	**170 J**	**82**	**350 J**
R-PSDCA	**64 J**	**62**	**17 J**	**15**	**4.9 J**	**4.4**	**8.4 J**
NVHOS	**1,000 J**	**620**	**150 J**	**150**	**38 J**	**39**	**58 J**
EVE Acid	**1,500 J**	**1,200**	**310 J**	**430**	**190 J**	**200**	**24 J**
Hydro-EVE Acid	**380 J**	**410**	**80 J**	**71**	**41 J**	**47**	**37 J**
R-EVE	**860 J**	**570**	**440 J**	**240**	**250 J**	**140**	**410 J**
PES	<2 UJ	<2	<2 UJ	<2	<2 UJ	<2	<2 UJ
PFECA B	<2 UJ	<2	<2 UJ	<2	<2 UJ	<2	<2 UJ
PFECA-G	**4.9 J**	**3.7**	<2 UJ	<2	<2 UJ	<2	<2 UJ
Total Table 3+ (17 compounds)	**160,000**	**130,000**	**10,000**	**8,000**	**3,800**	**3,600**	**13,000**
Total Table 3+ (20 compounds)	**190,000**	**160,000**	**16,000**	**13,000**	**5,200**	**4,600**	**16,000**
Total Table 3+ SOP Solid Residue (ng/filter)							
Hfpo Dimer Acid	**0.7 J**	--	**0.15 J**	--	**1.9 J**	--	**0.53 J**
PFMOAA	**0.23 J**	--	**0.037 J**	--	**0.27 J**	--	**0.34 J**
PFO2HxA	**0.68 J**	--	**0.038 J**	--	**0.65 J**	--	**0.053 J**
PFO3OA	**0.45 J**	--	**0.023 J**	--	**0.17 J**	--	**0.64 J**
PFO4DA	**0.63 J**	--	**0.11 J**	--	**0.16 J**	--	**0.21 J**
PFO5DA	**3.3 J**	--	**0.75 J**	--	**0.41 J**	--	**0.45 J**
PMPA	**0.38 J**	--	**0.07 J**	--	**0.92 J**	--	2.6 UJ
PEPA	**0.26 B**	--	0.13 UJ	--	**0.53 J**	--	**3 J**
PS Acid	**9.5 J**	--	**0.27 J**	--	**0.13 J**	--	**0.98 J**
Hydro-PS Acid	**2.3 J**	--	**0.33 J**	--	**0.34 J**	--	**0.72 J**
R-PSDA	**1.6 J**	--	**0.7 J**	--	**3.5 J**	--	**0.092 J**
Hydrolyzed PSDA	**1.6 J**	--	**0.1 J**	--	**0.51 J**	--	**0.49 J**
R-PSDCA	**0.014 J**	--	**0.0046 J**	--	**0.0087 J**	--	**0.02 J**
NVHOS	**0.031 J**	--	**0.0097 J**	--	**0.067 J**	--	**0.1 J**
EVE Acid	**0.72 J**	--	**0.12 J**	--	**0.47 J**	--	**0.08 J**
Hydro-EVE Acid	**0.82 J**	--	**0.055 J**	--	**0.12 J**	--	**0.17 J**
R-EVE	**0.079 J**	--	**0.091 J**	--	**0.63 J**	--	**0.47 J**
PES	<0.004 UJ	--	<0.004 UJ	--	<0.004 UJ	--	<0.004 UJ
PFECA B	<0.004 UJ	--	<0.004 UJ	--	<0.004 UJ	--	<0.004 UJ
PFECA-G	<0.004 UJ	--	<0.004 UJ	--	<0.004 UJ	--	<0.004 UJ
Total Table 3+ (17 compounds)	**20**	--	**2.1**	--	**6.1**	--	**9.9**
Total Table 3+ (20 compounds)	**23**	--	**3.0**	--	**11**	--	**11**
Other (mg/L)							
Total Suspended Solids	**30**	--	**49**	--	**1.79 J**	--	**500**

TABLE B2
ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	LOC64	LOC65	LOC65	LOC65	LOC65	LOC66	LOC67
Field Sample ID	ASTW-LOC-64-030520-Z	ASTW-LOC-65-030520	ASTW-LOC-65-030520-Z	ASTW-LOC-65-030520-D	ASTW-LOC-65-030520-DZ	ASTW-LOC-66-030520	ASTW-LOC-67-030520
Sample Date	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020
QA/QC				DUP	DUP		
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Filtered/Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
Sample Delivery Group (SDG)	2091270	2091278/2095248/2095247	2091270	2095247/2095248	2091270	2091273	2091273
Lab Sample ID	1275270	1275422/1290786	1275286	1289942/1290795	1277367	1275324	1275328
Total Table 3+ SOP (ng/L)							
Hfpo Dimer Acid	**3,300**	**12,000 J**	**10,000**	**9,800 J**	**10,000**	**2,100**	**860**
PFMOAA	**220**	**250 J**	**230**	**270 J**	**270**	**49**	**21**
PFO2HxA	**2,100**	**2,100 J**	**2,300**	**2,100 J**	**2,200**	**440**	**140**
PFO3OA	**360**	**350 J**	**340**	**300 J**	**390**	**64**	**12**
PFO4DA	**83**	**190 J**	**170**	**150 J**	**190**	**19**	**4**
PFO5DA	**43**	**180 J**	**140 J**	**140 J**	**190 J**	**13**	**3.4**
PMPA	**2,800**	**21,000 J**	**21,000**	**24,000 J**	**22,000**	**4,400**	**12,000**
PEPA	**1,900**	**17,000 J**	**16,000**	**17,000 J**	**16,000**	**2,600**	**7,200**
PS Acid	**150**	**300 J**	**290**	**260 J**	**320**	**1,700**	**110**
Hydro-PS Acid	**140**	**230 J**	**210**	**190 J**	**230**	**160**	**47 J**
R-PSDA	**1,400**	**6,500 J**	**5,100**	**6,600 J**	**4,700**	**3,300**	**260 J**
Hydrolyzed PSDA	**190**	**1,000 B**	**840**	**1,200 B**	**870**	**370**	**31 J**
R-PSDCA	**7**	**93 J**	**85**	**92 J**	**85**	**2.7**	<2
NVHOS	**65**	**360 J**	**500**	**370 J**	**590**	**110**	**5.9**
EVE Acid	**27**	**45 J**	**41 J**	**40 J**	**38 J**	**38**	**4.1**
Hydro-EVE Acid	**41**	**72 J**	**69 J**	**60 J**	**64 J**	**22**	**3.2**
R-EVE	**250**	**450 J**	**260**	**370 J**	**240**	**830**	**62**
PES	<2	<2 UJ	<2	<2 UJ	<20	<2	<2
PFECA B	<2	<2 UJ	<2	<2 UJ	<20	<2	<2
PFECA-G	<2	<2 UJ	<2	<2 UJ	<20	<2	<2
Total Table 3+ (17 compounds)	**11,000**	**54,000**	**51,000**	**55,000**	**53,000**	**12,000**	**20,000**
Total Table 3+ (20 compounds)	**13,000**	**62,000**	**58,000**	**63,000**	**58,000**	**16,000**	**21,000**
Total Table 3+ SOP Solid Residue (ng/filter)							
Hfpo Dimer Acid	--	**0.95 J**	--	**1.4 J**	--	--	--
PFMOAA	--	0.011 UJ	--	**0.13 J**	--	--	--
PFO2HxA	--	**0.085 J**	--	**0.23 J**	--	--	--
PFO3OA	--	**0.053 J**	--	**0.17 J**	--	--	--
PFO4DA	--	**0.12 J**	--	**0.3 J**	--	--	--
PFO5DA	--	**0.31 J**	--	**0.56 J**	--	--	--
PMPA	--	**0.69 J**	--	**2.2 J**	--	--	--
PEPA	--	**0.6 J**	--	**1.8 J**	--	--	--
PS Acid	--	**1.4 J**	--	**2.7 J**	--	--	--
Hydro-PS Acid	--	**1 J**	--	**1.6 J**	--	--	--
R-PSDA	--	**0.67 J**	--	**1.9 J**	--	--	--
Hydrolyzed PSDA	--	**0.32 J**	--	**1.2 J**	--	--	--
R-PSDCA	--	**0.055 J**	--	**0.23 J**	--	--	--
NVHOS	--	**0.038 J**	--	**0.17 J**	--	--	--
EVE Acid	--	**0.055 J**	--	**0.32 J**	--	--	--
Hydro-EVE Acid	--	**0.11 J**	--	**0.24 J**	--	--	--
R-EVE	--	**0.046 J**	--	**0.49 J**	--	--	--
PES	--	<0.004 UJ	--	**0.1 J**	--	--	--
PFECA B	--	<0.004 UJ	--	**0.089 J**	--	--	--
PFECA-G	--	<0.004 UJ	--	**0.078 J**	--	--	--
Total Table 3+ (17 compounds)	--	**5.5**	--	**12**	--	--	--
Total Table 3+ (20 compounds)	--	**6.5**	--	**16**	--	--	--
Other (mg/L)							
Total Suspended Solids	--	**270**	--	--	--	--	--

TABLE B2
ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	LOC68	LOC69	LOC69	LOC69	LOC69	LOC70	LOC71
Field Sample ID	ASTW-LOC-68-030520-Z	ASTW-LOC-69-030520	ASTW-LOC-69-030520-Z	ASTW-LOC-69-030520-D	ASTW-LOC-69-030520-DZ	ASTW-LOC-70-030520	ASTW-LOC-71-030520
Sample Date	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020
QA/QC				DUP	DUP		
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Filtered/Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
Sample Delivery Group (SDG)	2091273	2091278/2095248	2091270	2095247/2095248	2091270	2091273	2091278/2095248/2095247
Lab Sample ID	1275332	1275421/1289930	1275282	1289938/1290791	1277363	1275336	1275414/1290744
Total Table 3+ SOP (ng/L)							
Hfpo Dimer Acid	**210,000**	**32,000 J**	**31,000**	**30,000 J**	**33,000**	**86,000**	**19,000 J**
PFMOAA	**1,600**	**9,300 J**	**7,200**	**8,900 J**	**7,200**	**14,000**	**100,000 J**
PFO2HxA	**11,000**	**11,000 J**	**9,700**	**10,000 J**	**9,900**	**140,000**	**23,000 J**
PFO3OA	**3,000**	**3,700 J**	**3,900**	**3,600 J**	**4,300**	**38,000**	**12,000 J**
PFO4DA	**570**	**2,200 J**	**2,200**	**2,300 J**	**2,600**	**22,000**	**8,900 J**
PFO5DA	**390**	**1,200 J**	**1,400 J**	**1,000 J**	**1,500**	**18,000**	**4,100 J**
PMPA	**3,200**	**1,800 J**	**2,000**	**1,900 J**	**2,100**	**12,000**	**2,600 J**
PEPA	<2,000	**850 J**	**750 J**	**920 J**	**780 J**	**6,300**	**1,500 J**
PS Acid	**78,000**	**7,300 J**	**7,600**	**7,000 J**	**7,200**	**71,000**	**1,500 J**
Hydro-PS Acid	**7,500**	**1,200 J**	**1,100 J**	**1,100 J**	**1,000 J**	**7,500 J**	**2,100 J**
R-PSDA	**140,000**	**9,000 J**	**5,900**	**7,900 J**	**5,800**	**190,000 J**	**1,400 J**
Hydrolyzed PSDA	**17,000**	**1,500 B**	**860**	**1,500 B**	**830**	**16,000 J**	**2,600 B**
R-PSDCA	<200	**130 J**	**130**	**140 J**	**120**	<200	**47 J**
NVHOS	**3,100**	**760 J**	**440**	**740 J**	**580**	**2,100**	**3,600 J**
EVE Acid	**11,000**	**1,300 J**	**1,100 J**	**1,200 J**	**1,100**	**12,000**	**330 J**
Hydro-EVE Acid	**2,400**	**310 J**	**310**	**310 J**	**310**	**2,300**	**360 J**
R-EVE	**7,000**	**790 J**	**490**	**750 J**	**500**	**5,000**	**320 J**
PES	<200	<2 UJ	<2	<2 UJ	<20	<200	<2 UJ
PFECA B	<200	<2 UJ	<2	<2 UJ	<20	<200	<2 UJ
PFECA-G	<200	**5.3 J**	**4.1 J**	**5.4 J**	<20	<200	<2 UJ
Total Table 3+ (17 compounds)	**330,000**	**73,000**	**69,000**	**69,000**	**72,000**	**430,000**	**180,000**
Total Table 3+ (20 compounds)	**500,000**	**84,000**	**76,000**	**79,000**	**79,000**	**640,000**	**180,000**
Total Table 3+ SOP Solid Residue (ng/filter)							
Hfpo Dimer Acid	--	--	--	**5 J**	--	--	**0.84 J**
PFMOAA	--	--	--	**0.62 J**	--	--	**1.5 J**
PFO2HxA	--	--	--	**1.7 J**	--	--	**0.64 J**
PFO3OA	--	--	--	**0.72 J**	--	--	**0.71 J**
PFO4DA	--	--	--	**0.95 J**	--	--	**3.4 J**
PFO5DA	--	--	--	**3.2 J**	--	--	**4 J**
PMPA	--	--	--	**1.1 J**	--	--	**0.12 J**
PEPA	--	--	--	**0.55 J**	--	--	**0.065 J**
PS Acid	--	--	--	**5 J**	--	--	**2.5 J**
Hydro-PS Acid	--	--	--	**2.5 J**	--	--	**3.3 J**
R-PSDA	--	--	--	**3.1 J**	--	--	**0.2 J**
Hydrolyzed PSDA	--	--	--	**1.4 J**	--	--	**0.64 J**
R-PSDCA	--	--	--	**0.24 J**	--	--	**0.028 J**
NVHOS	--	--	--	**0.49 J**	--	--	**0.19 J**
EVE Acid	--	--	--	**1 J**	--	--	**0.4 J**
Hydro-EVE Acid	--	--	--	**0.66 J**	--	--	**0.28 J**
R-EVE	--	--	--	**0.96 J**	--	--	**0.04 J**
PES	--	--	--	**0.095 J**	--	--	<0.004 UJ
PFECA B	--	--	--	**0.07 J**	--	--	<0.004 UJ
PFECA-G	--	--	--	**0.041 J**	--	--	<0.004 UJ
Total Table 3+ (17 compounds)	--	--	--	**24**	--	--	**18**
Total Table 3+ (20 compounds)	--	--	--	**29**	--	--	**19**
Other (mg/L)							
Total Suspended Solids	--	**12**	--	--	--	--	**52**

TABLE B2
ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	LOC71	LOC72	LOC72	LOC73	LOC75	LOC76	LOC77
Field Sample ID	ASTW-LOC-71-030520-Z	ASTW-LOC-72-030520	ASTW-LOC-72-030520-Z	ASTW-LOC-73-030520	ASTW-LOC-75-030520	ASTW-LOC-76-030520	ASTW-LOC-77-030520
Sample Date	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020
QA/QC							
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Filtered/Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
Sample Delivery Group (SDG)	2091270	2091278/2095248/2095247	2091270	2091273	2091273	2091273	2091278/2095248/2095247
Lab Sample ID	1275254	1275415/1290748	1275258	1275340	1275344	1275348	1275416/1290752
Total Table 3+ SOP (ng/L)							
Hfpo Dimer Acid	**16,000**	**300 J**	**290**	**520**	**1,500**	**910**	**2,900 J**
PFMOAA	**98,000**	**12 J**	**12**	**22**	**21**	**18**	**250 J**
PFO2HxA	**21,000**	**58 J**	**57**	**100**	**98**	**99**	**610 J**
PFO3OA	**14,000**	**19 J**	**17**	**31**	**33**	**32**	**360 J**
PFO4DA	**9,200**	**7.2 J**	**6**	**13**	**15**	**15**	**370 J**
PFO5DA	**4,600**	**3.5 J**	**2.7**	**6.2**	**9.4**	**8.7**	**170 J**
PMPA	**2,400**	**17 J**	**11**	**45**	**46**	**26**	**120 J**
PEPA	<2,000	<20 UJ	<20	**24**	<20	<20	**130 J**
PS Acid	**1,200 J**	**100 J**	**130**	**25**	**10**	**20**	**91 J**
Hydro-PS Acid	**1,400**	**11 J**	**10**	**17 J**	**6.7 J**	**7.6 J**	**54 J**
R-PSDA	**680**	**27 J**	**21**	**89 J**	**25 J**	**21 J**	**740 J**
Hydrolyzed PSDA	**1,200**	**18 B**	**15**	**6.7 J**	**11 J**	**17 J**	**150 J**
R-PSDCA	<200	<2 UJ	<2	<2	<2	<2	**7.8 J**
NVHOS	**2,400**	**3.1 J**	<2	**3.6**	<2	<2	**50 J**
EVE Acid	**300**	**2.7 J**	<2	**4.3**	**3.2**	**3.6**	**50 J**
Hydro-EVE Acid	**300**	<2 UJ	<2	<2	<2	<2	**20 J**
R-EVE	<200	**3.6 J**	**2.5**	**9.9**	**6.3**	**8.2**	**180 J**
PES	<200	<2 UJ	<2	<2	<2	<2	<2 UJ
PFECA B	<200	<2 UJ	<2	<2	<2	<2	<2 UJ
PFECA-G	<200	<2 UJ	<2	<2	<2	<2	<2 UJ
Total Table 3+ (17 compounds)	**170,000**	**530**	**540**	**810**	**1,700**	**1,100**	**5,200**
Total Table 3+ (20 compounds)	**170,000**	**580**	**570**	**920**	**1,800**	**1,200**	**6,300**
Total Table 3+ SOP Solid Residue (ng/filter)							
Hfpo Dimer Acid	--	**0.032 J**	--	--	--	--	**1.3 J**
PFMOAA	--	<0.01 UJ	--	--	--	--	**0.019 J**
PFO2HxA	--	**0.01 J**	--	--	--	--	**0.19 J**
PFO3OA	--	**0.006 J**	--	--	--	--	**0.13 J**
PFO4DA	--	**0.0098 J**	--	--	--	--	**0.52 J**
PFO5DA	--	**0.084 J**	--	--	--	--	**0.91 J**
PMPA	--	<0.02 UJ	--	--	--	--	**0.022 UJ**
PEPA	--	<0.04 UJ	--	--	--	--	<0.04 UJ
PS Acid	--	**0.64 J**	--	--	--	--	**0.082 J**
Hydro-PS Acid	--	**0.099 J**	--	--	--	--	**0.54 J**
R-PSDA	--	<0.004 UJ	--	--	--	--	**0.46 J**
Hydrolyzed PSDA	--	**0.0093 J**	--	--	--	--	**0.13 J**
R-PSDCA	--	<0.004 UJ	--	--	--	--	**0.0058 J**
NVHOS	--	<0.004 UJ	--	--	--	--	**0.065 J**
EVE Acid	--	**0.0079 J**	--	--	--	--	**0.45 J**
Hydro-EVE Acid	--	<0.004 UJ	--	--	--	--	**0.11 J**
R-EVE	--	<0.004 UJ	--	--	--	--	**0.17 J**
PES	--	<0.004 UJ	--	--	--	--	<0.004 UJ
PFECA B	--	<0.004 UJ	--	--	--	--	<0.004 UJ
PFECA-G	--	<0.004 UJ	--	--	--	--	<0.004 UJ
Total Table 3+ (17 compounds)	--	**0.89**	--	--	--	--	**4.3**
Total Table 3+ (20 compounds)	--	**0.90**	--	--	--	--	**5.1**
Other (mg/L)							
Total Suspended Solids	--	**1.04 J**	--	--	--	--	**12**

TABLE B2
ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	LOC77	LOC78	LOC79	LOC80	LOC83	LOC84	LOC85
Field Sample ID	ASTW-LOC-77-030520-Z	ASTW-LOC-78-030520	ASTW-LOC-79-030520	ASTW-LOC-80-030520	ASTW-LOC-83-030520	ASTW-LOC-84-030520	ASTW-LOC-85-030520-Z
Sample Date	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020
QA/QC							
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Filtered/Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Filtered
Sample Delivery Group (SDG)	2091270	2091277	2091277	2091277	2091277	2091277	2091277
Lab Sample ID	1275262	1275372	1275376	1275380	1275384	1275388	1275392
Total Table 3+ SOP (ng/L)							
Hfpo Dimer Acid	**2,600**	**3,600**	**9,600**	**6,200**	**260**	**740**	**730**
PFMOAA	**260**	**48**	**2,100**	**1,100**	<5	**40**	<5
PFO2HxA	**590**	**210**	**2,600**	**1,800**	**4.4**	**20**	**8.6**
PFO3OA	**370**	**50**	**1,600**	**810**	<2	**4.1**	<2
PFO4DA	**280**	**23**	**1,400**	**620**	<2	**3.4**	<2
PFO5DA	**160**	**14**	**1,400**	**330**	<2	**4.6**	<2
PMPA	**150**	**370**	**930**	**2,500**	<10	**81**	**66**
PEPA	**61**	**250**	**440**	**1,300**	<20	<20	<20
PS Acid	**95**	**500**	**330**	**1,500**	<2	**2.6 B**	<2
Hydro-PS Acid	**56**	**36 J**	**410**	**370**	<2	**2.2**	<2
R-PSDA	**540**	**430 J**	**3,800**	**4,600**	**6.4**	**34**	**6.5**
Hydrolyzed PSDA	**72**	**33 J**	**700 B**	**2,000**	<2	**5.2 B**	<2
R-PSDCA	**6.8**	<2	**45**	**55**	<2	<2	<2
NVHOS	**55**	**17**	**300**	**470**	<2	**2.6**	<2
EVE Acid	**52**	**65**	**200**	**870**	<2	<2	<2
Hydro-EVE Acid	**21**	**15**	**150**	**220**	<2	<2	<2
R-EVE	**92**	**98**	**400**	**2,100**	<2	**11**	<2
PES	<2	<2	<2	<20	<2	<2	<2
PFECA B	<2	<2	<2	<20	<2	<2	<2
PFECA-G	<2	<2	<2	<20	<2	<2	<2
Total Table 3+ (17 compounds)	**4,800**	**5,200**	**22,000**	**18,000**	**260**	**900**	**800**
Total Table 3+ (20 compounds)	**5,500**	**5,800**	**26,000**	**27,000**	**270**	**950**	**810**
Total Table 3+ SOP Solid Residue (ng/filter)							
Hfpo Dimer Acid	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
Total Table 3+ (17 compounds)	--	--	--	--	--	--	--
Total Table 3+ (20 compounds)	--	--	--	--	--	--	--
Other (mg/L)							
Total Suspended Solids	--	--	--	--	--	--	--

TABLE B2
ANALYTICAL RESULTS
Chemours Fayetteville Works, North Carolina

Location ID	LOC86	LOC87	LOC88	EB	FBLK
Field Sample ID	ASTW-LOC-86-030520	ASTW-LOC-87-030520	ASTW-LOC-88-030520	ASTW-LOC-EB-030520	ASTW-LOC-FB-030520
Sample Date	3/5/2020	3/5/2020	3/5/2020	3/5/2020	3/5/2020
QA/QC				Equipment Blank	Field Blank
Sample Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Filtered/Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
Sample Delivery Group (SDG)	2091277	2091277	2091277	2091277/2091279	2091277/2091279
Lab Sample ID	1275396	1275400	1275404	1275408/1275423	1275412/1275424
Total Table 3+ SOP (ng/L)					
Hfpo Dimer Acid	**280**	**220**	**660**	<2	<2
PFMOAA	<5	<5	<5	<5	<5
PFO2HxA	<2	**12**	**13**	<2	<2
PFO3OA	<2	**2.1**	**2**	<2	<2
PFO4DA	<2	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2	<2
PMPA	<10	**21**	**25**	<10	<10
PEPA	<20	<20	<20	<20	<20
PS Acid	<2	**3.3 B**	**8.9 B**	**2.2**	<2
Hydro-PS Acid	<2	<2	**2.1**	<2	<2
R-PSDA	<2	**23**	**13**	<2	<2
Hydrolyzed PSDA	<2	**3 B**	<2	**6**	<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	**10**	**6.8**	<2	<2
PES	<2	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2	<2
Total Table 3+ (17 compounds)	**280**	**260**	**710**	**2**	**ND**
Total Table 3+ (20 compounds)	**280**	**290**	**730**	**8**	**ND**
Total Table 3+ SOP Solid Residue (ng/filter)					
Hfpo Dimer Acid	--	--	--	--	--
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	--	--	--	--	--
Total Table 3+ (17 compounds)	--	--	--	--	--
Total Table 3+ (20 compounds)	--	--	--	--	--
Other (mg/L)					
Total Suspended Solids	--	--	--	<1	<1

Notes:
Bold - Analyte detected above associated reporting limit
Abbreviations:
B - analyte detected in an associated blank
EPA - Environmental Protection Agency
J - Analyte detected. Reported value may not be accurate or precise
mg/ L - milligrams per liter
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.

