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

Quarterly Report #5

Prepared for

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ACRONYMS AND ABBREVIATIONS

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
HDPE	High Density Polyethylene
HFPO-DA	Hexafluoropropylene oxide dimer acid
HRT	Hydraulic residence time
Hydrolyzed PSDA	2-fluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro sulfoethoxy)propoxy]-acetic acid
mg/L	milligrams per liter
mL	milliliter
MS	matrix spike
MSD	matrix spike duplicates
mV	millivolts
ng/L	nanograms per liter
NTU	nephelometric turbidity units
ORP	Oxidation/Reduction Potential
PFAS	per- and polyfluoroalkyl substances
PFMOAA	2,2-difluoro-2-(trifluoromethoxy) acetic acid
PFO2HxA	perfluoro-3,5-dioxahexanoic acid
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
RPD	Relative percent difference
SC	Specific conductance
SOP	Standard Operating Procedure

TestAmerica	TestAmerica Sacramento
WWTP	Wastewater treatment plant
ºC	Degrees Celsius
µmho	micromhos

"I certify that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this report, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete."

7/31/2020

Adrienne Nemura, North Carolina Licensed Professional Engineer 038141

Geosyntec Consultants of NC, PC is licensed to practice engineering in North Carolina. The certification number (Firm's License Number) is C-3500.

1. INTRODUCTION

This report was prepared by Geosyntec Consultants of NC, P.C. (Geosyntec) for The Chemours Company FC, LLC (Chemours) to provide a quarterly update on the identification 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 is prepared 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 is the fifth quarterly report addressing Paragraph 11(c) of the Consent Order. The objective of this report, as stated in the PFAS Characterization Sampling Plan (Geosyntec, 2019a), is 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.

1.1 Background

Chemours submitted an updated PFAS Characterization Sampling Plan to DEQ on May 6, 2019 (Geosyntec, 2019a) based on comments received on the draft plan submitted on December 30, 2018. On June 19, 2019, DEQ provided written approval of the PFAS Characterization Sampling Plan to Chemours.

The first quarterly report for this program was submitted on July 31, 2019 (Geosyntec, 2019b) and contained data for the 2019 Quarter 2 period (April, May and June). The first bimonthly PFAS characterization sampling event took place on April 24, 2019 (the April 2019 event). Samples were also collected on June 27 and June 28, 2019 (the June 2019 event), but data were pending at the time of submission of the first report.

The second quarterly report for this program was submitted on October 31, 2019 (Geosyntec, 2019c) and contained data for the 2019 Quarter 3 period (July, August, September), including samples collected on August 21 and 22, 2019 (the August 2019 event), as well as the June 2019 event PFAS characterization data that was pending at the time of submission of the first report.

The third quarterly report for this program was submitted on January 31, 2020 (Geosyntec, 2020a) and contained data for the 2019 Quarter 4 period (October, November, December). Samples were collected on October 9 and October 10, 2019 (the October 2019 event) and on December 20 and 23, 2019 (the December 2019 event).

The fourth quarterly report for this program was submitted on April 30, 2020 (Geosyntec, 2020b) and contained data for the 2020 Quarter 1 period (January, February, March). Samples were collected on January 29 and January 31, 2020 (the January 2020 event). The following recommendations were made in the fourth quarterly report:

- Further evaluation into the source of PFAS observed at Location 8 (effluent from the Wastewater Treatment Plant [WWTP]);
- Evaluation of the PFAS related to the WWTP after the Terracotta Pipe feeding into the WWTP has been decommissioned in 2021;
- Sample collection at Location 8 (effluent from the WWTP) concurrent with sampling at other locations;
- Collection of temporal composite samples at Location 22 (influent to the WWTP);
- Collection of samples at locations made up entirely of stormwater only if the water is hydraulically connected to Outfall 002;
- Use of additional location-specific field forms providing information on water conditions at the time of sampling; and
- Conducting a bimonthly sampling event during a wet (rainfall/ storm) event, as described in Geosyntec (2019a).

1.2 Activities Completed for this Quarterly Report

The activity period for this quarterly report includes 2020 Quarter 2 (April, May, June). Table 1 provides a summary of the proposed sample locations to be collected at the Facility (Geosyntec, 2019a). In this quarter, process wastewater and non-process wastewater samples were collected for the seventh bimonthly PFAS characterization sampling event on April 28, 2020 (the April 2020 event). Additionally, process wastewater, non-process wastewater, and stormwater samples were collected for the eighth bimonthly PFAS characterization sampling event on May 20, 2020 and June 3, 2020 (the May/June 2020 event). These samples were collected as outlined in the PFAS Characterization Sampling Plan (Geosyntec, 2019a) to address requirements specified in Paragraph 11(b) in the executed Consent Order, with adjustments made based on recommendations in prior reports (Geosyntec 2019a, 2019b, 2019c, 2020a, and 2020b).

Previous bimonthly sampling events were conducted during dry periods; the April 2020 event was also conducted during a dry period. The May/June 2020 event was subdivided into a wet (rainfall/ storm) weather event in May followed by a dry weather event in June: locations that include stormwater were sampled during a rainfall event in May 2020 and locations that do not include stormwater were sampled in a subsequent dry period in

June 2020. The delay between collection of stormwater and non-stormwater locations was implemented to ensure that stormwater samples were prioritized during the rain event. Locations that do not contain stormwater are not expected to show significant temporal variation over short time periods, so they were sampled in subsequent dry weather. Samples collected during the wet event were included to characterize PFAS in stormwater at the Facility, pursuant to Paragraph 11(c) of the executed consent order, and to complement the findings from prior dry weather sampling events.

During 2020 Quarter 2, additional investigations to more fully contextualize WWTP operations as part of this program were conducted. Interpretation of the results of these investigations are still on-going as of July 2020 and the findings and recommendations will be submitted in a future report.

During 2020 Quarter 2, efforts to quantify flow rates in the Facility's conveyance network were initialized to support the evaluation of PFAS mass from different areas within the Facility. These efforts are still on-going as of July 2020 and the findings for the mass evaluation will be submitted in a future quarterly report.

Supplemental targeted stormwater sampling was conducted in 2020 Quarter 1 to characterize potential stormwater-related PFAS sources in the Monomers/IXM area and the Polymer Processing Aid (PPA) area as outlined in the Cape Fear River PFAS Mass Loading Reduction Plan (Geosyntec, 2019d). Evaluation of these data are on-going as of July 2020 and will be reported in a separate targeted stormwater report.

1.3 Report Organization

The remainder of this document is organized as follows:

- **Section 2 – Methods**: this section describes the methods employed for sample collection and analysis;
- **Section 3 – Results and Observations**: this section describes the PFAS concentrations in investigative samples and quality control samples;
- **Section 4 – Sampling Program Status**: this section describes planned sampling activities and supplemental sampling activities that support PFAS characterization at the Facility;
- **Section 5 – Summary and Recommendations:** this section summarizes activities conducted, observations of results, recommended supplemental sampling activities, and any recommended changes to the sampling plan; and
- **Section 6 – References**: this section lists the documents referenced in the report.

2. METHODS

This section describes the methods implemented for data reported in this 2020 Quarter 2 report.

2.1 Sample Locations

Proposed sample locations outlined in the PFAS Characterization Sampling Plan (Geosyntec, 2019a) are described in Table 1 and shown in Figure 2. 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 April 2020 event, investigative samples were collected from twenty (20) locations listed in Table 2. Locations 2, 3, 4, 5, 11, 12, and 13 were not sampled for the April 2020 event as there was insufficient water at these locations during the sampling event because it 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. The south sediment pond (Location 21A) was active during the April 2020 event and a sample was collected from this pond. Location 10 was not sampled during the April 2020 event, since it was not hydraulically connected to Outfall 002 during the dry sampling event. Locations 7C and 10A were added to the sampling plan after the April 2020 event, so they were not sampled during the April 2020 event.

In the May/June 2020 event, investigative samples were collected from thirty (30) locations listed in Table 2. Nineteen (19) investigative samples were collected from locations that contain stormwater in the May storm event and eleven (11) investigative samples were collected from locations that do not contain stormwater in the June dry event. Locations 2, 3, 4, 5, 11, and 13 were all sampled for the first time under the Paragraph 11 bimonthly sampling program since the May/June event included a storm event in May and these locations were dry during all previous events. Locations 7C and 10A were also sampled for the first time after being added to the workplan following the April 2020 event. Similar to the April 2020 event, the south sediment pond (Location 21A) was active during the May/June 2020 event and a sample was collected from this pond.

2.2 Field Methods

2.2.1 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 was used to record information regarding additional items such as quality assurance/ quality control (QA/QC), sample identifications, color, odor, turbidity, and other field parameters.

2.2.2 Decontamination Methods

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

2.2.3 Grab Sampling Methods

Grab samples were collected during the April and May/June 2020 events from locations where temporal variability over the course of one day was not expected. These locations include non-process wastewater, process wastewater samples, and stormwater samples, and are identified in Table 2 and shown on Figure 2. 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.

2.2.4 Temporal Composite Sampling Methods

Temporal composite samples were collected during the April and May/June 2020 event 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 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 twice for temporal composite samples: once during composite sampling (collected directly from the water stream), and once after composite sampling (collected from the autosampler 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, as discussed in Section 2.2.5 below.

In accordance with recommendations from Geosyntec (2020b), Location 8 (effluent from the WWTP) was collected concurrently with sampling at other locations. The hydraulic residence time (HRT) of the WWTP was initially estimated to be approximately 40 hours between Location 22 (influent to the WWTP) and Location 8. Additional investigation into WWTP operations during 2020 Quarter 1 indicated the HRT is approximately 12 days based on current operations. Due to the variability in the HRT, Location 8 was recommended to be collected concurrently with other sample locations.

2.2.5 Wet Event Sampling Methods

The May/June 2020 event was subdivided into 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 a 11-day antecedent dry period. The storm event began on May 18, 2020 and lasted through May 21, 2020, and there was a total of 3.2

inches of rainfall during the storm event. Composite samples were collected between 6:28 pm and 10:12 pm on May 20, 2020. Approximately 1.2 inches of rain had fallen (since of the start of the storm event) when composite sample collection began. However, there was only approximately 0.4 inches of rainfall in the 22 hours prior to sample collection. There was approximately 1.1 inches of rainfall during the 3.75 hour sample collection period. Therefore, samples were collected during peak intensity of the storm event.

These samples were composited over approximately 2 hours (110 to 120 minutes) to correspond to the forecasted storm length, with the following exceptions:

- Location 2 was a 10-minute composite due to autosampler battery failure;
- Location 11 was a 60-minute composite due to autosampler battery failure;
- Location 14 was an 80-minute composite due to autosampler battery failure; and
- Location 21A was collected as a grab sample since the sample is collected from a sediment pond and not from flowing water.

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 sampled on June 3, 2020 during dry weather following 72 hours with less than 0.5 inches of rain (0.02 inches total), since these locations are known not to contain stormwater. The non-stormwater locations were sampled after the stormwater locations in a subsequent dry period to ensure that stormwater samples were prioritized during the rain event. Locations that do not contain stormwater are not expected to show significant temporal variation over short time periods. Location 8 was sampled during both the storm event in May and the dry event in June so that contributions from stormwater could be evaluated at Location 8 in May and so that Location 8 could be compared to Location 22, the influent to the WWTP, during dry weather in June.

Pressure transducer data and cross-sectional area data were collected from the Facility conveyance network during the May 20 sample collection to calculate flow rates to support an evaluation of PFAS mass reaching Outfall 002. The results of the May 20 sampling are still under evaluation and will be discussed in a subsequent report.

2.2.6 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.

2.2.7 Field QA/QC Samples

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

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

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

- Two blind field duplicates;
- One autosampler equipment blank;
- One field blank; and
- One trip blank.

2.2.8 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.

2.3 Laboratory Methods

2.3.1 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.

2.3.2 Laboratory and Field QA/QC

Field sampling and laboratory analyses were performed 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 largely in accordance with the PFAS Characterization Sampling Plan (Geosyntec, 2019a), and deviations, listed below, were acceptable since previous QA/QC samples have met criteria.

- An equipment blank was not collected for the dip rod in the May/June 2020 event. Equipment blanks collected for the dip rod in previous events were non-detect for all PFAS except 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol in the April 2019 event. This is discussed further in the first quarterly report (Geosyntec, 2019b).
- Blank samples associated with the May/June 2020 event were collected on May 20, 2020. Equipment blanks, field blanks, and trip blanks associated with samples under the PFAS Characterization Sampling Plan (Geosyntec, 2019a) are typically non-detect for all measured PFAS with minor exceptions in the April 2019 event and the December 2019 event. These are discussed further in the first quarterly report (Geosyntec, 2019b) and the third quarterly report (Geosyntec, 2020a).

3. RESULTS AND OBSERVATIONS

3.1 Data Quality

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 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, 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
- B – Not detected substantially above the level reported in the laboratory or field blanks.

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 are believed to be complete, representative and comparable, with the exception of 2,2,3,3,4,5,5,5-octafluoro-4-(1,1,2,2-tetrafluoro-2-sulfoethoxy)-pentanoic acid (R-PSDA), 2-fluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro-2-sulfoethoxy)propoxy]-acetic acid (Hydrolyzed PSDA), and 4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5,5-octafluoro-pentanoic acid (R-EVE).

As reported in the *Matrix Interference During Analysis of Table 3+ Compounds* memorandum (Geosyntec, 2020c), studies conducted by the analytical laboratory (TestAmerica, Sacramento) have shown that the quantitation of these 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 two ways in this report: (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. In other words, the sum of all 17 compounds could be an underestimate of the actual value while the sum of the 20 compounds is an overestimate of the actual value.

3.1.1 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 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.

3.1.2 QA/QC Samples

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

April 2020

- The RPD for field duplicate pairs in the April 2020 event were less than 30% for all PFAS.
- No PFAS were detected above the associated reporting limits in the April 2020 Equipment Blanks (2), Trip Blank, or Field Blank.

May/ June 2020

- The RPD for field duplicate pairs in the May/June 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 May/June 2020 Equipment Blank, Trip Blank, or Field Blank.

3.2 Investigative Sample Results

PFAS concentrations for all sample locations in the April 2020 event and the May/June 2020 event are provided in Table 4. Figure 3A presents hexafluoropropylene oxide dimer acid (HFPO-DA), 2,2-difluoro-2-(trifluoromethoxy) acetic acid (PFMOAA), and perfluoromethoxypropyl carboxylic acid (PMPA) concentrations for locations that reach Outfall 002 that were sampled during dry events in 2020 (i.e., locations sampled in January, April, and June 2020). Figures 3B and 3C present the Total Table 3+ concentrations (summed over 17 compounds and 20 compounds respectively as discussed in Section 3.1) for locations that reach Outfall 002 that were sampled during dry events in 2020 (i.e., locations sampled in January, April, and June 2020). Figure 3D presents HFPO-DA, PFMOAA, and PMPA concentrations for locations that reach Outfall 002 that were sampled during the storm event in May 2020. Figures 3E and 3F present the Total Table 3+ concentrations (summed over 17 compounds and 20 compounds respectively as discussed in Section 3.1) for locations that reach Outfall 002 that were sampled during the storm event in May 2020. Appendix A presents a summary of the PFAS concentrations in the samples collected to date. Table 5 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 April 2020 data and the May/June 2020 data were determined by the laboratories.

Field parameter data are provided in Appendix B. TestAmerica analytical reports and the data review narrative whitebooks are provided in Appendix C.

3.3 Observations

The following observations are made based on sample group type for the April 2020 event and the May/June 2020 event.

3.3.1 Intake River Water at Facility

Observations for the Intake River Water at the Facility (Location 1) during the April 2020 dry event and the May 2020 storm event are summarized below:

- The sample from April 2020 had low PFAS concentrations consistent with previous dry events (total Table 3+ concentration: 70 ng/L [17 compounds] and 86 ng/L [20 compounds] (Figures 3B and 3C).
- The sample from the May 2020 storm event had slightly elevated PFAS concentrations compared to most of the previous dry events (total Table 3+ concentration: 100 ng/L [17 compounds] and 140 ng/L [20 compounds]) (Figures 3E and 3F).
- Detected PFAS at this location were generally observed in other Facility locations that derive water from the river intake, including elevated concentrations during the May 2020 rain event.

3.3.2 Process Wastewater

Key observations for process wastewater locations (Locations 18, 19A, 19B and 23B) sampled during the April 2020 dry event and the June 2020 dry event are provided below:

Location 18 (Kuraray Process Wastewater)

- HFPO-DA, PFMOAA, and PMPA concentrations were similar to or lower than previous events (Figure 3A, Appendix A).
- HFPO-DA, PFMOAA, and PMPA concentrations have generally been lower than Location 1 throughout the sampling program.

Locations 19A (DuPont Plant 1 Process Wastewater) and 19B (DuPont Plant 2 Process Wastewater)

- PFAS concentrations at Location 19A were elevated in June 2020 compared to April 2020, but total Table 3+ concentrations from both events were lower than or similar to the total Table 3+ concentration measured at Location 1 (Figures 3B and 3C). Only the sample collected in December 2019 had elevated PFAS concentrations compared to Location 1.
- PFAS concentrations at Location 19B were lower in April 2020 than in January 2020, and were lower in June 2020 than in all previous sampling events. These results suggest that the elevated detections in January 2020 are not an ongoing occurrence (Figure 3B and 3C).

Location 23B (Kuraray Laboratory Process Wastewater)

- PFAS concentrations at Location 23B in April 2020 and June 2020 were similar to those reported in January 2020 (Figures 3A-3C).

- Location 23B has generally reported total Table 3+ concentrations higher than the total Table 3+ concentrations observed at Location 1, but significantly lower than concentrations observed at Location 23B in June 2019 and October 2019 (Appendix A).

3.3.3 Non-Process Wastewater

Key observations for non-process wastewater locations (Locations 6A, 6B, 24A, 24B, and 24C) sampled during the April 2020 dry event and the June 2020 dry event are provided below:

Locations 6A and 6B (Kuraray Area Non-Process Wastewater)

- Samples collected in April 2020 and June 2020 contained low levels of HFPO-DA (ranging from 4.5 [J qualified] to 17 ng/L); PFMOAA (ranging from <2 ng/L [UJ qualified] to 9.9 ng/L); and PMPA (ranging from 14 ng/L [J qualified] to 31 ng/L) (Figure 3A), generally similar to samples collected at Location 1.

Locations 24A, 24B, and 24C (Monomers IXM Non-Process Wastewater)

- In April 2020, total Table 3+ PFAS concentrations at Locations 24A and 24B were similar to prior sampling events. In June 2020, Location 24B also had similar total Table 3+ PFAS concentrations compared to previous events (Appendix A).
- Location 24A had elevated total Table 3+ concentrations in June 2020 compared to previous events; however, all detected table 3+ PFAS were J-qualified due to hold time exceedances and high RPDs observed between field duplicate and parent sample, suggesting that the results for both parent sample and field duplicate may be imprecise (Appendix A).
- PFAS concentrations at Location 24C were significantly lower in April 2020 and June 2020 compared to December 2019 (Appendix A), when elevated PFAS concentrations were observed. This suggests the temporary increase in PFAS concentrations have returned to normal levels.

3.3.4 Stormwater

Key observations for stormwater only locations (Locations 2, 3, 4, 5, 10, and 11) sampled during the May 2020 storm event are provided below:

Location 10 (Monomers IXM Stormwater)

- This location was not sampled in April 2020 as it was not hydraulically connected to Outfall 002 on the sampling date, as recommended in the fourth quarterly report (Geosyntec, 2020b).
- For the May 2020 storm event, the water analyzed from this location had the highest total Table 3+ PFAS concentration of all the stormwater locations (9,800 ng/L [17 compounds] and 11,000 ng/L [20 compounds]). These concentrations are less than the concentrations observed in January 2020 (Figures 3E and 3F).
- Due to the elevation at this location being very similar to the elevations of the site conveyance network just downstream (i.e., the slope just downstream is fairly flat), stormwater (from the stormwater only ditch flowing north to south) does not fully drain through the site conveyance network following storm events, and some stormwater remains stagnant in the ditch at Location 10. Elevated PFAS concentrations at this location may be due to ongoing PFAS contributions from stormwater inflows that were not fully flushed from the channel. Treatment of these flows are planned as part of the stormwater active treatment system, to be constructed by the end of June 2021.

Locations 2 (Kuraray northern area stormwater), 3 (PPA stormwater), 4 (combined Kuraray northern area and PPA stormwater), 5 (Kuraray southern area stormwater), and 11 (Decommissioned Teflon area stormwater)

- These locations were sampled for the first time under the Paragraph 11(c) bimonthly sampling program in the May 2020 storm event. In previous sampling events, these locations were dry.
- Location 2 had the highest total Table 3+ PFAS concentration of these locations (3,000 ng/L [17 compounds] and 3,100 ng/L [20 compounds]) (Figures 3E and 3F).
- Locations 4 and 5 had elevated total Table 3+ PFAS concentrations compared to Location 1 but these concentrations are lower than downstream locations including Locations 7A, 7B, and 7C (Figures 3E and 3F).
- PFAS concentrations at Locations 2 and 3 were greater than PFAS concentrations at Location 4, directly downstream of Locations 2 and 3. These observations will be investigated further through additional sample collection and flow evaluation in wet weather.
- Location 11 had elevated total Table 3+ PFAS concentrations compared to Location 1. The total Table 3+ PFAS concentrations observed here are higher than

those observed at Location 12, which is downstream of Location 11 before this water connects to the Open Channel (Figures 3E and 3F).

3.3.5 Non-Process Wastewater and Stormwater

Key observations for locations that include non-process wastewater and stormwater sampled during the April 2020 dry event and the May 2020 storm event are provided below. These locations include Locations 7A (non-process wastewater and stormwater from the western portion of the Facility), 9 and 10A (non-process wastewater and stormwater from Monomers IXM), 12, 13, and 14 (DuPont area non-process wastewater and stormwater), 15 (non-process wastewater and stormwater from the eastern portion of the Facility) and 21A (sediment basin south).

Non-process wastewater and stormwater locations sampled in April 2020 (dry event):

- Samples that contained both non-process wastewater and stormwater generally had PFAS detected at similar or slightly higher concentrations than the non-process wastewater only locations.
- Location 21A and Location 15 had the highest Total Table 3+ concentrations among non-process wastewater and stormwater locations (Location 21A: 340 ng/L [17 compounds] and 370 ng/L [20 compounds]; Location 15: 270 ng/L [17 compounds] and 650 ng/L [20 compounds]) (Table 4, Figures 3B and 3C).
- Locations 7A and 9 are in the Open Channel to Outfall 002 and the Cooling Water Channel, respectively, where sediment removal occurred during the Plant Turn Around in late October 2019. PFAS concentrations continue to be lower at these locations in dry events compared to the October event, which took place before sediment removal (Appendix A).

Non-process wastewater and stormwater sampled in May 2020 (storm event):

- Samples collected at Locations 7A, 9, 12, 14, 15 and 21A contained higher total Table 3+ PFAS concentrations than samples collected from these locations during all dry sampling events (Appendix A).
- Location 9 and Location 15 contain stormwater and non-process wastewater from the Monomers IXM area, and these locations had the highest PFAS concentrations of the combined non-process wastewater and stormwater locations.
- Location 10A was added to the sampling plan after the April 2020 event, and had elevated total Table 3+ concentrations (21,000 ng/L [17 compounds] and 24,000 ng/L [20 compounds] compared to the upstream locations that feed into it (Locations 9 and 10) (Table 4, Figures 3E and 3F).

- Location 13 was dry during all previous dry sampling events, and had elevated total Table 3+ concentrations (1,300 ng/L [17 compounds] and 1,700 ng/L [20 compounds]) compared to Location 12, the other drainage point for the DuPont area into the Open Channel (Table 4, Figures 3E and 3F).

3.3.6 Process and Non-Process Wastewater

Key observations for locations that include process wastewater and non-process wastewater (Locations 22 and 23A) collected during the April 2020 dry event and the June 2020 dry event are provided below:

Location 23A (Kuraray northern area process wastewater and non-process wastewater)

- The sample collected in April 2020 had total Table 3+ concentrations similar to those observed in the January 2020 event, and lower than all previous events (6,600 ng/L [17 compounds] and 8,500 ng/L [20 compounds]) (Appendix A).
- The sample collected in June 2020 at this location had elevated total Table 3+ concentrations (29,000 ng/L [17 compounds] and 38,000 ng/L [20 compounds]); however, all detected Table 3+ compounds were J-qualified as estimated in this sample due to hold time exceedances (Appendix A, Figures 3B and 3C).
- The source of elevated PFAS concentrations at Location 23A is being explored via ongoing investigation into WWTP operations.

Location 22 (WWTP Combined Influent)

- Similar to observations in previous events, in April 2020 and in June 2020, several PFAS, including HFPO-DA, PFMOAA, and PMPA were detected at lower concentrations at Location 22, the influent to the WWTP, compared to Location 8, the effluent of the WWTP (Figure 3A).
- Further investigation into WWTP operations to better understand PFAS dynamics at the WWTP is ongoing.

3.3.7 Process and Non-Process Wastewater and Stormwater

Key observations for locations that include process wastewater, non-process wastewater, and stormwater (Locations 7B, 7C, 8, and 20) collected during the April 2020 dry event, the May 2020 storm event, and the June 2020 dry event are provided below:

Location 8 (WWTP Effluent)

- The sample collected in May 2020 contained stormwater and the samples collected in April and June 2020 are not considered to contain stormwater, as there was little to no rain (0 inches in April and 0.02 inches in May) recorded at the meteorological station in the 72 hours leading up to sample collection (Table 5).
- The sample collected in May 2020 had higher total Table 3+ concentrations (14,000 ng/L [17 compounds] and 15,000 ng/L [20 compounds]) than the sample collected in April 2020 (560 ng/L [17 compounds] and 930 ng/L [20 compounds]) and in June 2020 (970 ng/L [17 compounds] and 1,700 ng/L [20 compounds]) (Table 4, Figures 3B, 3C, 3E, and 3F).

Locations 7B, 7C, and 20 (Locations along the Open Channel to Outfall 002)

- The sample collected at Location 20 (Outfall 002) in the April 2020 dry event had detectable concentrations of HFPO-DA (41 ng/L), PFMOAA (14 ng/L), and PMPA (31 ng/L) (Figure 3A), with total Table 3+ concentrations similar to most previous sampling events (Appendix A).
- The sample collected at Location 20 in the May 2020 storm event had higher concentrations of HFPO-DA (940 ng/L), PFMOAA (850 ng/L), and PMPA (200 ng/L) than the April event (Figure 3D).
- Location 7C, upstream of Outfall 002 and downstream of the final surface water input to the Open Channel, had concentrations lower than those observed at Location 20 in May 2020 storm event (HFPO-DA [460 ng/L], PFMOAA [380 ng/L], and PMPA [100 ng/L]) (Figure 3D).
- The potential variability in PFAS concentrations between Location 7C and Location 20 is being assessed through sampling along the Open Channel and will be discussed in a separate report.
- In the April 2020 dry event and the May 2020 storm event, the total Table 3+ concentration at Location 20 was higher than the concentration at upstream Location 7B and lower than the concentration at upstream Location 15, the two main water streams that combine to form the total flow at Locations 7C and 20 (Figures 3B, 3C, 3E, and 3F).
- Total PFAS concentrations at Locations 7B and 20 during the April 2020 dry event were generally lower than what was observed prior to sediment removal during the Plant Turn Around, consistent with the December 2019 dry event and the January 2020 dry event (Appendix A).

- Total Table 3+ PFAS concentrations at Locations 7B and 20 during the May 2020 storm event were elevated compared to previous dry events. These results are being assessed in a separate targeted stormwater evaluation.
- Figures 4A, 4B, and 4C (time trends for HFPO-DA, PFMOAA, and PMPA observed at Location 20 from January 2019 to June 2020) indicate elevated concentrations during the annual Plant Turn Around in mid- to late-October when there was low to no flow (Geosyntec, 2020a), likely due to:
    - An increase in PFAS-containing sediment in the water column due to disturbance of the sediment during sediment removal, and
    - Flow at Outfall 002 primarily consisting of stormwater during the Plant Turn Around, which has shown higher PFAS concentrations compared to non-process wastewater according to the results for samples collected during the May 2020 storm event.
- Despite elevated PFAS concentrations observed at Location 20 during the annual Plant Turn Around, the lack of flow from the Facility at this time means that PFAS mass loading to the Cape Fear River from Outfall 002 was minimal.
- PFAS concentrations measured at Outfall 002 generally decreased once the plant was operational again in early November and continued to be under peak levels through mid-June 2020.

4. SAMPLING PROGRAM STATUS

A description of activities planned for the next quarter are provided below.

4.1 Activities Planned for Next Quarter

As described in the PFAS Characterization Sampling Plan (Geosyntec, 2019a), PFAS characterization samples are to be collected from the Facility on a bimonthly basis. The next sampling event will occur in August 2020, which will include sample collection from locations that contain water that reaches Outfall 002. The August 2020 event will take place during dry weather and will include calculation of dry weather flow rates at select locations throughout the Facility conveyance network. This will allow for dry weather PFAS mass contributions to be estimated from different areas at the Facility.

Activities conducted as a part of the ongoing investigation into the WWTP, targeted stormwater investigation, and mass loading assessments, as well as any recommendations for additional sampling and analysis, will be submitted in a future report.

5. SUMMARY AND RECOMMENDATIONS

Pursuant to Consent Order Paragraph 11(c), Chemours conducted two sample characterization events in 2020 Quarter 2 and these results are presented in this report. Sampling events included the April 2020 event and the May/June 2020 event, which was subdivided into a wet weather event in May and a dry weather event in June. The following conclusions can be drawn based on the samples collected during dry weather:

- Location 1 (the intake river water at facility) contains PFAS and this water is then distributed throughout the Facility.
- Process wastewater only locations that reach Outfall 002 (Locations 18, 19A, 19B, and 23B) generally have low PFAS concentrations, similar to those observed at the intake river water at facility.
- Non-process wastewater only locations (Locations 6A, 6B, 24A, 24B, and 24C) generally have low PFAS concentrations, similar to those observed at the intake river water at facility.

Additionally, the following conclusions can be drawn based on samples collected during wet weather:

- Results for samples collected during the May 2020 storm event indicate that stormwater mass loading may be a significant contributor to PFAS in locations that reach Outfall 002 during storm events.
    - Locations 2, 3, 4, 5, 11, and 13 all contain stormwater during rain events and have been otherwise dry in previous sampling events. They all exhibited elevated PFAS concentrations compared to the intake water.
    - Location 10A was also sampled for the first time in May 2020 after it was added to the sampling plan following the April 2020 event. This location had similar PFAS concentrations to Locations 9 and 10, directly upstream of Location 10A.
    - Other stormwater-containing locations (7A, 7B, 8, 9, 12, 14, 15, 20, and 21A) that were sampled in the May 2020 storm event and were previously sampled during dry events contained elevated PFAS compared to most samples collected at these locations during the dry events.

Further investigations are ongoing to continue to evaluate the following observations:

- PFAS concentrations at Location 8 (WWTP effluent) are greater than the PFAS concentrations at Location 22 (WWTP influent). Further evaluation into the

source of PFAS observed at Location 8 in the April 2020 event, the May/June 2020 event, and during prior events is ongoing. A summary of the supplemental WWTP sampling plan and operations investigation will be provided in a separate report.

- Samples collected at locations on the Terracotta pipe, particularly Location 23A, continue to contain elevated PFAS compared to the WWTP influent and effluent. Portions of the Terracotta Pipe have been decommissioned and the remaining portions of the Terracotta Pipe will be decommissioned in 2021.
- In previous bimonthly sampling events, PFAS concentrations observed at Location 20 have been higher than those observed at the main surface water streams that combine to form the flow towards Location 20. Further evaluation into potential non-surface water sources of PFAS to the Open Channel is ongoing, including further observation of PFAS detected at Locations 7C and 20 and assessment of potential groundwater infiltration into the Open Channel. The results of this investigation will be provided in a future report.

Chemours will continue to collect bimonthly samples to characterize PFAS in process wastewater, non-process wastewater, and stormwater at the Facility. Results for further bimonthly sampling events and the additional investigations described above will be provided in future reports.

6. 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, 2019e. 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. Matrix Interference During Analysis of Table 3+ Compounds. Chemours Fayetteville Works. July 31, 2020.

TABLES

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

Sample Number	Sample Location Description	Sampling Method	Sample Category				Sample Included in May 2019 PFAS Characterization Plan
			Intake at Facility/Outfall	Process water	Non-process wastewater	Stormwater	
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	Intake River Water at Facility				✓
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				✓	✓
6A	Kuraray southern leased area NCCW discharge - Vacuum Condenser	Grab			✓		✓
6B	Kuraray southern leased area NCCW discharge - Resins Area	Grab			✓		✓
7A	Combined stormwater and NCCW discharge from western portion of the Facility	Temporal Composite			✓	✓	✓
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		✓	✓	✓	
8	Outfall 001 treated non-Chemours process wastewater discharge to open channel to Outfall 002	Temporal Composite		✓	✓	✓	✓
9	Chemours Monomers IXM NCCW and stormwater discharge including stormwater from Vinyl Ethers South and Vinyl Ethers North	Temporal Composite			✓	✓	✓
10	Chemours Monomers IXM area stormwater discharge	Temporal Composite				✓	✓
10A	Combined Chemours Monomers IXM NCCW and stormwater discharge	Temporal Composite			✓	✓	
11	Stormwater discharge from portion of grassy field to north of decommissioned Chemours Teflon area	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			✓	✓	✓
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		✓			✓
18	Kuraray process wastewater	Grab/Temporal Composite*		✓			✓
19A	DuPont process wastewater, Plant 1	Grab		✓			✓
19B	DuPont process wastewater, Plant 2	Grab		✓			✓
20	Outfall 002 pipe to Cape Fear River upstream of sump	Temporal Composite	Outfall				✓
21A	Sediment Basin South	Grab			✓	✓	✓
21B	Sediment Basin North	Grab			✓	✓	✓
22	WWTP combined influent	Grab/Temporal Composite*		✓	✓		✓
23A	Kuraray northern leased area combined process wastewater and NCCW; manhole on Terra Cotta Pipe	Grab/Temporal Composite*		✓	✓		✓
23B	Kuraray laboratory process wastewater	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			✓		✓

Notes
Sample numbers refer to locations identified in Figure 2.
Temporal composite samples to be integrated over 4 hours in dry weather, or less time to line up with the duration of a storm event in wet weather.
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 Number	Sample Location Description	Sampling Method	Sample Category				Sample Collected								
							2019					2020			
			Intake at Facility/ Outfall	Process water	Non-process wastewater	Stormwater	April (Q2)	June (Q2)	August (Q3)	October (Q4)	December (Q4)	January (Q1)	April (Q2)	May (Q2)[1]	June (Q2)[1]
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	Intake River Water at Facility				✓	✓	✓	✓	✓	✓	✓	✓	NS[2]
2	Kuraray northern leased area stormwater discharge	Temporal Composite				✓	DRY	DRY	DRY	DRY	DRY	DRY	DRY	✓	NS[2]
3	Chemours PPA area stormwater discharge	Temporal Composite				✓	DRY	DRY	DRY	DRY	DRY	DRY	DRY	✓	NS[2]
4	Combined stormwater discharge from Kuraray northern leased area and Chemours PPA area	Temporal Composite				✓	DRY	DRY	DRY	DRY	DRY	DRY	DRY	✓	NS[2]
5	Kuraray southern leased area stormwater	Temporal Composite				✓	DRY	DRY	DRY	DRY	DRY	DRY	DRY	✓	NS[2]
6A	Kuraray southern leased area NCCW discharge - Vacuum Condenser	Grab			✓		✓	✓	✓	✓	✓	✓	✓	NS[2]	✓
6B	Kuraray southern leased area NCCW discharge - Resins Area	Grab			✓		✓	✓	✓	✓	✓	✓	✓	NS[2]	✓
7A	Combined stormwater and NCCW discharge from western portion of the Facility	Temporal Composite			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NS[2]
7B	Combined stormwater and NCCW discharge from western portion of the Facility and treated discharge from WWTP	Grab/ Temporal Composite[3]		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NS[2]
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		✓	✓	✓	NS[4]	NS[4]	NS[4]	NS[4]	NS[4]	NS[4]	NS[4]	✓	NS[2]
8	Outfall 001 treated non-Chemours process wastewater discharge to open channel to Outfall 002	Temporal Composite		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Chemours Monomers IXM NCCW and stormwater discharge including stormwater from Vinyl Ethers South and Vinyl Ethers North	Temporal Composite			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NS[2]
10	Chemours Monomers IXM area stormwater discharge	Temporal Composite				✓	✓	DRY	✓	✓	✓	✓	NS[5]	✓	NS[2]
10A	Combined Chemours Monomers IXM NCCW and stormwater discharge	Temporal Composite			✓	✓	NS[4]	NS[4]	NS[4]	NS[4]	NS[4]	NS[4]	NS[4]	✓	NS[2]
11	Stormwater discharge from portion of grassy field to north of decommissioned Chemours Teflon area	Temporal Composite				✓	DRY	DRY	DRY	DRY	DRY	DRY	DRY	✓	NS[2]
12	DuPont area southern drainage ditch stormwater discharge and NCCW	Temporal Composite			✓	✓	DRY	DRY	✓	DRY	✓	DRY	DRY	✓	NS[2]
13	DuPont area northern drainage ditch stormwater discharge and NCCW	Temporal Composite			✓	✓	DRY	DRY	DRY	DRY	DRY	DRY	DRY	✓	NS[2]
14	DuPont area southeast stormwater and NCCW discharge	Temporal Composite			✓	✓	✓	✓	✓	✓	✓	DRY	✓	✓	NS[2]
15	Combined stormwater and NCCW discharge from eastern portion of the Facility	Temporal Composite			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NS[2]
16	Chemours Monomers IXM Area combined process wastewater	Grab		✓			✓	✓	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]
17A	Chemours PPA Area waste acid trailer	Grab		✓			✓	✓	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]
17B	Chemours PPA Area waste rinse water trailer	Grab		✓			✓	✓	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]	NS[6]
18	Kuraray process wastewater	Grab/ Temporal Composite[7]		✓			✓	✓	✓	✓	✓	✓	✓	NS[2]	✓
19A	DuPont process wastewater, Plant 1	Grab		✓			✓	✓	✓	✓	✓	✓	✓	NS[2]	✓
19B	DuPont process wastewater, Plant 2	Grab		✓			✓	✓	✓	✓	✓	✓	✓	NS[2]	✓
20	Outfall 002 pipe to Cape Fear River upstream of sump	Temporal Composite	Outfall				✓	✓	✓	✓	✓	✓	✓	✓	NS[2]
21A	Sediment Basin South	Grab			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NS[2]
21B	Sediment Basin North	Grab			✓	✓	NS[8]	NS[8]	NS[8]	NS[8]	NS[8]	NS[8]	NS[8]	NS[8]	NS[8]
22	WWTP combined influent	Grab/ Temporal Composite[9]		✓	✓		✓	✓	✓	✓	✓	✓	✓	NS[2]	✓
23A	Kuraray northern leased area combined process wastewater and NCCW; manhole on Terra Cotta Pipe	Grab/ Temporal Composite[7]		✓	✓		✓	✓	✓	✓	✓	✓	✓	NS[2]	✓
23B	Kuraray laboratory process wastewater	Grab		✓			NS[10]	✓	NS[10]	✓	✓	✓	✓	NS[2]	✓
24A	Chemours Monomers IXM Vinyl Ethers South NCCW	Grab			✓		✓	✓	✓	NS[11]	✓	✓	✓	NS[2]	✓
24B	Chemours Monomers IXM Line 3 and Line 4 Extruder NCCW	Grab			✓		✓	✓	✓	✓	✓	✓	✓	NS[2]	✓
24C	Chemours Monomers IXM Water Return Header NCCW	Grab			✓		✓	✓	✓	NS[11]	✓	✓	✓	NS[2]	✓

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

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 and a dry weather event 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 (Geosyntec, 2020b).

6 - Locations 16, 17A, and 17B were not sampled in after 2019 Quarter 2 because they were removed from the work plan.

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, future 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 - Locations 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 (Formerly Perfluoroethoxypropyl carboxylic 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 (Formerly Perfluoro(3,5-dioxahexanoic) acid)	39492-88-1	C4HF7O4
	PFO3OA	Perfluoro-3,5,7-trioxaoctanoic acid (Formerly Perfluoro(3,5,7-trioxaoctanoic) acid)	39492-89-2	C5HF9O5
	PFO4DA	Perfluoro-3,5,7,9-tetraoxadecanoic acid (Formerly Perfluoro(3,5,7,9-tetraoxadecanoic) acid)	39492-90-5	C6HF11O6
	PMPA	Perfluoro-2-methoxypropionic acid (Formerly 2,3,3,3-Tetrafluoro-2-(trifluoromethoxy)propanoic)	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 (Formerly Hydro-EVE 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 (Formerly Perfluoroethoxypropionic 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- (Formerly R-EVE)	2416366-22-6	C8H2F12O5
	PFO5DA	Perfluoro-3,5,7,9,11-pentaoxadodecanoic acid	39492-91-6	C7HF13O7
	R-PSDA (Formerly Byproduct 4)	Pentanoic acid, 2,2,3,3,4,5,5,5-octafluoro-4-(1,1,2,2-tetrafluoro-2-sulfoethoxy)- (Formerly Byproduct 4)	2416366-18-0	C7H2F12O6S
	R-PSDCA (Formerly Byproduct 6)	Ethanesulfonic acid, 1,1,2,2-tetrafluoro-2-[1,2,2,3,3-pentafluoro-1-(trifluoromethyl)propoxy]- (Formerly Byproduct 6)	2416366-21-5	C6H2F12O4S
	Hydrolyzed PSDA (Foremerly Byproduct 5)	Acetic acid, 2-fluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro-2-sulfoethoxy)propoxy]- (Formerly Byproduct 5)	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 (Formerly NVHOS)	1132933-86-8	C4H2F8O4S
	PES	Perfluoro-2-ethoxyethanesulfonic acid (Formerly PES)	113507-82-7	C4HF9O4S
	PS Acid (Formerly PFESA-BP1)	Ethanesulfonic acid, 2-[1-[difluoro[(1,2,2-trifluoroethenyl)oxy]methyl]-1,2,2,2-tetrafluoroethoxy]-1,1,2,2-tetrafluoro- (Formerly PFESA-BP)	29311-67-9	C7HF13O5S
	Hydro-PS Acid (Formerly PFESA-BP2)	Ethanesulfonic acid, 2-[1-[difluoro(1,2,2,2-tetrafluoroethoxy)methyl]-1,2,2,2-tetrafluoroethoxy]-1,1,2,2-tetrafluoro- (Formerly PFESA-BP2)	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:
*Depending on the laboratory, 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
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	1		2	3
Sample Event	April 2020	May/June 2020	May/June 2020	May/June 2020
Field Sample ID	STW-LOC-1-4-042820	STW-LOC-1-2-052120	STW-LOC-2-.33-052120	STW-LOC-3-2-052120
Date Sampled	4/28/2020	5/20/2020	5/20/2020	5/20/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ SOP (ng/L)				
HFPODA	**13**	**24**	**2,700**	**2,700**
PFMOAA	**7.6**	<5	<11	<11
PFO2HxA	**11**	**12**	**41**	**25**
PFO3OA	**2**	**2.3**	**10**	**11**
PFO4DA	<2	<2	**4.4**	**8.2**
PFO5DA	**4.6**	**3.1**	<2	**11**
PMPA	**26**	**56**	**220**	<28
PEPA	<20	<20	**32**	<20
PS Acid	<2	<2	**11**	<2
Hydro-PS Acid	<2	<2	**5.2**	**3.8**
R-PSDA	**11**	**31**	**26**	**17**
Hydrolyzed PSDA	**5.2**	**4.8**	**19**	**5.2**
R-PSDCA	<2	<2	<2	<2
NVHOS	**5.5**	**4.6**	**4.7**	**3.1**
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	**2.0**	<2
R-EVE	<2	**6.6**	**15**	**5.4**
PES	<2	<2	<2.3	<2.3
PFECA B	<2	<2	<3	<3
PFECA-G	<2	<2	<2	<2
Total Table 3+ (17 compounds)*	**70**	**100**	**3,000**	**2,800**
Total Table 3+ (20 compounds)*	**86**	**140**	**3,100**	**2,800**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<3	<3.2
11Cl-PF3OUdS	<2	<2	<5	<5.4
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<31	<34
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<82	<87
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<13	<14
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<22	<23
6:2 Fluorotelomer sulfonate	<20	<20	<31	<34
9Cl-PF3ONS	<2	<2	<3.8	<4
ADONA	<2.1	--	--	--
DONA	--	<2	<2.8	<3
NaDONA	<2.1	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<30	<32
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<14	<15
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<6.8	<7.2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<49	<52
Perfluorobutane Sulfonic Acid	**3.4**	**3.6 J**	<3.1	<3.4
Perfluorobutanoic Acid	**5.1**	**5.6**	<5.5	<5.9
Perfluorodecane Sulfonic Acid	<2	<2	<5	<5.4
Perfluorodecanoic Acid	<2	<2	<4.9	<5.2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<7.1	<7.5
Perfluorododecanoic Acid	<2	<2	<8.6	<9.2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<3	<3.2
Perfluoroheptanoic Acid	**4.2**	**5.1 J**	<3.9	<4.2
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<14	<15
Perfluorohexane Sulfonic Acid	**4.1**	**4.8 J**	<2.7	**3.1**
Perfluorohexanoic Acid	**8.5**	**11**	<9.1	<9.7
Perfluorononanesulfonic acid	<2	<2	<2.5	<2.7
Perfluorononanoic Acid	<2	<2	<4.2	<4.5
Perfluorooctadecanoic acid	<2	<2	<7.2	<7.7
Perfluorooctane Sulfonamide	<2	<2	<5.5	<5.9
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<4.7	<5
Perfluoropentanoic Acid	**11**	**9.8**	<7.7	<8.2
Perfluorotetradecanoic Acid	<2	<2	<4.6	<4.9
Perfluorotridecanoic Acid	<2	<2	<20	<22
Perfluoroundecanoic Acid	<2	<2	<17	<18
PFOA	**5.5**	**5.5 J**	**18**	**26**
PFOS	**8.3**	**9.0**	<8.5	**15**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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