APPENDIX C

Analytical Results – All Sampling Events

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	1	1	1	1
Sampling Event	**April 2019**	**June 2019**	**August 2019**	**October 2019**
Field Sample ID	**DSTW-LOC1-042419**	**STW-LOC1-062819**	**STW-LOC1-082219**	**STW-LOC1-101019**
Date Sampled	**4/24/2019**	**06/28/2019**	**8/22/2019**	**10/10/2019**
Analytical Laboratory	**TestAmerica**	**TestAmerica**	**TestAmerica**	**TestAmerica**
QA/QC	**--**	**--**	**--**	**--**
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**14**	**18**	**30**	**12**
PFMOAA	**7 J**	<5	**25**	<5 UJ
PFO2HxA	**12 J**	**14**	**21**	**7.5**
PFO3OA	<2 UJ	**2.5**	**3.3**	<2
PFO4DA	<2 UJ	<2	<2	<2
PFO5DA	<2 UJ	<2	<2	<2
PMPA	**21 J**	**23**	**37**	**27**
PEPA	<20 UJ	<20	<20	<20
PS Acid	<2 UJ	<2	<2	<2
Hydro-PS Acid	<2 UJ	<2	<2	<2
R-PSDA	**11 J**	**2.8 J**	**15 J**	**8.5 J**
Hydrolyzed PSDA	**3.2 J**	<2	**11 J**	**2.3 J**
R-PSDCA	<2 UJ	<2	<2	<2
NVHOS	<2 UJ	<2	**5.1**	**5.8**
EVE Acid	<2 UJ	<2	<2	<2
Hydro-EVE Acid	<2 UJ	<2	<2	<2
R-EVE	**6.4 J**	<2	**4 J**	<2
PES	<2 UJ	<2	<2	<2
PFECA B	<2 UJ	<2	<2	<2
PFECA-G	<2 UJ	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**54**	**58**	**120**	**52**
Total Table 3+ Compounds (20 compounds)*	**75**	**60**	**150**	**63**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2.0	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	--	--	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<60	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<110	<2	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	--	--	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<37	**2.7**	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<35	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**2.3**	**3.7**	**4**	**6.5**
Perfluorobutanoic Acid	**7.1**	**8.3**	**8.5**	**19**
Perfluorodecane Sulfonic Acid	<2.0	<2	<2	<2
Perfluorodecanoic Acid	<2.0	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2.0	<2	<2	<2
Perfluorododecanoic Acid	<2.0	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2.0	<2	<2	<2
Perfluoroheptanoic Acid	**7.0**	**14**	**20**	**32**
Perfluorohexadecanoic acid (PFHxDA)	<2.0	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3.3**	**5**	**5.6**	**8.7**
Perfluorohexanoic Acid	**9.2**	**21**	**26**	**51**
Perfluorononanesulfonic acid	<2.0	<2	<2	<2
Perfluorononanoic Acid	<2.0	<2	<2	<2
Perfluorooctadecanoic acid	<2.0	<2	<2	<2
Perfluorooctane Sulfonamide	<2.0	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2.0	<2	<2	<2
Perfluoropentanoic Acid	**7**	**17**	**26**	**48**
Perfluorotetradecanoic Acid	<2.0	<2	<2	<2
Perfluorotridecanoic Acid	<2.0	<2	<2	<2
Perfluoroundecanoic Acid	<2.0	<2	<2	<2
PFOA	**8.1**	**8.5**	**8.7**	**10**
PFOS	**12**	**11**	**12**	**14**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	1	1	1	1
Sampling Event	December 2019	January 2020	April 2020	May/June 2020
Field Sample ID	STW-LOC-1-122019	STW-LOC-1-122019	STW-LOC-1-4-042820	STW-LOC-1-2-052120
Date Sampled	12/20/2019	1/29/2020	4/28/2020	5/20/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**9.8 B**	**13**	**13**	**24**
PFMOAA	**14**	**12**	**7.6**	<5
PFO2HxA	**6.9**	**6.1**	**11**	**12**
PFO3OA	<2	<2	**2**	**2.3**
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	**4.6**	**3.1**
PMPA	**23 B**	**17**	**26**	**56**
PEPA	<20	<20	<20	<20
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	**5 J**	**5.5 J**	**11 J**	**31 J**
Hydrolyzed PSDA	**7.1 J**	**6.1 J**	**5.2 J**	**4.8 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	<2	<2	**5.5**	**4.6**
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	<2	**2.3 J**	<2	**6.6 J**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**54**	**48**	**70**	**100**
Total Table 3+ Compounds (20 compounds)*	**66**	**62**	**86**	**140**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	--
DONA	--	--	--	<2
NaDONA	<2.1	<2.1	<2.1	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.1**	**2.2**	**3.4**	**3.6 J**
Perfluorobutanoic Acid	**3.6**	<2	**5.1**	**5.6**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**8.8**	**4.8**	**4.2**	**5.1 J**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3**	**2.4**	**4.1**	**4.8 J**
Perfluorohexanoic Acid	**15**	**6.3**	**8.5**	**11**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**9.7**	**5.4**	**11**	**9.8**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**5.4**	**3.8**	**5.5**	**5.5 J**
PFOS	**6.8**	**5.4**	**8.3**	**9.0**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	1	2	3	4
Sampling Event	August 2020	May/June 2020	May/June 2020	May/June 2020
Field Sample ID	STW-LOC-1-4-082620	STW-LOC-2-.33-052120	STW-LOC-3-2-052120	STW-LOC-4-2-052120
Date Sampled	8/26/2020	5/20/2020	5/20/2020	5/20/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**13**	**2,700**	**2,700**	**620**
PFMOAA	**5.0**	<11	<11	**12**
PFO2HxA	**14**	**41**	**25**	**6.9**
PFO3OA	**2.5**	**10**	**11**	**3.3**
PFO4DA	<2	**4**	**8**	**2**
PFO5DA	<2	<2	**11**	**4.9**
PMPA	**60**	**220**	<28	**65**
PEPA	<10	**32**	<20	<20
PS Acid	<2	**11**	<2	<2
Hydro-PS Acid	<2	**5**	**4**	**2**
R-PSDA	<2	**26 J**	**17 J**	**17 J**
Hydrolyzed PSDA	**3.0**	**19 J**	**5.2 J**	**2.2 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	**6.5**	**4.7**	**3.1**	<2
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	**2**	<2	<2
R-EVE	<2	**15 J**	**5.4 J**	**3.8 J**
PES	<2	<2.3	<2.3	<2
PFECA B	<2	<3	<3	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**100**	**3,000**	**2,800**	**720**
Total Table 3+ Compounds (20 compounds)*	**100**	**3,100**	**2,800**	**740**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<3	<3.2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<5	<5.4	<2.5
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<31	<34	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<82	<87	<41
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<13	<14	<6.7
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<22	<23	<11
6:2 Fluorotelomer sulfonate	<20	<31	<34	<20
F-53B Major (9Cl-PF3ONS)	<2	<3.8	<4	<2
ADONA	--	--	--	--
DONA	<2	<2.8	<3	<2
NaDONA	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<30	<32	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<14	<15	<6.9
N-methyl perfluoro-1-octanesulfonamide	<2	<6.8	<7.2	<3.4
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<49	<52	<24
Perfluorobutane Sulfonic Acid	**4.1**	<3.1	<3.4	<2
Perfluorobutanoic Acid	**4.3**	<5.5	<5.9	<2.8
Perfluorodecane Sulfonic Acid	<2	<5	<5.4	<2.5
Perfluorodecanoic Acid	<2	<4.9	<5.2	<2.4
Perfluorododecane sulfonic acid (PFDoS)	<2	<7.1	<7.5	<3.6
Perfluorododecanoic Acid	<2	<8.6	<9.2	<4.3
Perfluoroheptane sulfonic acid (PFHpS)	<2	<3	<3.2	<2
Perfluoroheptanoic Acid	**3.0**	<3.9	<4.2	<2
Perfluorohexadecanoic acid (PFHxDA)	--	<14	<15	<7
Perfluorohexane Sulfonic Acid	**3.6**	<2.7	**3**	<2
Perfluorohexanoic Acid	**7.1**	<9.1	<9.7	<4.6
Perfluorononanesulfonic acid	<2	<2.5	<2.7	<2
Perfluorononanoic Acid	<2	<4.2	<4.5	<2.1
Perfluorooctadecanoic acid	<2	<7.2	<7.7	<3.6
Perfluorooctane Sulfonamide	<2	<5.5	<5.9	<2.8
Perfluoropentane sulfonic acid (PFPeS)	<2	<4.7	<5	<2.4
Perfluoropentanoic Acid	**7.1**	<7.7	<8.2	<3.9
Perfluorotetradecanoic Acid	<2	<4.6	<4.9	<2.3
Perfluorotridecanoic Acid	<2	<20	<22	<10
Perfluoroundecanoic Acid	<2	<17	<18	<8.7
PFOA	**5.1**	**18**	**26**	**9**
PFOS	**7.4**	<8.5	**15**	<4.3