SOP - standard operating procedure

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TABLE 4
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	4	5	6A	
Sample Event	May/June 2020	May/June 2020	April 2020	May/June 2020
Field Sample ID	STW-LOC-4-2-052120	STW-LOC-5-1.99-052120	STW-LOC-6A-042820	STW-LOC6A-060320
Date Sampled	5/20/2020	5/20/2020	4/28/2020	6/3/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ SOP (ng/L)				
HFPODA	**620**	**100**	**17**	**6.7 J**
PFMOAA	**12**	<5	**9.9**	<2 UJ
PFO2HxA	**6.9**	**19**	**11**	**7.1 J**
PFO3OA	**3.3**	**4.5**	**2.0**	<2 UJ
PFO4DA	**2.4**	**3.3**	<2	<2 UJ
PFO5DA	**4.9**	**9.2**	**5.9**	<2 UJ
PMPA	**65**	**68**	**30**	**14 J**
PEPA	<20	<20	<20	**2 J**
PS Acid	<2	**13**	<2	<2 UJ
Hydro-PS Acid	**2.0**	**51**	<2	<2 UJ
R-PSDA	**17**	**120**	**14**	**7.6 J**
Hydrolyzed PSDA	**2.2**	**5.2**	**4.7**	**2.4 J**
R-PSDCA	<2	**5**	<2	<2 UJ
NVHOS	<2	**9.9**	**5.4**	<2 UJ
EVE Acid	<2	<2	<2	<2 UJ
Hydro-EVE Acid	<2	<2	<2	<2 UJ
R-EVE	**3.8**	**11**	**5.0**	**3.6 J**
PES	<2	<2	<2	<2 UJ
PFECA B	<2	<2	<2	<2 UJ
PFECA-G	<2	<2	<2	<2 UJ
Total Table 3+ (17 compounds)*	**720**	**280**	**81**	**30**
Total Table 3+ (20 compounds)*	**740**	**420**	**100**	**43**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
11Cl-PF3OUdS	<2.5	<2	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<41	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<6.7	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<11	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
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	<6.9	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<3.4	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<24	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	**2.0**	**3.6**	**3.0**
Perfluorobutanoic Acid	<2.8	**3.4**	**5.8**	**3.0**
Perfluorodecane Sulfonic Acid	<2.5	<2	<2	<2
Perfluorodecanoic Acid	<2.4	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<3.6	<2	<2	<2
Perfluorododecanoic Acid	<4.3	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	<2	<2	**4.7**	**5.0**
Perfluorohexadecanoic acid (PFHxDA)	<7	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2	<2	**4.8**	**3.5**
Perfluorohexanoic Acid	<4.6	<2	**9.2**	**9.7**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2.1	<2	<2	<2
Perfluorooctadecanoic acid	<3.6	<2	<2	<2
Perfluorooctane Sulfonamide	<2.8	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2.4	<2	<2	<2
Perfluoropentanoic Acid	<3.9	**12**	**11**	**6.4**
Perfluorotetradecanoic Acid	<2.3	<2	<2	<2
Perfluorotridecanoic Acid	<10	<2	<2	<2
Perfluoroundecanoic Acid	<8.7	<2	<2	<2
PFOA	**9.0**	<2	**6.9**	**7.6**
PFOS	<4.3	**2.1**	**14**	**16**

Notes:

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TABLE 4
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	6B		7A	
Sample Event	April 2020	May/June 2020	April 2020	May/June 2020
Field Sample ID	STW-LOC-6B-042820	STW-LOC6B-060320	STW-LOC-7A-4-042820	STW-LOC-7A-2-052120
Date Sampled	4/28/2020	6/3/2020	4/28/2020	5/20/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ SOP (ng/L)				
HFPODA	**12**	**4.5 J**	**13**	**200**
PFMOAA	**9.8**	<2 UJ	**14**	<5
PFO2HxA	**9.5**	**6.4 J**	**10**	**21**
PFO3OA	<2	<2 UJ	**2.3**	**10**
PFO4DA	<2	<2 UJ	<2	**12**
PFO5DA	**4.5**	<2 UJ	**4.3**	**17**
PMPA	**31**	**17 J**	**25**	**69**
PEPA	<20	<2 UJ	<20	<20
PS Acid	<2	<2 UJ	<2	**90**
Hydro-PS Acid	<2	<2 UJ	<2	**380**
R-PSDA	**10**	<2 UJ	**9.2**	**120**
Hydrolyzed PSDA	**4.0**	**2 J**	**5.5**	**98**
R-PSDCA	<2	<2 UJ	<2	**2.2**
NVHOS	**5.1**	<2 UJ	**5.1**	**7.6**
EVE Acid	<2	<2 UJ	<2	<2
Hydro-EVE Acid	<2	<2 UJ	<2	<2
R-EVE	<2	<2 UJ	<2	**19**
PES	<2	<2 UJ	<2	<2
PFECA B	<2	<2 UJ	<2	<2
PFECA-G	<2	<2 UJ	<2	<2
Total Table 3+ (17 compounds)*	**72**	**28**	**74**	**810**
Total Table 3+ (20 compounds)*	**86**	**30**	**88**	**1,000**
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	<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	**3.6**	**3.1**	**3.6**	**4.3**
Perfluorobutanoic Acid	**5.6**	**8.6**	**5.2**	**7.0**
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	**4.5**	**4.4**	**4.6**	**5.8**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**4.4**	**3**	**4.6**	**4.3**
Perfluorohexanoic Acid	**9.2**	**8.8**	**9**	**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	**11**	**7.5**	**10**	**14**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**6**	**6.6**	**6.4**	**36**
PFOS	**9.8**	**9.3**	**11**	**10**

Notes:

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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.

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ND - No Table 3+ compounds were detected above their associated reporting limits.

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TABLE 4
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	7B		7C	8
Sample Event	April 2020	May/June 2020	May/June 2020	April 2020
Field Sample ID	STW-LOC-7B-4-042820	STW-LOC-7B-2-052120	STW-LOC-7C-2-052120	STW-LOC-8-4-042820
Date Sampled	4/28/2020	5/20/2020	5/20/2020	4/28/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ SOP (ng/L)				
HFPODA	**16**	**200**	**460**	**200**
PFMOAA	**9.8**	**180**	**380**	**88**
PFO2HxA	**10**	**77**	**160**	**54**
PFO3OA	<2	**23**	**59**	**14**
PFO4DA	<2	**13**	**38**	**17**
PFO5DA	**6.3**	**19**	**41**	**36**
PMPA	**22**	**66**	**100**	**60**
PEPA	<20	<20	**55**	<20
PS Acid	<2	**85**	**250**	**8.1**
Hydro-PS Acid	**2.4**	**350**	**390**	**69**
R-PSDA	**16**	**120**	**380**	**21**
Hydrolyzed PSDA	**29**	**170**	**230**	**340**
R-PSDCA	<2	**2.1**	**7.8**	<2
NVHOS	**5.7**	**12**	**30**	**12**
EVE Acid	<2	<2	**23**	<2
Hydro-EVE Acid	<2	<2	**7.2**	**3.1**
R-EVE	<2	**17**	**37**	**3.5**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ (17 compounds)*	**72**	**1,000**	**2,000**	**560**
Total Table 3+ (20 compounds)*	**120**	**1,300**	**2,600**	**930**
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	<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	**3.4**	**4.0**	**3.9**	**5.0**
Perfluorobutanoic Acid	**5.1**	**5.1**	**10**	**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	**4.5**	**6.5**	**7.6**	**7.3**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**4.4**	**4.6**	**4.4**	**2.4**
Perfluorohexanoic Acid	**8.9**	**11**	**11**	**14**
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**	**15**	**31**	**16**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**6.3**	**31**	**36**	**9.6**
PFOS	**10**	**11**	**9.8**	<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, which was subdivided into a storm event in May and a dry weather event in June.

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ND - No Table 3+ compounds were detected above their associated reporting limits.

ng/L - nanograms per liter

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TABLE 4
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	8		9	
Sample Event	May/June 2020	May/June 2020	April 2020	May/June 2020
Field Sample ID	STW-LOC-8-2-052120	STW-LOC8-4-060520	STW-LOC-9-4-042820	STW-LOC-9-2-052120
Date Sampled	5/20/2020	6/3/2020	4/28/2020	5/20/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ SOP (ng/L)				
HFPODA	**350**	**240 J**	**25**	**3,200**
PFMOAA	**9,400**	**260 J**	**11**	**390**
PFO2HxA	**2,700**	**98 J**	**13**	**1,700**
PFO3OA	**720**	**34 J**	**2.9**	**760**
PFO4DA	**120**	**19 J**	<2	**430**
PFO5DA	**78**	**26 J**	**4.0**	**590**
PMPA	**140**	**71 J**	**25**	**1,000**
PEPA	**57**	**39 J**	<20	**630**
PS Acid	**24**	**13 J**	**49**	**2,000**
Hydro-PS Acid	**210**	**140 J**	**2.3**	**400**
R-PSDA	**84**	**120 J**	**21**	**2,600**
Hydrolyzed PSDA	**560**	**640 J**	**85**	**970**
R-PSDCA	**5**	**4.1 J**	<2	**65**
NVHOS	**170**	**25 J**	**10**	**200**
EVE Acid	<2	<2 UJ	**3.3**	**330**
Hydro-EVE Acid	**19**	**4.2 J**	<2	**81**
R-EVE	<3.5	**3.2 J**	<2	**240**
PES	<2.3	<2 UJ	<2	<2.3
PFECA B	<3	<2 UJ	<2	<3
PFECA-G	<2	<2 UJ	<2	<2
Total Table 3+ (17 compounds)*	**14,000**	**970**	**150**	**12,000**
Total Table 3+ (20 compounds)*	**15,000**	**1,700**	**250**	**16,000**
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	--	--	<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	**5.2**	**5.0**	**3.8**	**3.1**
Perfluorobutanoic Acid	**8.8**	**5.9**	**6.0**	**57**
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	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**9.7**	**5.4**	**4.6**	**36**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3.8**	**4.1**	**4.7**	**3.9**
Perfluorohexanoic Acid	**14**	**7.6**	**9.8**	**15**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	**8.8**
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**23**	**12**	**12**	**220**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	**3.2**
PFOA	**13**	**12**	**6.4**	**55**
PFOS	<2	**2.0**	**12**	**10**

Notes:

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TABLE 4
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	10	10A	11	12
Sample Event	May/June 2020	May/June 2020	May/June 2020	May/June 2020
Field Sample ID	STW-LOC-10-2-052120	STW-LOC-10A-2-052120	STW-LOC-11-1-052120	STW-LOC-12-2-052120
Date Sampled	5/20/2020	5/20/2020	5/20/2020	5/20/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ SOP (ng/L)				
HFPODA	**1,700**	**2,600**	**320**	**77**
PFMOAA	**5,300**	**13,000**	**46**	<5
PFO2HxA	**630**	**1,100**	**580**	**44**
PFO3OA	**440**	**580**	**16**	**4.6**
PFO4DA	**340**	**450**	**24**	**2.6**
PFO5DA	**560**	**510**	**47**	**5.7**
PMPA	<280	<570	**120**	**83**
PEPA	**120**	**300**	**47**	<20
PS Acid	**230**	**1,100**	**11**	<2
Hydro-PS Acid	**150**	**410**	**20**	**9.0**
R-PSDA	**480**	**1,800**	**230**	**53 J**
Hydrolyzed PSDA	**170**	**700**	**38**	**6.9 J**
R-PSDCA	**11**	**44**	<2	<2
NVHOS	**210**	**540**	**7.3**	**4.2**
EVE Acid	**25**	**140**	<2	<2
Hydro-EVE Acid	**44**	**89**	**8.7**	<2
R-EVE	**160**	**330**	**83**	**6.3 J**
PES	<23	<46	<2	<2
PFECA B	<30	<60	<2	<2
PFECA-G	<20	<41	<2	<2
Total Table 3+ (17 compounds)*	**9,800**	**21,000**	**1,200**	**230**
Total Table 3+ (20 compounds)*	**11,000**	**24,000**	**1,600**	**300**
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	<2	<2	<2	**4.3**
Perfluorobutanoic Acid	**62**	**78**	**11**	**6.3**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	**2.8**	<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	**7.1**	**18**	**6.5**	**7.8**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2	<2	**5.6**	**5.9**
Perfluorohexanoic Acid	**11**	**17**	**4.8**	**13**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**2.8**	**5.4**	**4.8**	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**37**	**120**	**17**	**15**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	**2.2**	<2	<2
PFOA	**5.1**	**14**	**12**	**9.6**
PFOS	<2	**3.5**	**63**	**13**

Notes:

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TABLE 4
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	13	14		15
Sample Event	May/June 2020	April 2020	May/June 2020	April 2020
Field Sample ID	STW-LOC-13-2-052120	STW-LOC-14-4-042820	STW-LOC-14-1.33-052120	STW-LOC-15-4-042820
Date Sampled	5/20/2020	4/28/2020	5/20/2020	4/28/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ SOP (ng/L)				
HFPODA	**640**	**39**	**120**	**36**
PFMOAA	**50**	**25**	<5	**14**
PFO2HxA	**53**	**21**	**15**	**14**
PFO3OA	**22**	**4.4**	**3.9**	**3.8**
PFO4DA	**24**	<2	<2	**2.6**
PFO5DA	**23**	**5.4**	<2	**6.1**
PMPA	**190**	**34**	**57**	**27**
PEPA	**84**	<20	<20	<20
PS Acid	**170**	<2	**3.1**	**140**
Hydro-PS Acid	**33**	**2.1**	**3.3**	**7.0**
R-PSDA	**120**	**8.6**	**21**	**47**
Hydrolyzed PSDA	**190**	**17**	**6.8**	**330**
R-PSDCA	<2	<2	<2	<2
NVHOS	**9.5**	**4.7**	**3.8**	**11**
EVE Acid	**6.7**	<2	<2	**4.1**
Hydro-EVE Acid	**6.5**	<2	<2	<2
R-EVE	**57**	<2	**9.9**	**6.3**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ (17 compounds)*	**1,300**	**140**	**210**	**270**
Total Table 3+ (20 compounds)*	**1,700**	**160**	**240**	**650**
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	--	<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	**3.5**	**3.1**	**3.7**
Perfluorobutanoic Acid	**13**	**5.3**	**5.9**	**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	**7.6**	**4.7**	**5.5**	**5.0**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2	**4.7**	**4.1**	**4.6**
Perfluorohexanoic Acid	**3.7**	**8.7**	**9.5**	**9.3**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**2.6**	<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**	**9.9**	**12**	**12**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**9.9**	**6.4**	**15**	**6.1**
PFOS	**2.2**	**12**	**9.3**	**11**

Notes:

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TABLE 4
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	15		18	
Sample Event	May/June 2020	May/June 2020	April 2020	May/June 2020
Field Sample ID	STW-LOC-15-2-052120	STW-LOC-15-2-052120-D	STW-LOC-18-4-042820	STW-LOC18-4-060520
Date Sampled	5/20/2020	5/20/2020	4/28/2020	6/3/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	Field Duplicate	--	--
Table 3+ SOP (ng/L)				
HFPODA	**3,000**	**3,000**	**6.5**	**3.6 J**
PFMOAA	**2,700**	**2,700**	<5	<2 UJ
PFO2HxA	**1,100**	**1,100**	**3.5**	**2.8 J**
PFO3OA	**420**	**470**	<2	<2 UJ
PFO4DA	**300**	**230**	<2	<2 UJ
PFO5DA	**300**	**310**	**4.6**	<2 UJ
PMPA	**680**	**680**	**15**	<13 UJ
PEPA	**460**	**460**	<20	<2 UJ
PS Acid	**2,200**	**2,400**	<2	<2 UJ
Hydro-PS Acid	**400**	**420**	<2	<2 UJ
R-PSDA	**2,800**	**2,900**	<2	<2 UJ
Hydrolyzed PSDA	**1,100**	**1,200**	**3.1**	<2 UJ
R-PSDCA	**77**	**81**	<2	<2 UJ
NVHOS	**250**	**250**	<2	<2 UJ
EVE Acid	**410**	**410**	<2	<2 UJ
Hydro-EVE Acid	**77**	**75**	<2	<2 UJ
R-EVE	**260**	**270**	<2	<2 UJ
PES	<4.6	<4.6	<2	<2 UJ
PFECA B	<6	<6	<2	<2 UJ
PFECA-G	<4.1	<4.1	<2	<2 UJ
Total Table 3+ (17 compounds)*	**12,000**	**13000**	**30**	**6.4**
Total Table 3+ (20 compounds)*	**17,000**	**17,000**	**33**	**6.4**
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	--	--	<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 UJ	<7.5
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**2.5**	**2.8**	<2	<2
Perfluorobutanoic Acid	**53**	**57**	<2	<3
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	**2.0**	**2.0**	<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	**32**	**36**	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2 UJ	<2 UJ
Perfluorohexane Sulfonic Acid	**3.1**	**3.3**	<2	<2
Perfluorohexanoic Acid	**14**	**15**	**2.1**	**2.4**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**6.0**	**6.4**	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2 UJ	<2 UJ
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**240**	**260**	**2.6**	**2.9**
Perfluorotetradecanoic Acid	<2	<2	<2	<2 UJ
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	**2.1**	**2.7**	<2	<2
PFOA	**26**	**28**	<2	**2.0**
PFOS	**8.0**	**8.9**	**4.3**	**3.3**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

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TABLE 4
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	19A		19B	
Sample Event	April 2020	May/June 2020	April 2020	May/June 2020
Field Sample ID	STW-LOC-19A-042820	STW-LOC19A-060320	STW-LOC-19B-042820	STW-LOC19B-060320
Date Sampled	4/28/2020	6/3/2020	4/28/2020	6/3/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ SOP (ng/L)				
HFPODA	**5.0**	**51 J**	**54**	**2.2 J**
PFMOAA	<5	<2 UJ	**37**	<2 UJ
PFO2HxA	**4.0**	**10 J**	**26**	**2.7 J**
PFO3OA	<2	**3.4 J**	**6.2**	<2 UJ
PFO4DA	<2	**2.5 J**	**2.5 J**	<2 UJ
PFO5DA	**5.4**	<2 UJ	**6.1**	<2 UJ
PMPA	**13**	**34 J**	**44**	<13 UJ
PEPA	<20	**9.6 J**	<20	<2 UJ
PS Acid	**3.0**	<2 UJ	<2	<2 UJ
Hydro-PS Acid	<2	<2 UJ	**4.3**	<2 UJ
R-PSDA	<2	**22 J**	**22**	<2 UJ
Hydrolyzed PSDA	<2	**17 J**	**22**	<2 UJ
R-PSDCA	<2	<2 UJ	<2	<2 UJ
NVHOS	<2	<2 UJ	**5.1**	<2 UJ
EVE Acid	<2	<2 UJ	<2	<2 UJ
Hydro-EVE Acid	<2	**2 J**	**2.3**	<2 UJ
R-EVE	<2	**11 J**	**12**	<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+ (17 compounds)*	**30**	**110**	**190**	**4.9**
Total Table 3+ (20 compounds)*	**30**	**160**	**240**	**4.9**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
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
9Cl-PF3ONS	<2	<2	<2	<2.4
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	<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	**2.4**	**3.6**	<2
Perfluorobutanoic Acid	<2	**5.2**	**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	**3.4**	**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	**2.7**	**5.5**	**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	**3.2**	**5.5**	**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	**12**	**9.6**	<8.5
PFOS	<2	**2.4**	**4.7**	**7.8**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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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

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

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TABLE 4
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	20			21A
Sample Event	April 2020	April 2020	May/June 2020	April 2020
Field Sample ID	STW-LOC-20-4-042820	STW-LOC-20-4-042820-D	STW-LOC-20-2-052120	STW-LOC-21A-042820
Date Sampled	4/28/2020	4/28/2020	5/20/2020	4/28/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	Field Duplicate	--	--
Table 3+ SOP (ng/L)				
HFPODA	**41**	**41**	**940**	**220**
PFMOAA	**14**	**13**	**850**	**27**
PFO2HxA	**13**	**13**	**330**	**28**
PFO3OA	**2.5**	**2.7**	**130**	**5.8**
PFO4DA	<2	<2	**69**	**2.1 J**
PFO5DA	**5.6**	**5.3**	**75**	**7.8**
PMPA	**31**	**30**	**200**	**43**
PEPA	<20	<20	**120**	<20
PS Acid	**30**	**32**	**720**	<2
Hydro-PS Acid	**3.2**	**3.2**	**310**	<2
R-PSDA	**18 J**	**16**	**780**	**16**
Hydrolyzed PSDA	**93 J**	**91**	**440**	**16**
R-PSDCA	<2	<2	**20**	<2
NVHOS	**6.7**	**6.5**	**71**	**3.7**
EVE Acid	<2	<2	**150**	<2
Hydro-EVE Acid	<2	<2	**20**	<2
R-EVE	**3.8 J**	<2	**71**	**3.4**
PES	<2	<2	<2.3	<2
PFECA B	<2	<2	<3	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ (17 compounds)*	**150**	**150**	**4,000**	**340**
Total Table 3+ (20 compounds)*	**260**	**250**	**5,300**	**370**
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	<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	**3.5**	**3.6**	**3.9**	**3.7**
Perfluorobutanoic Acid	**6.1**	**6.3**	**20**	**27**
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**	**5.3**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**4.5**	**4.5**	**4.9**	**4.5**
Perfluorohexanoic Acid	**9**	**9.2**	**12**	**11**
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**	**12**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**6.1**	**6.0**	**27**	**6.8**
PFOS	**11**	**11**	**11**	**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.

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 and a dry weather event in June.

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.

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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

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

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TABLE 4
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	21A	22		23A
Sample Event	May/June 2020	April 2020	May/June 2020	April 2020
Field Sample ID	STW-LOC-21A-052120	STW-LOC-22-4-042820	STW-LOC22-4-060520	STW-LOC-23A-4-042820
Date Sampled	5/20/2020	4/28/2020	6/3/2020	4/28/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ SOP (ng/L)				
HFPODA	**420**	**34**	**27 J**	**130**
PFMOAA	**110**	**56**	**110 J**	**1,000**
PFO2HxA	**170**	**23**	**14 J**	**230**
PFO3OA	**31**	**7.6**	**4.9 J**	**65**
PFO4DA	**50**	**9.6**	**4 J**	**20**
PFO5DA	**460**	**3.7**	<2 UJ	<2
PMPA	**180**	**11**	**37 J**	**41**
PEPA	**48**	<20	**4.8 J**	<20
PS Acid	**75**	**67**	**86 J**	**4,900**
Hydro-PS Acid	**220**	**30**	**34 J**	**190**
R-PSDA	**1,100**	**12**	**30 J**	**89**
Hydrolyzed PSDA	**33**	**370**	**640 J**	**1,800**
R-PSDCA	**18**	<2	<2 UJ	<2
NVHOS	**37**	**9.5**	**7.6 J**	**26**
EVE Acid	**5.2**	<2	<2 UJ	**30**
Hydro-EVE Acid	**12**	**2.0**	**3.6 J**	**8.9**
R-EVE	**77**	**2.6**	**3.4 J**	**5.6**
PES	<2	<2	<2 UJ	<2.3
PFECA B	<2	<2	<2 UJ	<3
PFECA-G	<2	<2	<2 UJ	<2
Total Table 3+ (17 compounds)*	**1,800**	**250**	**330**	**6,600**
Total Table 3+ (20 compounds)*	**3,000**	**640**	**1,000**	**8,500**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
11Cl-PF3OUdS	<2	<2	<3.2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<26	<52	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<4.3	<8.5	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<7	<14	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
9Cl-PF3ONS	<2	<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	<2	<4.4	<8.7	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2.2	<4.3	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<31	<20
Perfluorobutane Sulfonic Acid	**2.2**	<2	<2	**3.7**
Perfluorobutanoic Acid	**11**	**15**	**6.3**	**26**
Perfluorodecane Sulfonic Acid	<2	<2	<3.2	<2
Perfluorodecanoic Acid	<2	<2	<3.1	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2.3	<4.5	<2
Perfluorododecanoic Acid	<2	<2.8	<5.5	**3.9**
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**7.6**	**3.1**	<2.5	**6.4**
Perfluorohexadecanoic acid (PFHxDA)	<2	<4.5 UJ	<8.9 UJ	**3.8**
Perfluorohexane Sulfonic Acid	**3.1**	**3.2**	**4.8**	**4**
Perfluorohexanoic Acid	**7.7**	<2.9	<5.8	**11**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**2.7**	<2	<2.7	<2
Perfluorooctadecanoic acid	<2	<2.3 UJ	<4.6 UJ	**2.5**
Perfluorooctane Sulfonamide	<2	<2	<3.5	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<3	<2
Perfluoropentanoic Acid	**33**	**8.0**	**7.6**	**15**
Perfluorotetradecanoic Acid	<2	<2	<2.9 UJ	**3.9**
Perfluorotridecanoic Acid	<2	<6.5	<13	**3.3**
Perfluoroundecanoic Acid	<2	<5.5	<11	**2.8**
PFOA	**4.8**	**6.7**	**8.6**	**93**
PFOS	**9.8**	<2.7	**6.5**	**13**

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, which was subdivided into a storm event in May and a dry weather event in June.
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.
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TABLE 4
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	23A	23B		24A
Sample Event	May/June 2020	April 2020	May/June 2020	April 2020
Field Sample ID	STW-LOC23A-4-060520	STW-LOC-23B-042820	STW-LOC23B-060320	STW-LOC-24A-042820
Date Sampled	6/3/2020	4/28/2020	6/3/2020	4/28/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ SOP (ng/L)				
HFPODA	**870 J**	**35**	**57**	**10**
PFMOAA	**1,800 J**	**19**	**3.7**	**7.1**
PFO2HxA	**400 J**	**15**	**6.3**	**8.8**
PFO3OA	**180 J**	**2.9**	<2	<2
PFO4DA	**69 J**	<2	<2	<2
PFO5DA	**50 J**	**4.1**	<2	**4.6**
PMPA	<150 UJ	**32**	**31**	**27**
PEPA	**20 J**	<20	<2	<20
PS Acid	**24,000 J**	**36**	**32**	<2
Hydro-PS Acid	**1,200 J**	<2	<2	<2
R-PSDA	**400 J**	<2	<2	**10 J**
Hydrolyzed PSDA	**8,800 J**	**19**	**14**	**4 J**
R-PSDCA	**5 J**	<2	<2	<2
NVHOS	**100 J**	**4.2**	<2	**5.3**
EVE Acid	**190 J**	<2	<2	<2
Hydro-EVE Acid	**54 J**	<2	<2	<2
R-EVE	**19 J**	**2.2**	<2	<2
PES	<2 UJ	<2	<2	<2
PFECA B	<6.6 UJ	<2	<2	<2
PFECA-G	<12 UJ	<2	<2	<2
Total Table 3+ (17 compounds)*	**29,000**	**150**	**130**	**63**
Total Table 3+ (20 compounds)*	**38,000**	**170**	**140**	**77**
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	--	<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**	**3.5**	**3.1**	**3.6**
Perfluorobutanoic Acid	**23**	**5.3**	**5.2**	**7.6**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	**4.8**	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	**7.8**	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**8.3**	**4.2**	**3.4**	**4.8**
Perfluorohexadecanoic acid (PFHxDA)	**6.4**	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3.8**	**3.9**	**2.6**	**4.8**
Perfluorohexanoic Acid	**13**	**8.2**	**6.8**	**9**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**3.1**	<2	<2	<2
Perfluorooctadecanoic acid	**2.0**	<2	<2	<2 UJ
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**20**	**9.2**	**5.8**	**10**
Perfluorotetradecanoic Acid	**9.0**	<2	<2	<2
Perfluorotridecanoic Acid	**6.8**	<2	<2	<2
Perfluoroundecanoic Acid	**6.1**	<2	<2	<2
PFOA	**110**	**8.6**	**7.3**	**6.8**
PFOS	**17**	**9.3**	**9.4**	**17**

Notes:

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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 and a dry weather event in June.