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	5	6A	6A	6A
Sampling Event	May/June 2020	April 2019	June 2019	August 2019
Field Sample ID	STW-LOC-5-1.99-052120	DSTW-LOC6A-042419	STW-LOC-6A-062719	STW-LOC6A-082119
Date Sampled	5/20/2020	04/24/2019	06/27/2019	8/21/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**100**	**13**	**66**	**19**
PFMOAA	<5	<5 UJ	<5 UJ	<5
PFO2HxA	**19**	**11 J**	**11 J**	**12**
PFO3OA	**4.5**	<2 UJ	<2 UJ	<2
PFO4DA	**3**	<2 UJ	<2 UJ	<2
PFO5DA	**9.2**	<2 UJ	<2 UJ	<2
PMPA	**68**	**24 J**	**23 J**	**27**
PEPA	<20	<20 UJ	<20 UJ	<20
PS Acid	**13**	<2 UJ	<2 UJ	<2
Hydro-PS Acid	**51**	<2 UJ	<2 UJ	<2
R-PSDA	**120 J**	**8.1 J**	**7.9 J**	<2
Hydrolyzed PSDA	**5.2 J**	**4.3 J**	<2 UJ	**5.1 J**
R-PSDCA	**5**	<2 UJ	<2 UJ	<2
NVHOS	**9.9**	<2 UJ	<2 UJ	**5.3**
EVE Acid	<2	<2 UJ	<2 UJ	<2
Hydro-EVE Acid	<2	<2 UJ	<2 UJ	<2
R-EVE	**11 J**	**2.6 J**	**4 J**	**3.9 J**
PES	<2	<2 UJ	<2 UJ	<2
PFECA B	<2	<2 UJ	<2 UJ	<2
PFECA-G	<2	<2 UJ	<2 UJ	<2
Total Table 3+ Compounds (17 compounds)*	**280**	**48**	**100**	**63**
Total Table 3+ Compounds (20 compounds)*	**420**	**63**	**110**	**72**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2.0	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	--	--	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<60	<60	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<110	<110	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	--	--	<2
ADONA	--	<2.1	<2.1	<2.1
DONA	<2	--	--	--
NaDONA	--	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<37 UJ	<37	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<35 UJ	<35	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**2**	**2.4**	**3.6**	**4.3**
Perfluorobutanoic Acid	**3.4**	**7.6**	**11**	**8.7**
Perfluorodecane Sulfonic Acid	<2	<2.0	<2	<2
Perfluorodecanoic Acid	<2	<2.0	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2.0	<2	<2
Perfluorododecanoic Acid	<2	<2.0	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2.0	<2	<2
Perfluoroheptanoic Acid	<2	**7.4**	**13**	**21**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2.0	<2	<2
Perfluorohexane Sulfonic Acid	<2	**3.7**	**5.3**	**6.5**
Perfluorohexanoic Acid	<2	**9.2**	**22**	**27**
Perfluorononanesulfonic acid	<2	<2.0	<2	<2
Perfluorononanoic Acid	<2	<2.0	<2	<2
Perfluorooctadecanoic acid	<2	<2.0	<2	<2
Perfluorooctane Sulfonamide	<2	<2.0	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2.0	<2	<2
Perfluoropentanoic Acid	**12**	**7.4**	**18**	**27**
Perfluorotetradecanoic Acid	<2	<2.0	<2	<2
Perfluorotridecanoic Acid	<2	<2.0	<2	<2
Perfluoroundecanoic Acid	<2	<2.0	<2	<2
PFOA	<2	**8.6**	**8.3**	**11**
PFOS	**2.1**	**14**	**14**	**18**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	6A	6A	6A	6A
Sampling Event	October 2019	December 2019	January 2020	April 2020
Field Sample ID	STW-LOC6A-100919	STW-LOC-6A-122019	STW-LOC6A-012920	STW-LOC-6A-042820
Date Sampled	10/9/2019	12/20/2019	1/29/2020	4/28/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**17**	**30 B**	**36**	**17**
PFMOAA	<5 UJ	**13**	**13 J**	**9.9**
PFO2HxA	**12**	**7.7**	**16**	**11**
PFO3OA	**2**	<2	<2	**2**
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	**5.9**
PMPA	**37**	**53 B**	**62**	**30**
PEPA	<20	**22**	**24**	<20
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	**15 J**	**6.5 J**	**21 J**	**14 J**
Hydrolyzed PSDA	**2.9 J**	**6.4 J**	**7.3 J**	**4.7 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	**6.6**	<2	<2	**5.4**
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	**6 J**	**4.2 J**	**7.8 J**	**5 J**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**75**	**130**	**150**	**81**
Total Table 3+ Compounds (20 compounds)*	**99**	**140**	**190**	**100**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**5.9**	**3.1**	**2.5**	**3.6**
Perfluorobutanoic Acid	**18**	<2	**4**	**5.8**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**36**	**11**	**5.3**	**4.7**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**8.9**	**3.6**	**2.9**	**4.8**
Perfluorohexanoic Acid	**48**	**16**	**7**	**9.2**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**45**	**11**	**5.6**	**11**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**12**	**6.1**	**5.3**	**6.9**
PFOS	**18**	**9.4**	**8.6**	**14**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	6A	6A	6B	6B
Sampling Event	May/June 2020	August 2020	April 2019	June 2019
Field Sample ID	STW-LOC6A-060320	STW-LOC-6A-082620	DSTW-LOC6B-042419	STW-LOC-6B-062719
Date Sampled	6/3/2020	8/26/2020	04/24/2019	06/27/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**6.7 J**	**21**	**41**	**24**
PFMOAA	<2 UJ	**24**	<5 UJ	<5 UJ
PFO2HxA	**7.1 J**	**23**	**11 J**	**13 J**
PFO3OA	<2 UJ	**3.4**	<2 UJ	<2 UJ
PFO4DA	<2 UJ	<2	<2 UJ	<2 UJ
PFO5DA	<2 UJ	<2	<2 UJ	<2 UJ
PMPA	**14 J**	**80**	**23 J**	**23 J**
PEPA	**2 J**	<10	<20 UJ	<20 UJ
PS Acid	<2 UJ	<2	<2 UJ	<2 UJ
Hydro-PS Acid	<2 UJ	<2	<2 UJ	<2 UJ
R-PSDA	**7.6 J**	<2	**11 J**	**13 J**
Hydrolyzed PSDA	**2.4 J**	**10**	**3.6 J**	<2 UJ
R-PSDCA	<2 UJ	<2	<2 UJ	<2 UJ
NVHOS	<2 UJ	<2	<2 UJ	<2 UJ
EVE Acid	<2 UJ	<2	<2 UJ	<2 UJ
Hydro-EVE Acid	<2 UJ	<2	<2 UJ	<2 UJ
R-EVE	**3.6 J**	<2	**6.6 J**	**5.8 J**
PES	<2 UJ	<2	<2 UJ	<2 UJ
PFECA B	<2 UJ	<2	<2 UJ	<2 UJ
PFECA-G	<2 UJ	<2	<2 UJ	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**30**	**150**	**75**	**60**
Total Table 3+ Compounds (20 compounds)*	**43**	**160**	**96**	**79**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2.0	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<60	<60
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<110	<110
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	--	--
ADONA	--	--	<2.1	<2.1
DONA	<2	<2	--	--
NaDONA	--	--	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<37 UJ	<37
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<35 UJ	<35
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3**	**4.2**	**2.3**	**3.6**
Perfluorobutanoic Acid	**3**	**5.5**	**7.1**	**9.2**
Perfluorodecane Sulfonic Acid	<2	<2	<2.0	<2
Perfluorodecanoic Acid	<2	<2	<2.0	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2.0	<2
Perfluorododecanoic Acid	<2	<2	<2.0	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2.0	<2
Perfluoroheptanoic Acid	**5**	**3.3**	**7.4**	**13**
Perfluorohexadecanoic acid (PFHxDA)	<2	--	<2.0	<2
Perfluorohexane Sulfonic Acid	**3.5**	**4.1**	**3.6**	**5.6**
Perfluorohexanoic Acid	**9.7**	**7.5**	**9.3**	**20**
Perfluorononanesulfonic acid	<2	<2	<2.0	<2
Perfluorononanoic Acid	<2	<2	<2.0	<2
Perfluorooctadecanoic acid	<2	<2	<2.0	<2
Perfluorooctane Sulfonamide	<2	<2	<2.0	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2.0	<2
Perfluoropentanoic Acid	**6.4**	**7.9**	**7.2**	**17**
Perfluorotetradecanoic Acid	<2	<2	<2.0	<2
Perfluorotridecanoic Acid	<2	<2	<2.0	<2
Perfluoroundecanoic Acid	<2	<2	<2.0	<2
PFOA	**7.6**	**6**	**9.3**	**9.6**
PFOS	**16**	**11**	**14**	**16**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	6B	6B	6B	6B
Sampling Event	August 2019	October 2019	December 2019	January 2020
Field Sample ID	STW-LOC6B-082119	STW-LOC6B-100919	STW-LOC-6B-122019	STW-LOC6B-012920
Date Sampled	8/21/2019	10/9/2019	12/20/2019	1/29/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**17**	**17**	**9 B**	**25**
PFMOAA	<5	<5 UJ	**13**	**8.9 J**
PFO2HxA	**11**	**11**	**6.4**	**6.1**
PFO3OA	<2	**2.1**	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	**37**	**30**	**19 B**	**26**
PEPA	<20	<20	<20	<20
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	**12 J**	**11 J**	<2	**3.4 J**
Hydrolyzed PSDA	**2.5 J**	**2.8 J**	**6.4 J**	**5.1 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	**4.4**	**6.5**	<2	<2
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	**3.2 J**	**4.7 J**	<2	<2
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**69**	**67**	**47**	**66**
Total Table 3+ Compounds (20 compounds)*	**87**	**85**	**54**	**75**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**4.3**	**6.9**	**3.3**	**2.4**
Perfluorobutanoic Acid	**8.4**	**18**	<2	**3.4**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**20**	**35**	**8.2**	**4.7**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2 UJ	<2
Perfluorohexane Sulfonic Acid	**5.8**	**8.5**	**3.4**	**2.6**
Perfluorohexanoic Acid	**27**	**48**	**16**	**6.3**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2 UJ	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**26**	**46**	**10**	**5.5**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**8.8**	**11**	**4.9**	**4.2**
PFOS	**15**	**16**	**7.2**	**5.9**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	6B	6B	6B	7A
Sampling Event	April 2020	May/June 2020	August 2020	April 2019
Field Sample ID	STW-LOC-6B-042820	STW-LOC6B-060320	STW-LOC-6B-082620	DSTW-LOC7A-042419
Date Sampled	4/28/2020	6/3/2020	8/26/2020	04/24/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**12**	**4.5 J**	**27**	**14**
PFMOAA	**9.8**	<2 UJ	**31**	**8 J**
PFO2HxA	**9.5**	**6.4 J**	**32**	**12 J**
PFO3OA	<2	<2 UJ	**4.7**	<2 UJ
PFO4DA	<2	<2 UJ	<2	<2 UJ
PFO5DA	**4.5**	<2 UJ	<2	<2 UJ
PMPA	**31**	**17 J**	**53**	**24 J**
PEPA	<20	<2 UJ	<10	<20 UJ
PS Acid	<2	<2 UJ	<2	<2 UJ
Hydro-PS Acid	<2	<2 UJ	<2	<2 UJ
R-PSDA	**10 J**	<2 UJ	<2	**5.3 J**
Hydrolyzed PSDA	**4 J**	**2 J**	<2	**4.2 J**
R-PSDCA	<2	<2 UJ	<2	<2 UJ
NVHOS	**5.1**	<2 UJ	<2	<2 UJ
EVE Acid	<2	<2 UJ	<2	<2 UJ
Hydro-EVE Acid	<2	<2 UJ	<2	<2 UJ
R-EVE	<2	<2 UJ	<2	**3.9 J**
PES	<2	<2 UJ	<2	<2 UJ
PFECA B	<2	<2 UJ	<2	<2 UJ
PFECA-G	<2	<2 UJ	<2	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**72**	**28**	**150**	**58**
Total Table 3+ Compounds (20 compounds)*	**86**	**30**	**150**	**71**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2.0
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<60
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<110
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	--
ADONA	<2.1	--	--	<2.1
DONA	--	<2	<2	--
NaDONA	<2.1	--	--	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<37
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<35
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.6**	**3.1**	**4.6**	**2.3**
Perfluorobutanoic Acid	**5.6**	**8.6**	**5.9**	**7**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2.0
Perfluorodecanoic Acid	<2	<2	<2	<2.0
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2.0
Perfluorododecanoic Acid	<2	<2	<2	<2.0
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2.0
Perfluoroheptanoic Acid	**4.5**	**4.4**	**3.4**	**7.4**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	--	<2.0
Perfluorohexane Sulfonic Acid	**4.4**	**3**	**3.8**	**3.4**
Perfluorohexanoic Acid	**9.2**	**8.8**	**7.5**	**8.3**
Perfluorononanesulfonic acid	<2	<2	<2	<2.0
Perfluorononanoic Acid	<2	<2	<2	<2.0
Perfluorooctadecanoic acid	<2	<2	<2	**2**
Perfluorooctane Sulfonamide	<2	<2	<2	<2.0
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2.0
Perfluoropentanoic Acid	**11**	**7.5**	**8.1**	**6.5**
Perfluorotetradecanoic Acid	<2	<2	<2	<2.0
Perfluorotridecanoic Acid	<2	<2	<2	<2.0
Perfluoroundecanoic Acid	<2	<2	<2	<2.0
PFOA	**6**	**6.6**	**5.6**	**8.8**
PFOS	**9.8**	**9.3**	**9.7**	**14**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	7A	7A	7A	7A
Sampling Event	June 2019	August 2019	October 2019	December 2019
Field Sample ID	STW-LOC7A-062819	STW-LOC7A-082219	STW-LOC7A-101019	STW-LOC-7A-122019
Date Sampled	06/28/2019	8/22/2019	10/10/2019	12/20/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**22**	**13**	**16**	**9.3 B**
PFMOAA	<5	**6.7**	<5 UJ	**13**
PFO2HxA	**14**	**9.4**	**10**	**6.7**
PFO3OA	**2.2**	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	**22**	**23**	**28**	**21 B**
PEPA	<20	<20	<20	<20
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	**3.4 J**	**11 J**	**11 J**	<2
Hydrolyzed PSDA	<2	**3.1 J**	**3.2 J**	**8.2 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	<2	**4.5**	**6.6**	<2
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	<2	<2	**4.8 J**	<2
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**60**	**57**	**61**	**50**
Total Table 3+ Compounds (20 compounds)*	**64**	**71**	**80**	**58**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	--	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<2	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	--	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.6**	**4.1**	**4.9**	**3**
Perfluorobutanoic Acid	**8.8**	**8.8**	**18**	**4**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**14**	**20**	**33**	**8.6**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**5.2**	**6.1**	**8.8**	**3.3**
Perfluorohexanoic Acid	**20**	**26**	**49**	**16**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**19**	**26**	**46**	**11**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**9.4**	**8.9**	**11**	**5.5**
PFOS	**15**	**15**	**15**	**8.1**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	7A	7A	7A	7A
Sampling Event	January 2020	April 2020	May/June 2020	August 2020
Field Sample ID	STW-LOC7A-012920	STW-LOC-7A-4-042820	STW-LOC-7A-2-052120	STW-LOC-7A-4-082620
Date Sampled	1/29/2020	4/28/2020	5/20/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC		--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**7.8**	**13**	**200**	**14**
PFMOAA	**12**	**14**	<5	**5.2**
PFO2HxA	**6**	**10**	**21**	**13**
PFO3OA	<2	**2.3**	**10**	**2.0**
PFO4DA	<2	<2	**12**	<2
PFO5DA	<2	**4.3**	**17**	<2
PMPA	**15**	**25**	**69**	**57**
PEPA	<20	<20	<20	<10
PS Acid	<2	<2	**90**	<2
Hydro-PS Acid	<2	<2	**380**	<2
R-PSDA	**4.7 J**	**9.2 J**	**120 J**	<2
Hydrolyzed PSDA	**6 J**	**5.5 J**	**98 J**	**3.2**
R-PSDCA	<2	<2	**2.2**	<2
NVHOS	<2	**5.1**	**7.6**	**6.5**
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	<2	<2	**19 J**	<2
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**41**	**74**	**810**	**98**
Total Table 3+ Compounds (20 compounds)*	**52**	**88**	**1,000**	**100**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	--	--
DONA	--	--	<2	<2
NaDONA	<2.1	<2.1	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**2**	**3.6**	**4.3**	**4.0**
Perfluorobutanoic Acid	**2.1**	**5.2**	**7**	**4.4**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**3.9**	**4.6**	**5.8**	**3.2**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	--
Perfluorohexane Sulfonic Acid	**2.5**	**4.6**	**4.3**	**4.1**
Perfluorohexanoic Acid	**5**	**9**	**9.2**	**6.8**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**5**	**10**	**14**	**6.7**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**3.9**	**6.4**	**36**	**5.8**
PFOS	**6.8**	**11**	**10**	**10**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	7B	7B	7B	7B
Sampling Event	April 2019	June 2019	June 2019	August 2019
Field Sample ID	DSTW-LOC7B-042419	STW-LOC7B-062719	STW-LOC7B-062719-D	STW-LOC7B-082219
Date Sampled	04/24/2019	06/27/2019	06/27/2019	8/22/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	Field Duplicate	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**21**	**18**	**18**	**42**
PFMOAA	**51 J**	**69**	**65**	**1,100**
PFO2HxA	**26 J**	**25**	**25**	**300**
PFO3OA	**6 J**	**10**	**10**	**100**
PFO4DA	**2.5 J**	**9.7**	**10**	**64**
PFO5DA	<2 UJ	**24**	**26**	**35**
PMPA	**23 J**	**21**	**19**	**45**
PEPA	<20 UJ	<20	<20	<20
PS Acid	<2 UJ	<2	**2.0**	**6.9**
Hydro-PS Acid	**7 J**	**120**	**130**	**180**
R-PSDA	**19 J**	**73 J**	**71 J**	**110 J**
Hydrolyzed PSDA	**53 J**	**490 J**	**470 J**	**1,100 J**
R-PSDCA	<2 UJ	**2.2**	**2.3**	**4.1**
NVHOS	**2.1 J**	**9.2**	**9.8**	**48**
EVE Acid	<2 UJ	<2	<2	<2
Hydro-EVE Acid	<2 UJ	<2	<2	**8.7**
R-EVE	**4 J**	**3.7 J**	<2	**11 J**
PES	<2 UJ	<2	<2	<2
PFECA B	<2 UJ	<2	<2	<2
PFECA-G	<2 UJ	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**140**	**310**	**320**	**1,900**
Total Table 3+ Compounds (20 compounds)*	**210**	**870**	**860**	**3,200**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2.0	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	--	--		<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	**900 J**	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<110	<2	<2	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	--	--		<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<37 UJ	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<35	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**2.3**	**3.4**	**3.7**	**4**
Perfluorobutanoic Acid	**5.2**	**8.9**	**8.7**	**10**
Perfluorodecane Sulfonic Acid	<2.0	<2	<2	<2
Perfluorodecanoic Acid	<2.0	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2.0	<2	<2	<2
Perfluorododecanoic Acid	<2.0	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2.0	<2	<2	<2
Perfluoroheptanoic Acid	**7**	**14**	**15**	**20**
Perfluorohexadecanoic acid (PFHxDA)	<2.0	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3.5**	**5.4**	**5.5**	**5.7**
Perfluorohexanoic Acid	**8.2**	**21**	**21**	**26**
Perfluorononanesulfonic acid	<2.0	<2	<2	<2
Perfluorononanoic Acid	<2.0	<2	<2	<2
Perfluorooctadecanoic acid	<2.0	<2	<2	<2
Perfluorooctane Sulfonamide	<2.0	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2.0	<2	<2	<2
Perfluoropentanoic Acid	**7.2**	**18**	**17**	**27**
Perfluorotetradecanoic Acid	<2.0	<2	<2	<2
Perfluorotridecanoic Acid	<2.0	<2	<2	<2
Perfluoroundecanoic Acid	<2.0	<2	<2	<2
PFOA	**7.9**	**8.9**	**9.3**	**9.6**
PFOS	**14**	**15**	**16**	**14**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	7B	7B	7B	7B
Sampling Event	October 2019	December 2019	January 2020	April 2020
Field Sample ID	STW-LOC7B-101019	STW-LOC-7B-122019	STW-LOC7B-012920	STW-LOC-7B-4-042820
Date Sampled	10/10/2019	12/20/2019	1/29/2020	4/28/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**23**	**29 B**	**19**	**16**
PFMOAA	**24 J**	**25**	**17**	**9.8**
PFO2HxA	**17**	**9.2**	**9.4**	**10**
PFO3OA	**5.7**	**2.1**	**2**	<2
PFO4DA	**4.3**	<2	<2	<2
PFO5DA	**9.8**	<2	<2	**6.3**
PMPA	**35**	**29 B**	**24**	**22**
PEPA	<20	<20	<20	<20
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	**71**	**3.1**	<2	**2.4**
R-PSDA	**22 J**	**6.8 J**	**8.9 J**	**16 J**
Hydrolyzed PSDA	**140 J**	**71 J**	**39 J**	**29 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	**13**	**2.1**	<2	**5.7**
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	**5.5 J**	<2	**3.6 J**	<2
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**200**	**100**	**71**	**72**
Total Table 3+ Compounds (20 compounds)*	**370**	**180**	**120**	**120**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**6.6**	**3**	**2.2**	**3.4**
Perfluorobutanoic Acid	**19**	**4.2**	**2**	**5.1**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**33**	**8.6**	**3.9**	**4.5**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**8.7**	**3.3**	**2.8**	**4.4**
Perfluorohexanoic Acid	**49**	**16**	**6.3**	**8.9**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**46**	**11**	**5.1**	**10**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**11**	**7.1**	**4.6**	**6.3**
PFOS	**14**	**7.6**	**6**	**10**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	7B	7B	7C	7C
Sampling Event	May/June 2020	August 2020	May/June 2020	August 2020
Field Sample ID	STW-LOC-7B-2-052120	STW-LOC-7B-4-082620	STW-LOC-7C-2-052120	STW-LOC-7C-4-082620
Date Sampled	5/20/2020	8/26/2020	5/20/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**200**	**20**	**460**	**24**
PFMOAA	**180**	**41**	**380**	**36**
PFO2HxA	**77**	**27**	**160**	**23**
PFO3OA	**23**	**6.3**	**59**	**5.4**
PFO4DA	**13**	**4.8**	**38**	<2
PFO5DA	**19**	**5.2**	**41**	<2
PMPA	**66**	**56**	**100**	**63**
PEPA	<20	<10	**55**	<10
PS Acid	**85**	<2	**250**	**26**
Hydro-PS Acid	**350**	**7.1**	**390**	**6.6**
R-PSDA	**120 J**	<2	**380 J**	<2
Hydrolyzed PSDA	**170 J**	**70**	**230 J**	110
R-PSDCA	**2.1**	<2	**7.8**	<2
NVHOS	**12**	**8.5**	**30**	**8.0**
EVE Acid	<2	<2	**23**	**14**
Hydro-EVE Acid	<2	<2	**7.2**	**10**
R-EVE	**17 J**	**10**	**37 J**	**11**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**1,000**	**180**	**2,000**	**220**
Total Table 3+ Compounds (20 compounds)*	**1,300**	**260**	**2,600**	**340**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	--	--	--	--
DONA	<2	<2	<2	<2
NaDONA	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**4**	**3.9**	**3.9**	**3.6**
Perfluorobutanoic Acid	**5.1**	**3.8**	**10**	**3.9**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**6.5**	**3.5**	**7.6**	**3.3**
Perfluorohexadecanoic acid (PFHxDA)	<2	--	<2	--
Perfluorohexane Sulfonic Acid	**4.6**	**4.2**	**4.4**	**4.00**
Perfluorohexanoic Acid	**11**	**6.8**	**11**	**6.9**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**15**	**7.4**	**31**	**7.8**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**31**	**6.1**	**36**	**5.9**
PFOS	**11**	**9.9**	**9.8**	**9.8**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	8	8	8	8
Sampling Event	**April 2019**	**June 2019**	**August 2019**	**October 2019**
Field Sample ID	**DSTW-LOC8-042419**	**STW-LOC8-062819**	**STW-LOC8-082219**	**STW-LOC8-101019**
Date Sampled	**04/24/2019**	**06/28/2019**	**8/22/2019**	**10/10/2019**
Analytical Laboratory	**TestAmerica**	**TestAmerica**	**TestAmerica**	**TestAmerica**
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**120**	**100**	**460**	**120**
PFMOAA	**1,200 J**	<21	**20,000**	**240 J**
PFO2HxA	**480**	**360**	**4,900**	**95 J**
PFO3OA	**150**	**200**	**1,700**	**48**
PFO4DA	<79	**210**	**1,000**	**48**
PFO5DA	**51**	**520**	**480**	**85 J**
PMPA	<570	<57	**160**	**38**
PEPA	<47	**34**	**72**	**28**
PS Acid	<27	**37**	**58**	**9.9**
Hydro-PS Acid	**240**	**2,600**	**1,700**	**550**
R-PSDA	<160	**760 J**	**340 J**	**37 J**
Hydrolyzed PSDA	**690 J**	**3,500 J**	**4,600 J**	**600 J**
R-PSDCA	<15	**49**	**43**	**12**
NVHOS	<54	**190**	**530**	**54**
EVE Acid	<24	<2.4	<4.9	<2
Hydro-EVE Acid	<28	**18**	**140**	**9.2**
R-EVE	<70	**29 J**	**39 J**	**7 J**
PES	<46	<4.6	<9.2	<2
PFECA B	<60	<6	<12	<2
PFECA-G	<41	<4.1	<8.2	<2
Total Table 3+ Compounds (17 compounds)*	**2,200**	**4,300**	**31,000**	**1,300**
Total Table 3+ Compounds (20 compounds)*	**2,900**	**8,600**	**36,000**	**2,000**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2.0	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	--	--	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<60	<6	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<110	<11	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	--	--	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<37	<3.7	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<35	<3.5	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**2.4**	**4.3**	**4.5**	**5.2**
Perfluorobutanoic Acid	**5.7**	**18**	**24**	**26**
Perfluorodecane Sulfonic Acid	<2.0	<2	<2	<2
Perfluorodecanoic Acid	<2.0	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2.0	<2	<2	<2
Perfluorododecanoic Acid	<2.0	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2.0	<2	<2	<2
Perfluoroheptanoic Acid	**3.7**	**16**	**22**	**26**
Perfluorohexadecanoic acid (PFHxDA)	<2.0	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3.1**	**4.7**	**4.6**	**4.5**
Perfluorohexanoic Acid	**4.9**	**25**	**31**	**40**
Perfluorononanesulfonic acid	<2.0	<2	<2	<2
Perfluorononanoic Acid	<2.0	**4.8**	**3.2**	<2
Perfluorooctadecanoic acid	<2.0	<2	<2	<2
Perfluorooctane Sulfonamide	<2.0	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2.0	<2	<2	<2
Perfluoropentanoic Acid	**4.2**	**22**	**39**	**43**
Perfluorotetradecanoic Acid	<2.0	<2	<2	<2
Perfluorotridecanoic Acid	<2.0	<2	<2	<2
Perfluoroundecanoic Acid	<2.0	<2	<2	<2
PFOA	**8.2**	**12**	**16**	**9.1**
PFOS	<2.0	**2.9**	**2.7**	**2.2**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	8	8	8	8
Sampling Event	December 2019	January 2020	April 2020	May 2020
Field Sample ID	STW-LOC-8-122319	STW-LOC8-013120	STW-LOC-8-4-042820	STW-LOC-8-2-052120
Date Sampled	12/23/2019	1/31/2020	4/28/2020	5/20/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**500**	**210**	**200**	**350**
PFMOAA	**220**	**280**	**88**	**9,400**
PFO2HxA	**73**	**100**	**54**	**2,700**
PFO3OA	**16**	<58	**14**	**720**
PFO4DA	**13 J**	<79	**17**	**120**
PFO5DA	**14**	**76**	**36**	**78**
PMPA	**130**	**1,000**	**60**	**140**
PEPA	**91**	<47	<20	**57**
PS Acid	**12**	**29**	**8.1**	**24**
Hydro-PS Acid	**61**	**200 J**	**69**	**210**
R-PSDA	**26 J**	<160	**21 J**	**84 J**
Hydrolyzed PSDA	**620 J**	**280 J**	**340 J**	**560 J**
R-PSDCA	<2	<15	<2	**5**
NVHOS	**16**	<54	**12**	**170**
EVE Acid	<2	<24	<2	<2
Hydro-EVE Acid	**2.8**	<28	**3.1**	**19**
R-EVE	**7.8 J**	<70	**3.5 J**	<3.5
PES	<2	<46	<2	<2.3
PFECA B	<2	<60	<2	<3
PFECA-G	<2	<41	<2	<2
Total Table 3+ Compounds (17 compounds)*	**1,100**	**1,900**	**560**	**14,000**
Total Table 3+ Compounds (20 compounds)*	**1,800**	**2,200**	**930**	**15,000**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	--
DONA	--	--	--	<2
NaDONA	<2.1	<2.1	<2.1	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.1**	**2.7**	**5**	**5.2**
Perfluorobutanoic Acid	**12**	**3.5**	**8.8**	**8.8**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**11**	**6.7**	**7.3**	**9.7**
Perfluorohexadecanoic acid (PFHxDA)	<2 UJ	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2	<2	**2.4**	**3.8**
Perfluorohexanoic Acid	**17**	**11**	**14**	**14**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2 UJ	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**21**	**13**	**16**	**23**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**28**	**16**	**9.6**	**13**
PFOS	<2	<2	<2	<2