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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

SOP - standard operating procedure

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TABLE 4
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	24A			24B
Sample Event	April 2020	May/June 2020	May/June 2020	April 2020
Field Sample ID	STW-LOC-24A-042820-D	STW-LOC24A-060320	STW-LOC24A-060320-D	STW-LOC-24B-042820
Date Sampled	4/28/2020	6/3/2020	6/3/2020	4/28/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	Field Duplicate	--	Field Duplicate	--
Table 3+ SOP (ng/L)				
HFPODA	**10**	**38 J**	**20 J**	**16**
PFMOAA	**6.9**	<2 UJ	<2 UJ	**15**
PFO2HxA	**8.5**	**6.4 J**	**7.4 J**	**12**
PFO3OA	<2	<2 UJ	<2 UJ	**2.4**
PFO4DA	<2	<2 UJ	<2 UJ	<2
PFO5DA	**5.1**	<2 UJ	<2 UJ	**5.6**
PMPA	**25**	**96 J**	**63 J**	**26**
PEPA	<20	**140 J**	**53 J**	<20
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**	<2 UJ	<2 UJ	**5.5**
R-PSDCA	<2	<2 UJ	<2 UJ	<2
NVHOS	**5.1**	<2 UJ	<2 UJ	**4.5**
EVE Acid	<2	<2 UJ	<2 UJ	<2
Hydro-EVE Acid	<2	<2 UJ	<2 UJ	<2
R-EVE	<2	<2 UJ	<2 UJ	**2.2**
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+ (17 compounds)*	**61**	**280**	**140**	**82**
Total Table 3+ (20 compounds)*	**77**	**280**	**140**	**89**
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	<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	**3.7**	**3.2**	**2.9**	**3.5**
Perfluorobutanoic Acid	**7.3**	**13**	**13**	**5.4**
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	**5.0**	**6.1**	**6.1**	**4.4**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**5.0**	**3.1**	**3.3**	**4.4**
Perfluorohexanoic Acid	**8.8**	**9.6**	**9.2**	**9.1**
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	**10**	**11**	**11**	**10**
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**	**5.7**
PFOS	**16**	**8.9 J**	**12 J**	**12**

Notes:

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ND - No Table 3+ compounds were detected above their associated reporting limits.

ng/L - nanograms per liter

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SOP - standard operating procedure

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TABLE 4
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	24B	24C		EB
Sample Event	May/June 2020	April 2020	May/June 2020	April 2020
Field Sample ID	STW-LOC24B-060320	STW-LOC-24C-042820	STW-LOC24C-060320	STW-LOC-EB1-042820
Date Sampled	6/3/2020	4/28/2020	6/3/2020	4/28/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	Equipment Blank
Table 3+ SOP (ng/L)				
HFPODA	**4.7**	**16**	**5.6**	<4
PFMOAA	**3.2**	**15**	**3**	<5
PFO2HxA	**5.8**	**13**	**6.1**	<2
PFO3OA	<2	**2.2**	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	**5.0**	<2	<2
PMPA	**33**	**26**	**31**	<10
PEPA	<2	<20	<2	<20
PS Acid	<2	**16**	**8.9**	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	<2	**15**	**30**	<2
Hydrolyzed PSDA	<2	**25**	**22**	<2
R-PSDCA	<2	<2	<2	<2
NVHOS	<2	**5.2**	**3.4**	<2
EVE Acid	<2	**5.9**	**2.6**	<2
Hydro-EVE Acid	<2	**2.4**	<2	<2
R-EVE	<2	<2	**3.4**	<2
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ (17 compounds)*	**47**	**110**	**61**	ND
Total Table 3+ (20 compounds)*	**47**	**150**	**120**	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	--	<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	**2.8**	**3.5**	**2.9**	<2
Perfluorobutanoic Acid	**6.3 J**	**5.4**	**4.9**	<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**	**4.5**	**3.9**	<2
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3.1**	**4.3**	**2.8**	<2
Perfluorohexanoic Acid	**7.7**	**8.7**	**8.0**	<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	**6.4**	**10**	**5.4**	<2
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**5.5**	**6.5**	**5.7**	<2
PFOS	**9.0**	**11**	**10**	<2

Notes:

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ND - No Table 3+ compounds were detected above their associated reporting limits.

ng/L - nanograms per liter

QA/QC - Quality assurance/ quality control

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TABLE 4
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	EB		FBLK	
Sample Event	April 2020	May/June 2020	April 2020	May/June 2020
Field Sample ID	STW-LOC-EB2-042820	STW-EB-052120	STW-LOC-FB-042820	STW-FB-052120
Date Sampled	4/28/2020	5/20/2020	4/28/2020	5/20/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	Equipment Blank	Equipment Blank	Field Blank	Field Blank
Table 3+ SOP (ng/L)				
HFPODA	<4	<2	<4	<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+ (17 compounds)*	ND	ND	ND	ND
Total Table 3+ (20 compounds)*	ND	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	<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	<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

Notes:

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TABLE 4
ANALYTICAL RESULTS - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Location ID	TB	
Sample Event	April 2020	May/June 2020
Field Sample ID	STW-LOC-TB-042820	STW-TB-052120
Date Sampled	4/28/2020	5/20/2020
Analytical Laboratory	TestAmerica	TestAmerica
QA/QC	Trip Blank	Trip Blank
Table 3+ SOP (ng/L)		
HFPODA	<4	<2
PFMOAA	<5	<5
PFO2HxA	<2	<2
PFO3OA	<2	<2
PFO4DA	<2	<2
PFO5DA	<2	<2
PMPA	<10	<10
PEPA	<20	<20
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	<2.1	--
DONA	--	<2
NaDONA	<2.1	--
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	<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:

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TABLE 5
TOTAL DAILY PRECIPITATION - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

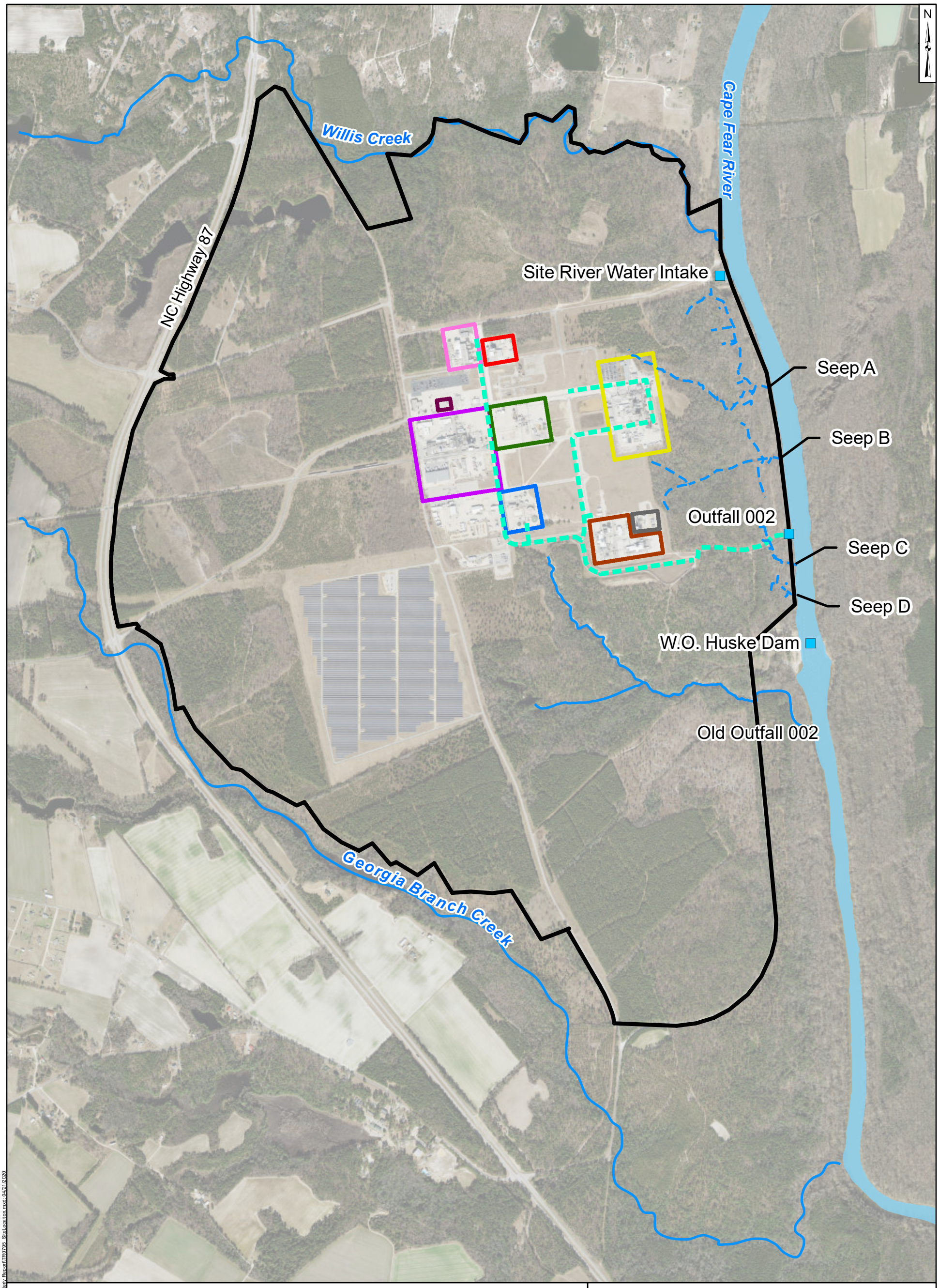
Date	Total Precipitation (inches)	Measured Outfall Flow (MGD)
4/1/2020	0.03	23
4/2/2020	--	22
4/3/2020	--	23
4/4/2020	--	23
4/5/2020	--	23
4/6/2020	0.05	23
4/7/2020	0.01	22
4/8/2020	0.21	23
4/9/2020	0.15	23
4/10/2020	--	22
4/11/2020	--	21
4/12/2020	--	21
4/13/2020	0.27	21
4/14/2020	--	23
4/15/2020	--	21
4/16/2020	--	21
4/17/2020	--	22
4/18/2020	0.01	22
4/19/2020	--	22
4/20/2020	0.63	23
4/21/2020	--	22
4/22/2020	--	22
4/23/2020	0.26	22
4/24/2020	0.01	22
4/25/2020	*--*	*22*
4/26/2020	*--*	*22*
4/27/2020	*--*	*22*
4/28/2020	***--***	***22***
4/29/2020	--	24
4/30/2020	2.04	25
5/1/2020	--	22
5/2/2020	--	23
5/3/2020	--	21
5/4/2020	--	23
5/5/2020	0.94	24
5/6/2020	0.4	22
5/7/2020	--	23
5/8/2020	--	21
5/9/2020	--	23
5/10/2020	--	22
5/11/2020	--	22
5/12/2020	--	23
5/13/2020	--	22
5/14/2020	--	23
5/15/2020	--	23
5/16/2020	--	23
5/17/2020	*--*	*20*
5/18/2020	*0.2*	*22*
5/19/2020	*0.54*	*21*
5/20/2020	***1.7***	***27***
5/21/2020	0.7	22

TABLE 5
TOTAL DAILY PRECIPITATION - 2020 QUARTER 2
Chemours Fayetteville Works, North Carolina

Date	Total Precipitation (inches)	Measured Outfall Flow (MGD)
5/22/2020	0.15	23
5/23/2020	0.13	23
5/24/2020	--	23
5/25/2020	--	21
5/26/2020	--	23
5/27/2020	0.54	24
5/28/2020	0.35	23
5/29/2020	1.26	24
5/30/2020	--	22
5/31/2020	--	*22*
6/1/2020	--	*24*
6/2/2020	*0.02*	*24*
6/3/2020	***--***	***24***
6/4/2020	--	24
6/5/2020	0.67	26
6/6/2020	--	24
6/7/2020	0.16	23
6/8/2020	--	22
6/9/2020	--	20
6/10/2020	--	22
6/11/2020	1.49	30
6/12/2020	--	23
6/13/2020	--	23
6/14/2020	--	22
6/15/2020	3.23	37
6/16/2020	0.29	21
6/17/2020	--	21
6/18/2020	--	21
6/19/2020	0.76	23
6/20/2020	0.18	22
6/21/2020	--	20
6/22/2020	0.03	24
6/23/2020	0.42	19
6/24/2020	0.02	21
6/25/2020	0.34	13
6/26/2020	--	18
6/27/2020	--	35
6/28/2020	--	21
6/29/2020	--	21
6/30/2020	0.14	22

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

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 the Cape Fear River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
2. Basemap sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

2,000 1,000 0 2,000 Feet

Site Location Map

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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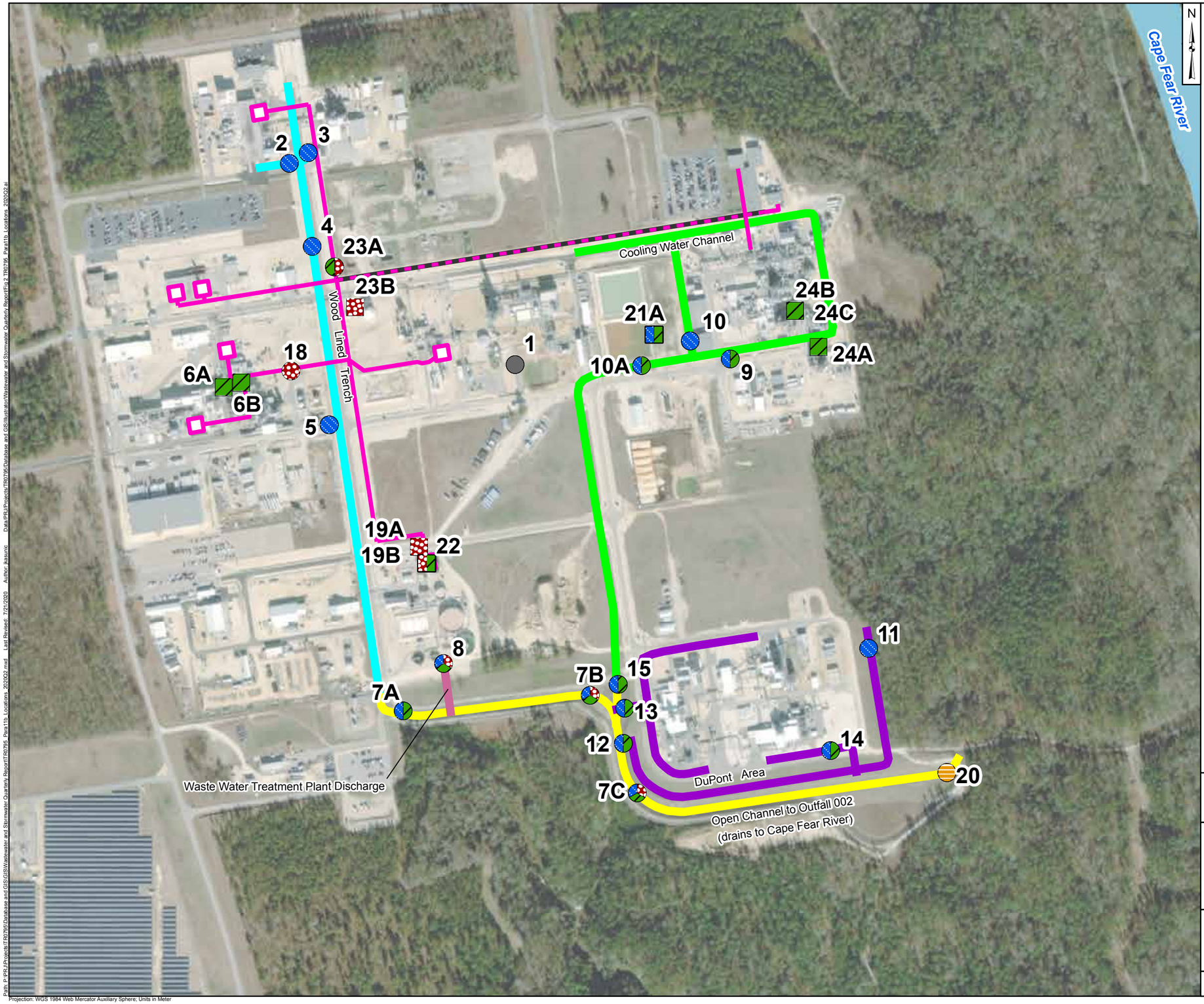
Figure 1

Path: P:\PR\Projects\TR0795\Database and GIS\GIS\Wastewater and Stormwater Quarterly Report\TR0795_SiteLocation.mxd 04/21/2020



Legend

- Temporal Composite Sample
- Grab Sample

Sample Location Category

- Outfall 002
- Intake River Water at Facility
- Process wastewater
- Non-process wastewater
- Stormwater

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

500 250 0 500 Feet

Paragraph 11(b) Sample Locations

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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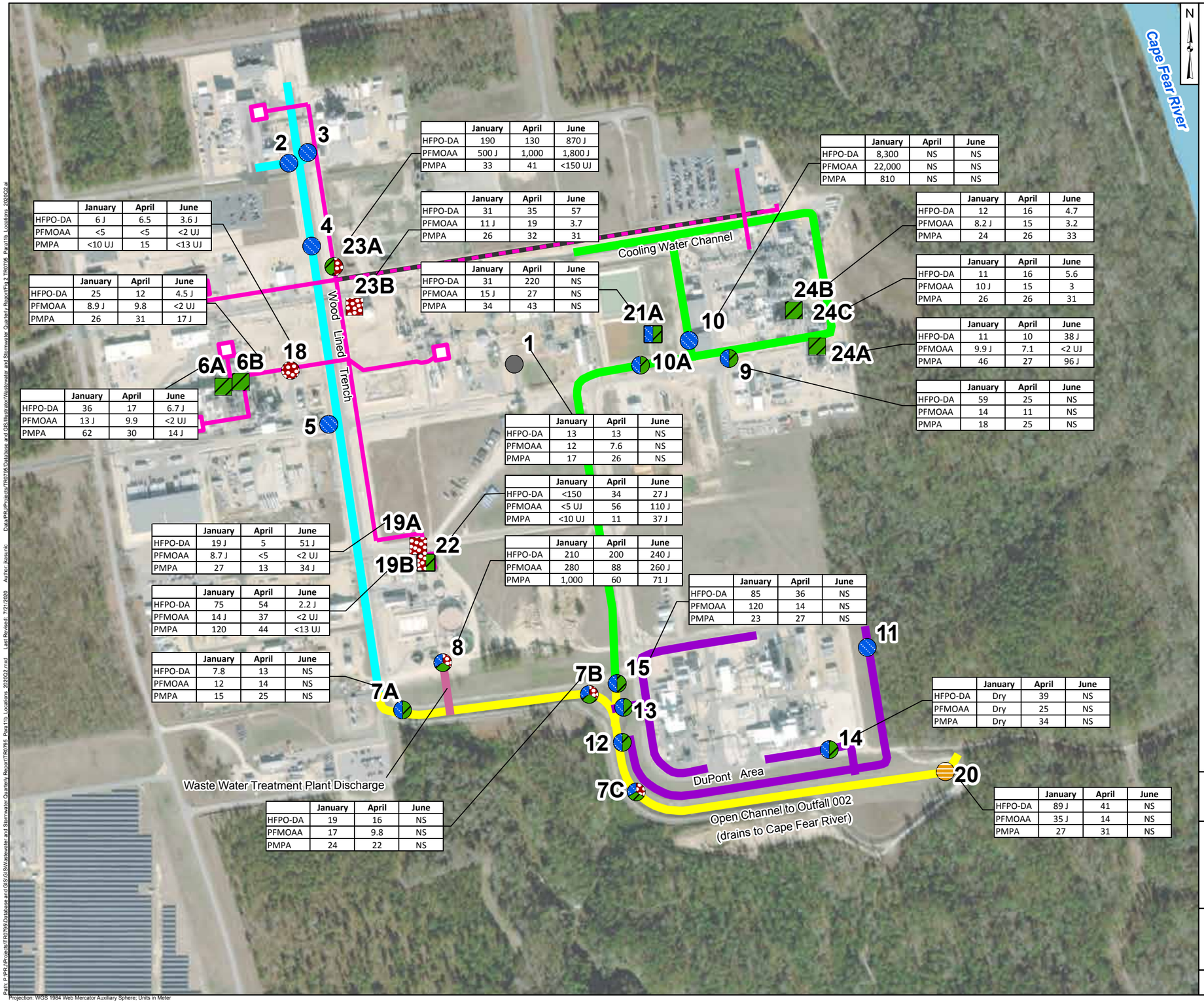
Figure 2

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Wastewater and Stormwater Quarterly Report\TR0795_Para11b_Locations_20200722.mxd Last Revised: 7/21/2020 Author: jkasunic Data:PRJ\Projects\TR0795\

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



	January	April	June
HFPO-DA	6 J	6.5	3.6 J
PFMOAA	<5	<5	<2 UJ
PMPA	<10 UJ	15	<13 UJ

	January	April	June
HFPO-DA	25	12	4.5 J
PFMOAA	8.9 J	9.8	<2 UJ
PMPA	26	31	17 J

	January	April	June
HFPO-DA	36	17	6.7 J
PFMOAA	13 J	9.9	<2 UJ
PMPA	62	30	14 J

	January	April	June
HFPO-DA	190	130	870 J
PFMOAA	500 J	1,000	1,800 J
PMPA	33	41	<150 UJ

	January	April	June
HFPO-DA	31	35	57
PFMOAA	11 J	19	3.7
PMPA	26	32	31

	January	April	June
HFPO-DA	31	220	NS
PFMOAA	15 J	27	NS
PMPA	34	43	NS

	January	April	June
HFPO-DA	8,300	NS	NS
PFMOAA	22,000	NS	NS
PMPA	810	NS	NS

	January	April	June
HFPO-DA	12	16	4.7
PFMOAA	8.2 J	15	3.2
PMPA	24	26	33

	January	April	June
HFPO-DA	11	16	5.6
PFMOAA	10 J	15	3
PMPA	26	26	31

	January	April	June
HFPO-DA	11	10	38 J
PFMOAA	9.9 J	7.1	<2 UJ
PMPA	46	27	96 J

	January	April	June
HFPO-DA	59	25	NS
PFMOAA	14	11	NS
PMPA	18	25	NS

	January	April	June
HFPO-DA	13	13	NS
PFMOAA	12	7.6	NS
PMPA	17	26	NS

	January	April	June
HFPO-DA	<150	34	27 J
PFMOAA	<5 UJ	56	110 J
PMPA	<10 UJ	11	37 J

	January	April	June
HFPO-DA	210	200	240 J
PFMOAA	280	88	260 J
PMPA	1,000	60	71 J

	January	April	June
HFPO-DA	85	36	NS
PFMOAA	120	14	NS
PMPA	23	27	NS

	January	April	June
HFPO-DA	19 J	5	51 J
PFMOAA	8.7 J	<5	<2 UJ
PMPA	27	13	34 J

	January	April	June
HFPO-DA	75	54	2.2 J
PFMOAA	14 J	37	<2 UJ
PMPA	120	44	<13 UJ

	January	April	June
HFPO-DA	7.8	13	NS
PFMOAA	12	14	NS
PMPA	15	25	NS

	January	April	June
HFPO-DA	19	16	NS
PFMOAA	17	9.8	NS
PMPA	24	22	NS

	January	April	June
HFPO-DA	Dry	39	NS
PFMOAA	Dry	25	NS
PMPA	Dry	34	NS

	January	April	June
HFPO-DA	89 J	41	NS
PFMOAA	35 J	14	NS
PMPA	27	31	NS

Legend

- Temporal Composite Sample
- Grab Sample

Sample Location Category

- Outfall 002
- Intake River Water at Facility
- Process wastewater
- Non-process wastewater
- Stormwater

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:
ng/L - nanograms per liter
J - estimated value
UJ - estimated reporting limit
Dry - Insufficient water to collect sample
NS - not sampled
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. Samples collected in May 2020 and June 2020 are considered one sampling event, subdivided into a storm event in May and a dry weather event in June. 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 event in June. Location 8 was sampled in both the storm event in May and the dry event in June. Results for samples collected in the storm event in May are presented in Figure 3D, 3E, and 3F.