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	8	8	9	9
Sampling Event	June 2020	August 2020	April 2019	June 2019
Field Sample ID	STW-LOC8-4-060520	STW-LOC-8-4-082620	DSTW-LOC9-042419	STW-LOC9-062819
Date Sampled	6/3/2020	8/26/2020	04/24/2019	06/28/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**240 J**	**96**	**29**	**77**
PFMOAA	**260 J**	**470**	**8.8 J**	<21
PFO2HxA	**98 J**	**200**	**17 J**	**20**
PFO3OA	**34 J**	**50**	**4.5 J**	**5.9**
PFO4DA	**19 J**	**17**	**3.6 J**	<7.9
PFO5DA	**26 J**	**17**	<2 UJ	<3.4
PMPA	**71 J**	**52**	**25 J**	<57
PEPA	**39 J**	**15**	<20 UJ	<20
PS Acid	**13 J**	<2	**28 J**	**2,300**
Hydro-PS Acid	**140 J**	**77**	**3.4 J**	**120**
R-PSDA	**120 J**	**18**	**50 J**	**110 J**
Hydrolyzed PSDA	**640 J**	**200**	**83 J**	**190 J**
R-PSDCA	**4.1 J**	**2.1**	<2 UJ	<2
NVHOS	**25 J**	**30**	**2.8 J**	**61**
EVE Acid	<2 UJ	**5.8**	**11 J**	**57**
Hydro-EVE Acid	**4.2 J**	**6.1**	<2 UJ	**6.7**
R-EVE	**3.2 J**	**17**	**7.5 J**	**53 J**
PES	<2 UJ	<2	<2 UJ	<4.6
PFECA B	<2 UJ	<2	**2.8 J**	<6
PFECA-G	<2 UJ	<2	<2 UJ	<4.1
Total Table 3+ Compounds (17 compounds)*	**970**	**1,000**	**140**	**2,600**
Total Table 3+ Compounds (20 compounds)*	**1,700**	**1,300**	**280**	**3,000**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2.0	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<60	<6
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<110	<11
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	--	--
ADONA	--	--	<2.1	<2.1
DONA	<2	<2	--	--
NaDONA	--	--	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<37	<3.7
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<35	<3.5
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**5**	**4.2**	**2.2**	**3.7**
Perfluorobutanoic Acid	**5.9**	**5.8**	**6.9**	**9.2**
Perfluorodecane Sulfonic Acid	<2	<2	<2.0	<2
Perfluorodecanoic Acid	<2	<2	<2.0	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2.0	<2
Perfluorododecanoic Acid	<2	<2	<2.0	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2.0	<2
Perfluoroheptanoic Acid	**5.4**	**4.6**	**7.5**	**13**
Perfluorohexadecanoic acid (PFHxDA)	<2	--	<2.0	<2
Perfluorohexane Sulfonic Acid	**4.1**	**2.7**	**3.3**	**5.5**
Perfluorohexanoic Acid	**7.6**	**8.4**	**9**	**21**
Perfluorononanesulfonic acid	<2	<2	<2.0	<2
Perfluorononanoic Acid	<2	<2	<2.0	**2**
Perfluorooctadecanoic acid	<2	<2	<2.0	<2
Perfluorooctane Sulfonamide	<2	<2	<2.0	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2.0	<2
Perfluoropentanoic Acid	**12**	**17**	**8.6**	**19**
Perfluorotetradecanoic Acid	<2	<2	<2.0	<2
Perfluorotridecanoic Acid	<2	<2	<2.0	<2
Perfluoroundecanoic Acid	<2	<2	<2.0	<2
PFOA	**12**	**9.4**	**8.9**	**9.3**
PFOS	**2**	<2	**14**	**15**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	9	9	9	9
Sampling Event	August 2019	October 2019	December 2019	January 2020
Field Sample ID	STW-LOC9-082219	STW-LOC9-101019	STW-LOC-9-122019	STW-LOC9-012920
Date Sampled	8/22/2019	10/10/2019	12/20/2019	1/29/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**55**	**2,400**	**28 B**	**59**
PFMOAA	**25 J**	**38 J**	**14**	**14**
PFO2HxA	**28**	**500**	**14**	**14**
PFO3OA	**5.9**	**160**	**5**	**4.1**
PFO4DA	**2.3**	**45**	**3.8 J**	**3.6**
PFO5DA	<2	**26**	**3.2**	**4.1**
PMPA	**48**	**110**	**27 B**	**18**
PEPA	<20	**27**	<20	<20
PS Acid	**86**	**170**	**6.6**	**160 J**
Hydro-PS Acid	**8**	**50**	<2	**8.7**
R-PSDA	**81 J**	**300 J**	**8.3 J**	**80 J**
Hydrolyzed PSDA	**160 J**	**1,500 J**	**49 J**	**150 J**
R-PSDCA	<2	**7.6**	<2	<2
NVHOS	**11**	**63**	<2	**3.1**
EVE Acid	**19**	**110**	**3.7**	**10**
Hydro-EVE Acid	**2.1**	**34**	<2	**2.6**
R-EVE	**17 J**	**91 J**	**3.5 J**	**10 J**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**290**	**3,700**	**110**	**300**
Total Table 3+ Compounds (20 compounds)*	**550**	**5,600**	**170**	**540**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	**41**	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**4.1**	**6.3**	**3.1**	**2.1**
Perfluorobutanoic Acid	**9.1**	**54**	**4.5**	**3.2**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**19**	**38**	**9.7**	**4.8**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**6.1**	**9.2**	**3.3**	**2.8**
Perfluorohexanoic Acid	**26**	**55**	**16**	**6**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	**3**	<2 UJ	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**27**	**94**	**12**	**9.8**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2 UJ	**2.2**
Perfluoroundecanoic Acid	<2	<2	<2 UJ	<2
PFOA	**8.9**	**12**	**6.7**	**4.3**
PFOS	**15**	**16**	**7.8**	**6.2**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	9	9	9	10
Sampling Event	April 2020	May/June 2020	August 2020	April 2019
Field Sample ID	STW-LOC-9-4-042820	STW-LOC-9-2-052120	STW-LOC-9-4-082620	DSTW-LOC10-042419
Date Sampled	4/28/2020	5/20/2020	8/26/2020	4/24/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**25**	**3,200**	**51**	**320**
PFMOAA	**11**	**390**	**5.7**	**58 J**
PFO2HxA	**13**	**1,700**	**15**	**88 J**
PFO3OA	**2.9**	**760**	**3.8**	**24 J**
PFO4DA	<2	**430**	<2	**20 J**
PFO5DA	**4**	**590**	<2	**9.1 J**
PMPA	**25**	**1,000**	**40**	**260 J**
PEPA	<20	**630**	<10	**97 J**
PS Acid	**49**	**2,000**	**100**	**78 J**
Hydro-PS Acid	**2.3**	**400**	**8.9**	**19 J**
R-PSDA	**21 J**	**2,600 J**	**58**	**190 J**
Hydrolyzed PSDA	**85 J**	**970 J**	**320**	**280 J**
R-PSDCA	<2	**65**	<2	<2 UJ
NVHOS	**10**	**200**	**3.2**	**14 J**
EVE Acid	**3.3**	**330**	**71**	**8.5 J**
Hydro-EVE Acid	<2	**81**	**55**	**8.5 J**
R-EVE	<2	**240 J**	**19**	**150 J**
PES	<2	<2.3	<2	<2 UJ
PFECA B	<2	<3	<2	<2 UJ
PFECA-G	<2	<2	<2	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**150**	**12,000**	**350**	**1,000**
Total Table 3+ Compounds (20 compounds)*	**250**	**16,000**	**750**	**1,600**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2.0
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<60
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<110
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	--
ADONA	<2.1	--	--	<2.1
DONA	--	<2	<2	--
NaDONA	<2.1	--	--	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<37
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<35
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.8**	**3.1**	**4.3**	**2.1**
Perfluorobutanoic Acid	**6**	**57**	**6.2**	**10**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2.0
Perfluorodecanoic Acid	<2	**2**	<2	<2.0
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2.0
Perfluorododecanoic Acid	<2	<2	<2	<2.0
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2.0
Perfluoroheptanoic Acid	**4.6**	**36**	**4.2**	**8.4**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	--	<2.0
Perfluorohexane Sulfonic Acid	**4.7**	**3.9**	**4.5**	**3.5**
Perfluorohexanoic Acid	**9.8**	**15**	**7.0**	**9.3**
Perfluorononanesulfonic acid	<2	<2	<2	<2.0
Perfluorononanoic Acid	<2	**8.8**	<2	<2.0
Perfluorooctadecanoic acid	<2	<2	<2	<2.0
Perfluorooctane Sulfonamide	<2	<2	<2	<2.0
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2.0
Perfluoropentanoic Acid	**12**	**220**	**13**	**17**
Perfluorotetradecanoic Acid	<2	<2	<2	<2.0
Perfluorotridecanoic Acid	<2	<2	<2	<2.0
Perfluoroundecanoic Acid	<2	**3.2**	<2	<2.0
PFOA	**6.4**	**55**	**6.2**	**10**
PFOS	**12**	**10**	**12**	**12**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	10	10	10	10
Sampling Event	August 2019	October 2019	December 2019	January 2020
Field Sample ID	STW-LOC10-082219	STW-LOC10-101019	STW-LOC-10-122019	STW-LOC10-012920
Date Sampled	8/22/2019	10/10/2019	12/20/2019	1/29/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**1,700**	**15,000**	**230**	**8,300**
PFMOAA	**490 J**	**1,700**	**34**	**22,000**
PFO2HxA	**250**	**7,400**	**32**	**23,000**
PFO3OA	**88**	**3,300**	**12**	**870**
PFO4DA	**87**	**2,100**	**11 J**	**750**
PFO5DA	**42**	**1,900**	**9.2**	**340**
PMPA	**180**	**1,300**	**58**	**810**
PEPA	**63**	**590**	**23**	**420**
PS Acid	**380**	**23,000**	**40**	**650**
Hydro-PS Acid	**510**	**3,000**	**8.8**	**300**
R-PSDA	**870 J**	**1,200 J**	**35 J**	**280 J**
Hydrolyzed PSDA	**730 J**	**3,400 J**	**100 J**	**380 J**
R-PSDCA	**23**	**78**	<2	**11**
NVHOS	**460**	**270**	**7**	**180**
EVE Acid	**62**	**680**	**8.5**	**110**
Hydro-EVE Acid	**72**	**930**	**4**	**140**
R-EVE	**280 J**	**570 J**	**38 J**	**170 J**
PES	<2	<9.2	<2	<9.2
PFECA B	<2	<12	<2	<12
PFECA-G	<2	<8.2	<2	<8.2
Total Table 3+ Compounds (17 compounds)*	**4,400**	**61,000**	**480**	**58,000**
Total Table 3+ Compounds (20 compounds)*	**6,300**	**66,000**	**650**	**59,000**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	**2.1**	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**4.4**	<2	**3.1**	<2
Perfluorobutanoic Acid	**23**	**170**	**5.4**	**56**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	**14**	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	**2.4**	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**23**	**33**	**8.8**	**17**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**6**	<2	**3.3**	<2
Perfluorohexanoic Acid	**29**	**41**	**15**	**19**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**2.5**	**22**	<2	**3.9**
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**47**	**200**	**12**	**85**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	**14**	<2	<2
PFOA	**48**	**26**	**6.6**	**17**
PFOS	**15**	**9**	**8.3**	**3.9**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	10	10A	10A	11
Sampling Event	May/June 2020	May/June 2020	August 2020	May/June 2020
Field Sample ID	STW-LOC-10-2-052120	STW-LOC-10A-2-052120	STW-LOC-10A-4-082620	STW-LOC-11-1-052120
Date Sampled	5/20/2020	5/20/2020	8/26/2020	5/20/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**1,700**	**2,600**	**56**	**320**
PFMOAA	**5,300**	**13,000**	<4	**46**
PFO2HxA	**630**	**1,100**	**15**	**580**
PFO3OA	**440**	**580**	**2.4**	**16**
PFO4DA	**340**	**450**	<3	**24**
PFO5DA	**560**	**510**	<3.9	**47**
PMPA	<280	<570	<31	**120**
PEPA	**120**	**300**	<10	**47**
PS Acid	**230**	**1,100**	**160**	**11**
Hydro-PS Acid	**150**	**410**	**12**	**20**
R-PSDA	**480 J**	**1,800 J**	**34**	**230 J**
Hydrolyzed PSDA	**170 J**	**700 J**	**340**	**38 J**
R-PSDCA	**11**	**44**	<2	<2
NVHOS	**210**	**540**	**2.6**	**7.3**
EVE Acid	**25**	**140**	**72**	<2
Hydro-EVE Acid	**44**	**89**	**49**	**8.7**
R-EVE	**160 J**	**330 J**	**9.9**	**83 J**
PES	<23	<46	<2	<2
PFECA B	<30	<60	<2	<2
PFECA-G	<20	<41	<2.4	<2
Total Table 3+ Compounds (17 compounds)*	**9,800**	**21,000**	**370**	**1,200**
Total Table 3+ Compounds (20 compounds)*	**11,000**	**24,000**	**750**	**1,600**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	--	--	--	--
DONA	<2	<2	<2	<2
NaDONA	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	**4.3**	<2
Perfluorobutanoic Acid	**62**	**78**	**6.4**	**11**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	**2.8**
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**7.1**	**18**	**3.8**	**6.5**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	--	<2
Perfluorohexane Sulfonic Acid	<2	<2	**4.2**	**5.6**
Perfluorohexanoic Acid	**11**	**17**	**7.4**	**4.8**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**2.8**	**5.4**	<2	**4.8**
Perfluorooctadecanoic acid	<2	<2	<2 UJ	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**37**	**120**	**12**	**17**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	**2.2**	<2	<2
PFOA	**5.1**	**14**	**6.3**	**12**
PFOS	<2	**3.5**	**12**	**63**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	12	12	12	12
Sampling Event	August 2019	December 2019	May/June 2020	August 2020
Field Sample ID	STW-LOC12-082219	STW-LOC-12-122019	STW-LOC-12-2-052120	STW-LOC-12-4-082620
Date Sampled	8/22/2019	12/20/2019	5/20/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**17**	**15 B**	**77**	**21**
PFMOAA	<5	**20**	<5	**12 J**
PFO2HxA	**14**	**14**	**44**	**21**
PFO3OA	**2.6**	**2.4**	**4.6**	**3.6**
PFO4DA	<2	<2	**2.6**	<2
PFO5DA	<2	**3**	**5.7**	<2
PMPA	**26**	**50 B**	**83**	**52**
PEPA	<20	<20	<20	<10
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	**9**	<2
R-PSDA	**9.2 J**	<2	**53 J**	**23 J**
Hydrolyzed PSDA	**3 J**	**15 J**	**6.9 J**	**4.1 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	**4.9**	**2.4**	**4.2**	**11 J**
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	**3.5 J**	<2	**6.3 J**	**7.4 J**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**65**	**110**	**230**	**120**
Total Table 3+ Compounds (20 compounds)*	**80**	**120**	**300**	**160**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	--	--
DONA	--	--	<2	<2
NaDONA	<2.1	<2.1	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**6.5**	**4.5**	**4.3**	**6.9**
Perfluorobutanoic Acid	**15**	**6.8**	**6.3**	**8.3**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	**2**	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**33**	**11**	**7.8**	**6.3**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	--
Perfluorohexane Sulfonic Acid	**8.5**	**5.5**	**5.9**	**6.5**
Perfluorohexanoic Acid	**37**	**19**	**13**	**12**
Perfluorononanesulfonic acid	<2	<2	<2	<2 UJ
Perfluorononanoic Acid	**2.9**	<2	<2	**2.1**
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**37**	**14**	**15**	**14**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2 UJ
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**16**	**6.9**	**9.6**	**11**
PFOS	**22**	**15**	**13**	**19**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	12	13	14	14
Sampling Event	August 2020	May/June 2020	April 2019	June 2019
Field Sample ID	STW-LOC-12-4-082620	STW-LOC-10A-2-052120	DSTW-LOC14-042419	STW-LOC14-062819
Date Sampled	8/26/2020	5/20/2020	04/24/2019	06/28/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	Field Duplicate	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**20**	**640**	**12**	**22**
PFMOAA	**12**	**50**	**67 J**	<5
PFO2HxA	**22**	**53**	**10 J**	**15**
PFO3OA	**3.9**	**22**	**2.1 J**	**2.5**
PFO4DA	<2	**24**	<2 UJ	<2
PFO5DA	<2	**23**	<2 UJ	<2
PMPA	**52**	**190**	**15 J**	**22**
PEPA	<10	**84**	<20 UJ	<20
PS Acid	<2	**170**	<2 UJ	<2
Hydro-PS Acid	<2	**33**	<2 UJ	<2
R-PSDA	<2 UJ	**120 J**	**5.7 J**	<2
Hydrolyzed PSDA	**4.0**	**190 J**	**2.3 J**	**2.1 J**
R-PSDCA	<2	<2	<2 UJ	<2
NVHOS	<2 UJ	**9.5**	<2 UJ	<2
EVE Acid	<2	**7**	<2 UJ	<2
Hydro-EVE Acid	<2	**7**	<2 UJ	<2
R-EVE	<2 UJ	**57 J**	**3.2 J**	<2
PES	<2	<2	<2 UJ	<2
PFECA B	<2	<2	<2 UJ	<2
PFECA-G	<2	<2	<2 UJ	<2
Total Table 3+ Compounds (17 compounds)*	**120**	**1,300**	**110**	**62**
Total Table 3+ Compounds (20 compounds)*	**160**	**1,700**	**120**	**64**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2.0	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<60	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<110	<2
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	--	--
ADONA	--	--	<2.1	<2.1
DONA	<2	<2	--	--
NaDONA	--	--	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<37	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<35	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**6.5**	<2	<2.0	**5.7**
Perfluorobutanoic Acid	**8.1**	**13**	**4.7**	**13**
Perfluorodecane Sulfonic Acid	<2	<2	<2.0	<2
Perfluorodecanoic Acid	<2	<2	<2.0	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2.0	<2
Perfluorododecanoic Acid	<2	<2	<2.0	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2.0	<2
Perfluoroheptanoic Acid	**6.1**	**7.6**	**3.1**	**24**
Perfluorohexadecanoic acid (PFHxDA)	--	<2	<2.0	<2
Perfluorohexane Sulfonic Acid	**6.2**	<2	**3**	**7.9**
Perfluorohexanoic Acid	**12**	**3.7**	**4.4**	**36**
Perfluorononanesulfonic acid	<2	<2	<2.0	<2
Perfluorononanoic Acid	**2.0**	**3**	<2.0	**2.3**
Perfluorooctadecanoic acid	<2	<2	<2.0	<2
Perfluorooctane Sulfonamide	<2	<2	<2.0	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2.0	<2
Perfluoropentanoic Acid	**14**	**45**	**3.8**	**28**
Perfluorotetradecanoic Acid	<2	<2	<2.0	<2
Perfluorotridecanoic Acid	<2	<2	<2.0	<2
Perfluoroundecanoic Acid	<2	<2	<2.0	<2
PFOA	**10**	**9.9**	**5.8**	**14**
PFOS	**18**	**2.2**	**11**	**22**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	14	14	14	14
Sampling Event	August 2019	October 2019	December 2019	April 2020
Field Sample ID	STW-LOC14-082219	STW-LOC14-101019	STW-LOC-14-122019	STW-LOC-14-4-042820
Date Sampled	8/22/2019	10/10/2019	12/20/2019	4/28/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**14**	**15**	**21 B**	**39**
PFMOAA	<5	<5 UJ	**19**	**25**
PFO2HxA	**14**	**6.7**	**13**	**21**
PFO3OA	<2	<2	<2	**4.4**
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2 UJ	<2	**5.4**
PMPA	**33**	**23**	**68**	**34**
PEPA	<20	<20	**25**	<20
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	**2.1**
R-PSDA	**5 J**	**2.4 J**	<2	**8.6 J**
Hydrolyzed PSDA	<2	<2	**9.3 J**	**17 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	**3.8**	**6**	<2	**4.7**
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
Total Table 3+ Compounds (17 compounds)*	**65**	**51**	**150**	**140**
Total Table 3+ Compounds (20 compounds)*	**70**	**53**	**160**	**160**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	**39 J**	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**4.2**	**9.6**	**4.5**	**3.5**
Perfluorobutanoic Acid	**10**	**27**	**6.8**	**5.3**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**21**	**50**	**11**	**4.7**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**6.1**	**13**	**5.1**	**4.7**
Perfluorohexanoic Acid	**27**	**72**	**20**	**8.7**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	**2.2**	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	**2.1**	<2	<2
Perfluoropentanoic Acid	**27**	**67**	**14**	**9.9**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**10**	**15**	**7.5**	**6.4**
PFOS	**15**	**20**	**11**	**12**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	14	14	15	15
Sampling Event	May/June 2020	August 2020	April 2019	June 2019
Field Sample ID	STW-LOC-14-1.33-052120	STW-LOC-14-4-082620	DSTW-LOC15-042419	STW-LOC15-062819
Date Sampled	5/20/2020	8/26/2020	04/24/2019	06/28/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**120**	**19**	**34**	**45**
PFMOAA	<5	**8.7**	**8.4 J**	**12**
PFO2HxA	**15**	**17**	**17 J**	**16**
PFO3OA	**3.9**	**2.5**	**4 J**	**3.2**
PFO4DA	<2	<2	**3.2 J**	<2
PFO5DA	<2	<2	<2 UJ	<2
PMPA	**57**	**51**	**35 J**	**25**
PEPA	<20	<10	<20 UJ	<20
PS Acid	**3.1**	<2	**22 J**	**880**
Hydro-PS Acid	**3.3**	<2	**4.3 J**	**41**
R-PSDA	**21 J**	<2	**42 J**	**80 J**
Hydrolyzed PSDA	**6.8 J**	**3.2**	**71 J**	**250 J**
R-PSDCA	<2	<2	<2 UJ	<2
NVHOS	**3.8**	**8.9**	**3 J**	**23**
EVE Acid	<2	<2	**9.5 J**	**22**
Hydro-EVE Acid	<2	<2	<2 UJ	**3.6**
R-EVE	**9.9 J**	<2	**10 J**	**33 J**
PES	<2	<2	<2 UJ	<2
PFECA B	<2	<2	<2 UJ	<2
PFECA-G	<2	<2	<2 UJ	<2
Total Table 3+ Compounds (17 compounds)*	**210**	**#REF!**	**140**	**1,100**
Total Table 3+ Compounds (20 compounds)*	**240**	**#REF!**	**260**	**1,400**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2.0	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<60	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<110	<2
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	--	--
ADONA	--	--	<2.1	<2.1
DONA	<2	<2	--	--
NaDONA	--	--	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<37	**3.1**
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<35	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.1**	**6.1**	**2.3**	**3.7**
Perfluorobutanoic Acid	**5.9**	**7.8**	**6.5**	**9.4**
Perfluorodecane Sulfonic Acid	<2	<2	<2.0	<2
Perfluorodecanoic Acid	<2	<2	<2.0	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2.0	<2
Perfluorododecanoic Acid	<2	<2	<2.0	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2.0	<2
Perfluoroheptanoic Acid	**5.5**	**5.8**	**7.5**	**14**
Perfluorohexadecanoic acid (PFHxDA)	<2	--	<2.0	<2
Perfluorohexane Sulfonic Acid	**4.1**	**6.2**	**3.5**	**5.7**
Perfluorohexanoic Acid	**9.5**	**11**	**7.9**	**22**
Perfluorononanesulfonic acid	<2	<2	<2.0	<2
Perfluorononanoic Acid	<2	<2	<2.0	<2
Perfluorooctadecanoic acid	<2	<2	<2.0	<2
Perfluorooctane Sulfonamide	<2	<2	<2.0	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2.0	<2
Perfluoropentanoic Acid	**12**	**12**	**8.2**	**18**
Perfluorotetradecanoic Acid	<2	<2	<2.0	<2
Perfluorotridecanoic Acid	<2	<2	<2.0	<2
Perfluoroundecanoic Acid	<2	<2	<2.0	<2
PFOA	**15**	**10**	**8.5**	**9.5**
PFOS	**9.3**	**17**	**14**	**15**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	15	15	15	15
Sampling Event	August 2019	October 2019	December 2019	January 2020
Field Sample ID	STW-LOC15-082219	STW-LOC15-101019	STW-LOC-15-122019	STW-LOC15-012920
Date Sampled	8/22/2019	10/10/2019	12/20/2019	1/29/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**43**	**140**	**35**	**85**
PFMOAA	**12**	<5 UJ	**15**	**120**
PFO2HxA	**22**	**32**	**13**	**140**
PFO3OA	**5.3**	**16**	**5**	**8.2**
PFO4DA	**2.2**	**16**	**3.9**	**6.5**
PFO5DA	<2	**15**	**3.1**	**5.3**
PMPA	**38**	**45**	**31 B**	**23**
PEPA	<20	<20	<20	<20
PS Acid	**92**	**150**	**24**	**100**
Hydro-PS Acid	**8.2**	**28**	**2.2**	**8.5**
R-PSDA	**63 J**	**250 J**	**11 J**	**120 J**
Hydrolyzed PSDA	**140 J**	**1,700 J**	**58 J**	**360 J**
R-PSDCA	<2	**3.6**	<2	<2
NVHOS	**12**	**35**	**2**	**5.4**
EVE Acid	**22**	**62**	**4.3**	**7.9**
Hydro-EVE Acid	**2.1**	**21**	<2	**2.7**
R-EVE	**15 J**	**71 J**	**4.7 J**	**22 J**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**260**	**560**	**140**	**510**
Total Table 3+ Compounds (20 compounds)*	**480**	**2,600**	**210**	**1,000**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**4.1**	**6.5**	**3**	**2.2**
Perfluorobutanoic Acid	**9.2**	**22**	<2	**2.4**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**20**	**37**	**8.7**	**4.7**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**5.9**	**8.9**	**3.4**	**2.6**
Perfluorohexanoic Acid	**26**	**51**	**14**	**5.5**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	**2.4**	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**28**	**68**	**10**	**10**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**9.4**	**11**	**4.8**	**4**
PFOS	**16**	**16**	**8.2**	**6.2**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	15	15	15	15
Sampling Event	April 2020	May/June 2020	May/June 2020	August 2020
Field Sample ID	STW-LOC-15-4-042820	STW-LOC-15-2-052120	STW-LOC-15-2-052120-D	STW-LOC-15-4-082620
Date Sampled	4/28/2020	5/20/2020	5/20/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	Field Duplicate	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**36**	**3,000**	**3,000**	**51**
PFMOAA	**14**	**2,700**	**2,700**	<2
PFO2HxA	**14**	**1,100**	**1,100**	**7.3**
PFO3OA	**3.8**	**420**	**470**	<2
PFO4DA	**2.6**	**300**	**230**	<2
PFO5DA	**6.1**	**300**	**310**	<2
PMPA	**27**	**680**	**680**	<20
PEPA	<20	**460**	**460**	<10
PS Acid	**140**	**2,200**	**2,400**	**51**
Hydro-PS Acid	**7**	**400**	**420**	**3.8**
R-PSDA	**47 J**	**2,800 J**	**2,900 J**	**15**
Hydrolyzed PSDA	**330 J**	**1,100 J**	**1,200 J**	**150**
R-PSDCA	<2	**77**	**81**	<2
NVHOS	**11**	**250**	**250**	<2
EVE Acid	**4.1**	**410**	**410**	**27**
Hydro-EVE Acid	<2	**77**	**75**	**18**
R-EVE	**6.3 J**	**260 J**	**270 J**	**3.4**
PES	<2	<4.6	<4.6	<2
PFECA B	<2	<6	<6	<2
PFECA-G	<2	<4.1	<4.1	<2
Total Table 3+ Compounds (17 compounds)*	**270**	**12,000**	**13,000**	**160**
Total Table 3+ Compounds (20 compounds)*	**650**	**17,000**	**17,000**	**330**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	--	--	--
DONA	--	<2	<2	<2
NaDONA	<2.1	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.7**	**2.5**	**2.8**	**4.2**
Perfluorobutanoic Acid	**7.9**	**53**	**57**	**6.8**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	**2**	**2**	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**5**	**32**	**36**	**4.1**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	--
Perfluorohexane Sulfonic Acid	**4.6**	**3.1**	**3.3**	**4.3**
Perfluorohexanoic Acid	**9.3**	**14**	**15**	**7.6**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	**6**	**6.4**	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**12**	**240**	**260**	**13**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	**2.1**	**2.7**	<2
PFOA	**6.1**	**26**	**28**	**6.4**
PFOS	**11**	**8**	**8.9**	**12**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	18	18	18	18
Sampling Event	June 2019	August 2019	August 2019	August 2019
Field Sample ID	STW-LOC-18-062719	STW-LOC18-082119-1	STW-LOC18-082119-2	STW-LOC18-082119-3
Date Sampled	06/27/2019	8/21/2019	8/21/2019	8/21/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**4.1**	**7.1**	**11**	**7.6**
PFMOAA	<5 UJ	<5	<5	<5
PFO2HxA	**2.4 J**	**2.2**	**4.4**	**3.8**
PFO3OA	<2 UJ	<2	<2	<2
PFO4DA	<2 UJ	<2	<2	<2
PFO5DA	<2 UJ	<2	<2	<2
PMPA	<10 UJ	<10 UJ	**18**	**21**
PEPA	<20 UJ	<20	<20	<20
PS Acid	<2 UJ	<2	**2**	<2
Hydro-PS Acid	<2 UJ	<2	<2	<2
R-PSDA	<2 UJ	**3.5 J**	**4.1 J**	**2.3 J**
Hydrolyzed PSDA	<2 UJ	<2	<2	<2
R-PSDCA	<2 UJ	<2	<2	<2
NVHOS	<2 UJ	<2 UJ	<2	**4.4**
EVE Acid	<2 UJ	<2	<2	<2
Hydro-EVE Acid	<2 UJ	<2	<2	<2
R-EVE	<2 UJ	<2	**2.1 J**	**3.2 J**
PES	<2 UJ	<2	<2	<2
PFECA B	<2 UJ	<2	<2	<2
PFECA-G	<2 UJ	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**6.5**	**9.3**	**35**	**37**
Total Table 3+ Compounds (20 compounds)*	**6.5**	**13**	**42**	**42**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	--	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<60	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<110	<4 UJ	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	--	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<37	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<35	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2	<2
Perfluorobutanoic Acid	<3.3	**14 J**	**7.1 J**	**7.9**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	**2**
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**2.4**	**5.1**	**9.2**	**8.9**
Perfluorohexadecanoic acid (PFHxDA)	<2 UJ	<2 UJ	<2 UJ	<2 UJ
Perfluorohexane Sulfonic Acid	<2	<2	**2.6**	**2.5**
Perfluorohexanoic Acid	**3.5**	**5.2**	**11**	**12**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2 UJ	<2 UJ	<2 UJ	<2 UJ
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**3.6**	**3.7 J**	**11**	**11**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	<2	**2.8**	**5.4**	**5.1**
PFOS	<2	<2	**6.4**	**7.6**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	18	18	18	18
Sampling Event	August 2019	October 2019	December 2019	January 2020
Field Sample ID	STW-LOC18-082119-4	STW-LOC18-100919	STW-LOC-18-122019	STW-LOC18-012920
Date Sampled	8/21/2019	10/9/2019	12/20/2019	1/29/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**120**	**16**	**12 B**	**6 J**
PFMOAA	<5	<5 UJ	<5	<5
PFO2HxA	**20**	**5.5 J**	**3.9 J**	**3.7 J**
PFO3OA	**5.1**	<2	<2	<2
PFO4DA	**3.2**	<2	<2	<2
PFO5DA	<2	<2 UJ	<2	<2 UJ
PMPA	**64 J**	<10 UJ	**19 B**	<10 UJ
PEPA	**26**	<20	<20	<20 UJ
PS Acid	**5**	<2	<2	<2
Hydro-PS Acid	**6.4**	<2	<2	<2
R-PSDA	**53 J**	**13 J**	**7.7 J**	<2
Hydrolyzed PSDA	**22 J**	<2	**6.2 J**	<2
R-PSDCA	<2	<2	<2	<2
NVHOS	**6.4**	<2 UJ	<2 UJ	<2 UJ
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	**2.3**	<2	<2	<2
R-EVE	**26 J**	**2.4 J**	**5.2 J**	<2
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**260**	**22**	**35**	**9.7**
Total Table 3+ Compounds (20 compounds)*	**360**	**37**	**54**	**9.7**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<49	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4 UJ	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1 UJ
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1 UJ
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2 UJ	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2	<2
Perfluorobutanoic Acid	**12 J**	**17 J**	<3.3	**110 J**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**6.3**	**22**	**2.8**	<2
Perfluorohexadecanoic acid (PFHxDA)	<2	<2 UJ	<8.3	<89 UJ
Perfluorohexane Sulfonic Acid	<2	**5.4**	<2	<2
Perfluorohexanoic Acid	**7.6**	**29**	**3.2**	<2 UJ
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2 UJ	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**7.3**	**27 J**	**3.4**	<49 UJ
Perfluorotetradecanoic Acid	<2	<2 UJ	<2	<2 UJ
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**4.2**	**6.7**	**3.3**	<2
PFOS	**4.1**	**10**	**2.8**	<2

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	18	18	18	19A
Sampling Event	April 2020	May/June 2020	August 2020	April 2019
Field Sample ID	STW-LOC-18-4-042820	STW-LOC18-4-060520	STW-LOC-18-4-082620	DSTW-LOC19A-042419
Date Sampled	4/28/2020	6/3/2020	8/26/2020	04/24/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**6.5**	**3.6 J**	**9.5**	**30 J**
PFMOAA	<5	<2 UJ	<2	< 5 UJ
PFO2HxA	**3.5**	**2.8 J**	**2.8**	**4.8 J**
PFO3OA	<2	<2 UJ	<2	<2 UJ
PFO4DA	<2	<2 UJ	<2	<2 UJ
PFO5DA	**4.6**	<2 UJ	<2	<2 UJ
PMPA	**15**	<13 UJ	<20	**27 J**
PEPA	<20	<2 UJ	<10	<20 UJ
PS Acid	<2	<2 UJ	<2	<2 UJ
Hydro-PS Acid	<2	<2 UJ	<2	<2 UJ
R-PSDA	<2	<2 UJ	**10**	<2 UJ
Hydrolyzed PSDA	**3.1 J**	<2 UJ	<2	<2 UJ
R-PSDCA	<2	<2 UJ	<2	<2 UJ
NVHOS	<2	<2 UJ	<2	<2 UJ
EVE Acid	<2	<2 UJ	<2	<2 UJ
Hydro-EVE Acid	<2	<2 UJ	<2	<2 UJ
R-EVE	<2	<2 UJ	<2	<2 UJ
PES	<2	<2 UJ	<2	<2 UJ
PFECA B	<2	<2 UJ	<2	<2 UJ
PFECA-G	<2	<2 UJ	<2	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**30**	**6.4**	**12**	**62**
Total Table 3+ Compounds (20 compounds)*	**33**	**6.4**	**22**	**62**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2.0
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<60
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<110
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20 UJ
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	--
ADONA	<2.1	--	--	<2.1 UJ
DONA	--	<2	<2	--
NaDONA	<2.1	--	--	<2.1 UJ
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2 UJ	<7.5	<2	<37 UJ
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<35 UJ
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2	<2.0 UJ
Perfluorobutanoic Acid	<2	<3	**4.8 J**	**4.3 J**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2.0 UJ
Perfluorodecanoic Acid	<2	<2	<2	<2.0 UJ
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2.0 UJ
Perfluorododecanoic Acid	<2	<2	<2	<2.0 UJ
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2.0 UJ
Perfluoroheptanoic Acid	<2	<2	**2.4**	<2.0 UJ
Perfluorohexadecanoic acid (PFHxDA)	<2 UJ	<2 UJ	--	<2.0 UJ
Perfluorohexane Sulfonic Acid	<2	<2	<2	<2.0 UJ
Perfluorohexanoic Acid	**2.1**	**2.4**	**2.3**	<2.0 UJ
Perfluorononanesulfonic acid	<2	<2	<2	<2.0 UJ
Perfluorononanoic Acid	<2	<2	<2	<2.0 UJ
Perfluorooctadecanoic acid	<2 UJ	<2 UJ	<2 UJ	<2.0 UJ
Perfluorooctane Sulfonamide	<2	<2	<2	<2.0 UJ
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2.0 UJ
Perfluoropentanoic Acid	**2.6**	**2.9**	**3.3**	**2.6 J**
Perfluorotetradecanoic Acid	<2	<2 UJ	<2	<2.0 UJ
Perfluorotridecanoic Acid	<2	<2	<2	<2.0 UJ
Perfluoroundecanoic Acid	<2	<2	<2	<2.0 UJ
PFOA	<2	**2**	**2.5**	**2.6 J**
PFOS	**4.3**	**3.3**	**4.4**	<2.0 UJ

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	19A	19A	19A	19A
Sampling Event	June 2019	August 2019	October 2019	December 2019
Field Sample ID	STW-LOC-19A-062719	STW-LOC19A-082119	STW-LOC19A-100919	STW-LOC-19A-122019
Date Sampled	06/27/2019	8/21/2019	10/9/2019	12/20/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**4.5 J**	**18**	**7.3**	**380**
PFMOAA	<5 UJ	<5	<5	**16**
PFO2HxA	**2.6 J**	**5.1**	**7.1**	**35**
PFO3OA	<2 UJ	<2	<2 UJ	**9.7**
PFO4DA	<2 UJ	<2	<2 UJ	**4 J**
PFO5DA	<2 UJ	<2	<2 UJ	<2
PMPA	<10 UJ	**21**	**19**	**340**
PEPA	<20 UJ	<20	<20	**180**
PS Acid	<2 UJ	**4.5**	<2	<2
Hydro-PS Acid	<2 UJ	<2	<2	<2
R-PSDA	<2 UJ	<2 UJ	<2 UJ	<2
Hydrolyzed PSDA	<2 UJ	<2	<2 UJ	**11 J**
R-PSDCA	<2 UJ	<2	<2	<2
NVHOS	<2 UJ	<2	**2.1**	**2.2**
EVE Acid	<2 UJ	<2	<2	<2
Hydro-EVE Acid	<2 UJ	<2	<2	**2.4**
R-EVE	<2 UJ	<2	<2 UJ	**4.1 J**
PES	<2 UJ	<2	<2	<2
PFECA B	<2 UJ	<2	<2	<2
PFECA-G	<2 UJ	<2 UJ	<2 UJ	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**7.1**	**49**	**36**	**970**
Total Table 3+ Compounds (20 compounds)*	**7.1**	**49**	**36**	**980**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	--	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<60	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<110	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20 UJ	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	--	<2	<2	<2
ADONA	<2.1 UJ	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1 UJ	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<37	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<35	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2	<2
Perfluorobutanoic Acid	**2.4 J**	**2.9**	**6**	**3.2**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**3.3 J**	**5.1**	**9.5**	**3.5**
Perfluorohexadecanoic acid (PFHxDA)	<2 UJ	<2 UJ	<2 UJ	<2
Perfluorohexane Sulfonic Acid	<2	<2	<2	<2
Perfluorohexanoic Acid	**6.1 J**	**6.8**	**15**	**7.8**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	**3.1 B**
Perfluorooctadecanoic acid	<2 UJ	<2 UJ	<2 UJ	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**5.3**	**7.1**	**15**	**6.3**
Perfluorotetradecanoic Acid	<2 UJ	<2	<2 UJ	<2
Perfluorotridecanoic Acid	<2	<2	<2	**46 B**
Perfluoroundecanoic Acid	<2	<2	<2	**15 B**
PFOA	**3.1 J**	**3.7**	**3.3**	**14**
PFOS	<2	**2.4**	**2.5**	<2

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	19A	19A	19A	19A
Sampling Event	January 2020	April 2020	May/June 2020	August 2020
Field Sample ID	STW-LOC19A-012920	STW-LOC-19A-042820	STW-LOC19A-060320	STW-LOC-19A-082620
Date Sampled	1/29/2020	4/28/2020	6/3/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**19 J**	**5**	**51 J**	**4.2**
PFMOAA	**8.7 J**	<5	<2 UJ	**5.5**
PFO2HxA	**9.3**	**4**	**10 J**	**4.9**
PFO3OA	**2.9**	<2	**3.4 J**	<2
PFO4DA	<2	<2	**2.5 J**	<2
PFO5DA	<2	**5.4**	<2 UJ	<2
PMPA	**27**	**13**	**34 J**	<20
PEPA	<20	<20	**9.6 J**	<10
PS Acid	**2.3**	**3**	<2 UJ	**3.1**
Hydro-PS Acid	<2	<2	<2 UJ	<2
R-PSDA	<2	<2	**22 J**	<2
Hydrolyzed PSDA	**4.8 J**	<2	**17 J**	<2
R-PSDCA	<2	<2	<2 UJ	<2
NVHOS	<2	<2	<2 UJ	<2
EVE Acid	<2	<2	<2 UJ	<2
Hydro-EVE Acid	<2	<2	**2 J**	<2
R-EVE	<2	<2	**11 J**	<2
PES	<2	<2	<2 UJ	<2
PFECA B	<2	<2	<2 UJ	<2
PFECA-G	<2	<2	<2 UJ	<2
Total Table 3+ Compounds (17 compounds)*	**69**	**30**	**110**	**18**
Total Table 3+ Compounds (20 compounds)*	**74**	**30**	**160**	**18**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2 UJ	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2 UJ	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20 UJ	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20 UJ	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2 UJ	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4 UJ	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20 UJ	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2 UJ	<2	<2	<2
ADONA	<2.1 UJ	<2.1	--	--
DONA	--	--	<2	<2
NaDONA	<2.1 UJ	<2.1	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20 UJ	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2 UJ	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2 UJ	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20 UJ	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2 UJ	<2	**2.4**	<2
Perfluorobutanoic Acid	**8.6 J**	<2	**5.2**	<2
Perfluorodecane Sulfonic Acid	<2 UJ	<2	<2	<2
Perfluorodecanoic Acid	<2 UJ	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2 UJ	<2	<2	<2
Perfluorododecanoic Acid	<2 UJ	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2 UJ	<2	<2	<2
Perfluoroheptanoic Acid	**2.9 J**	<2	**3.4**	<2
Perfluorohexadecanoic acid (PFHxDA)	<2 UJ	<2 UJ	<2	--
Perfluorohexane Sulfonic Acid	<2 UJ	<2	<2	<2
Perfluorohexanoic Acid	**4.3 J**	**2.7**	**5.5**	**2.5**
Perfluorononanesulfonic acid	<2 UJ	<2	<2	<2
Perfluorononanoic Acid	<2 UJ	<2	<2	<2
Perfluorooctadecanoic acid	<2 UJ	<2 UJ	<2	<2 UJ
Perfluorooctane Sulfonamide	<2 UJ	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2 UJ	<2	<2	<2
Perfluoropentanoic Acid	**3.2 J**	**3.2**	**5.5**	**2.9**
Perfluorotetradecanoic Acid	<2 UJ	<2	<2	<2
Perfluorotridecanoic Acid	<2 UJ	<2	<2	<2
Perfluoroundecanoic Acid	<2 UJ	<2	<2	<2
PFOA	**4.4 J**	<2	**12**	**2.7**
PFOS	**7 J**	<2	**2.4**	<2