500 250 0 500 Feet

HFPO-DA, PFMOAA, and PMPA Concentrations – Locations that Reach Outfall 002 – 2020 Dry Events

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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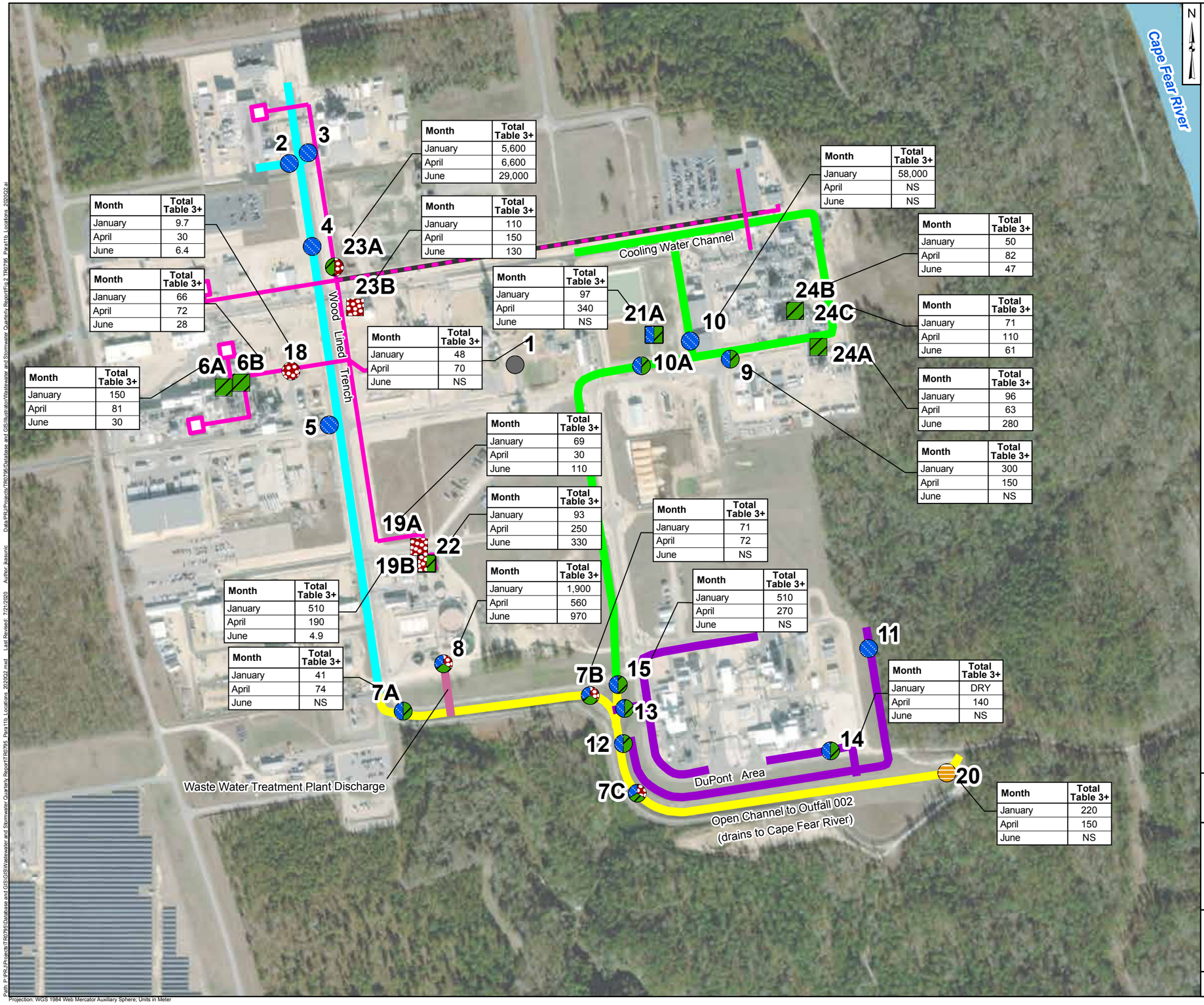
Figure 3A

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Wastewater and Stormwater Quarterly Report\TR0795_Para11b_Locations_20200ZZ.mxd Author: jkasunic Last Revised: 7/21/2020 Data:PRJ\Projects\TR0795\Database and GIS\Illustrator\Wastewater and Stormwater Quarterly Report\Fig.2 TR0795 Para11b_Locations_20200Zz.ai

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



Month	Total Table 3+
January	9.7
April	30
June	6.4

Month	Total Table 3+
January	5,600
April	6,600
June	29,000

Month	Total Table 3+
January	110
April	150
June	130

Month	Total Table 3+
January	58,000
April	NS
June	NS

Month	Total Table 3+
January	50
April	82
June	47

Month	Total Table 3+
January	66
April	72
June	28

Month	Total Table 3+
January	97
April	340
June	NS

Month	Total Table 3+
January	71
April	110
June	61

Month	Total Table 3+
January	48
April	70
June	NS

Month	Total Table 3+
January	150
April	81
June	30

Month	Total Table 3+
January	96
April	63
June	280

Month	Total Table 3+
January	69
April	30
June	110

Month	Total Table 3+
January	300
April	150
June	NS

Month	Total Table 3+
January	93
April	250
June	330

Month	Total Table 3+
January	71
April	72
June	NS

Month	Total Table 3+
January	1,900
April	560
June	970

Month	Total Table 3+
January	510
April	270
June	NS

Month	Total Table 3+
January	510
April	190
June	4.9

Month	Total Table 3+
January	DRY
April	140
June	NS

Month	Total Table 3+
January	41
April	74
June	NS

Month	Total Table 3+
January	220
April	150
June	NS

Legend

- Temporal Composite Sample
- Grab Sample

Sample Location Category

- Outfall 002
- Intake River Water at Facility
- Process wastewater
- Non-process wastewater
- Stormwater

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:
ng/L - nanograms per liter
J - estimated value
UJ - estimated reporting limit
Dry - Insufficient water to collect sample
NS - not sampled
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. Samples collected in May 2020 and June 2020 are considered one sampling event, subdivided into a storm event in May and a dry weather event in June. 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 event in June. Location 8 was sampled in both the storm event in May and the dry event in June. Results for samples collected in the storm event in May are presented in Figure 3D, 3E, and 3F.
5. 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.
6. Non-detect values were not included in sum of total Table 3+ results.
7. Total Table 3+ results include J-qualified data.

500 250 0 500 Feet

Total Table 3+ Concentrations (17 Compounds) – Locations that Reach Outfall 002 – 2020 Dry Events

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

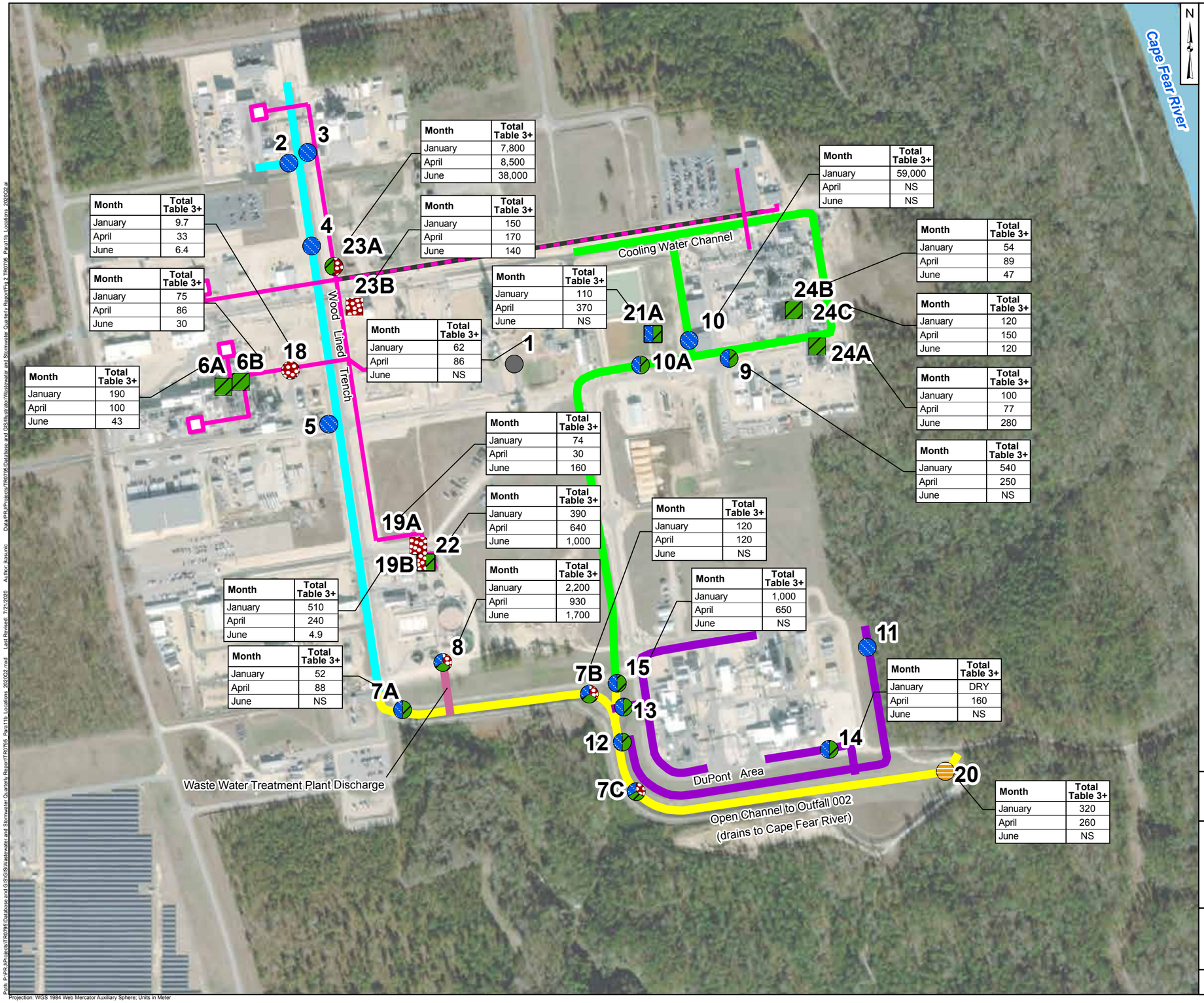
Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295

Raleigh | July 2020

Figure 3B

Path: P:\PR\J\Projects\TR0795\Database and GIS\GIS\Wastewater and Stormwater Quarterly Report\TR0795_Para11b_Locations_2020Q2.mxd Last Revised: 7/31/2020 Author: jkasunic Data/PRJ/Projects/TR0795/Database and GIS/Illustrator/Wastewater and Stormwater Quarterly Report/Fig.2 TR0795_Para11b_Locations_2020Q2.ai

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



Legend

- Temporal Composite Sample
- Grab Sample

Sample Location Category

- Outfall 002
- Intake River Water at Facility
- Process wastewater
- Non-process wastewater
- Stormwater

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:
ng/L - nanograms per liter
J - estimated value
UJ - estimated reporting limit
Dry - Insufficient water to collect sample
NS - not sampled
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. Samples collected in May 2020 and June 2020 are considered one sampling event, subdivided into a storm event in May and a dry weather event in June. 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 event in June. Location 8 was sampled in both the storm event in May and the dry event in June. Results for samples collected in the storm event in May are presented in Figure 3D, 3E, and 3F.
Total table 3+ concentration is summed over all 20 compounds including R-PSDA, Hydrolyzed PSDA, and R-EVE, and includes HFPO-DA results evaluated by EPA Method 537 Mod.
Non-detect values were not included in sum of total Table 3+ results.
Total Table 3+ results include J-qualified data.

500 250 0 500 Feet

Total Table 3+ Concentrations (20 Compounds) – Locations that Reach Outfall 002 – 2020 Dry Events

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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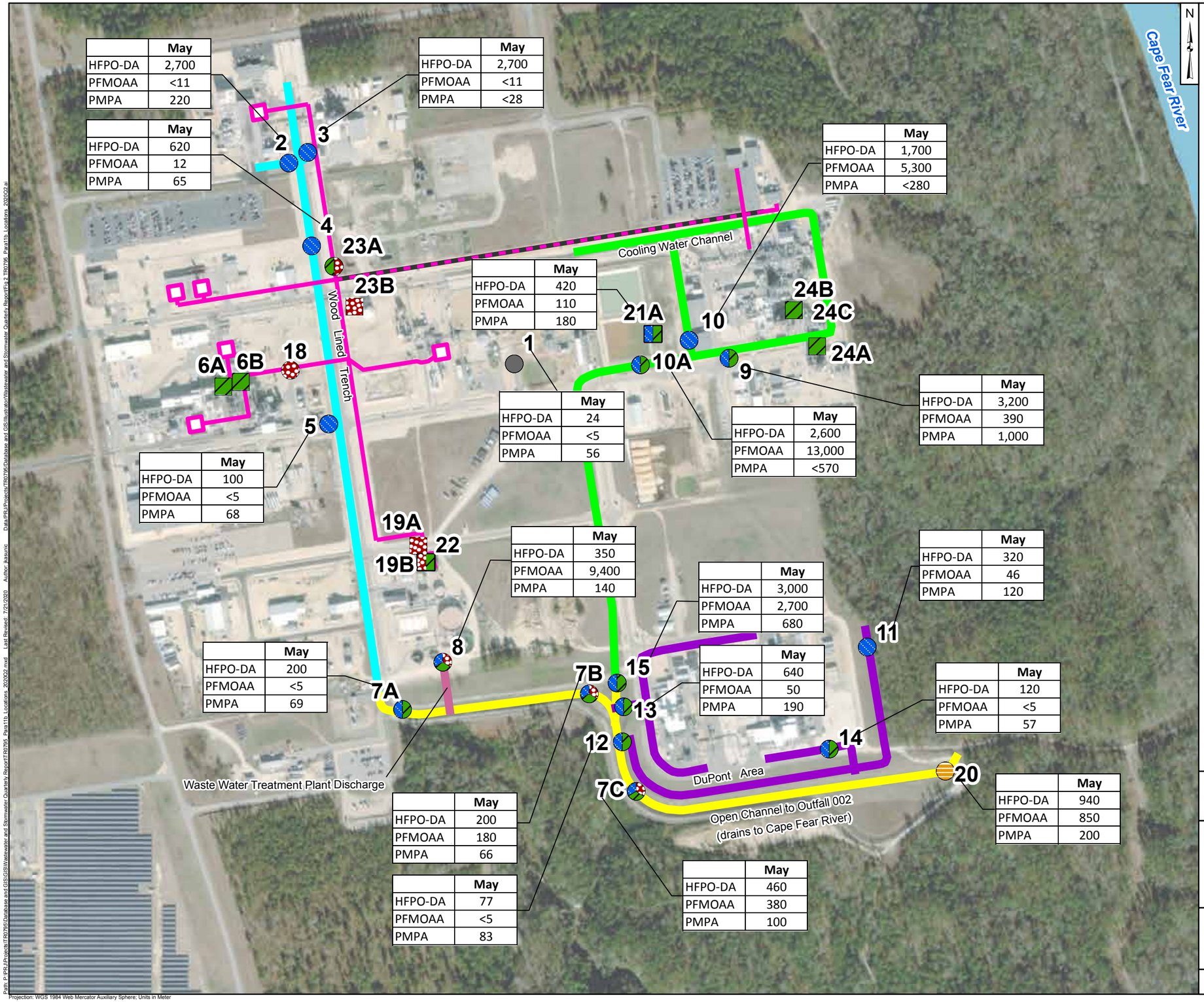
Figure 3C

Path: P:\PR\J\Projects\TR0795\Database and GIS\GIS\Wastewater and Stormwater Quarterly Report\TR0795_Para11b_Locations_2020Q2.mxd Last Revised: 7/31/2020 Author: jkasunic Data/PRJ/Projects/TR0795/Database and GIS/Illustrator/Wastewater and Stormwater Quarterly Report/Fig.2 TR0795_Para11b_Locations_2020Q2.ai

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



Legend

- Temporal Composite Sample
- Grab Sample

Sample Location Category

- Outfall 002
- Intake River Water at Facility
- Process wastewater
- Non-process wastewater
- Stormwater

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:
ng/L - nanograms per liter
J - estimated value
UJ - estimated reporting limit
Dry - Insufficient water to collect sample
NS - not sampled
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 up to 2 hours to capture the storm event.
4. Samples collected in May 2020 and June 2020 are considered one sampling event, subdivided into a storm event in May and a dry weather event in June. 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 event in June. Location 8 was sampled in both the storm event in May and the dry event in June. Results for samples collected in the dry event in June are presented in Figure 3A, 3B, and 3C.

500 250 0 500 Feet

HFPO-DA, PFMOAA, and PMPA Concentrations – Locations that Reach Outfall 002 – 2020 Wet Event

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

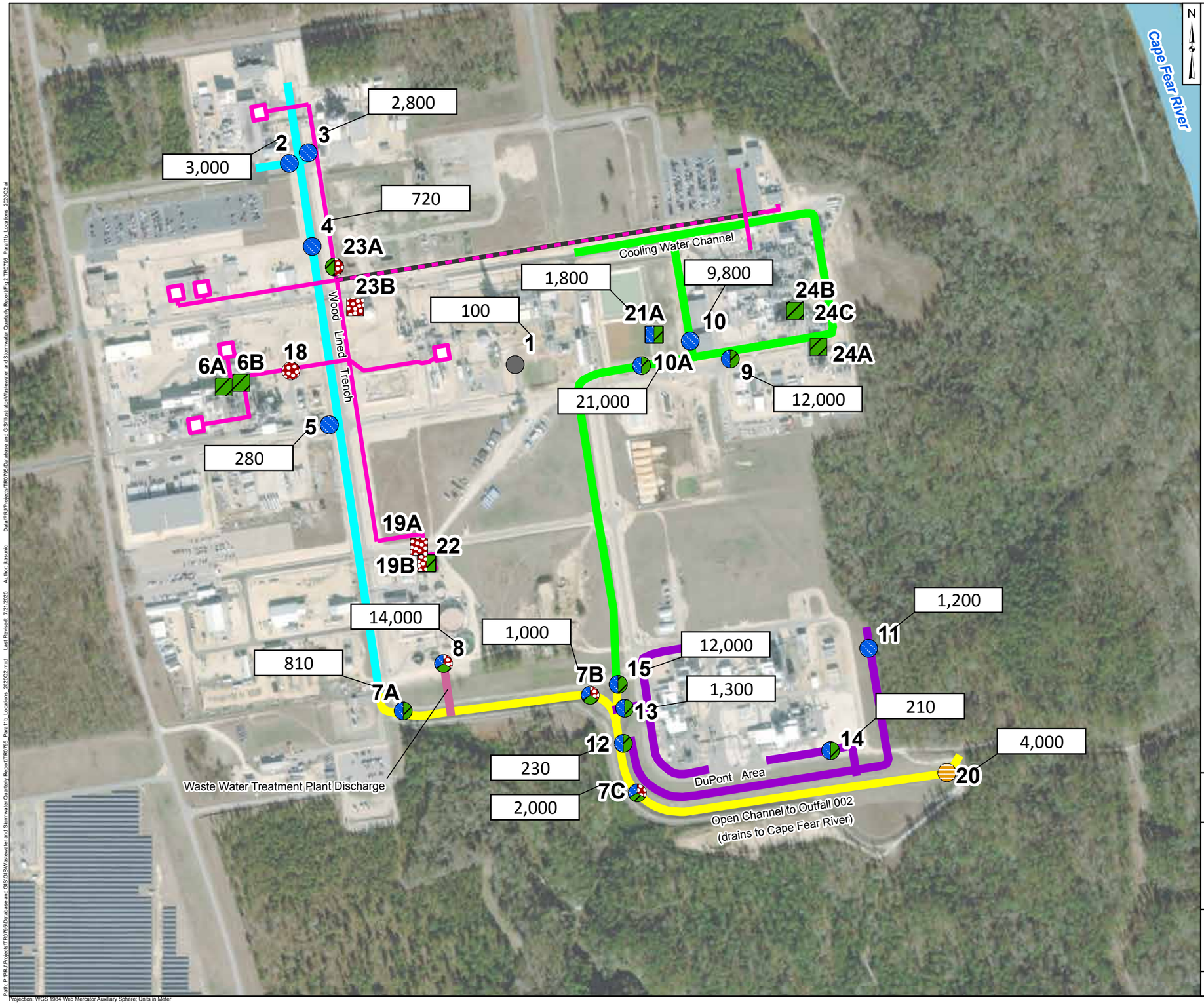
Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295

Raleigh | July 2020

Figure 3D

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

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Wastewater and Stormwater Quarterly Report\TR0795_Para11b_Locations_202002.mxd Last Revised: 7/21/2020 Author: jkasunic Data:PRJ\Projects\TR0796\Database and GIS\Illustrator\Wastewater and Stormwater Quarterly Report\Fig.2 TR0796_Para11b_Locations_202002.ai



Legend

- Temporal Composite Sample
- Grab Sample

Sample Location Category

- Outfall 002
- Intake River Water at Facility
- Process wastewater
- Non-process wastewater
- Stormwater

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:
ng/L - nanograms per liter
J - estimated value
UJ - estimated reporting limit
Dry - Insufficient water to collect sample
NS - not sampled
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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 up to 2 hours to capture the storm event.
4. Samples collected in May 2020 and June 2020 are considered one sampling event, , subdivided into a storm event in May and a dry weather event in June. 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 event in June. Location 8 was sampled in both the storm event in May and the dry event in June. Results for samples collected in the dry event in June are presented in Figure 3A, 3B, and 3C.
5. 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.
6. Non-detect values were not included in sum of total Table 3+ results.
7. Total Table 3+ results include J-qualified data.