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	19B	19B	19B	19B
Sampling Event	April 2019	June 2019	August 2019	October 2019
Field Sample ID	DSTW-LOC19B-042419	STW-LOC-19B-062719	STW-LOC19B-082119	STW-LOC19B-100919
Date Sampled	04/24/2019	06/27/2019	8/21/2019	10/9/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**22**	**9.6**	**26**	**5.9**
PFMOAA	<5 UJ	<5 UJ	<5	<5
PFO2HxA	**9.8 J**	**3.1 J**	**5.3**	**3.9**
PFO3OA	<2 UJ	<2 UJ	<2	<2
PFO4DA	<2 UJ	<2 UJ	<2	<2 UJ
PFO5DA	<2 UJ	<2 UJ	<2	<2 UJ
PMPA	**39 J**	<10 UJ	**26**	**12**
PEPA	<20 UJ	<20 UJ	<20	<20
PS Acid	<2 UJ	<2 UJ	**5**	<2
Hydro-PS Acid	<2 UJ	**21 J**	**2.6**	**2.2**
R-PSDA	**6.5 J**	<2 UJ	<2	<2 UJ
Hydrolyzed PSDA	**3.5 J**	<2 UJ	<2	<2
R-PSDCA	<2 UJ	<2 UJ	<2	<2
NVHOS	<2 UJ	<2 UJ	**3**	**3.2**
EVE Acid	<2 UJ	<2 UJ	<2	<2
Hydro-EVE Acid	<2 UJ	<2 UJ	<2	<2
R-EVE	**5.3 J**	<2 UJ	<2	<2
PES	<2 UJ	<2 UJ	<2	<2
PFECA B	<2 UJ	<2 UJ	<2	<2
PFECA-G	<2 UJ	<2 UJ	<2 UJ	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**71**	**34**	**68**	**27**
Total Table 3+ Compounds (20 compounds)*	**86**	**34**	**68**	**27**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2.0	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	--	--	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<60	<60	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<110	<110	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	--	--	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<37 UJ	<37	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<35 UJ	<35	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2	**2.3**
Perfluorobutanoic Acid	**4.4**	**3**	**4.6**	**7.2**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**2.2**	**4**	**7.9**	**12**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2 UJ	<2 UJ	**6.2 J**
Perfluorohexane Sulfonic Acid	<2	<2	<2	**2.3**
Perfluorohexanoic Acid	**3.4**	**6.8**	**11**	**18**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2 UJ	<2 UJ	<2 UJ
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**3.6**	**6**	**11**	**18**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**4.9**	**3.1**	**30**	**4.4**
PFOS	**3.2**	**2.2**	**2.1**	**3.4**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	19B	19B	19B	19B
Sampling Event	December 2019	January 2020	April 2020	May/June 2020
Field Sample ID	STW-LOC-19B-122019	STW-LOC19B-012920	STW-LOC-19B-042820	STW-LOC19B-060320
Date Sampled	12/20/2019	1/29/2020	4/28/2020	6/3/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**22 B**	**75**	**54**	**2.2 J**
PFMOAA	**5.6**	**14 J**	**37**	<2 UJ
PFO2HxA	**4.3**	**230**	**26**	**2.7 J**
PFO3OA	<2	**19**	**6.2**	<2 UJ
PFO4DA	<2	<2	**2.5 J**	<2 UJ
PFO5DA	<2	<2	**6.1**	<2 UJ
PMPA	**35 B**	**120**	**44**	<13 UJ
PEPA	<20	**46**	<20	<2 UJ
PS Acid	<2	**2.9**	<2	<2 UJ
Hydro-PS Acid	<2	<2	**4.3**	<2 UJ
R-PSDA	<2	<2	**22 J**	<2 UJ
Hydrolyzed PSDA	**2.2 J**	**5.3 J**	**22 J**	<2 UJ
R-PSDCA	<2	<2	<2	<2 UJ
NVHOS	<2	<2	**5.1**	<2 UJ
EVE Acid	<2	<2	<2	<2 UJ
Hydro-EVE Acid	<2	<2	**2.3**	<2 UJ
R-EVE	<2	<2	**12 J**	<2 UJ
PES	<2	<2	<2	<2 UJ
PFECA B	<2	<2	<2	<2 UJ
PFECA-G	<2 UJ	<2	<2	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**67**	**510**	**190**	**4.9**
Total Table 3+ Compounds (20 compounds)*	**69**	**510**	**240**	**4.9**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<3.2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<52
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<8.5
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<14
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2.4
ADONA	<2.1	<2.1	<2.1	--
DONA	--	--	--	<2
NaDONA	<2.1	<2.1	<2.1	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<8.7
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<4.3
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<31
Perfluorobutane Sulfonic Acid	<2	<2	**3.6**	<2
Perfluorobutanoic Acid	**2.2**	**5.9**	**5.6**	**3.7**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<3.2
Perfluorodecanoic Acid	<2	<2	<2	<3.1
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<4.5
Perfluorododecanoic Acid	<2	<2	<2	<5.5
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**2.7**	**3.5**	**5.1**	<2.5
Perfluorohexadecanoic acid (PFHxDA)	<2 UJ	<2	<2	<8.9 UJ
Perfluorohexane Sulfonic Acid	<2	<2	**2.8**	**3.7**
Perfluorohexanoic Acid	**5.2**	**5.8**	**9.1**	<5.8
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2.7
Perfluorooctadecanoic acid	<2 UJ	<2	<2	<4.6 UJ
Perfluorooctane Sulfonamide	<2	<2	<2	**5.2**
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<3
Perfluoropentanoic Acid	**3.9**	**7.9**	**9.8**	**6.6**
Perfluorotetradecanoic Acid	<2	<2	<2	<2.9 UJ
Perfluorotridecanoic Acid	<2	<2	<2	<13
Perfluoroundecanoic Acid	<2	<2	<2	<11
PFOA	<2	**3.2**	**9.6**	<8.5
PFOS	**2.4**	<2	**4.7**	**7.8**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	19B	20	20	20
Sampling Event	August 2020	April 2019	April 2019	June 2019
Field Sample ID	STW-LOC-19B-082620	DSTW-LOC20-042419	DSTW-LOC20-042419-D	STW-LOC20-062819
Date Sampled	8/26/2020	04/24/2019	04/24/2019	06/28/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	Field Duplicate	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**4.7**	**61**	**63**	**50**
PFMOAA	<2	**53 J**	**56 J**	**48**
PFO2HxA	**6.2**	**30 J**	**31 J**	**28**
PFO3OA	<2	**6.9 J**	**6.7 J**	**9.3**
PFO4DA	<2	**3.7 J**	**3.5 J**	**8.7**
PFO5DA	<2	<2 UJ	<2 UJ	**20**
PMPA	<20	**37 J**	**35 J**	**30**
PEPA	<10	<20 UJ	<20 UJ	<20
PS Acid	<2	**5.3 J**	**5.5 J**	**260**
Hydro-PS Acid	<2	**7.8 J**	**7.9 J**	**110**
R-PSDA	<2	**28 J**	**27 J**	**69 J**
Hydrolyzed PSDA	<2	**68 J**	**68 J**	**390 J**
R-PSDCA	<2	<2 UJ	<2 UJ	**2**
NVHOS	<2	**2.9 J**	**2.4 J**	**14**
EVE Acid	<2	**2 J**	<2 UJ	**7.3**
Hydro-EVE Acid	<2	<2 UJ	<2 UJ	<2
R-EVE	<2	**6.6 J**	**7.8 J**	**12 J**
PES	<2	<2 UJ	<2 UJ	<2
PFECA B	<2	<2 UJ	<2 UJ	<2
PFECA-G	<2	<2 UJ	<2 UJ	<2
Total Table 3+ Compounds (17 compounds)*	**11**	**210**	**210**	**590**
Total Table 3+ Compounds (20 compounds)*	**11**	**310**	**310**	**1,100**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2.0	<2.0	<2
F-53B Minor (11Cl-PF3OUdS)	<2 UJ	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<60	<60	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<110	<110	<2
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2 UJ	--	--	--
ADONA	--	<2.1	<2.1	<2.1
DONA	<2 UJ	--	--	--
NaDONA	--	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2 UJ	<37	<37	<2
N-methyl perfluoro-1-octanesulfonamide	<2 UJ	<35	<35	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	**2.2**	**2.2**	**3.8**
Perfluorobutanoic Acid	**2.2**	**6.5**	**5.9**	**8.8**
Perfluorodecane Sulfonic Acid	<2	<2.0	<2.0	<2
Perfluorodecanoic Acid	<2	<2.0	<2.0	<2
Perfluorododecane sulfonic acid (PFDoS)	<2 UJ	<2.0	<2.0	<2
Perfluorododecanoic Acid	<2	<2.0	<2.0	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2 UJ	<2.0	<2.0	<2
Perfluoroheptanoic Acid	<2	**7.1**	**7**	**15**
Perfluorohexadecanoic acid (PFHxDA)	<8	<2.0	<2.0	<2
Perfluorohexane Sulfonic Acid	<2 UJ	**3.5**	**3.5**	**5.8**
Perfluorohexanoic Acid	**2.9**	**7.8**	**7.7**	**23**
Perfluorononanesulfonic acid	<2 UJ	<2.0	<2.0	<2
Perfluorononanoic Acid	<2 UJ	<2.0	<2.0	<2
Perfluorooctadecanoic acid	<2	<2.0 UJ	<2.0	<2
Perfluorooctane Sulfonamide	<2 UJ	<2.0	<2.0	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2.0	<2.0	<2
Perfluoropentanoic Acid	**3.9**	**6.7**	**7.6**	**17**
Perfluorotetradecanoic Acid	<2 UJ	<2.0	<2.0	<2
Perfluorotridecanoic Acid	<2	<2.0	<2.0	<2
Perfluoroundecanoic Acid	<2	<2.0	<2.0	<2
PFOA	**3.4 J**	**8.7**	**8.5**	**9.3**
PFOS	**2.1 J**	**13**	**13**	**15**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	20	20	20	20
Sampling Event	August 2019	August 2019	October 2019	October 2019
Field Sample ID	STW-LOC20-082219	STW-LOC20-082219-D	STW-LOC20-101019	STW-LOC20-100919-D
Date Sampled	8/22/2019	8/22/2019	10/10/2019	10/10/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	Field Duplicate	--	Field Duplicate
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**49 J**	**71 J**	**30 J**	**34**
PFMOAA	**650 J**	**630**	**24 J**	**21 J**
PFO2HxA	**210 J**	**210**	**18**	**19**
PFO3OA	**71**	**71**	**5.7**	**5.7**
PFO4DA	**44**	**46**	**4.3**	**4.6**
PFO5DA	**19**	**22**	**7.6 J**	**7.3 J**
PMPA	**39**	**46**	**34**	**27**
PEPA	<20	<20	<20	<20
PS Acid	**39**	**40**	**17**	**16**
Hydro-PS Acid	**70**	**67**	**46**	**41**
R-PSDA	**63 J**	**74 J**	**31 J**	**18 J**
Hydrolyzed PSDA	**540 J**	**640 J**	**190 J**	**160 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	**28**	**28**	**13 J**	**8.7 J**
EVE Acid	**8.6**	**8.3**	**3.8**	**3.3**
Hydro-EVE Acid	**6.4**	**6.3**	<2	<2
R-EVE	**11 J**	**12 J**	**6.9 J**	**5.4 J**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**1,200**	**1,200**	**200**	**190**
Total Table 3+ Compounds (20 compounds)*	**1,800**	**2,000**	**430**	**370**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**4.2**	**4.2**	**6.3**	**6.2**
Perfluorobutanoic Acid	**10**	**10**	**19**	**24**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2 UJ	**19 J**
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	**3**
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**20**	**20**	**34 J**	**100 J**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**5.9**	**6.3**	**8.6**	**8.7**
Perfluorohexanoic Acid	**26**	**27**	**48 J**	**92 J**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2 UJ	**40 J**
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**27**	**26**	**47**	**65**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	**8.3**
PFOA	**10**	**9.5**	**11 J**	**50 J**
PFOS	**14**	**14**	**15**	**14**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	20	20	20	20
Sampling Event	December 2019	December 2019	January 2020	January 2020
Field Sample ID	STW-LOC-20-122019	STW-LOC-20-122019-D	STW-LOC20-012920	STW-LOC20-012920-D
Date Sampled	12/20/2019	12/20/2019	1/29/2020	1/29/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	Field Duplicate	--	Field Duplicate
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**42**	**47**	**89 J**	**66 J**
PFMOAA	**22**	**20**	**35 J**	**31**
PFO2HxA	**11**	**11**	**37**	**36**
PFO3OA	**2.7**	**2.8**	**3.1**	**3**
PFO4DA	<2	<2	**2.1**	**2.1**
PFO5DA	**2.2**	<2	<2	<2
PMPA	**33 B**	**32 B**	**27**	**31**
PEPA	<20	<20	<20	<20
PS Acid	**5.3**	**5.5**	**18**	**18**
Hydro-PS Acid	**2.2**	**2.1**	**2.9**	**2.8**
R-PSDA	**7.7 J**	**6.3 J**	**21 J**	**22 J**
Hydrolyzed PSDA	**49 J**	**44 J**	**85 J**	**82 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	**2.4**	**2.2**	**2.6**	**2.3**
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	**4 J**	**3.3 J**	<2	**7.5 J**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**120**	**120**	**220**	**190**
Total Table 3+ Compounds (20 compounds)*	**180**	**180**	**320**	**300**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3**	**3**	**2.2**	**2.2**
Perfluorobutanoic Acid	**5.4**	**4.5**	**3.8**	**3.2**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**8.8**	**8.8**	**4.1**	**4**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3.2**	**3.4**	**2.5**	**2.5**
Perfluorohexanoic Acid	**15**	**15**	**5.5**	**5.6**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2 UJ	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**11**	**11**	**5.9**	**5.7**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**5.7**	**5.9**	**4.3**	**4.2**
PFOS	**7.9**	**8**	**6.6**	**6.5**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	20	20	20	20
Sampling Event	April 2020	April 2020	May/June 2020	August 2020
Field Sample ID	STW-LOC-20-4-042820	STW-LOC-20-4-042820-D	STW-LOC-20-2-052120	STW-LOC-20-4-042820
Date Sampled	4/28/2020	4/28/2020	5/20/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	Field Duplicate	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**41**	**41**	**940**	**57**
PFMOAA	**14**	**13**	**850**	<2
PFO2HxA	**13**	**13**	**330**	**14**
PFO3OA	**2.5**	**2.7**	**130**	**3.2**
PFO4DA	<2	<2	**69**	<2
PFO5DA	**5.6**	**5.3**	**75**	<2
PMPA	**31**	**30**	**200**	<20
PEPA	<20	<20	**120**	<10
PS Acid	**30**	**32**	**720**	**24**
Hydro-PS Acid	**3.2**	**3.2**	**310**	**4.0**
R-PSDA	**18 J**	**16 J**	**780 J**	**12**
Hydrolyzed PSDA	**93 J**	**91 J**	**440 J**	**86**
R-PSDCA	<2	<2	**20**	<2
NVHOS	**6.7**	**6.5**	**71**	<2
EVE Acid	<2	<2	**150**	**12**
Hydro-EVE Acid	<2	<2	**20**	**9.6**
R-EVE	**3.8 J**	<2	**71 J**	**4.8**
PES	<2	<2	<2.3	<2
PFECA B	<2	<2	<3	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**150**	**150**	**4,000**	**150**
Total Table 3+ Compounds (20 compounds)*	**260**	**250**	**5,300**	**260**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	--	--
DONA	--	--	<2	<2
NaDONA	<2.1	<2.1	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.5**	**3.6**	**3.9**	**4.1**
Perfluorobutanoic Acid	**6.1**	**6.3**	**20**	**6.0**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**4.8**	**4.6**	**13**	**3.8**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	--
Perfluorohexane Sulfonic Acid	**4.5**	**4.5**	**4.9**	**4.2**
Perfluorohexanoic Acid	**9**	**9.2**	**12**	**7.1**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	**2.5**	<2
Perfluorooctadecanoic acid	<2 UJ	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**11**	**11**	**77**	**10**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**6.1**	**6**	**27**	**6.2**
PFOS	**11**	**11**	**11**	**11**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	21A	21A	21A	21A
Sampling Event	April 2019	June 2019	August 2019	October 2019
Field Sample ID	DSTW-LOC21A-042419	STW-LOC-21A-062719	STW-LOC21A-082119	STW-LOC21A-100919
Date Sampled	04/24/2019	06/27/2019	8/21/2019	10/9/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**33**	**40**	**57**	**97**
PFMOAA	**11 J**	**12 J**	**9.5 J**	**11 J**
PFO2HxA	**16 J**	**15 J**	**13**	**28**
PFO3OA	**2.9 J**	**2.9 J**	**2.4**	**12**
PFO4DA	**2 J**	<2 UJ	<2	**9.6**
PFO5DA	<2 UJ	<2 UJ	**2.2**	**6.6**
PMPA	**43 J**	**33 J**	**53**	**71**
PEPA	<20 UJ	<20 UJ	<20	**25**
PS Acid	**2.1 J**	**9.7 J**	**12**	**7.7**
Hydro-PS Acid	<2 UJ	**2.2 J**	**4.9**	**4.3**
R-PSDA	**4.2 J**	**19 J**	**31 J**	**32 J**
Hydrolyzed PSDA	**4.1 J**	**11 J**	**25 J**	**17 J**
R-PSDCA	<2 UJ	<2 UJ	<2	<2
NVHOS	<2 UJ	**2.5 J**	**33**	**8.4**
EVE Acid	<2 UJ	<2 UJ	<2	**7.4**
Hydro-EVE Acid	<2 UJ	<2 UJ	**3.8**	**3.9**
R-EVE	**3.4 J**	**4.1 J**	**34 J**	**19 J**
PES	<2 UJ	<2 UJ	<2	<2
PFECA B	<2 UJ	<2 UJ	<2	<2
PFECA-G	<2 UJ	<2 UJ	<2	<2
Total Table 3+ Compounds (17 compounds)*	**110**	**120**	**190**	**290**
Total Table 3+ Compounds (20 compounds)*	**120**	**150**	**280**	**360**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2.0	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	--	--	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<60	<60	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<110	<110	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	--	--	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<37 UJ	<37	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<35 UJ	<35	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**2**	**4**	**4.5**	**6.8**
Perfluorobutanoic Acid	**5**	**9.8**	**12**	**17**
Perfluorodecane Sulfonic Acid	<2.0	<2	<2	<2
Perfluorodecanoic Acid	<2.0	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2.0	<2	<2	<2
Perfluorododecanoic Acid	<2.0	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2.0	<2	<2	<2
Perfluoroheptanoic Acid	**3**	**14**	**23**	**31**
Perfluorohexadecanoic acid (PFHxDA)	<2.0	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3**	**6.2**	**6**	**9.8**
Perfluorohexanoic Acid	**4.4**	**23**	**29**	**41**
Perfluorononanesulfonic acid	<2.0	<2	<2	<2
Perfluorononanoic Acid	<2.0	<2	<2	**2**
Perfluorooctadecanoic acid	<2.0	<2	<2	<2
Perfluorooctane Sulfonamide	<2.0	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2.0	<2	<2	<2
Perfluoropentanoic Acid	**4.8**	**21**	**30**	**40**
Perfluorotetradecanoic Acid	<2.0	<2	<2	<2
Perfluorotridecanoic Acid	<2.0	<2	<2	<2
Perfluoroundecanoic Acid	<2.0	<2	<2	<2
PFOA	**5.6**	**9.8**	**10**	**12**
PFOS	**9.1**	**14**	**16**	**23**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	21A	21A	21A	21A
Sampling Event	December 2019	January 2020	April 2020	May/June 2020
Field Sample ID	STW-LOC-21A-122019	STW-LOC21A-012920	STW-LOC-21A-042820	STW-LOC-21A-052120
Date Sampled	12/20/2019	1/29/2020	4/28/2020	5/20/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**43**	**31**	**220**	**420**
PFMOAA	**21**	**15 J**	**27**	**110**
PFO2HxA	**16**	**15**	**28**	**170**
PFO3OA	**2.6**	**2.1**	**5.8**	**31**
PFO4DA	<2	<2	**2.1 J**	**50**
PFO5DA	**2.5**	<2	**7.8**	**460**
PMPA	**54 B**	**34**	**43**	**180**
PEPA	**23**	<20	<20	**48**
PS Acid	**2.7**	<2	<2	**75**
Hydro-PS Acid	<2	<2	<2	**220**
R-PSDA	**7.3 J**	<2	**16 J**	**1,100 J**
Hydrolyzed PSDA	**12 J**	**8.7 J**	**16 J**	**33 J**
R-PSDCA	<2	<2	<2	**18**
NVHOS	**2.1**	<2	**3.7**	**37**
EVE Acid	<2	<2	<2	**5.2**
Hydro-EVE Acid	<2	<2	<2	**12**
R-EVE	**5 J**	<2	**3.4 J**	**77 J**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**170**	**97**	**340**	**1,800**
Total Table 3+ Compounds (20 compounds)*	**190**	**110**	**370**	**3,000**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	--
DONA	--	--	--	<2
NaDONA	<2.1	<2.1	<2.1	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**2.4**	**2.6**	**3.7**	**2.2**
Perfluorobutanoic Acid	**5**	**5.2**	**27**	**11**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**6.2**	**5.2**	**5.3**	**7.6**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3.3**	**3.3**	**4.5**	**3.1**
Perfluorohexanoic Acid	**10**	**8.2**	**11**	**7.7**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	**2.7**
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**8.8**	**7.9**	**12**	**33**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**4**	**4.7**	**6.8**	**4.8**
PFOS	**9.4**	**6.9**	**17**	**9.8**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	21A	22	22	22
Sampling Event	August 2020	April 2019	June 2019	August 2019
Field Sample ID	STW-LOC-21A-082620	DSTW-LOC22-042419	STW-LOC-22-062719	STW-LOC22-082119
Date Sampled	8/26/2020	04/24/2019	06/27/2019	8/21/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**16**	**170**	**130 J**	**140**
PFMOAA	<2	<5 UJ	**220 J**	**36 J**
PFO2HxA	**14**	<2 UJ	**540 J**	**45 J**
PFO3OA	**2.2**	**3 J**	**27 J**	**5.5**
PFO4DA	<2	**5.3 J**	**32 J**	**6.5**
PFO5DA	<2	<2 UJ	<6.7 UJ	**3.8 J**
PMPA	**23**	**67 J**	**1,500 J**	**20 J**
PEPA	<10	<20 UJ	**210 J**	<20
PS Acid	<2	**2 J**	**180 J**	**47**
Hydro-PS Acid	<2	**18 J**	**150 J**	**54**
R-PSDA	<2	**160 J**	**500 J**	**59 J**
Hydrolyzed PSDA	**4.2**	**170 J**	**13,000 J**	**770 J**
R-PSDCA	<2	<2 UJ	**23 J**	<2
NVHOS	<2	**11 J**	**65 J**	**13 J**
EVE Acid	<2	<2 UJ	<4.9 UJ	<2
Hydro-EVE Acid	<2	**2.1 J**	<5.6 UJ	**3.9**
R-EVE	<2	**5.2 J**	**54 J**	**7.5 J**
PES	<2	<2 UJ	<9.2 UJ	<2
PFECA B	<2	<2 UJ	<12 UJ	<2
PFECA-G	<2	<2 UJ	<8.2 UJ	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**55**	**280**	**3,100**	**370**
Total Table 3+ Compounds (20 compounds)*	**59**	**610**	**17,000**	**1,200**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2.0	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	--	--	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<52	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<60	<60	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<110	<110	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	--	--	<2
ADONA	--	<2.1	<2.1 UJ	<2.1
DONA	<2	--	--	--
NaDONA	--	<2.1	<2.1 UJ	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<37 UJ	<37	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<35 UJ	<35	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<31	<20	<20
Perfluorobutane Sulfonic Acid	**4.6**	<2.0	**3.4**	<2
Perfluorobutanoic Acid	**5.8**	<3.5 UJ	**37 J**	**5.4 J**
Perfluorodecane Sulfonic Acid	<2	<3.2	<2	<2
Perfluorodecanoic Acid	<2	<3.1	**2.4**	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<4.5	<2	<2
Perfluorododecanoic Acid	<2	<5.5	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2.0	<2	<2
Perfluoroheptanoic Acid	**3.6**	**7.1**	**12**	**6.7**
Perfluorohexadecanoic acid (PFHxDA)	<2	<8.9	<2	<2
Perfluorohexane Sulfonic Acid	**4.2**	**4.5**	**5.6**	<2
Perfluorohexanoic Acid	**7.3**	<5.8	**21 J**	**6.9**
Perfluorononanesulfonic acid	<2	<2.0	<2	<2
Perfluorononanoic Acid	<2	<2.7	**2.3**	<2
Perfluorooctadecanoic acid	<2	<4.6	<2	<2
Perfluorooctane Sulfonamide	<2	<3.5	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<3.0	<2	<2
Perfluoropentanoic Acid	**9.1**	**20**	**22 J**	**8**
Perfluorotetradecanoic Acid	<2	**2.9**	<2	<2
Perfluorotridecanoic Acid	<2	<13	<2	<2
Perfluoroundecanoic Acid	<2	<11	<2	<2
PFOA	**6.5**	<8.5	**9.8**	**7.5**
PFOS	**5.4**	<5.4	**18**	**3.6**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	22	22	22	22
Sampling Event	October 2019	October 2019	December 2019	January 2020
Field Sample ID	STW-LOC22-100919	STW-LOC22-100919-D	STW-LOC-22-122019	STW-LOC22-012920
Date Sampled	10/9/2019	10/9/2019	12/20/2019	1/29/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	Field Duplicate	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**27**	**27**	<14	<150
PFMOAA	**37 J**	**56 J**	**25 J**	<5 UJ
PFO2HxA	**21**	**23**	**12 J**	**10 J**
PFO3OA	**7.2**	**8.1**	**5**	**3.5**
PFO4DA	**6.7**	**8.5**	**4.1 J**	**3**
PFO5DA	**7.1 J**	**14 J**	**2.3 J**	<2 UJ
PMPA	**40**	**37**	<10 UJ	<10 UJ
PEPA	<20	<20	<20 UJ	<20
PS Acid	**70**	**73**	**25 J**	**58**
Hydro-PS Acid	**63 J**	**130 J**	**25 J**	**18**
R-PSDA	**18 J**	**26 J**	**28 J**	**40 J**
Hydrolyzed PSDA	**210 J**	**300 J**	**490 J**	**260 J**
R-PSDCA	<2	**2.3**	<2	<2
NVHOS	**12**	**15**	**2.3 J**	<2 UJ
EVE Acid	**2.1**	**2.6**	<2	<2
Hydro-EVE Acid	**2.5**	**2.8**	<2	<2
R-EVE	**5 J**	**4.5 J**	**3 J**	<2
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2 UJ	<2
Total Table 3+ Compounds (17 compounds)*	**300**	**400**	**100**	**93**
Total Table 3+ Compounds (20 compounds)*	**530**	**730**	**620**	**390**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<19
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<32
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<200
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<520
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<85
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<140
6:2 Fluorotelomer sulfonate	<20	<20	<20	<200
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<24
ADONA	<2.1	<2.1	<2.1	<19
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<19
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<190
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<87
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<43
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<310
Perfluorobutane Sulfonic Acid	**3.7**	**3.6**	<2	<20
Perfluorobutanoic Acid	**16 J**	**18 J**	**130 J**	**79**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<32
Perfluorodecanoic Acid	<2	<2	<2	<31
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<45
Perfluorododecanoic Acid	<2	<2	<2	<55
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<19
Perfluoroheptanoic Acid	**24**	**24**	**4.1 J**	<25
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2 UJ	<89
Perfluorohexane Sulfonic Acid	**6.1**	**6.2**	<2	**28**
Perfluorohexanoic Acid	**34**	**33**	<2 UJ	<58
Perfluorononanesulfonic acid	<2	<2	<2	<16
Perfluorononanoic Acid	<2	**2**	<2	<27
Perfluorooctadecanoic acid	<2	<2	<2 UJ	<46
Perfluorooctane Sulfonamide	<2	<2	<2	<35
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<30
Perfluoropentanoic Acid	**32**	**32**	<2 UJ	<49
Perfluorotetradecanoic Acid	<2	<2	<2	<29
Perfluorotridecanoic Acid	<2	<2	<2	<130
Perfluoroundecanoic Acid	<2	<2	<2	<110
PFOA	**8.4**	**8.4**	**4.5**	<85
PFOS	**12**	**11**	**3.4 J**	<54

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	22	22	22	23A
Sampling Event	April 2020	May/June 2020	August 2020	April 2019
Field Sample ID	STW-LOC-22-4-042820	STW-LOC22-4-060520	STW-LOC-22-4-082620	DSTW-LOC23A-042419
Date Sampled	4/28/2020	6/3/2020	8/26/2020	04/24/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**34**	**27 J**	**99 J**	**270**
PFMOAA	**56**	**110 J**	<2	**1,300**
PFO2HxA	**23**	**14 J**	**16**	**480**
PFO3OA	**7.6**	**4.9 J**	**5.6**	**140**
PFO4DA	**9.6**	**4 J**	**7.6**	<79
PFO5DA	**3.7**	<2 UJ	**6.4**	<34
PMPA	**11**	**37 J**	<20	**700**
PEPA	<20	**4.8 J**	<10	<47
PS Acid	**67**	**86 J**	**19**	**2,700**
Hydro-PS Acid	**30**	**34 J**	**59**	**140**
R-PSDA	**12 J**	**30 J**	**270**	**180 J**
Hydrolyzed PSDA	**370 J**	**640 J**	**1,200**	**2,200 J**
R-PSDCA	<2	<2 UJ	**2.7**	<15
NVHOS	**9.5**	**7.6 J**	**14**	<54
EVE Acid	<2	<2 UJ	**33**	**65**
Hydro-EVE Acid	**2**	**3.6 J**	**14**	**32**
R-EVE	**2.6 J**	**3.4 J**	**330**	<70
PES	<2	<2 UJ	<2	<46
PFECA B	<2	<2 UJ	<2	<60
PFECA-G	<2	<2 UJ	<2	<41
Total Table 3+ Compounds (17 compounds)*	**250**	**330**	**280**	**5,800**
Total Table 3+ Compounds (20 compounds)*	**640**	**1,000**	**2,100**	**8,200**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2.0
F-53B Minor (11Cl-PF3OUdS)	<2	<3.2	<2	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<26	<52	<20 UJ	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<4.3	<8.5	<2	<60
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<7	<14	<4	<110
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2.4	<2	--
ADONA	<2.1	--	--	<2.1
DONA	--	<2	<2	--
NaDONA	<2.1	--	--	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<4.4	<8.7	<2	<37
N-methyl perfluoro-1-octanesulfonamide	<2.2	<4.3	<2	<35
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<31	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	**2.4**	<2.0
Perfluorobutanoic Acid	**15**	**6.3**	<2 R	**160**
Perfluorodecane Sulfonic Acid	<2	<3.2	<2	<2.0
Perfluorodecanoic Acid	<2	<3.1	<2	<2.0
Perfluorododecane sulfonic acid (PFDoS)	<2.3	<4.5	<2	<2.0
Perfluorododecanoic Acid	<2.8	<5.5	<2	<2.0
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2.0
Perfluoroheptanoic Acid	**3.1**	<2.5	**2.1**	**3.6**
Perfluorohexadecanoic acid (PFHxDA)	<4.5 UJ	<8.9 UJ	--	<2.0
Perfluorohexane Sulfonic Acid	**3.2**	**4.8**	<2	**2**
Perfluorohexanoic Acid	<2.9	<5.8	**3.7 J**	**6.6**
Perfluorononanesulfonic acid	<2	<2	<2	<2.0
Perfluorononanoic Acid	<2	<2.7	<2	<2.0
Perfluorooctadecanoic acid	<2.3 UJ	<4.6 UJ	<2 UJ	<2.0
Perfluorooctane Sulfonamide	<2	<3.5	<2	<2.0
Perfluoropentane sulfonic acid (PFPeS)	<2	<3	<2	<2.0
Perfluoropentanoic Acid	**8**	**7.6**	**15 J**	**13**
Perfluorotetradecanoic Acid	<2	<2.9 UJ	<2	<2.0
Perfluorotridecanoic Acid	<6.5	<13	<2	<2.0
Perfluoroundecanoic Acid	<5.5	<11	<2	<2.0
PFOA	**6.7**	**8.6**	**4.0**	**20**
PFOS	<2.7	**6.5**	**4.7**	**2.9**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	23A	23A	23A	23A
Sampling Event	June 2019	August 2019	August 2019	August 2019
Field Sample ID	STW-LOC-23A-062719	STW-LOC23A-082119-1	STW-LOC23A-082119-2	STW-LOC23A-082119-3
Date Sampled	06/27/2019	8/21/2019	8/21/2019	8/21/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**170**	**11,000**	**25,000**	**15,000**
PFMOAA	**320**	**1,200**	**1,300**	**1,600**
PFO2HxA	**240**	**280**	**350**	**390**
PFO3OA	**87**	**73**	**110**	**110**
PFO4DA	<79	**26**	**48**	**46**
PFO5DA	<34 UJ	**11**	**22**	**19**
PMPA	**1,300**	**82**	**120**	<110
PEPA	**560**	**33**	**54**	**45**
PS Acid	**17,000**	**4,500**	**12,000**	**12,000**
Hydro-PS Acid	**740**	**210**	**570**	**520**
R-PSDA	**220 J**	**190 J**	**400 J**	**350 J**
Hydrolyzed PSDA	**2,900 J**	**3,800 J**	**7,400 J**	**7,000 J**
R-PSDCA	**19**	**2**	**3.3**	**3.5**
NVHOS	<54	**49**	**100**	**94**
EVE Acid	**110**	**52**	**150**	**130**
Hydro-EVE Acid	**28**	**23**	**61**	**52**
R-EVE	<70	**16 J**	**25 J**	**27 J**
PES	<46	<2.3	<9.2	<9.2
PFECA B	<60	<3	<12	<12
PFECA-G	<41	<2	<8.2	<8.2
Total Table 3+ Compounds (17 compounds)*	**21,000**	**18,000**	**40,000**	**30,000**
Total Table 3+ Compounds (20 compounds)*	**24,000**	**22,000**	**48,000**	**37,000**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	--	<3.1	<3.1	<3.2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<51	<50	<52
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<60	<3	<12	<12
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<110	<14	<13	<14
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	--	<2.4	<2.3	<2.4
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<37	<2	<7.5	<7.5
N-methyl perfluoro-1-octanesulfonamide	<35	<2	<6.9	<6.9
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<30	<30	<31
Perfluorobutane Sulfonic Acid	**3.8**	**3.5**	**3.7**	**3.5**
Perfluorobutanoic Acid	**70**	**55**	**54**	**51**
Perfluorodecane Sulfonic Acid	<2	<3.1	<3.1	<3.2
Perfluorodecanoic Acid	**2.8**	<3	<3	<3.1
Perfluorododecane sulfonic acid (PFDoS)	<2	<4.4	<4.3	<4.5
Perfluorododecanoic Acid	**6.9**	<5.4	<5.3	<5.5
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**14**	**24**	**25**	**26**
Perfluorohexadecanoic acid (PFHxDA)	**42**	<8.7	<8.6	<8.8
Perfluorohexane Sulfonic Acid	**5.8**	**6.2**	**6**	**6.1**
Perfluorohexanoic Acid	**24**	**26**	**26**	**24**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**2.9**	**3.5**	**5.2**	**5**
Perfluorooctadecanoic acid	**21**	<4.5	<4.4	<4.6
Perfluorooctane Sulfonamide	<2	<3.4	<3.4	<3.5
Perfluoropentane sulfonic acid (PFPeS)	<2	<2.9	<2.9	<3
Perfluoropentanoic Acid	**29**	**31**	**34**	**34**
Perfluorotetradecanoic Acid	**30**	<2.8	<2.8	<2.9
Perfluorotridecanoic Acid	**16**	<13	<13	<13
Perfluoroundecanoic Acid	**4.3**	<11	<11	<11
PFOA	**30**	**290**	**460**	**380**
PFOS	**19**	**23**	**33**	**33**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	23A	23A	23A	23A
Sampling Event	August 2019	October 2019	December 2019	January 2020
Field Sample ID	STW-LOC23A-082119-4	STW-LOC23A-100919	STW-LOC-23A-122019	STW-LOC23A-012920
Date Sampled	8/21/2019	10/9/2019	12/20/2019	1/29/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**12,000**	**110**	**2,200**	**190**
PFMOAA	**1,200**	**890**	**1,100**	**500 J**
PFO2HxA	**310**	**200**	**240**	**130**
PFO3OA	**92**	**70**	**80**	**46**
PFO4DA	**42**	**44**	**37**	**29**
PFO5DA	**21 J**	**31**	**20**	**13**
PMPA	<110	<57	<57	**33**
PEPA	**42**	**20**	**33**	<20
PS Acid	**12,000**	**11,000**	**6,900**	**4,400**
Hydro-PS Acid	**530**	**570**	**330**	**200**
R-PSDA	**350 J**	**340 J**	**260 J**	**140 J**
Hydrolyzed PSDA	**7,000 J**	**5,900 J**	**3,500 J**	**2,000 J**
R-PSDCA	**3.1**	**2.9**	<2	<2
NVHOS	**89**	**61**	**39**	**19**
EVE Acid	**130**	**88**	**83**	**52**
Hydro-EVE Acid	**52**	**71**	**63**	**25**
R-EVE	**23 J**	**34 J**	**26 J**	**20 J**
PES	<9.2	<4.6	<4.6	<2.3
PFECA B	<12	<6	<6	<3
PFECA-G	<8.2	<4.1	<4.1	<2
Total Table 3+ Compounds (17 compounds)*	**27,000**	**13,000**	**11,000**	**5,600**
Total Table 3+ Compounds (20 compounds)*	**34,000**	**19,000**	**15,000**	**7,800**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<3.1	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<50	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<12	**3.3**	**2.8**	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<13	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2.3	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<7.5	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<6.9	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<30	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.9**	**6.7**	**2.3**	**3**
Perfluorobutanoic Acid	**49**	**18**	**180**	**45**
Perfluorodecane Sulfonic Acid	<3.1	<2	<2	<2
Perfluorodecanoic Acid	**5.1**	**4**	**2.4**	<2
Perfluorododecane sulfonic acid (PFDoS)	<4.3	<2	<2	<2
Perfluorododecanoic Acid	<5.3	**4**	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**23**	**31**	**15**	**9.1**
Perfluorohexadecanoic acid (PFHxDA)	<8.5	**10**	**8.1**	**3.3**
Perfluorohexane Sulfonic Acid	**6.5**	**12**	**3.8**	**4**
Perfluorohexanoic Acid	**27**	**37**	**17**	**12**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**4.8**	**3.4**	**2.1 B**	<2
Perfluorooctadecanoic acid	<4.4	**6.8**	**4.9**	<2
Perfluorooctane Sulfonamide	<3.3	**2.1**	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2.9	<2	<2	<2
Perfluoropentanoic Acid	**32**	**43**	**18**	**13**
Perfluorotetradecanoic Acid	<2.8	**8**	**6.4**	**3.6**
Perfluorotridecanoic Acid	<12	**6.9**	**5.2 B**	**2.4**
Perfluoroundecanoic Acid	<11	**3.2**	<2	<2
PFOA	**310**	**52**	**680**	**43**
PFOS	**32**	**27**	**11**	**9.7**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	23A	23A	23A	23B
Sampling Event	April 2020	May/June 2020	August 2020	June 2019
Field Sample ID	STW-LOC-23A-4-042820	STW-LOC23A-4-060520	STW-LOC-23A-2-082620	STW-LOC-23B-062719
Date Sampled	4/28/2020	6/3/2020	8/26/2020	06/27/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**130**	**870 J**	**69**	**3,200**
PFMOAA	**1,000**	**1,800 J**	**520**	**160 J**
PFO2HxA	**230**	**400 J**	**110**	**150 J**
PFO3OA	**65**	**180 J**	**44**	**67 J**
PFO4DA	**20**	**69 J**	<30	**61 J**
PFO5DA	<2	**50 J**	<39	**77 J**
PMPA	**41**	<150 UJ	<310	**19,000 J**
PEPA	<20	**20 J**	<10	**8,500 J**
PS Acid	**4,900**	**24,000 J**	**6,000**	**49 J**
Hydro-PS Acid	**190**	**1,200 J**	**230**	**110 J**
R-PSDA	**89 J**	**400 J**	**160**	**580 J**
Hydrolyzed PSDA	**1,800 J**	**8,800 J**	**2,500**	**450 J**
R-PSDCA	<2	**5 J**	<8.7	**4.5 J**
NVHOS	**26**	**100 J**	**24**	**33 J**
EVE Acid	**30**	**190 J**	**47**	**5.1 J**
Hydro-EVE Acid	**8.9**	**54 J**	**7.4**	**21 J**
R-EVE	**5.6 J**	**19 J**	<36	**210 J**
PES	<2.3	<2 UJ	<3.4	<9.2 UJ
PFECA B	<3	<6.6 UJ	<13	<12 UJ
PFECA-G	<2	<12 UJ	<24	<8.2 UJ
Total Table 3+ Compounds (17 compounds)*	**6,600**	**29,000**	**7,100**	**31,000**
Total Table 3+ Compounds (20 compounds)*	**8,500**	**38,000**	**9,700**	**33,000**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<3.5
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<37
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	**2.9**	<60
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<110
6:2 Fluorotelomer sulfonate	<20	<20	<20	**20 J**
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	--
ADONA	<2.1	--	--	<2.1
DONA	--	<2	<2	--
NaDONA	<2.1	--	--	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<37
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<35
N-methyl perfluorooctane sulfonamidoacetic acid	<20	**20**	<20	<20
Perfluorobutane Sulfonic Acid	**3.7**	**2.3**	**4.4**	**2.5**
Perfluorobutanoic Acid	**26**	**23**	**20**	**580**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	**4.8**	**2.0**	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	**3.9**	**7.8**	**4.1**	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**6.4**	**8.3**	**4.6**	**10**
Perfluorohexadecanoic acid (PFHxDA)	**3.8**	**6.4**	--	<2 UJ
Perfluorohexane Sulfonic Acid	**4**	**3.8**	**3.8**	<2
Perfluorohexanoic Acid	**11**	**13**	**8.3**	**12**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	**3.1**	<2	**2.5**
Perfluorooctadecanoic acid	**2.5**	**2**	<2	<2 UJ
Perfluorooctane Sulfonamide	<2	<2	**2.1**	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**15**	**20**	**11**	**68**
Perfluorotetradecanoic Acid	**3.9**	**9**	**3.4**	<2 UJ
Perfluorotridecanoic Acid	**3.3**	**6.8**	**3.7**	<2
Perfluoroundecanoic Acid	**2.8**	**6.1**	**2.4**	<2
PFOA	**93**	**110**	**23**	**29**
PFOS	**13**	**17**	**17**	**5**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	23B	23B	23B	23B
Sampling Event	October 2019	December 2019	January 2020	April 2020
Field Sample ID	STW-LOC23B-100919	STW-LOC-23B-122019	STW-LOC23B-012920	STW-LOC-23B-042820
Date Sampled	10/9/2019	12/20/2019	1/29/2020	4/28/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**17**	**240**	**31**	**35**
PFMOAA	**200**	**13**	**11 J**	**19**
PFO2HxA	**56**	**7.3**	**7**	**15**
PFO3OA	**19**	<2	<2	**2.9**
PFO4DA	**10**	<2	<2	<2
PFO5DA	**8.5 J**	<2	<2	**4.1**
PMPA	<28	**24 B**	**26**	**32**
PEPA	<20	<20	<20	<20
PS Acid	**2,700**	**25**	**37**	**36**
Hydro-PS Acid	**120**	<2	<2	<2
R-PSDA	**100 J**	<2	<2	<2
Hydrolyzed PSDA	**1,700 J**	**26 J**	**34 J**	**19 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	**20**	<2	<2	**4.2**
EVE Acid	**20**	<2	<2	<2
Hydro-EVE Acid	**14**	<2	<2	<2
R-EVE	**10 J**	<2	<2	**2.2 J**
PES	<2.3	<2	<2	<2
PFECA B	<3	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**3,200**	**310**	**110**	**150**
Total Table 3+ Compounds (20 compounds)*	**5,000**	**340**	**150**	**170**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**5.4**	**2.7**	**2**	**3.5**
Perfluorobutanoic Acid	**18**	**4**	**3.3**	**5.3**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**30**	**6.6**	**2.9**	**4.2**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**6.8**	**3.2**	<2	**3.9**
Perfluorohexanoic Acid	**43**	**12**	**3.8**	**8.2**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**40**	**8.2**	**4**	**9.2**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**13**	**26**	**12**	**8.6**
PFOS	**14**	**7.9**	**5.3**	**9.3**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	23B	23B	24A	24A
Sampling Event	May/June 2020	August 2020	April 2019	April 2019
Field Sample ID	STW-LOC23B-060320	STW-LOC-23B-082620	DSTW-LOC24A-042419	DSTW-LOC24A-042419-D
Date Sampled	6/3/2020	8/26/2020	4/24/2019	4/24/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	Field Duplicate
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**57**	**25**	**16 J**	**14**
PFMOAA	**3.7**	<2	**7.5 J**	<5 UJ
PFO2HxA	**6.3**	**18**	**9.9 J**	**12 J**
PFO3OA	<2	**2.8**	<2 UJ	<2 UJ
PFO4DA	<2	<2	<2 UJ	<2 UJ
PFO5DA	<2	<2	<2 UJ	<2 UJ
PMPA	**31**	**32**	**25 J**	**26 J**
PEPA	<2	<10	<20 UJ	<20 UJ
PS Acid	**32**	**33**	<2 UJ	<2 UJ
Hydro-PS Acid	<2	**2.0**	<2 UJ	<2 UJ
R-PSDA	<2	<2	**3.6 J**	**5.4 J**
Hydrolyzed PSDA	**14 J**	**35**	**2.7 J**	**3.1 J**
R-PSDCA	<2	<2	<2 UJ	<2 UJ
NVHOS	<2	<2	<2 UJ	<2 UJ
EVE Acid	<2	<2	<2 UJ	<2 UJ
Hydro-EVE Acid	<2	<2	<2 UJ	<2 UJ
R-EVE	<2	<2	**4 J**	**4.2 J**
PES	<2	<2	<2 UJ	<2 UJ
PFECA B	<2	<2	<2 UJ	<2 UJ
PFECA-G	<2	<2	< UJ	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**130**	**110**	**58**	**52**
Total Table 3+ Compounds (20 compounds)*	**140**	**150**	**69**	**65**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2.0	<2.0
F-53B Minor (11Cl-PF3OUdS)	<2	<2	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<60	<60
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<110	<110
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	--	--
ADONA	--	--	<2.1	<2.1
DONA	<2	<2	--	--
NaDONA	--	--	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<37 UJ	<37 UJ
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<35 UJ	<35 UJ
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.1**	**4.4**	**2.3**	**2.3**
Perfluorobutanoic Acid	**5.2**	**5.5**	**6.3**	**5.8**
Perfluorodecane Sulfonic Acid	<2	<2	<2.0	<2.0
Perfluorodecanoic Acid	<2	<2	<2.0	<2.0
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2.0	<2.0
Perfluorododecanoic Acid	<2	<2	<16	<2.0
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2.0	<2.0
Perfluoroheptanoic Acid	**3.4**	**3.6**	**7**	**7.3**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2.0	<2.0
Perfluorohexane Sulfonic Acid	**2.6**	**4.0**	**3.9**	**3.8**
Perfluorohexanoic Acid	**6.8**	**7.5**	**8.5**	**8.8**
Perfluorononanesulfonic acid	<2	<2	<2.0	<2.0
Perfluorononanoic Acid	<2	<2	**2**	<2.0
Perfluorooctadecanoic acid	<2	<2	<2.0	<2.0
Perfluorooctane Sulfonamide	<2	<2	<2.0	<2.0
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2.0	<2.0
Perfluoropentanoic Acid	**5.8**	**7.9**	**7**	**6.7**
Perfluorotetradecanoic Acid	<2	<2	<5.9	<2.0
Perfluorotridecanoic Acid	<2	<2	<14	<2.0
Perfluoroundecanoic Acid	<2	<2	<2	<2.0
PFOA	**7.3**	**6.9**	**9.5**	**9.7**
PFOS	**9.4**	**12**	**25**	**21**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	24A	24A	24A	24A
Sampling Event	**June 2019**	**June 2019**	**August 2019**	**August 2019**
Field Sample ID	**STW-LOC-24A-062719**	**STW-LOC-24A-062719-D**	**STW-LOC24A-082119**	**STW-LOC24A-082119-D**
Date Sampled	**06/27/2019**	**06/27/2019**	**8/21/2019**	**8/21/2019**
Analytical Laboratory	**TestAmerica**	**TestAmerica**	**TestAmerica**	**TestAmerica**
QA/QC	**--**	**Field Duplicate**	**--**	**Field Duplicate**
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**26**	**26**	**16**	**17**
PFMOAA	<5 UJ	<5 UJ	**11**	**12**
PFO2HxA	**14 J**	**14 J**	**12**	**13**
PFO3OA	**2.3 J**	**2.3 J**	<2	**2.1**
PFO4DA	<2 UJ	<2 UJ	<2	<2
PFO5DA	<2 UJ	<2 UJ	<2	<2
PMPA	**30 J**	**30 J**	**26**	**28**
PEPA	<20 UJ	<20 UJ	<20	<20
PS Acid	**2.2 J**	**2.2 J**	<2	<2
Hydro-PS Acid	<2.2 J	<2.2 J	<2	<2
R-PSDA	**4.4 J**	**4.4 J**	**9.7 J**	**11 J**
Hydrolyzed PSDA	<2 UJ	<2 UJ	**4 J**	**4.2 J**
R-PSDCA	<2 UJ	<2 UJ	<2	<2
NVHOS	**2 J**	**2 J**	**4.7**	**5.3**
EVE Acid	<2 UJ	<2 UJ	<2	<2
Hydro-EVE Acid	**4.4 J**	**4.4 J**	<2	<2
R-EVE	**2.3 J**	**2.3 J**	**4.5 J**	**3.9 J**
PES	<2 UJ	<2 UJ	<2	<2
PFECA B	<2 UJ	<2 UJ	<2	<2
PFECA-G	<2 UJ	<2 UJ	<2	<2
Total Table 3+ Compounds (17 compounds)*	**81**	**81**	**70**	**77**
Total Table 3+ Compounds (20 compounds)*	**88**	**88**	**88**	**97**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	--	--	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<60	<60	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<110	<110	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	--	--	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<37	<37	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<35	<35	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.4**	**3.4**	**4.1**	**3.7**
Perfluorobutanoic Acid	**9.4**	**9.4**	**9.3**	**9**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	**2.2**	**2.2**	**2.5**	**2**
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**13**	**13**	**19**	**18**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**6**	**6**	**6**	**5.8**
Perfluorohexanoic Acid	**21**	**21**	**26**	**26**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**2.7**	**2.7**	**2.7**	**2.1**
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**17**	**17**	**25**	**27**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**11 J**	**11 J**	**11**	**10**
PFOS	**30 J**	**30 J**	**27 J**	**22 J**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	24A	24A	24A	24A
Sampling Event	December 2019	January 2020	January 2020	April 2020
Field Sample ID	STW-LOC-24A-122019	STW-LOC24A-012920	STW-LOC24A-012920-D	STW-LOC-24A-042820
Date Sampled	12/20/2019	1/29/2020	1/29/2020	4/28/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	Field Duplicate	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**18 B**	**11**	**8.7**	**10**
PFMOAA	**12**	**9.9 J**	**9.3**	**7.1**
PFO2HxA	**6.1**	**6.5**	**6.2**	**8.8**
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	**4.6**
PMPA	**41 B**	**46**	**47**	**27**
PEPA	**22**	**23**	**25**	<20
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	<2	<2	<2	**10 J**
Hydrolyzed PSDA	**12 J**	**5.4 J**	**5.2 J**	**4 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	<2	<2	<2	**5.3**
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
Total Table 3+ Compounds (17 compounds)*	**99**	**96**	**96**	**63**
Total Table 3+ Compounds (20 compounds)*	**110**	**100**	**100**	**77**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.1**	**2.1**	**2**	**3.6**
Perfluorobutanoic Acid	<2	**4.5**	**4.2**	**7.6**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2 UJ	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**8.6**	**3.8**	**3.5**	**4.8**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**4.4**	**2.5**	**2.4**	**4.8**
Perfluorohexanoic Acid	**15**	**5.4**	**5.1**	**9**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**2.8 B**	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2 UJ
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2 UJ	<2	<2
Perfluoropentanoic Acid	**10**	**4.8**	**4.5**	**10**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	**16 B**	<2	<2	<2
Perfluoroundecanoic Acid	**3.1 B**	<2	<2	<2
PFOA	**7.6**	**3.9**	**3.5**	**6.8**
PFOS	**17**	**6.3**	**6.2**	**17**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	24A	24A	24A	24A
Sampling Event	**April 2020**	**May/June 2020**	**May/June 2020**	**August 2020**
Field Sample ID	**STW-LOC-24A-042820-D**	**STW-LOC24A-060320**	**STW-LOC24A-060320-D**	**STW-LOC-24A-082620**
Date Sampled	**4/28/2020**	**6/3/2020**	**6/3/2020**	**8/26/2020**
Analytical Laboratory	**TestAmerica**	**TestAmerica**	**TestAmerica**	**TestAmerica**
QA/QC	**Field Duplicate**	**--**	**Field Duplicate**	**--**
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**10**	**38 J**	**20 J**	**28**
PFMOAA	**6.9**	<2 UJ	<2 UJ	**18 J**
PFO2HxA	**8.5**	**6.4 J**	**7.4 J**	**26 J**
PFO3OA	<2	<2 UJ	<2 UJ	**4.1**
PFO4DA	<2	<2 UJ	<2 UJ	<2
PFO5DA	**5.1**	<2 UJ	<2 UJ	<2
PMPA	**25**	**96 J**	**63 J**	**53 J**
PEPA	<20	**140 J**	**53 J**	**18 J**
PS Acid	<2	<2 UJ	<2 UJ	<2
Hydro-PS Acid	<2	<2 UJ	<2 UJ	<2
R-PSDA	**11 J**	<2 UJ	<2 UJ	<2
Hydrolyzed PSDA	**3.4 J**	<2 UJ	<2 UJ	**7.9 J**
R-PSDCA	<2	<2 UJ	<2 UJ	<2
NVHOS	**5.1**	<2 UJ	<2 UJ	<2
EVE Acid	<2	<2 UJ	<2 UJ	<2
Hydro-EVE Acid	<2	<2 UJ	<2 UJ	<2
R-EVE	<2	<2 UJ	<2 UJ	**35 J**
PES	<2	<2 UJ	<2 UJ	<2
PFECA B	<2	<2 UJ	<2 UJ	<2
PFECA-G	<2	<2 UJ	<2 UJ	<2
Total Table 3+ Compounds (17 compounds)*	**61**	**280**	**140**	**150**
Total Table 3+ Compounds (20 compounds)*	**75**	**280**	**140**	**190**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	--	--	--
DONA	--	<2	<2	<2
NaDONA	<2.1	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.7**	**3.2**	**2.9**	**4.3**
Perfluorobutanoic Acid	**7.3**	**13**	**13**	**6.1**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**5**	**6.1**	**6.1**	**3.5**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	--
Perfluorohexane Sulfonic Acid	**5**	**3.1**	**3.3**	**4.3**
Perfluorohexanoic Acid	**8.8**	**9.6**	**9.2**	**7.2**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**10**	**11**	**11**	**8.7**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**6.6**	**6.1**	**6.8**	**6.6**
PFOS	**16**	**8.9 J**	**12 J**	**13**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	24A	24B	24B	24B
Sampling Event	August 2020	April 2019	June 2019	August 2019
Field Sample ID	STW-LOC-24A-082620-D	DSTW-LOC24B-042419	STW-LOC24B-062719	STW-LOC24B-082119
Date Sampled	8/26/2020	04/24/2019	06/27/2019	8/21/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	Field Duplicate	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**30**	**14**	**10**	**8.9**
PFMOAA	**18**	**11 J**	<5	<5
PFO2HxA	**14 J**	**11 J**	**8.1**	**6.7**
PFO3OA	**2.2**	<2 UJ	<2	<2
PFO4DA	<2	<2 UJ	<2	<2
PFO5DA	<2	<2 UJ	<2	<2
PMPA	**21 J**	**19 J**	**17**	**16**
PEPA	<10	<20 UJ	<20	<20
PS Acid	<2	<2 UJ	**77**	<2
Hydro-PS Acid	<2	<2 UJ	**3.3**	<2
R-PSDA	**3**	**5.1 J**	<2	**5.3 J**
Hydrolyzed PSDA	**4 J**	**4.3 J**	**11 J**	**2.4 J**
R-PSDCA	<2	<2 UJ	<2	<2
NVHOS	<2	<2 UJ	<2	**4.3**
EVE Acid	<2	<2 UJ	<2	<2
Hydro-EVE Acid	<2	<2 UJ	<2	<2
R-EVE	<2	**3.8 J**	<2	**2.2 J**
PES	<2	<2 UJ	<2	<2
PFECA B	<2	<2 UJ	<2	<2
PFECA-G	<2	<2 UJ	<2	<2
Total Table 3+ Compounds (17 compounds)*	**85**	**55**	**120**	**36**
Total Table 3+ Compounds (20 compounds)*	**92**	**68**	**130**	**46**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2.0	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	--	--	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<60	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<110	<2	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	--	--	<2
ADONA	--	<2.1	<2.1	<2.1
DONA	<2	--	--	--
NaDONA	--	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<37	**2.9**	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<35	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**4.5**	**2.2**	**3.5**	**4.3**
Perfluorobutanoic Acid	**6.2**	**5.5**	**9.6**	**9.5**
Perfluorodecane Sulfonic Acid	<2	<2.0	<2	<2
Perfluorodecanoic Acid	<2	<2.0	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2.0	<2	<2
Perfluorododecanoic Acid	<2	<2.0	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2.0	<2	<2
Perfluoroheptanoic Acid	**3.3**	**6**	**13**	**21**
Perfluorohexadecanoic acid (PFHxDA)	--	<2.0	<2	<2
Perfluorohexane Sulfonic Acid	**4.3**	**3.3**	**5**	**5.8**
Perfluorohexanoic Acid	**7.7**	**8**	**19**	**25**
Perfluorononanesulfonic acid	<2	<2.0	<2	<2
Perfluorononanoic Acid	<2	<2.0	<2	<2
Perfluorooctadecanoic acid	<2	<2.0	<2	<2
Perfluorooctane Sulfonamide	<2	<2.0	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2.0	<2	<2
Perfluoropentanoic Acid	**8.2**	**6.2**	**17**	**25**
Perfluorotetradecanoic Acid	<2	<2.0	<2	<2
Perfluorotridecanoic Acid	<2	<2.0	<2	<2
Perfluoroundecanoic Acid	<2	<2.0	<2	<2
PFOA	**6.3**	**7.7**	**8.3**	**9.5**
PFOS	**11**	**12**	**14**	**16**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	24B	24B	24B	24B
Sampling Event	October 2019	December 2019	December 2019	January 2020
Field Sample ID	STW-LOC24B-100919	STW-LOC-24B-122019	STW-LOC-24B-122019-D	STW-LOC24B-012920
Date Sampled	10/9/2019	12/20/2019	12/20/2019	1/29/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	Field Duplicate	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**8.5**	**11 B**	**8.7 B**	**12**
PFMOAA	<5 UJ	**12**	**13**	**8.2 J**
PFO2HxA	**7.1**	**6.5**	**5.1**	**6.2**
PFO3OA	**2**	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	**18**	**27 B**	**29 B**	**24**
PEPA	<20	<20	<20	<20
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	**6.9 J**	<2	**3.7 J**	<2
Hydrolyzed PSDA	**4.4 J**	**5.2 J**	**6.2 J**	**3.7 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	**7**	<2	<2	<2
EVE Acid	**9.6**	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	<2	<2	**2.6 J**	<2
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**52**	**57**	**56**	**50**
Total Table 3+ Compounds (20 compounds)*	**64**	**62**	**68**	**54**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**6.2**	**2.8**	**2.7**	<2
Perfluorobutanoic Acid	**18**	**3.9 J**	**3.9**	**3.9**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**34**	**6.8 J**	**6.8**	**2.8**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**8.5**	**3.1**	**3.2**	**2.1**
Perfluorohexanoic Acid	**49**	**13 J**	**12**	**4.1**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**46**	**8.3 J**	**9.9**	**4.3**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**11**	**4.6 J**	**4.6**	**3**
PFOS	**15**	**7.5**	**7.9**	**5.3**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	24B	24B	24B	24C
Sampling Event	**April 2020**	**May/June 2020**	**August 2020**	**April 2019**
Field Sample ID	**STW-LOC-24B-042820**	**STW-LOC24B-060320**	**STW-LOC-24B-082620**	**DSTW-LOC24C-042419**
Date Sampled	**4/28/2020**	**6/3/2020**	**8/26/2020**	**04/24/2019**
Analytical Laboratory	**TestAmerica**	**TestAmerica**	**TestAmerica**	**--**
QA/QC	**--**	**--**	**--**	**--**
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**16**	**4.7**	**15**	**19**
PFMOAA	**15**	**3.2**	<2	**11 J**
PFO2HxA	**12**	**5.8**	**13**	**12 J**
PFO3OA	**2.4**	<2	**2.1**	<2 UJ
PFO4DA	<2	<2	<2	<2 UJ
PFO5DA	**5.6**	<2	<2	<2 UJ
PMPA	**26**	**33**	**22**	**28 J**
PEPA	<20	<2	<10	<20 UJ
PS Acid	<2	<2	<2	**14 J**
Hydro-PS Acid	<2	<2	<2	**2.1 J**
R-PSDA	<2	<2	**15**	**39 J**
Hydrolyzed PSDA	**5.5 J**	<2	**5.5**	**51 J**
R-PSDCA	<2	<2	<2	<2 UJ
NVHOS	**4.5**	<2	<2	**4 J**
EVE Acid	<2	<2	<2	**6.8 J**
Hydro-EVE Acid	<2	<2	<2	**3.7 J**
R-EVE	**2.2 J**	<2	<2	**36 J**
PES	<2	<2	<2	<2 UJ
PFECA B	<2	<2	<2	<2 UJ
PFECA-G	<2	<2	<2	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**82**	**47**	**52**	**100**
Total Table 3+ Compounds (20 compounds)*	**89**	**47**	**73**	**230**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2.0
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<60
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<110
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	--
ADONA	<2.1	--	--	<2.1
DONA	--	<2	<2	--
NaDONA	<2.1	--	--	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<37
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<35
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.5**	**2.8**	**4.1**	**2**
Perfluorobutanoic Acid	**5.4**	**6.3 J**	**5.3**	**4.7**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**4.4**	**3.5**	**3.3**	**5.9**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**4.4**	**3.1**	**4.1**	**3.4**
Perfluorohexanoic Acid	**9.1**	**7.7**	**6.7**	**7**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**10**	**6.4**	**8.0**	**6.4**
Perfluorotetradecanoic Acid	<2	<2	<2	<2.0
Perfluorotridecanoic Acid	<2	<2	<2	<2.0
Perfluoroundecanoic Acid	<2	<2	<2	<2.0
PFOA	**5.7**	**5.5**	**6.0**	**7.3**
PFOS	**12**	**9**	**12**	**15**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	24C	24C	24C	24C
Sampling Event	June 2019	August 2019	December 2019	January 2020
Field Sample ID	STW-LOC24C-062719	STW-LOC24C-082119	STW-LOC-24C-122019	STW-LOC24C-012920
Date Sampled	06/27/2019	8/21/2019	12/20/2019	1/29/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**16**	**13**	**270**	**11**
PFMOAA	<5	<5	<21	**10 J**
PFO2HxA	**8.6**	**7.6**	**46**	**7.2**
PFO3OA	<2	<2	**20**	<2
PFO4DA	<2	<2	**13**	<2
PFO5DA	<2	<2	**12**	<2
PMPA	**14**	**23**	**61 B**	**26**
PEPA	<20	<20	**31**	<20
PS Acid	**3.5**	**21**	**490**	**4.4**
Hydro-PS Acid	<2	**3.3**	**130**	<2
R-PSDA	**13 J**	**18 J**	**470 J**	**8 J**
Hydrolyzed PSDA	**5.3 J**	**53 J**	**1,300 J**	**44 J**
R-PSDCA	<2	<2	**11**	<2
NVHOS	**2**	**6.7**	**260**	**4.7**
EVE Acid	<2	**2.1**	**930**	**5.6**
Hydro-EVE Acid	<2	<2	**290**	**2.2**
R-EVE	**3.9 J**	**5.4 J**	**170 J**	<2
PES	<2	<2	<4.6	<2
PFECA B	<2	<2	<6	<2
PFECA-G	<2	<2	<4.1	<2
Total Table 3+ Compounds (17 compounds)*	**44**	**77**	**2,600**	**71**
Total Table 3+ Compounds (20 compounds)*	**66**	**150**	**4,500**	**120**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	--	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<2	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	--	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	**2.3**	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.8**	**4.5**	**2.9**	<2
Perfluorobutanoic Acid	**8**	**8.4**	**5.3**	**3.3**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**13**	**22**	**7.1**	**2.8**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**5.1**	**6.1**	**3.2**	**2**
Perfluorohexanoic Acid	**21**	**27**	**13**	**3.9**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**17**	**26**	**11**	**4**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**7.9**	**9.8**	**5.3**	**2.8**
PFOS	**15**	**13**	**8.1**	**5.5**