500 250 0 500 Feet

Total Table 3+ Concentrations (17 Compounds) – Locations that Reach Outfall 002 – 2020 Wet Event

Chemours Fayetteville Works, North Carolina

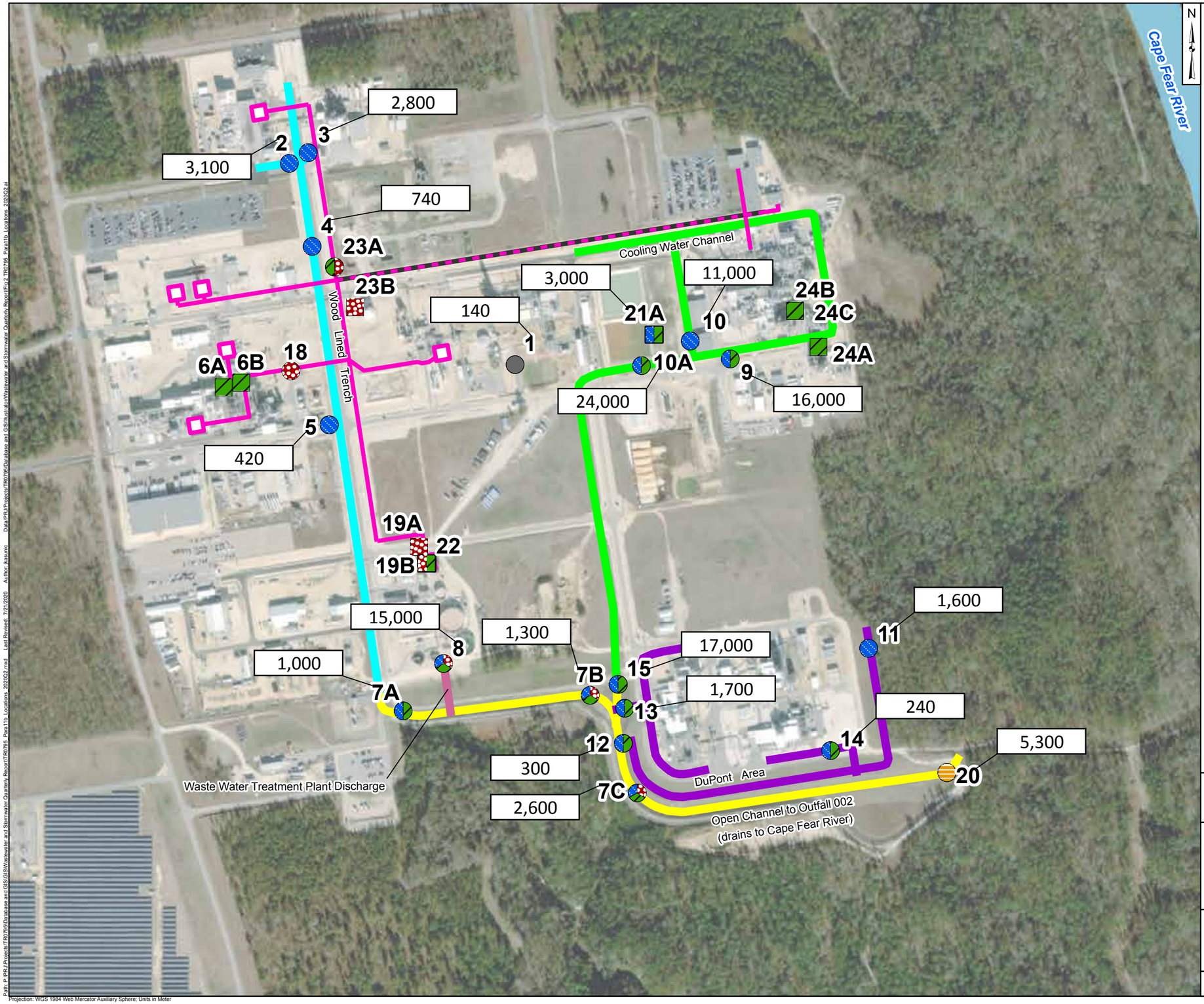
Geosyntec consultants

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

Raleigh | July 2020

Figure 3E

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Wastewater and Stormwater Quarterly Report\TR0795_Para11b_Locations_20200202.mxd Author: jkasunic Last Revised: 7/21/2020 Data\PRJ\Projects\TR0795\Database and GIS\Illustrator\Wastewater and Stormwater Quarterly Report\Fig.2 TR0795_Para11b_Locations_20200202.ai
Projection: WGS 1984 Web Mercator Auxiliary Sphere; Units in Meter



Legend

- Temporal Composite Sample
- Grab Sample

Sample Location Category

- Outfall 002
- Intake River Water at Facility
- Process wastewater
- Non-process wastewater
- Stormwater

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:
ng/L - nanograms per liter
J - estimated value
UJ - estimated reporting limit
Dry - Insufficient water to collect sample
NS - not sampled
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 up to 2 hours to capture the storm event.
4. Samples collected in May 2020 and June 2020 are considered one sampling event, subdivided into a storm event in May and a dry weather event in June. 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 event in June. Location 8 was sampled in both the storm event in May and the dry event in June. Results for samples collected in the dry period in June are presented in Figure 3A, 3B, and 3C.
5. Total table 3+ concentration is summed over all 20 compounds including R-PSDA, Hydrolyzed PSDA, and R-EVE, and includes HFPO-DA results evaluated by EPA Method 537 Mod.
6. Non-detect values were not included in sum of total Table 3+ results.
7. Total Table 3+ results include J-qualified data.

500 250 0 500 Feet

Total Table 3+ Concentrations (20 Compounds) – Locations that Reach Outfall 002 – 2020 Wet Event

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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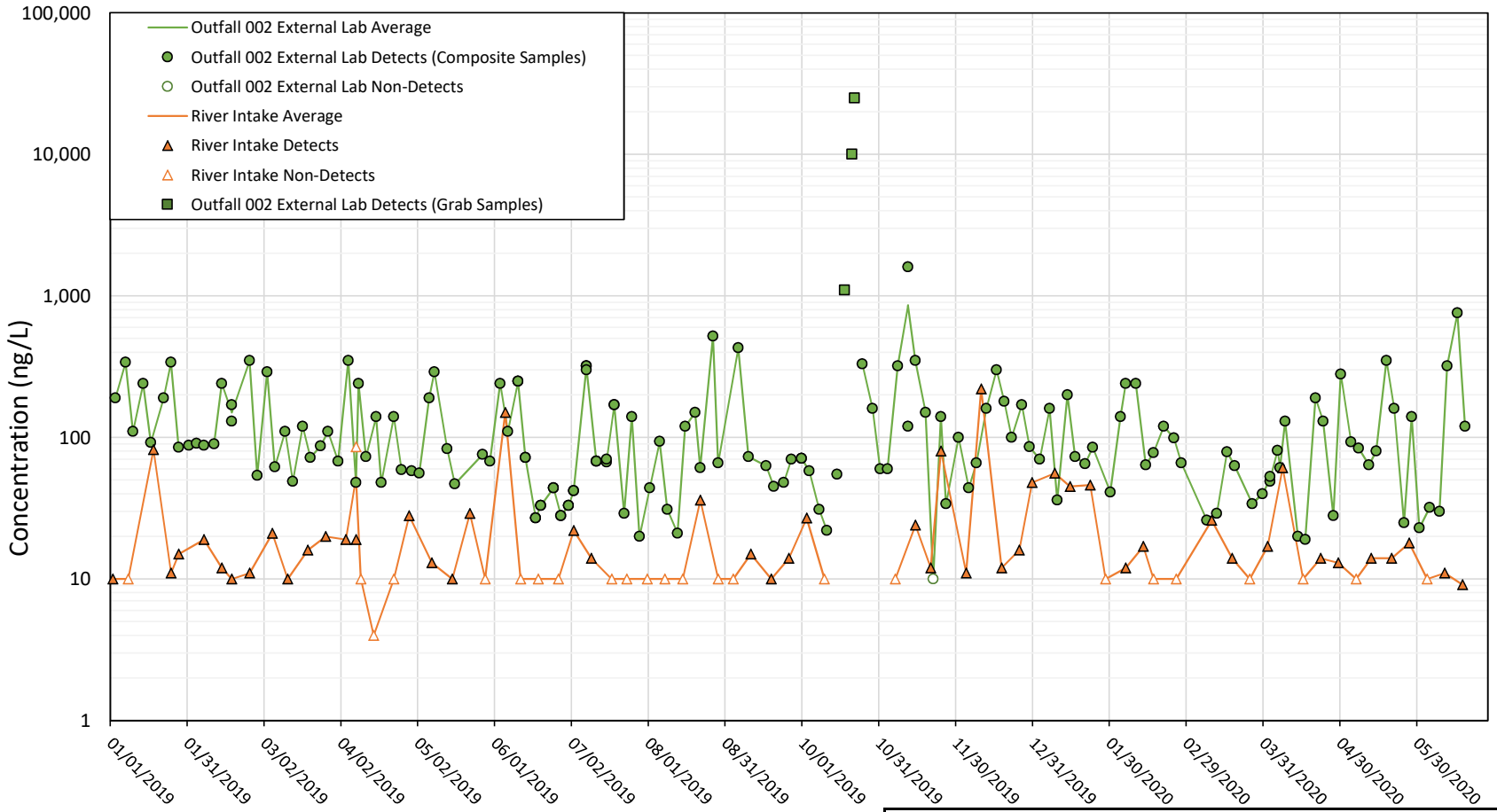
Figure 3F

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Wastewater and Stormwater Quarterly Report\TR0795_Para11b_Locations_20200f2.mxd Author: jkasunic Last Revised: 7/21/2020 Data/PRJ\Projects\TR0795\Database and GIS\Illustrator\Wastewater and Stormwater Quarterly Report\Fig.2 TR0795_Para11b_Locations_20200f2.ai

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



Notes:

- Prior to March 9, 2020 Outfall 002 samples are 3.5 day time-weighted composite samples except for samples on October 18, 21 and 22 2019, which were grab samples (shown as square symbols). Samples after March 9, 2020 are 24-hr flow-weighted samples.
- Intake samples are grab samples.
- The plant was shutdown and not discharging cooling water from Outfall 002 during the Plant Turn Around between October 12, 2019 and October 24, 2019. The data series are discontinuous to represent the Plant Turn Around.

Acronyms:

ng / L: nanograms per liter

Intake and Outfall 002 Concentrations - HFPO-DA

Chemours Fayetteville Works, North Carolina

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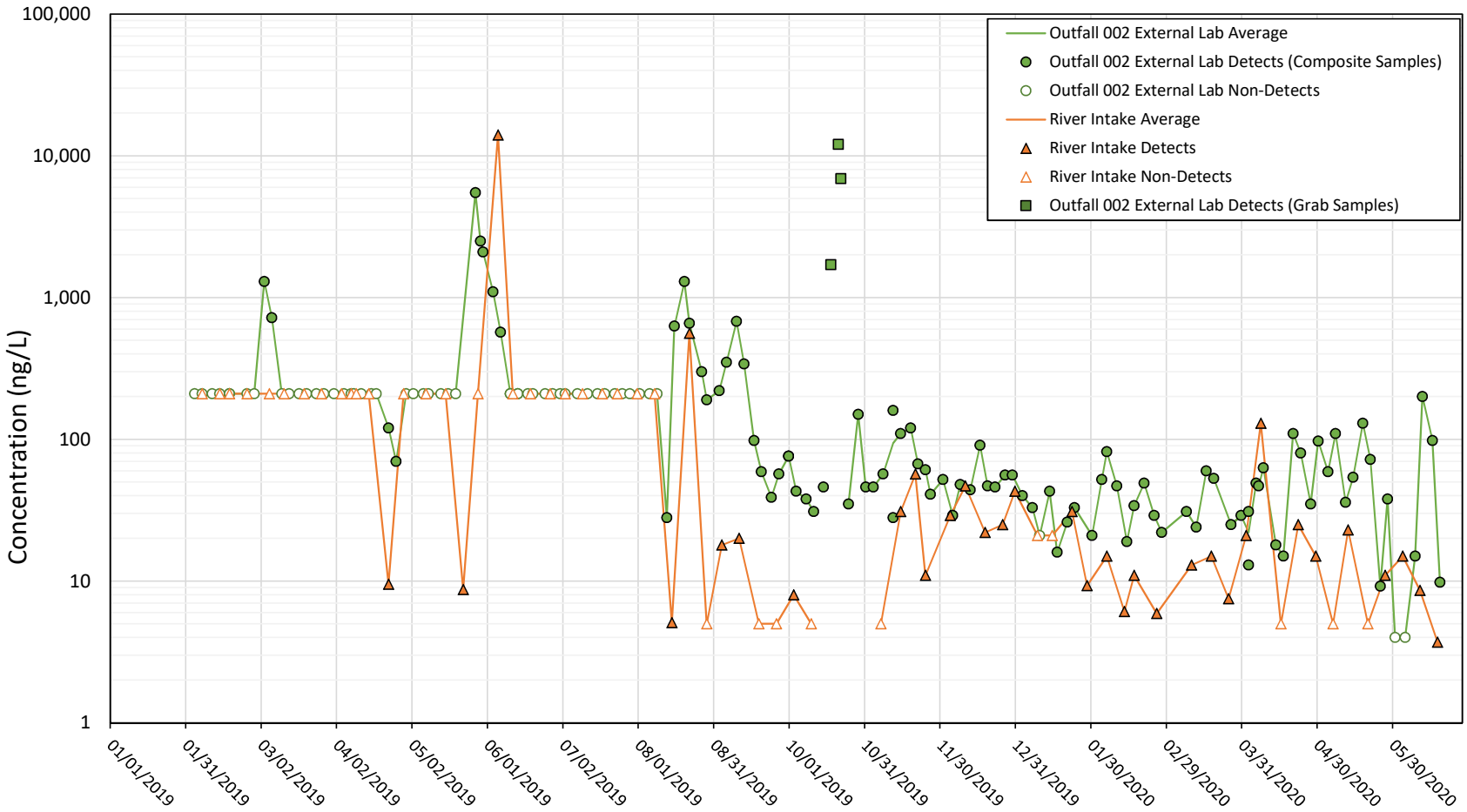
Figure

4A



Notes:

- Prior to March 9, 2020 Outfall 002 samples are 3.5 day time-weighted composite samples except for samples on October 18, 21 and 22 2019, which were grab samples (shown as square symbols). Samples after March 9, 2020 are 24-hr flow-weighted samples.
- Intake samples are grab samples.
- The plant was shutdown and not discharging cooling water from Outfall 002 during the Plant Turn Around between October 12, 2019 and October 24, 2019. The data series are discontinuous to represent the Plant Turn Around.

Acronyms:

ng / L: nanograms per liter

Intake and Outfall 002 Concentrations - PFMOAA

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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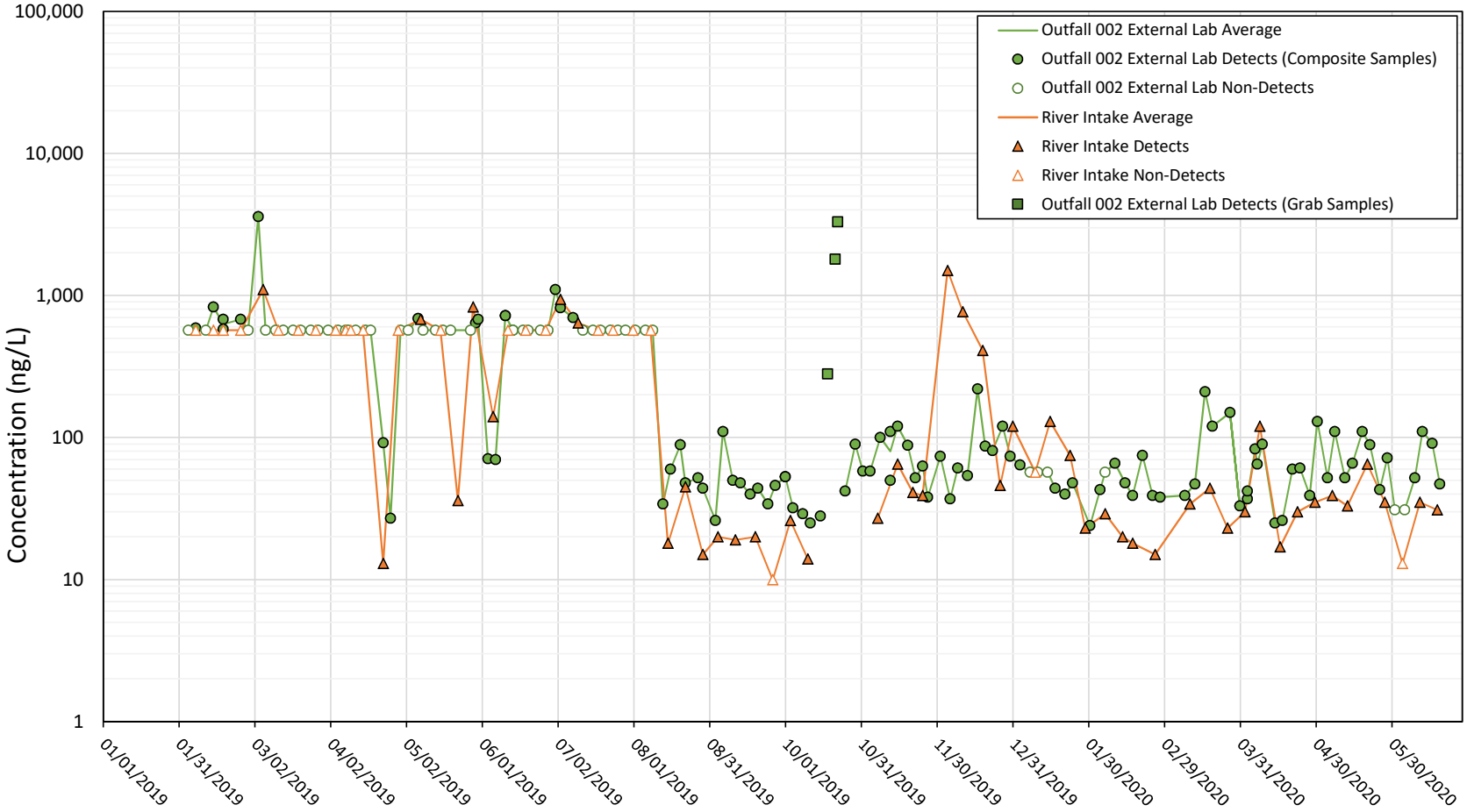
Figure

4B



Notes:

- Prior to March 9, 2020 Outfall 002 samples are 3.5 day time-weighted composite samples except for samples on October 18, 21 and 22 2019, which were grab samples (shown as square symbols). Samples after March 9, 2020 are 24-hr flow-weighted samples.
- Intake samples are grab samples.
- The plant was shutdown and not discharging cooling water from Outfall 002 during the Plant Turn Around between October 12, 2019 and October 24, 2019. The data series are discontinuous to represent the Plant Turn Around.

Acronyms:

ng / L: nanograms per liter

Intake and Outfall 002 Concentrations - PMPA

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

4C

APPENDIX A
Analytical Results – All Sampling Events

TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	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**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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

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 - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	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**	**31**
Hydrolyzed PSDA	**7.1 J**	**6.1 J**	**5.2**	**4.8**
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**
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**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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

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 - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	2	3	4	5
Sampling Event	May/June 2020	May/June 2020	May/June 2020	May/June 2020
Field Sample ID	STW-LOC-2-.33-052120	STW-LOC-3-2-052120	STW-LOC-4-2-052120	STW-LOC-5-1.99-052120
Date Sampled	5/20/2020	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)	**2,700**	**2,700**	**620**	**100**
PFMOAA	<11	<11	**12**	<5
PFO2HxA	**41**	**25**	**6.9**	**19**
PFO3OA	**10**	**11**	**3.3**	**4.5**
PFO4DA	**4**	**8**	**2**	**3**
PFO5DA	<2	**11**	**4.9**	**9.2**
PMPA	**220**	<28	**65**	**68**
PEPA	**32**	<20	<20	<20
PS Acid	**11**	<2	<2	**13**
Hydro-PS Acid	**5**	**4**	**2**	**51**
R-PSDA	**26**	**17**	**17**	**120**
Hydrolyzed PSDA	**19**	**5.2**	**2.2**	**5.2**
R-PSDCA	<2	<2	<2	**5**
NVHOS	**4.7**	**3.1**	<2	**9.9**
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	**2**	<2	<2	<2
R-EVE	**15**	**5.4**	**3.8**	**11**
PES	<2.3	<2.3	<2	<2
PFECA B	<3	<3	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**3,000**	**2,800**	**720**	**280**
Total Table 3+ Compounds (20 compounds)*	**3,100**	**2,800**	**740**	**420**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<3	<3.2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<5	<5.4	<2.5	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<31	<34	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<82	<87	<41	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<13	<14	<6.7	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<22	<23	<11	<4
6:2 Fluorotelomer sulfonate	<31	<34	<20	<20
F-53B Major (9Cl-PF3ONS)	<3.8	<4	<2	<2
ADONA	--	--	--	--
DONA	<2.8	<3	<2	<2
NaDONA	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<30	<32	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<14	<15	<6.9	<2
N-methyl perfluoro-1-octanesulfonamide	<6.8	<7.2	<3.4	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<49	<52	<24	<20
Perfluorobutane Sulfonic Acid	<3.1	<3.4	<2	**2**
Perfluorobutanoic Acid	<5.5	<5.9	<2.8	**3.4**
Perfluorodecane Sulfonic Acid	<5	<5.4	<2.5	<2
Perfluorodecanoic Acid	<4.9	<5.2	<2.4	<2
Perfluorododecane sulfonic acid (PFDoS)	<7.1	<7.5	<3.6	<2
Perfluorododecanoic Acid	<8.6	<9.2	<4.3	<2
Perfluoroheptane sulfonic acid (PFHpS)	<3	<3.2	<2	<2
Perfluoroheptanoic Acid	<3.9	<4.2	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	<14	<15	<7	<2
Perfluorohexane Sulfonic Acid	<2.7	**3**	<2	<2
Perfluorohexanoic Acid	<9.1	<9.7	<4.6	<2
Perfluorononanesulfonic acid	<2.5	<2.7	<2	<2
Perfluorononanoic Acid	<4.2	<4.5	<2.1	<2
Perfluorooctadecanoic acid	<7.2	<7.7	<3.6	<2
Perfluorooctane Sulfonamide	<5.5	<5.9	<2.8	<2
Perfluoropentane sulfonic acid (PFPeS)	<4.7	<5	<2.4	<2
Perfluoropentanoic Acid	<7.7	<8.2	<3.9	**12**
Perfluorotetradecanoic Acid	<4.6	<4.9	<2.3	<2
Perfluorotridecanoic Acid	<20	<22	<10	<2
Perfluoroundecanoic Acid	<17	<18	<8.7	<2
PFOA	**18**	**26**	**9**	<2
PFOS	<8.5	**15**	<4.3	**2.1**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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

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 - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	6A			
Sampling Event	April 2019	June 2019	August 2019	October 2019
Field Sample ID	DSTW-LOC6A-042419	STW-LOC-6A-062719	STW-LOC6A-082119	STW-LOC6A-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)	**13**	**66**	**19**	**17**
PFMOAA	<5 UJ	<5 UJ	<5	<5 UJ
PFO2HxA	**11 J**	**11 J**	**12**	**12**
PFO3OA	<2 UJ	<2 UJ	<2	**2**
PFO4DA	<2 UJ	<2 UJ	<2	<2
PFO5DA	<2 UJ	<2 UJ	<2	<2
PMPA	**24 J**	**23 J**	**27**	**37**
PEPA	<20 UJ	<20 UJ	<20	<20
PS Acid	<2 UJ	<2 UJ	<2	<2
Hydro-PS Acid	<2 UJ	<2 UJ	<2	<2
R-PSDA	**8.1 J**	**7.9 J**	<2	**15 J**
Hydrolyzed PSDA	**4.3 J**	<2 UJ	**5.1 J**	**2.9 J**
R-PSDCA	<2 UJ	<2 UJ	<2	<2
NVHOS	<2 UJ	<2 UJ	**5.3**	**6.6**
EVE Acid	<2 UJ	<2 UJ	<2	<2
Hydro-EVE Acid	<2 UJ	<2 UJ	<2	<2
R-EVE	**2.6 J**	**4 J**	**3.9**	**6 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)*	**48**	**100**	**63**	**75**
Total Table 3+ Compounds (20 compounds)*	**63**	**110**	**72**	**99**
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**	**3.6**	**4.3**	**5.9**
Perfluorobutanoic Acid	**7.6**	**11**	**8.7**	**18**
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	**7.4**	**13**	**21**	**36**
Perfluorohexadecanoic acid (PFHxDA)	<2.0	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3.7**	**5.3**	**6.5**	**8.9**
Perfluorohexanoic Acid	**9.2**	**22**	**27**	**48**
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	**7.4**	**18**	**27**	**45**
Perfluorotetradecanoic Acid	<2.0	<2	<2	<2
Perfluorotridecanoic Acid	<2.0	<2	<2	<2
Perfluoroundecanoic Acid	<2.0	<2	<2	<2
PFOA	**8.6**	**8.3**	**11**	**12**
PFOS	**14**	**14**	**18**	**18**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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

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 - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	6A			
Sampling Event	December 2019	January 2020	April 2020	May/June 2020
Field Sample ID	STW-LOC-6A-122019	STW-LOC6A-012920	STW-LOC-6A-042820	STW-LOC6A-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)	**30 B**	**36**	**17**	**6.7 J**
PFMOAA	**13**	**13 J**	**9.9**	<2 UJ
PFO2HxA	**7.7**	**16**	**11**	**7.1 J**
PFO3OA	<2	<2	**2**	<2 UJ
PFO4DA	<2	<2	<2	<2 UJ
PFO5DA	<2	<2	**5.9**	<2 UJ
PMPA	**53 B**	**62**	**30**	**14 J**
PEPA	**22**	**24**	<20	**2 J**
PS Acid	<2	<2	<2	<2 UJ
Hydro-PS Acid	<2	<2	<2	<2 UJ
R-PSDA	**6.5 J**	**21 J**	**14**	**7.6 J**
Hydrolyzed PSDA	**6.4 J**	**7.3 J**	**4.7**	**2.4 J**
R-PSDCA	<2	<2	<2	<2 UJ
NVHOS	<2	<2	**5.4**	<2 UJ
EVE Acid	<2	<2	<2	<2 UJ
Hydro-EVE Acid	<2	<2	<2	<2 UJ
R-EVE	**4.2 J**	**7.8 J**	**5**	**3.6 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)*	**130**	**150**	**81**	**30**
Total Table 3+ Compounds (20 compounds)*	**140**	**190**	**100**	**43**
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**	**2.5**	**3.6**	**3**
Perfluorobutanoic Acid	<2	**4**	**5.8**	**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	**11**	**5.3**	**4.7**	**5**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3.6**	**2.9**	**4.8**	**3.5**
Perfluorohexanoic Acid	**16**	**7**	**9.2**	**9.7**
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	**11**	**5.6**	**11**	**6.4**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**6.1**	**5.3**	**6.9**	**7.6**
PFOS	**9.4**	**8.6**	**14**	**16**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

Bold - Analyte detected above associated reporting limit

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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

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

-- - No data reported

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	6B			
Sampling Event	April 2019	June 2019	August 2019	October 2019
Field Sample ID	DSTW-LOC6B-042419	STW-LOC-6B-062719	STW-LOC6B-082119	STW-LOC6B-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)	**41**	**24**	**17**	**17**
PFMOAA	<5 UJ	<5 UJ	<5	<5 UJ
PFO2HxA	**11 J**	**13 J**	**11**	**11**
PFO3OA	<2 UJ	<2 UJ	<2	**2.1**
PFO4DA	<2 UJ	<2 UJ	<2	<2
PFO5DA	<2 UJ	<2 UJ	<2	<2
PMPA	**23 J**	**23 J**	**37**	**30**
PEPA	<20 UJ	<20 UJ	<20	<20
PS Acid	<2 UJ	<2 UJ	<2	<2
Hydro-PS Acid	<2 UJ	<2 UJ	<2	<2
R-PSDA	**11 J**	**13 J**	**12 J**	**11 J**
Hydrolyzed PSDA	**3.6 J**	<2 UJ	**2.5 J**	**2.8 J**
R-PSDCA	<2 UJ	<2 UJ	<2	<2
NVHOS	<2 UJ	<2 UJ	**4.4**	**6.5**
EVE Acid	<2 UJ	<2 UJ	<2	<2
Hydro-EVE Acid	<2 UJ	<2 UJ	<2	<2
R-EVE	**6.6 J**	**5.8 J**	**3.2 J**	**4.7 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)*	**75**	**60**	**69**	**67**
Total Table 3+ Compounds (20 compounds)*	**96**	**79**	**87**	**85**
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	**2.3**	**3.6**	**4.3**	**6.9**
Perfluorobutanoic Acid	**7.1**	**9.2**	**8.4**	**18**
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	**7.4**	**13**	**20**	**35**
Perfluorohexadecanoic acid (PFHxDA)	<2.0	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3.6**	**5.6**	**5.8**	**8.5**
Perfluorohexanoic Acid	**9.3**	**20**	**27**	**48**
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**	**17**	**26**	**46**
Perfluorotetradecanoic Acid	<2.0	<2	<2	<2
Perfluorotridecanoic Acid	<2.0	<2	<2	<2
Perfluoroundecanoic Acid	<2.0	<2	<2	<2
PFOA	**9.3**	**9.6**	**8.8**	**11**
PFOS	**14**	**16**	**15**	**16**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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ND - No Table 3+ compounds were detected above their associated reporting limits.

ng/L - nanograms per liter

QA/QC - Quality assurance/ quality control

SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	6B			
Sampling Event	December 2019	January 2020	April 2020	May/June 2020
Field Sample ID	STW-LOC-6B-122019	STW-LOC6B-012920	STW-LOC-6B-042820	STW-LOC6B-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)	**9 B**	**25**	**12**	**4.5 J**
PFMOAA	**13**	**8.9 J**	**9.8**	<2 UJ
PFO2HxA	**6.4**	**6.1**	**9.5**	**6.4 J**
PFO3OA	<2	<2	<2	<2 UJ
PFO4DA	<2	<2	<2	<2 UJ
PFO5DA	<2	<2	**4.5**	<2 UJ
PMPA	**19 B**	**26**	**31**	**17 J**
PEPA	<20	<20	<20	<2 UJ
PS Acid	<2	<2	<2	<2 UJ
Hydro-PS Acid	<2	<2	<2	<2 UJ
R-PSDA	<2	**3.4 J**	**10**	<2 UJ
Hydrolyzed PSDA	**6.4 J**	**5.1 J**	**4**	**2 J**
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	<2 UJ
R-EVE	<2	<2	<2	<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)*	**47**	**66**	**72**	**28**
Total Table 3+ Compounds (20 compounds)*	**54**	**75**	**86**	**30**
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	**3.3**	**2.4**	**3.6**	**3.1**
Perfluorobutanoic Acid	<2	**3.4**	**5.6**	**8.6**
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	**8.2**	**4.7**	**4.5**	**4.4**
Perfluorohexadecanoic acid (PFHxDA)	<2 UJ	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3.4**	**2.6**	**4.4**	**3**
Perfluorohexanoic Acid	**16**	**6.3**	**9.2**	**8.8**
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	**10**	**5.5**	**11**	**7.5**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**4.9**	**4.2**	**6**	**6.6**
PFOS	**7.2**	**5.9**	**9.8**	**9.3**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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ND - No Table 3+ compounds were detected above their associated reporting limits.

ng/L - nanograms per liter

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SOP - standard operating procedure

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-- - No data reported

< - Analyte not detected above associated reporting limit.

TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	7A			
Sampling Event	April 2019	June 2019	August 2019	October 2019
Field Sample ID	DSTW-LOC7A-042419	STW-LOC7A-062819	STW-LOC7A-082219	STW-LOC7A-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)	**14**	**22**	**13**	**16**
PFMOAA	**8 J**	<5	**6.7**	<5 UJ
PFO2HxA	**12 J**	**14**	**9.4**	**10**
PFO3OA	<2 UJ	**2.2**	<2	<2
PFO4DA	<2 UJ	<2	<2	<2
PFO5DA	<2 UJ	<2	<2	<2
PMPA	**24 J**	**22**	**23**	**28**
PEPA	<20 UJ	<20	<20	<20
PS Acid	<2 UJ	<2	<2	<2
Hydro-PS Acid	<2 UJ	<2	<2	<2
R-PSDA	**5.3 J**	**3.4 J**	**11 J**	**11 J**
Hydrolyzed PSDA	**4.2 J**	<2	**3.1 J**	**3.2 J**
R-PSDCA	<2 UJ	<2	<2	<2
NVHOS	<2 UJ	<2	**4.5**	**6.6**
EVE Acid	<2 UJ	<2	<2	<2
Hydro-EVE Acid	<2 UJ	<2	<2	<2
R-EVE	**3.9 J**	<2	<2	**4.8 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)*	**58**	**60**	**57**	**61**
Total Table 3+ Compounds (20 compounds)*	**71**	**64**	**71**	**80**
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	<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**	**3.6**	**4.1**	**4.9**
Perfluorobutanoic Acid	**7**	**8.8**	**8.8**	**18**
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	**7.4**	**14**	**20**	**33**
Perfluorohexadecanoic acid (PFHxDA)	<2.0	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3.4**	**5.2**	**6.1**	**8.8**
Perfluorohexanoic Acid	**8.3**	**20**	**26**	**49**
Perfluorononanesulfonic acid	<2.0	<2	<2	<2
Perfluorononanoic Acid	<2.0	<2	<2	<2
Perfluorooctadecanoic acid	**2**	<2	<2	<2
Perfluorooctane Sulfonamide	<2.0	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2.0	<2	<2	<2
Perfluoropentanoic Acid	**6.5**	**19**	**26**	**46**
Perfluorotetradecanoic Acid	<2.0	<2	<2	<2
Perfluorotridecanoic Acid	<2.0	<2	<2	<2
Perfluoroundecanoic Acid	<2.0	<2	<2	<2
PFOA	**8.8**	**9.4**	**8.9**	**11**
PFOS	**14**	**15**	**15**	**15**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

-- - No data reported

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	7A			
Sampling Event	December 2019	January 2020	April 2020	May/June 2020
Field Sample ID	STW-LOC-7A-122019	STW-LOC7A-012920	STW-LOC-7A-4-042820	STW-LOC-7A-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)	**9.3 B**	**7.8**	**13**	**200**
PFMOAA	**13**	**12**	**14**	<5
PFO2HxA	**6.7**	**6**	**10**	**21**
PFO3OA	<2	<2	**2.3**	**10**
PFO4DA	<2	<2	<2	**12**
PFO5DA	<2	<2	**4.3**	**17**
PMPA	**21 B**	**15**	**25**	**69**
PEPA	<20	<20	<20	<20
PS Acid	<2	<2	<2	**90**
Hydro-PS Acid	<2	<2	<2	**380**
R-PSDA	<2	**4.7 J**	**9.2**	**120**
Hydrolyzed PSDA	**8.2 J**	**6 J**	**5.5**	**98**
R-PSDCA	<2	<2	<2	**2.2**
NVHOS	<2	<2	**5.1**	**7.6**
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	<2	<2	<2	**19**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**50**	**41**	**74**	**810**
Total Table 3+ Compounds (20 compounds)*	**58**	**52**	**88**	**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	--
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**	**2**	**3.6**	**4.3**
Perfluorobutanoic Acid	**4**	**2.1**	**5.2**	**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	**8.6**	**3.9**	**4.6**	**5.8**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**3.3**	**2.5**	**4.6**	**4.3**
Perfluorohexanoic Acid	**16**	**5**	**9**	**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	**11**	**5**	**10**	**14**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**5.5**	**3.9**	**6.4**	**36**
PFOS	**8.1**	**6.8**	**11**	**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.

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 and a dry weather event in June.

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.

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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

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	7B			
Sampling Event	April 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**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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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

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	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**
Hydrolyzed PSDA	**140 J**	**71 J**	**39 J**	**29**
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**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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ND - No Table 3+ compounds were detected above their associated reporting limits.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	7B	7C	8	
Sampling Event	May/June 2020	May/June 2020	April 2019	June 2019
Field Sample ID	STW-LOC-7B-2-052120	STW-LOC-7C-2-052120	DSTW-LOC8-042419	STW-LOC8-062819
Date Sampled	5/20/2020	5/20/2020	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)	**200**	**460**	**120**	**100**
PFMOAA	**180**	**380**	**1,200 J**	<21
PFO2HxA	**77**	**160**	**480**	**360**
PFO3OA	**23**	**59**	**150**	**200**
PFO4DA	**13**	**38**	<79	**210**
PFO5DA	**19**	**41**	**51**	**520**
PMPA	**66**	**100**	<570	<57
PEPA	<20	**55**	<47	**34**
PS Acid	**85**	**250**	<27	**37**
Hydro-PS Acid	**350**	**390**	**240**	**2,600**
R-PSDA	**120**	**380**	<160	**760**
Hydrolyzed PSDA	**170**	**230**	**690**	**3,500**
R-PSDCA	**2.1**	**7.8**	<15	**49**
NVHOS	**12**	**30**	<54	**190**
EVE Acid	<2	**23**	<24	<2.4
Hydro-EVE Acid	<2	**7.2**	<28	**18**
R-EVE	**17**	**37**	<70	**29 J**
PES	<2	<2	<46	<4.6
PFECA B	<2	<2	<60	<6
PFECA-G	<2	<2	<41	<4.1
Total Table 3+ Compounds (17 compounds)*	**1,000**	**2,000**	**2,200**	**4,300**
Total Table 3+ Compounds (20 compounds)*	**1,300**	**2,600**	**2,900**	**8,600**
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	**4**	**3.9**	**2.4**	**4.3**
Perfluorobutanoic Acid	**5.1**	**10**	**5.7**	**18**
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	**6.5**	**7.6**	**3.7**	**16**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2.0	<2
Perfluorohexane Sulfonic Acid	**4.6**	**4.4**	**3.1**	**4.7**
Perfluorohexanoic Acid	**11**	**11**	**4.9**	**25**
Perfluorononanesulfonic acid	<2	<2	<2.0	<2
Perfluorononanoic Acid	<2	<2	<2.0	**4.8**
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	**15**	**31**	**4.2**	**22**
Perfluorotetradecanoic Acid	<2	<2	<2.0	<2
Perfluorotridecanoic Acid	<2	<2	<2.0	<2
Perfluoroundecanoic Acid	<2	<2	<2.0	<2
PFOA	**31**	**36**	**8.2**	**12**
PFOS	**11**	**9.8**	<2.0	**2.9**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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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

SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	8			
Sampling Event	**August 2019**	**October 2019**	**December 2019**	**January 2020**
Field Sample ID	**STW-LOC8-082219**	**STW-LOC8-101019**	**STW-LOC-8-122319**	**STW-LOC8-013120**
Date Sampled	**8/22/2019**	**10/10/2019**	**12/23/2019**	**1/31/2020**
Analytical Laboratory	**TestAmerica**	**TestAmerica**	**TestAmerica**	**TestAmerica**
QA/QC	**--**	**--**	**--**	**--**
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**460**	**120**	**500**	**210**
PFMOAA	**20,000**	**240 J**	**220**	**280**
PFO2HxA	**4,900**	**95 J**	**73**	**100**
PFO3OA	**1,700**	**48**	**16**	<58
PFO4DA	**1,000**	**48**	**13 J**	<79
PFO5DA	**480**	**85 J**	**14**	**76**
PMPA	**160**	**38**	**130**	**1,000**
PEPA	**72**	**28**	**91**	<47
PS Acid	**58**	**9.9**	**12**	**29**
Hydro-PS Acid	**1,700**	**550**	**61**	**200 J**
R-PSDA	**340**	**37 J**	**26 J**	<160
Hydrolyzed PSDA	**4,600**	**600 J**	**620 J**	**280 J**
R-PSDCA	**43**	**12**	<2	<15
NVHOS	**530**	**54**	**16**	<54
EVE Acid	<4.9	<2	<2	<24
Hydro-EVE Acid	**140**	**9.2**	**2.8**	<28
R-EVE	**39 J**	**7 J**	**7.8**	<70
PES	<9.2	<2	<2	<46
PFECA B	<12	<2	<2	<60
PFECA-G	<8.2	<2	<2	<41
Total Table 3+ Compounds (17 compounds)*	**31,000**	**1,300**	**1,100**	**1,900**
Total Table 3+ Compounds (20 compounds)*	**36,000**	**2,000**	**1,800**	**2,200**
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	**4.5**	**5.2**	**3.1**	**2.7**
Perfluorobutanoic Acid	**24**	**26**	**12**	**3.5**
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	**22**	**26**	**11**	**6.7**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2 UJ	<2
Perfluorohexane Sulfonic Acid	**4.6**	**4.5**	<2	<2
Perfluorohexanoic Acid	**31**	**40**	**17**	**11**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**3.2**	<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	**39**	**43**	**21**	**13**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**16**	**9.1**	**28**	**16**
PFOS	**2.7**	**2.2**	<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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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ND - No Table 3+ compounds were detected above their associated reporting limits.

ng/L - nanograms per liter

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	8			9
Sampling Event	April 2020	May 2020	June 2020	April 2019
Field Sample ID	STW-LOC-8-4-042820	STW-LOC-8-2-052120	STW-LOC8-4-060520	DSTW-LOC9-042419
Date Sampled	4/28/2020	5/20/2020	6/3/2020	04/24/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**200**	**350**	**240 J**	**29**
PFMOAA	**88**	**9,400**	**260 J**	**8.8 J**
PFO2HxA	**54**	**2,700**	**98 J**	**17 J**
PFO3OA	**14**	**720**	**34 J**	**4.5 J**
PFO4DA	**17**	**120**	**19 J**	**3.6 J**
PFO5DA	**36**	**78**	**26 J**	<2 UJ
PMPA	**60**	**140**	**71 J**	**25 J**
PEPA	<20	**57**	**39 J**	<20 UJ
PS Acid	**8.1**	**24**	**13 J**	**28 J**
Hydro-PS Acid	**69**	**210**	**140 J**	**3.4 J**
R-PSDA	**21**	**84**	**120 J**	**50 J**
Hydrolyzed PSDA	**340**	**560**	**640 J**	**83 J**
R-PSDCA	<2	**5**	**4.1 J**	<2 UJ
NVHOS	**12**	**170**	**25 J**	**2.8 J**
EVE Acid	<2	<2	<2 UJ	**11 J**
Hydro-EVE Acid	**3.1**	**19**	**4.2 J**	<2 UJ
R-EVE	**3.5**	<3.5	**3.2 J**	**7.5 J**
PES	<2	<2.3	<2 UJ	<2 UJ
PFECA B	<2	<3	<2 UJ	**2.8 J**
PFECA-G	<2	<2	<2 UJ	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**560**	**14,000**	**970**	**140**
Total Table 3+ Compounds (20 compounds)*	**930**	**15,000**	**1,700**	**280**
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	**5**	**5.2**	**5**	**2.2**
Perfluorobutanoic Acid	**8.8**	**8.8**	**5.9**	**6.9**
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	**7.3**	**9.7**	**5.4**	**7.5**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2.0
Perfluorohexane Sulfonic Acid	**2.4**	**3.8**	**4.1**	**3.3**
Perfluorohexanoic Acid	**14**	**14**	**7.6**	**9**
Perfluorononanesulfonic acid	<2	<2	<2	<2.0
Perfluorononanoic Acid	<2	<2	<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	**16**	**23**	**12**	**8.6**
Perfluorotetradecanoic Acid	<2	<2	<2	<2.0
Perfluorotridecanoic Acid	<2	<2	<2	<2.0
Perfluoroundecanoic Acid	<2	<2	<2	<2.0
PFOA	**9.6**	**13**	**12**	**8.9**
PFOS	<2	<2	**2**	**14**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	9			
Sampling Event	**June 2019**	**August 2019**	**October 2019**	**December 2019**
Field Sample ID	**STW-LOC9-062819**	**STW-LOC9-082219**	**STW-LOC9-101019**	**STW-LOC-9-122019**
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)	**77**	**55**	**2,400**	**28 B**
PFMOAA	<21	**25 J**	**38 J**	**14**
PFO2HxA	**20**	**28**	**500**	**14**
PFO3OA	**5.9**	**5.9**	**160**	**5**
PFO4DA	<7.9	**2.3**	**45**	**3.8 J**
PFO5DA	<3.4	<2	**26**	**3.2**
PMPA	<57	**48**	**110**	**27 B**
PEPA	<20	<20	**27**	<20
PS Acid	**2,300**	**86**	**170**	**6.6**
Hydro-PS Acid	**120**	**8**	**50**	<2
R-PSDA	**110**	**81 J**	**300 J**	**8.3 J**
Hydrolyzed PSDA	**190**	**160 J**	**1,500**	**49 J**
R-PSDCA	<2	<2	**7.6**	<2
NVHOS	**61**	**11**	**63**	<2
EVE Acid	**57**	**19**	**110**	**3.7**
Hydro-EVE Acid	**6.7**	**2.1**	**34**	<2
R-EVE	**53**	**17 J**	**91 J**	**3.5 J**
PES	<4.6	<2	<2	<2
PFECA B	<6	<2	<2	<2
PFECA-G	<4.1	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**2,600**	**290**	**3,700**	**110**
Total Table 3+ Compounds (20 compounds)*	**3,000**	**550**	**5,600**	**170**
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	<6	<2	<2	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<11	<4	<4	<4
6:2 Fluorotelomer sulfonate	<20	**41**	<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	<3.7	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<3.5	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.7**	**4.1**	**6.3**	**3.1**
Perfluorobutanoic Acid	**9.2**	**9.1**	**54**	**4.5**
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**	**19**	**38**	**9.7**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**5.5**	**6.1**	**9.2**	**3.3**
Perfluorohexanoic Acid	**21**	**26**	**55**	**16**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**2**	<2	**3**	<2 UJ
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**19**	**27**	**94**	**12**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2 UJ
Perfluoroundecanoic Acid	<2	<2	<2	<2 UJ
PFOA	**9.3**	**8.9**	**12**	**6.7**
PFOS	**15**	**15**	**16**	**7.8**

Notes:

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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 and a dry weather event in June.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	9			10
Sampling Event	January 2020	April 2020	May/June 2020	April 2019
Field Sample ID	STW-LOC9-012920	STW-LOC-9-4-042820	STW-LOC-9-2-052120	DSTW-LOC10-042419
Date Sampled	1/29/2020	4/28/2020	5/20/2020	4/24/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**59**	**25**	**3,200**	**320**
PFMOAA	**14**	**11**	**390**	**58 J**
PFO2HxA	**14**	**13**	**1,700**	**88 J**
PFO3OA	**4.1**	**2.9**	**760**	**24 J**
PFO4DA	**3.6**	<2	**430**	**20 J**
PFO5DA	**4.1**	**4**	**590**	**9.1 J**
PMPA	**18**	**25**	**1,000**	**260 J**
PEPA	<20	<20	**630**	**97 J**
PS Acid	**160 J**	**49**	**2,000**	**78 J**
Hydro-PS Acid	**8.7**	**2.3**	**400**	**19 J**
R-PSDA	**80 J**	**21**	**2,600**	**190 J**
Hydrolyzed PSDA	**150 J**	**85**	**970**	**280 J**
R-PSDCA	<2	<2	**65**	<2 UJ
NVHOS	**3.1**	**10**	**200**	**14 J**
EVE Acid	**10**	**3.3**	**330**	**8.5 J**
Hydro-EVE Acid	**2.6**	<2	**81**	**8.5 J**
R-EVE	**10 J**	<2	**240**	**150 J**
PES	<2	<2	<2.3	<2 UJ
PFECA B	<2	<2	<3	<2 UJ
PFECA-G	<2	<2	<2	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**300**	**150**	**12,000**	**1,000**
Total Table 3+ Compounds (20 compounds)*	**540**	**250**	**16,000**	**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	--	<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	<37
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<35
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**2.1**	**3.8**	**3.1**	**2.1**
Perfluorobutanoic Acid	**3.2**	**6**	**57**	**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	**4.8**	**4.6**	**36**	**8.4**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2.0
Perfluorohexane Sulfonic Acid	**2.8**	**4.7**	**3.9**	**3.5**
Perfluorohexanoic Acid	**6**	**9.8**	**15**	**9.3**
Perfluorononanesulfonic acid	<2	<2	<2	<2.0
Perfluorononanoic Acid	<2	<2	**8.8**	<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	**9.8**	**12**	**220**	**17**
Perfluorotetradecanoic Acid	<2	<2	<2	<2.0
Perfluorotridecanoic Acid	**2.2**	<2	<2	<2.0
Perfluoroundecanoic Acid	<2	<2	**3.2**	<2.0
PFOA	**4.3**	**6.4**	**55**	**10**
PFOS	**6.2**	**12**	**10**	**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.