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	24C	24C	24C	TBLK
Sampling Event	April 2020	May/June 2020	August 2020	April 2019
Field Sample ID	STW-LOC-24C-042820	STW-LOC24C-060320	STW-LOC-24C-082620	DSTW-TB-042519
Date Sampled	4/28/2020	6/3/2020	8/26/2020	04/25/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	Trip Blank
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**16**	**5.6**	**14**	<4.0
PFMOAA	**15**	**3**	**7.4**	<5 UJ
PFO2HxA	**13**	**6.1**	**13**	<2 UJ
PFO3OA	**2.2**	<2	**2.1**	<2 UJ
PFO4DA	<2	<2	<2	<2 UJ
PFO5DA	**5**	<2	<2	<2 UJ
PMPA	**26**	**31**	**47**	<10 UJ
PEPA	<20	<2	<10	<20 UJ
PS Acid	**16**	**8.9**	**2.7**	<2 UJ
Hydro-PS Acid	<2	<2	<2	<2 UJ
R-PSDA	**15 J**	**30 J**	**20**	<2 UJ
Hydrolyzed PSDA	**25 J**	**22 J**	**14**	<2 UJ
R-PSDCA	<2	<2	<2	<2 UJ
NVHOS	**5.2**	**3.4**	**7.5**	<2 UJ
EVE Acid	**5.9**	**2.6**	<2	<2 UJ
Hydro-EVE Acid	**2.4**	<2	<2	<2 UJ
R-EVE	<2	**3.4 J**	**11**	<2 UJ
PES	<2	<2	<2	<2 UJ
PFECA B	<2	<2	<2	<2 UJ
PFECA-G	<2	<2	<2	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**110**	**61**	**94**	ND
Total Table 3+ Compounds (20 compounds)*	**150**	**120**	**140**	ND
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<60
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<110
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	--
ADONA	<2.1	--	--	<2.1
DONA	--	<2	<2	--
NaDONA	<2.1	--	--	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<37
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<35
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.5**	**2.9**	**4.0**	<2
Perfluorobutanoic Acid	**5.4**	**4.9**	**4.8**	<2
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**4.5**	**3.9**	**3.3**	<2
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	--	<2
Perfluorohexane Sulfonic Acid	**4.3**	**2.8**	**4.0**	<2
Perfluorohexanoic Acid	**8.7**	**8**	**6.5**	<2
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**10**	**5.4**	**7.2**	<2
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**6.5**	**5.7**	**5.5**	<2
PFOS	**11**	**10**	**9.2**	<2

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	TBLK	TBLK	TBLK	TBLK
Sampling Event	**June 2019**	**August 2019**	**October 2019**	**December 2019**
Field Sample ID	**STW-TBLK-1**	**STW-TBLK-082219**	**STW-TBLK-100919**	**STW-TB-122619**
Date Sampled	**06/28/2019**	**8/22/2019**	**10/9/2019**	**12/26/2019**
Analytical Laboratory	**TestAmerica**	**TestAmerica**	**TestAmerica**	**TestAmerica**
QA/QC	**Trip Blank**	**Trip Blank**	**Trip Blank**	**Trip Blank**
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	<4	<2	<4	**6.7**
PFMOAA	<5	<5	<5	<5
PFO2HxA	<2	<2	<2	<2
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	<10	<10	<10	**11**
PEPA	<20	<20	<20	<20
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
Total Table 3+ Compounds (17 compounds)*	ND	ND	ND	**18**
Total Table 3+ Compounds (20 compounds)*	ND	ND	ND	**18**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	--	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<2	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	--	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2	<2
Perfluorobutanoic Acid	<2	<2	<2	<2
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	<2	<2	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2	<2	<2	<2
Perfluorohexanoic Acid	<2	<2	<2	<2
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	**2.9**
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	<2	<2	<2	<2
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	**27**
Perfluoroundecanoic Acid	<2	<2	<2	**5**
PFOA	<2	<2	<2	<2
PFOS	<2	<2	<2	<2

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	TBLK	TBLK	TBLK	TBLK
Sampling Event	January 2020	April 2020	May/June 2020	August 2020
Field Sample ID	STW-LOCTB-012920	STW-LOC-TB-042820	STW-TB-052120	STW-TBLK-082620
Date Sampled	1/29/2020	4/28/2020	5/20/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	<4	<4	<2	<4
PFMOAA	<5	<5	<5	<2
PFO2HxA	<2	<2	<2	<2
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	<10	<10	<10	<20
PEPA	<20	<20	<20	<10
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
Total Table 3+ Compounds (17 compounds)*	ND	ND	ND	ND
Total Table 3+ Compounds (20 compounds)*	ND	ND	ND	ND
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	--	--
DONA	--	--	<2	<2
NaDONA	<2.1	<2.1	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2	<2
Perfluorobutanoic Acid	<2	<2	<2	<2
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	<2	<2	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	--
Perfluorohexane Sulfonic Acid	<2	<2	<2	<2
Perfluorohexanoic Acid	<2	<2	<2	<2
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	<2	<2	<2	<2
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	<2	<2	<2	<2
PFOS	<2	<2	<2	<2

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	EQBLK	EQBLK	EQBLK	EQBLK
Sampling Event	**April 2019**	**April 2019**	**April 2019**	**June 2019**
Field Sample ID	**DSTW-EB-01-042419**	**DSTW-EB-02-042419**	**DSTW-EB-03-042419**	**STW-EQBLK-1**
Date Sampled	**04/24/2019**	**04/24/2019**	**04/24/2019**	**06/28/2019**
Analytical Laboratory	**TestAmerica**	**TestAmerica**	**TestAmerica**	**TestAmerica**
QA/QC	**Equipment Blank**	**Equipment Blank**	**Equipment Blank**	**Equipment Blank**
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	<4.0	<4.0	<4.0	<4
PFMOAA	<5 UJ	<5 UJ	<5 UJ	<5
PFO2HxA	<2 UJ	<2 UJ	<2 UJ	<2
PFO3OA	<2 UJ	<2 UJ	<2 UJ	<2
PFO4DA	<2 UJ	<2 UJ	<2 UJ	<2
PFO5DA	<2 UJ	<2 UJ	<2 UJ	<2
PMPA	<10 UJ	<10 UJ	<10 UJ	<10
PEPA	<20 UJ	<20 UJ	<20 UJ	<20
PS Acid	<2 UJ	<2 UJ	<2 UJ	<2
Hydro-PS Acid	<2 UJ	<2 UJ	<2 UJ	<2
R-PSDA	<2 UJ	<2 UJ	<2 UJ	<2
Hydrolyzed PSDA	<2 UJ	<2 UJ	<2 UJ	<2
R-PSDCA	<2 UJ	<2 UJ	<2 UJ	<2
NVHOS	<2 UJ	<2 UJ	<2 UJ	<2
EVE Acid	<2 UJ	<2 UJ	<2 UJ	<2
Hydro-EVE Acid	<2 UJ	<2 UJ	<2 UJ	<2
R-EVE	<2 UJ	<2 UJ	<2 UJ	<2
PES	<2 UJ	<2 UJ	<2 UJ	<2
PFECA B	<2 UJ	<2 UJ	<2 UJ	<2
PFECA-G	<2 UJ	<2 UJ	<2 UJ	<2
Total Table 3+ Compounds (17 compounds)*	ND	ND	ND	ND
Total Table 3+ Compounds (20 compounds)*	ND	ND	ND	ND
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<2
F-53B Minor (11Cl-PF3OUdS)	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	**820 J**	**850 J**	**780 J**	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<110	<110	<110	<2
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	--	--	--	--
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<37 UJ	<37 UJ	<37	<2
N-methyl perfluoro-1-octanesulfonamide	<35	<35	<35	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2.0	<2.0	<2.0	<2
Perfluorobutanoic Acid	<2.0	<2.0	<2.0	<2
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2
Perfluorododecane sulfonic acid (PFDoS)	<2.0	<2.0	<2.0	<2
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2.0	<2.0	<2.0	<2
Perfluoroheptanoic Acid	<2.0	<2.0	<2.0	<2
Perfluorohexadecanoic acid (PFHxDA)	<2.0	<2.0	<2.0	<2
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2
Perfluorohexanoic Acid	<2.0	<2.0	<2.0	<2
Perfluorononanesulfonic acid	<2.0	<2.0	<2.0	<2
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2
Perfluorooctadecanoic acid	<2.0	<2.0	<2.0	<2
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2
Perfluoropentane sulfonic acid (PFPeS)	<2.0	<2.0	<2.0	<2
Perfluoropentanoic Acid	<2.0	<2.0	<2.0	<2
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2
PFOA	<2.0	<2.0	<2.0	<2
PFOS	<2.0	<2.0	<2.0	<2

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	EQBLK	EQBLK	EQBLK	EQBLK
Sampling Event	June 2019	August 2019	August 2019	August 2019
Field Sample ID	STW-EQBLK-2	STW-EB-01-082119	STW-EB-02-082119	STW-EB-03-082119
Date Sampled	06/27/2019	8/21/2019	8/21/2019	8/21/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	<4	<2	<2	<2
PFMOAA	<5	<5	<5	<5
PFO2HxA	<2	<2	<2	<2
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	<10	<10	<10	<10
PEPA	<20	<20	<20	<20
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
Total Table 3+ Compounds (17 compounds)*	ND	ND	ND	ND
Total Table 3+ Compounds (20 compounds)*	ND	ND	ND	ND
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	--	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<2	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	--	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2	<2
Perfluorobutanoic Acid	<2	<2	<2	<2
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	<2	<2	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2	<2	<2	<2
Perfluorohexanoic Acid	<2	<2	<2	<2
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	<2	<2	<2	<2
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	**2**	<2
PFOA	<2	<2	<2	<2
PFOS	<2	<2	<2	<2

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	EQBLK	EQBLK	EQBLK	EQBLK
Sampling Event	October 2019	October 2019	October 2019	December 2019
Field Sample ID	STW-EB-01-100919	STW-EB-02-100919	STW-EB-03-100919	STW-EQBLK-DR-122019
Date Sampled	10/9/2019	10/9/2019	10/9/2019	12/20/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	<4	<4	<4	<4
PFMOAA	<5	<5	<5	<5
PFO2HxA	<2	<2	<2	<2
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	<10	<10	<10	**10**
PEPA	<20	<20	<20	<20
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
Total Table 3+ Compounds (17 compounds)*	ND	ND	ND	**10**
Total Table 3+ Compounds (20 compounds)*	ND	ND	ND	**10**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2	<2
Perfluorobutanoic Acid	<2	<2	<2	<2
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	<2	<2	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2	<2	<2	<2
Perfluorohexanoic Acid	<2	<2	<2	<2
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	<2	<2	<2	<2
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	<2	<2	<2	<2
PFOS	<2	<2	<2	<2

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	EQBLK	EQBLK	EQBLK	EQBLK
Sampling Event	December 2019	January 2020	January 2020	April 2020
Field Sample ID	STW-EQBLK-IO-122019	STW-LOCEB1-012920	STW-LOCEB2-012920	STW-LOC-EB1-042820
Date Sampled	12/20/2019	1/29/2020	1/29/2020	4/28/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	<4	<4	<4	<4
PFMOAA	<5	<5 UJ	<5 UJ	<5
PFO2HxA	<2	<2	<2	<2
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	**10**	<10	<10	<10
PEPA	<20	<20	<20	<20
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
Total Table 3+ Compounds (17 compounds)*	**10**	ND	ND	ND
Total Table 3+ Compounds (20 compounds)*	**10**	ND	ND	ND
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2	<2
Perfluorobutanoic Acid	<2	<2	<2	<2
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	<2	<2	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2	<2	<2	<2
Perfluorohexanoic Acid	<2	<2	<2	<2
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	<2	<2	<2	<2
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	<2	<2	<2	<2
PFOS	<2	<2	<2	<2

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	EQBLK	EQBLK	EB	EB
Sampling Event	April 2020	May/June 2020	August 2020	August 2020
Field Sample ID	STW-LOC-EB2-042820	STW-EB-052120	STW-EQBLK-DR-082620	STW-EQBLK-IS-082620
Date Sampled	4/28/2020	5/20/2020	8/26/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	<4	<2	<4	<4
PFMOAA	<5	<5	<2	<2
PFO2HxA	<2	<2	<2	<2
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	<10	<10	<20	<20
PEPA	<20	<20	<10	<10
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
Total Table 3+ Compounds (17 compounds)*	ND	ND	ND	ND
Total Table 3+ Compounds (20 compounds)*	ND	ND	ND	ND
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	--	--	--
DONA	--	<2	<2	<2
NaDONA	<2.1	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2	<2
Perfluorobutanoic Acid	<2	<2	<2	<2
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	<2	<2	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	--	--
Perfluorohexane Sulfonic Acid	<2	<2	<2	<2
Perfluorohexanoic Acid	<2	<2	<2	<2
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	<2	<2	<2	<2
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	<2	<2	<2	<2
PFOS	<2	<2	<2	<2

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	EB	FBLK	FBLK	FBLK
Sampling Event	August 2020	April 2019	June 2019	August 2019
Field Sample ID	STW-EQBLK-PP-082620	DSTW-TB-042519	STW-LOC-FBLK-1	STW-FB-082119
Date Sampled	8/26/2020	04/25/2019	06/27/2019	8/21/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	Equipment Blank	Field Blank	Field Blank	Field Blank
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	<4	<4.0	<4	<2
PFMOAA	<2	<5 UJ	<5	<5
PFO2HxA	<2	<2 UJ	<2	<2
PFO3OA	<2	<2 UJ	<2	<2
PFO4DA	<2	<2 UJ	<2	<2
PFO5DA	<2	<2 UJ	<2	<2
PMPA	<20	<10 UJ	<10	<10
PEPA	<10	<20 UJ	<20	<20
PS Acid	<2	<2 UJ	<2	<2
Hydro-PS Acid	<2	<2 UJ	<2	<2
R-PSDA	<2	<2 UJ	<2	<2
Hydrolyzed PSDA	<2	<2 UJ	<2	<2
R-PSDCA	<2	<2 UJ	<2	<2
NVHOS	<2	<2 UJ	<2	<2
EVE Acid	<2	<2 UJ	<2	<2
Hydro-EVE Acid	<2	<2 UJ	<2	<2
R-EVE	<2	<2 UJ	<2	<2
PES	<2	<2 UJ	<2	<2
PFECA B	<2	<2 UJ	<2	<2
PFECA-G	<2	<2 UJ	<2	<2
Total Table 3+ Compounds (17 compounds)*	ND	ND	ND	ND
Total Table 3+ Compounds (20 compounds)*	ND	ND	ND	ND
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	--	--	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<60	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<110	<2	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	--	--	<2
ADONA	--	<2.1	<2.1	<2.1
DONA	<2	--	--	--
NaDONA	--	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<37	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<35	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2	<2
Perfluorobutanoic Acid	<2	<2	<2	<2
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	<2	<2	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	--	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2	<2	<2	<2
Perfluorohexanoic Acid	<2	<2	<2	<2
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	<2	<2	<2	<2
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	<2	<2	<2	<2
PFOS	<2	<2	<2	<2

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	FBLK	FBLK	FBLK	FBLK
Sampling Event	October 2019	December 2019	Jannuary 2020	April 2020
Field Sample ID	STW-FB-100919	STW-FBLK-122019	STW-LOCFB-012920	STW-LOC-FB-042820
Date Sampled	10/9/2019	12/20/2019	1/29/2020	4/28/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	Field Blank	Field Blank	Field Blank	Field Blank
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	<4	<4 UJ	<4	<4
PFMOAA	<5	<5	<5 UJ	<5
PFO2HxA	<2	<2	<2	<2
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	<10	**10**	<10	<10
PEPA	<20	<20	<20	<20
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
Total Table 3+ Compounds (17 compounds)*	ND	**10**	ND	ND
Total Table 3+ Compounds (20 compounds)*	ND	**10**	ND	ND
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2	<2
ADONA	<2.1	<2.1	<2.1	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2	<2
Perfluorobutanoic Acid	<2	<2 UJ	<2	<2
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	<2	<2 UJ	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2	<2	<2	<2
Perfluorohexanoic Acid	<2	<2 UJ	<2	<2
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	<2	<2 UJ	<2	<2
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	<2	<2 UJ	<2	<2
PFOS	<2	<2	<2	<2

Table C1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	FBLK	FBLK
Sampling Event	May/June 2020	August 2020
Field Sample ID	STW-FB-052120	STW-FBLK-082620
Date Sampled	5/20/2020	8/26/2020
Analytical Laboratory	TestAmerica	TestAmerica
QA/QC	Field Blank	Field Blank
Table 3+ Lab SOP (ng/L)		
HFPO-DA (EPA Method 537 Mod)	<2	<4
PFMOAA	<5	<2
PFO2HxA	<2	<2
PFO3OA	<2	<2
PFO4DA	<2	<2
PFO5DA	<2	<2
PMPA	<10	<20
PEPA	<20	<10
PS Acid	<2	<2
Hydro-PS Acid	<2	<2
R-PSDA	<2	<2
Hydrolyzed PSDA	<2	<2
R-PSDCA	<2	<2
NVHOS	<2	<2
EVE Acid	<2	<2
Hydro-EVE Acid	<2	<2
R-EVE	<2	<2
PES	<2	<2
PFECA B	<2	<2
PFECA-G	<2	<2
Total Table 3+ Compounds (17 compounds)*	ND	ND
Total Table 3+ Compounds (20 compounds)*	ND	ND
Other PFAS (ng/L)		
10:2 Fluorotelomer sulfonate	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<2
ADONA	--	--
DONA	<2	<2
NaDONA	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2
Perfluorobutanoic Acid	<2	<2
Perfluorodecane Sulfonic Acid	<2	<2
Perfluorodecanoic Acid	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2
Perfluorododecanoic Acid	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2
Perfluoroheptanoic Acid	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	<2	--
Perfluorohexane Sulfonic Acid	<2	<2
Perfluorohexanoic Acid	<2	<2
Perfluorononanesulfonic acid	<2	<2
Perfluorononanoic Acid	<2	<2
Perfluorooctadecanoic acid	<2	<2
Perfluorooctane Sulfonamide	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2
Perfluoropentanoic Acid	<2	<2
Perfluorotetradecanoic Acid	<2	<2
Perfluorotridecanoic Acid	<2	<2
Perfluoroundecanoic Acid	<2	<2
PFOA	<2	<2
PFOS	<2	<2

Notes:

* - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.

Samples collected in May 2020 and June 2020 are considered one sampling event, the May/June 2020 event. Locations containing stormwater were collected in May 2020 during a storm event. Locations that had no influence from stormwater were collected in June 2020.

Locations sampled in May 2020 were collected on May 20, 2020, and sample bottles were retrieved on May 21, 2020. Locations sampled in June 2020 were collected on June 3, 2020, and some sample bottles were retrieved on June 5, 2020.

Total Table 3+ (17 compounds) excludes Hydrolyzed PSDA, R-PSDA and R-EVE because these 3 compounds are not considered accurate due to significant matrix interference issues. All detected concentrations for these 3 compounds have been retrospectively J-qualified.

Bold - Analyte detected above associated reporting limit

EPA - Environmental Protection Agency

B - Not detected substantially above the level reported in the laboratory or field blanks.

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

ND - No Table 3+ compounds were detected above their associated reporting limits.

ng/L - nanograms per liter

QA/QC - Quality assurance/ quality control

R - Reject. The presence or absence of the analyte cannot be verified.

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

-- - No data reported

< - Analyte not detected above associated reporting limit.