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 and a dry weather event in June.

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.

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

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	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**	**1,200**	**35 J**	**280**
Hydrolyzed PSDA	**730 J**	**3,400**	**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**	**38 J**	**170**
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**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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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

SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	10	10A	11	12
Sampling Event	May/June 2020	May/June 2020	May/June 2020	August 2019
Field Sample ID	STW-LOC-10-2-052120	STW-LOC-10A-2-052120	STW-LOC-11-1-052120	STW-LOC12-082219
Date Sampled	5/20/2020	5/20/2020	5/20/2020	8/22/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**1,700**	**2,600**	**320**	**17**
PFMOAA	**5,300**	**13,000**	**46**	<5
PFO2HxA	**630**	**1,100**	**580**	**14**
PFO3OA	**440**	**580**	**16**	**2.6**
PFO4DA	**340**	**450**	**24**	<2
PFO5DA	**560**	**510**	**47**	<2
PMPA	<280	<570	**120**	**26**
PEPA	**120**	**300**	**47**	<20
PS Acid	**230**	**1,100**	**11**	<2
Hydro-PS Acid	**150**	**410**	**20**	<2
R-PSDA	**480**	**1,800**	**230**	**9.2 J**
Hydrolyzed PSDA	**170**	**700**	**38**	**3 J**
R-PSDCA	**11**	**44**	<2	<2
NVHOS	**210**	**540**	**7.3**	**4.9**
EVE Acid	**25**	**140**	<2	<2
Hydro-EVE Acid	**44**	**89**	**8.7**	<2
R-EVE	**160**	**330**	**83**	**3.5 J**
PES	<23	<46	<2	<2
PFECA B	<30	<60	<2	<2
PFECA-G	<20	<41	<2	<2
Total Table 3+ Compounds (17 compounds)*	**9,800**	**21,000**	**1,200**	**65**
Total Table 3+ Compounds (20 compounds)*	**11,000**	**24,000**	**1,600**	**80**
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	**6.5**
Perfluorobutanoic Acid	**62**	**78**	**11**	**15**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	**2.8**	**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	**7.1**	**18**	**6.5**	**33**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2	<2	**5.6**	**8.5**
Perfluorohexanoic Acid	**11**	**17**	**4.8**	**37**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**2.8**	**5.4**	**4.8**	**2.9**
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**37**	**120**	**17**	**37**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	**2.2**	<2	<2
PFOA	**5.1**	**14**	**12**	**16**
PFOS	<2	**3.5**	**63**	**22**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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ng/L - nanograms per liter

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	12		13	14
Sampling Event	December 2019	May/June 2020	May/June 2020	April 2019
Field Sample ID	STW-LOC-12-122019	STW-LOC-12-2-052120	STW-LOC-10A-2-052120	DSTW-LOC14-042419
Date Sampled	12/20/2019	5/20/2020	5/20/2020	04/24/2019
Analytical Laboratory	TestAmerica		TestAmerica	TestAmerica
QA/QC	--		--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**15 B**	**77**	**640**	**12**
PFMOAA	**20**	<5	**50**	**67 J**
PFO2HxA	**14**	**44**	**53**	**10 J**
PFO3OA	**2.4**	**4.6**	**22**	**2.1 J**
PFO4DA	<2	**2.6**	**24**	<2 UJ
PFO5DA	**3**	**5.7**	**23**	<2 UJ
PMPA	**50 B**	**83**	**190**	**15 J**
PEPA	<20	<20	**84**	<20 UJ
PS Acid	<2	<2	**170**	<2 UJ
Hydro-PS Acid	<2	**9**	**33**	<2 UJ
R-PSDA	<2	**53 J**	**120**	**5.7 J**
Hydrolyzed PSDA	**15 J**	**6.9 J**	**190**	**2.3 J**
R-PSDCA	<2	<2	<2	<2 UJ
NVHOS	**2.4**	**4.2**	**9.5**	<2 UJ
EVE Acid	<2	<2	**7**	<2 UJ
Hydro-EVE Acid	<2	<2	**7**	<2 UJ
R-EVE	<2	**6.3 J**	**57**	**3.2 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)*	**110**	**230**	**1,300**	**110**
Total Table 3+ Compounds (20 compounds)*	**120**	**300**	**1,700**	**120**
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	**4.5**	**4.3**	<2	<2.0
Perfluorobutanoic Acid	**6.8**	**6.3**	**13**	**4.7**
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	**11**	**7.8**	**7.6**	**3.1**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2.0
Perfluorohexane Sulfonic Acid	**5.5**	**5.9**	<2	**3**
Perfluorohexanoic Acid	**19**	**13**	**3.7**	**4.4**
Perfluorononanesulfonic acid	<2	<2	<2	<2.0
Perfluorononanoic Acid	<2	<2	**3**	<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	**14**	**15**	**45**	**3.8**
Perfluorotetradecanoic Acid	<2	<2	<2	<2.0
Perfluorotridecanoic Acid	<2	<2	<2	<2.0
Perfluoroundecanoic Acid	<2	<2	<2	<2.0
PFOA	**6.9**	**9.6**	**9.9**	**5.8**
PFOS	**15**	**13**	**2.2**	**11**

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, which was subdivided into a storm event in May and a dry weather event in June.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	14			
Sampling Event	June 2019	August 2019	October 2019	December 2019
Field Sample ID	STW-LOC14-062819	STW-LOC14-082219	STW-LOC14-101019	STW-LOC-14-122019
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**	**14**	**15**	**21 B**
PFMOAA	<5	<5	<5 UJ	**19**
PFO2HxA	**15**	**14**	**6.7**	**13**
PFO3OA	**2.5**	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2 UJ	<2
PMPA	**22**	**33**	**23**	**68**
PEPA	<20	<20	<20	**25**
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	<2	**5 J**	**2.4**	<2
Hydrolyzed PSDA	**2.1 J**	<2	<2	**9.3 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	<2	**3.8**	**6**	<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)*	**62**	**65**	**51**	**150**
Total Table 3+ Compounds (20 compounds)*	**64**	**70**	**53**	**160**
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	**39 J**
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	**5.7**	**4.2**	**9.6**	**4.5**
Perfluorobutanoic Acid	**13**	**10**	**27**	**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	**24**	**21**	**50**	**11**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**7.9**	**6.1**	**13**	**5.1**
Perfluorohexanoic Acid	**36**	**27**	**72**	**20**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**2.3**	<2	**2.2**	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	**2.1**	<2
Perfluoropentanoic Acid	**28**	**27**	**67**	**14**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**14**	**10**	**15**	**7.5**
PFOS	**22**	**15**	**20**	**11**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	14		15	
Sampling Event	April 2020	May/June 2020	April 2019	June 2019
Field Sample ID	STW-LOC-14-4-042820	STW-LOC-14-1.33-052120	DSTW-LOC15-042419	STW-LOC15-062819
Date Sampled	4/28/2020	5/20/2020	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)	**39**	**120**	**34**	**45**
PFMOAA	**25**	<5	**8.4 J**	**12**
PFO2HxA	**21**	**15**	**17 J**	**16**
PFO3OA	**4.4**	**3.9**	**4 J**	**3.2**
PFO4DA	<2	<2	**3.2 J**	<2
PFO5DA	**5.4**	<2	<2 UJ	<2
PMPA	**34**	**57**	**35 J**	**25**
PEPA	<20	<20	<20 UJ	<20
PS Acid	<2	**3.1**	**22 J**	**880**
Hydro-PS Acid	**2.1**	**3.3**	**4.3 J**	**41**
R-PSDA	**8.6**	**21**	**42 J**	**80 J**
Hydrolyzed PSDA	**17**	**6.8**	**71 J**	**250 J**
R-PSDCA	<2	<2	<2 UJ	<2
NVHOS	**4.7**	**3.8**	**3 J**	**23**
EVE Acid	<2	<2	**9.5 J**	**22**
Hydro-EVE Acid	<2	<2	<2 UJ	**3.6**
R-EVE	<2	**9.9**	**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)*	**140**	**210**	**140**	**1,100**
Total Table 3+ Compounds (20 compounds)*	**160**	**240**	**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	<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	<37	**3.1**
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<35	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.5**	**3.1**	**2.3**	**3.7**
Perfluorobutanoic Acid	**5.3**	**5.9**	**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	**4.7**	**5.5**	**7.5**	**14**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2.0	<2
Perfluorohexane Sulfonic Acid	**4.7**	**4.1**	**3.5**	**5.7**
Perfluorohexanoic Acid	**8.7**	**9.5**	**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	**9.9**	**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	**6.4**	**15**	**8.5**	**9.5**
PFOS	**12**	**9.3**	**14**	**15**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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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

SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	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**	**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**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	15			18
Sampling Event	April 2020	May/June 2020		June 2019
Field Sample ID	STW-LOC-15-4-042820	STW-LOC-15-2-052120	STW-LOC-15-2-052120-D	STW-LOC-18-062719
Date Sampled	4/28/2020	5/20/2020	5/20/2020	06/27/2019
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**	**4.1**
PFMOAA	**14**	**2,700**	**2,700**	<5 UJ
PFO2HxA	**14**	**1,100**	**1,100**	**2.4 J**
PFO3OA	**3.8**	**420**	**470**	<2 UJ
PFO4DA	**2.6**	**300**	**230**	<2 UJ
PFO5DA	**6.1**	**300**	**310**	<2 UJ
PMPA	**27**	**680**	**680**	<10 UJ
PEPA	<20	**460**	**460**	<20 UJ
PS Acid	**140**	**2,200**	**2,400**	<2 UJ
Hydro-PS Acid	**7**	**400**	**420**	<2 UJ
R-PSDA	**47**	**2,800**	**2,900**	<2 UJ
Hydrolyzed PSDA	**330**	**1,100**	**1,200**	<2 UJ
R-PSDCA	<2	**77**	**81**	<2 UJ
NVHOS	**11**	**250**	**250**	<2 UJ
EVE Acid	**4.1**	**410**	**410**	<2 UJ
Hydro-EVE Acid	<2	**77**	**75**	<2 UJ
R-EVE	**6.3**	**260**	**270**	<2 UJ
PES	<2	<4.6	<4.6	<2 UJ
PFECA B	<2	<6	<6	<2 UJ
PFECA-G	<2	<4.1	<4.1	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**270**	**12,000**	**13,000**	**6.5**
Total Table 3+ Compounds (20 compounds)*	**650**	**17,000**	**17,000**	**6.5**
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	**3.7**	**2.5**	**2.8**	<2
Perfluorobutanoic Acid	**7.9**	**53**	**57**	<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	**5**	**32**	**36**	**2.4**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2 UJ
Perfluorohexane Sulfonic Acid	**4.6**	**3.1**	**3.3**	<2
Perfluorohexanoic Acid	**9.3**	**14**	**15**	**3.5**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	**6**	**6.4**	<2
Perfluorooctadecanoic acid	<2	<2	<2	<2 UJ
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**12**	**240**	**260**	**3.6**
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**	<2
PFOS	**11**	**8**	**8.9**	<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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	18			
Sampling Event	August 2019			
Field Sample ID	STW-LOC18-082119-1	STW-LOC18-082119-2	STW-LOC18-082119-3	STW-LOC18-082119-4
Date Sampled	8/21/2019	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)	**7.1**	**11**	**7.6**	**120**
PFMOAA	<5	<5	<5	<5
PFO2HxA	**2.2**	**4.4**	**3.8**	**20**
PFO3OA	<2	<2	<2	**5.1**
PFO4DA	<2	<2	<2	**3.2**
PFO5DA	<2	<2	<2	<2
PMPA	<10 UJ	**18**	**21**	**64 J**
PEPA	<20	<20	<20	**26**
PS Acid	<2	**2**	<2	**5**
Hydro-PS Acid	<2	<2	<2	**6.4**
R-PSDA	**3.5 J**	**4.1 J**	**2.3 J**	**53 J**
Hydrolyzed PSDA	<2	<2	<2	**22 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	<2 UJ	<2	**4.4**	**6.4**
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	**2.3**
R-EVE	<2	**2.1 J**	**3.2 J**	**26 J**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**9.3**	**35**	**37**	**260**
Total Table 3+ Compounds (20 compounds)*	**13**	**42**	**42**	**360**
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 UJ	<4	<4	<4 UJ
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	**14 J**	**7.1 J**	**7.9**	**12 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	**5.1**	**9.2**	**8.9**	**6.3**
Perfluorohexadecanoic acid (PFHxDA)	<2 UJ	<2 UJ	<2 UJ	<2
Perfluorohexane Sulfonic Acid	<2	**2.6**	**2.5**	<2
Perfluorohexanoic Acid	**5.2**	**11**	**12**	**7.6**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
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	**3.7 J**	**11**	**11**	**7.3**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**2.8**	**5.4**	**5.1**	**4.2**
PFOS	<2	**6.4**	**7.6**	**4.1**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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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

SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	18			
Sampling Event	October 2019	December 2019	January 2020	April 2020
Field Sample ID	STW-LOC18-100919	STW-LOC-18-122019	STW-LOC18-012920	STW-LOC-18-4-042820
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)	**16**	**12 B**	**6 J**	**6.5**
PFMOAA	<5 UJ	<5	<5	<5
PFO2HxA	**5.5 J**	**3.9 J**	**3.7 J**	**3.5**
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2 UJ	<2	<2 UJ	**4.6**
PMPA	<10 UJ	**19 B**	<10 UJ	**15**
PEPA	<20	<20	<20 UJ	<20
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	**13 J**	**7.7 J**	<2	<2
Hydrolyzed PSDA	<2	**6.2 J**	<2	**3.1**
R-PSDCA	<2	<2	<2	<2
NVHOS	<2 UJ	<2 UJ	<2 UJ	<2
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	**2.4 J**	**5.2 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)*	**22**	**35**	**9.7**	**30**
Total Table 3+ Compounds (20 compounds)*	**37**	**54**	**9.7**	**33**
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	<49	<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 UJ	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1 UJ	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2 UJ	<2	<2	<2 UJ
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	**17 J**	<3.3	**110 J**	<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	**22**	**2.8**	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	<2 UJ	<8.3	<89 UJ	<2 UJ
Perfluorohexane Sulfonic Acid	**5.4**	<2	<2	<2
Perfluorohexanoic Acid	**29**	**3.2**	<2 UJ	**2.1**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2 UJ	<2	<2	<2 UJ
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**27 J**	**3.4**	<49 UJ	**2.6**
Perfluorotetradecanoic Acid	<2 UJ	<2	<2 UJ	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**6.7**	**3.3**	<2	<2
PFOS	**10**	**2.8**	<2	**4.3**

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, which was subdivided into a storm event in May and a dry weather event in June.

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ND - No Table 3+ compounds were detected above their associated reporting limits.

ng/L - nanograms per liter

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SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	18	19A		
Sampling Event	May/June 2020	April 2019	June 2019	August 2019
Field Sample ID	STW-LOC18-4-060520	DSTW-LOC19A-042419	STW-LOC-19A-062719	STW-LOC19A-082119
Date Sampled	6/3/2020	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)	**3.6 J**	**30 J**	**4.5 J**	**18**
PFMOAA	<2 UJ	< 5 UJ	<5 UJ	<5
PFO2HxA	**2.8 J**	**4.8 J**	**2.6 J**	**5.1**
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	<13 UJ	**27 J**	<10 UJ	**21**
PEPA	<2 UJ	<20 UJ	<20 UJ	<20
PS Acid	<2 UJ	<2 UJ	<2 UJ	**4.5**
Hydro-PS Acid	<2 UJ	<2 UJ	<2 UJ	<2
R-PSDA	<2 UJ	<2 UJ	<2 UJ	<2 UJ
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 UJ
Total Table 3+ Compounds (17 compounds)*	**6.4**	**62**	**7.1**	**49**
Total Table 3+ Compounds (20 compounds)*	**6.4**	**62**	**7.1**	**49**
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 UJ	<20 UJ	<20
F-53B Major (9Cl-PF3ONS)	<2	--	--	<2
ADONA	--	<2.1 UJ	<2.1 UJ	<2.1
DONA	<2	--	--	--
NaDONA	--	<2.1 UJ	<2.1 UJ	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<7.5	<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	<2.0 UJ	<2	<2
Perfluorobutanoic Acid	<3	**4.3 J**	**2.4 J**	**2.9**
Perfluorodecane Sulfonic Acid	<2	<2.0 UJ	<2	<2
Perfluorodecanoic Acid	<2	<2.0 UJ	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2.0 UJ	<2	<2
Perfluorododecanoic Acid	<2	<2.0 UJ	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2.0 UJ	<2	<2
Perfluoroheptanoic Acid	<2	<2.0 UJ	**3.3 J**	**5.1**
Perfluorohexadecanoic acid (PFHxDA)	<2 UJ	<2.0 UJ	<2 UJ	<2 UJ
Perfluorohexane Sulfonic Acid	<2	<2.0 UJ	<2	<2
Perfluorohexanoic Acid	**2.4**	<2.0 UJ	**6.1 J**	**6.8**
Perfluorononanesulfonic acid	<2	<2.0 UJ	<2	<2
Perfluorononanoic Acid	<2	<2.0 UJ	<2	<2
Perfluorooctadecanoic acid	<2 UJ	<2.0 UJ	<2 UJ	<2 UJ
Perfluorooctane Sulfonamide	<2	<2.0 UJ	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2.0 UJ	<2	<2
Perfluoropentanoic Acid	**2.9**	**2.6 J**	**5.3**	**7.1**
Perfluorotetradecanoic Acid	<2 UJ	<2.0 UJ	<2 UJ	<2
Perfluorotridecanoic Acid	<2	<2.0 UJ	<2	<2
Perfluoroundecanoic Acid	<2	<2.0 UJ	<2	<2
PFOA	**2**	**2.6 J**	**3.1 J**	**3.7**
PFOS	**3.3**	<2.0 UJ	<2	**2.4**

Notes:

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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 and a dry weather event in June.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	19A			
Sampling Event	October 2019	December 2019	January 2020	April 2020
Field Sample ID	STW-LOC19A-100919	STW-LOC-19A-122019	STW-LOC19A-012920	STW-LOC-19A-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)	**7.3**	**380**	**19 J**	**5**
PFMOAA	<5	**16**	**8.7 J**	<5
PFO2HxA	**7.1**	**35**	**9.3**	**4**
PFO3OA	<2 UJ	**9.7**	**2.9**	<2
PFO4DA	<2 UJ	**4 J**	<2	<2
PFO5DA	<2 UJ	<2	<2	**5.4**
PMPA	**19**	**340**	**27**	**13**
PEPA	<20	**180**	<20	<20
PS Acid	<2	<2	**2.3**	**3**
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	<2 UJ	<2	<2	<2
Hydrolyzed PSDA	<2 UJ	**11 J**	**4.8 J**	<2
R-PSDCA	<2	<2	<2	<2
NVHOS	**2.1**	**2.2**	<2	<2
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	**2.4**	<2	<2
R-EVE	<2 UJ	**4.1**	<2	<2
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2 UJ	<2 UJ	<2	<2
Total Table 3+ Compounds (17 compounds)*	**36**	**970**	**69**	**30**
Total Table 3+ Compounds (20 compounds)*	**36**	**980**	**74**	**30**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2 UJ	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<2	<2 UJ	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20 UJ	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<20 UJ	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<2	<2 UJ	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<4	<4 UJ	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20 UJ	<20
F-53B Major (9Cl-PF3ONS)	<2	<2	<2 UJ	<2
ADONA	<2.1	<2.1	<2.1 UJ	<2.1
DONA	--	--	--	--
NaDONA	<2.1	<2.1	<2.1 UJ	<2.1
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20 UJ	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<2	<2 UJ	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2 UJ	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20 UJ	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2 UJ	<2
Perfluorobutanoic Acid	**6**	**3.2**	**8.6 J**	<2
Perfluorodecane Sulfonic Acid	<2	<2	<2 UJ	<2
Perfluorodecanoic Acid	<2	<2	<2 UJ	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2 UJ	<2
Perfluorododecanoic Acid	<2	<2	<2 UJ	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2 UJ	<2
Perfluoroheptanoic Acid	**9.5**	**3.5**	**2.9 J**	<2
Perfluorohexadecanoic acid (PFHxDA)	<2 UJ	<2	<2 UJ	<2 UJ
Perfluorohexane Sulfonic Acid	<2	<2	<2 UJ	<2
Perfluorohexanoic Acid	**15**	**7.8**	**4.3 J**	**2.7**
Perfluorononanesulfonic acid	<2	<2	<2 UJ	<2
Perfluorononanoic Acid	<2	**3.1 B**	<2 UJ	<2
Perfluorooctadecanoic acid	<2 UJ	<2	<2 UJ	<2 UJ
Perfluorooctane Sulfonamide	<2	<2	<2 UJ	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2 UJ	<2
Perfluoropentanoic Acid	**15**	**6.3**	**3.2 J**	**3.2**
Perfluorotetradecanoic Acid	<2 UJ	<2	<2 UJ	<2
Perfluorotridecanoic Acid	<2	**46 B**	<2 UJ	<2
Perfluoroundecanoic Acid	<2	**15 B**	<2 UJ	<2
PFOA	**3.3**	**14**	**4.4 J**	<2
PFOS	**2.5**	<2	**7 J**	<2

Notes:

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	19A	19B		
Sampling Event	May/June 2020	April 2019	June 2019	August 2019
Field Sample ID	STW-LOC19A-060320	DSTW-LOC19B-042419	STW-LOC-19B-062719	STW-LOC19B-082119
Date Sampled	6/3/2020	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)	**51 J**	**22**	**9.6**	**26**
PFMOAA	<2 UJ	<5 UJ	<5 UJ	<5
PFO2HxA	**10 J**	**9.8 J**	**3.1 J**	**5.3**
PFO3OA	**3.4 J**	<2 UJ	<2 UJ	<2
PFO4DA	**2.5 J**	<2 UJ	<2 UJ	<2
PFO5DA	<2 UJ	<2 UJ	<2 UJ	<2
PMPA	**34 J**	**39 J**	<10 UJ	**26**
PEPA	**9.6 J**	<20 UJ	<20 UJ	<20
PS Acid	<2 UJ	<2 UJ	<2 UJ	**5**
Hydro-PS Acid	<2 UJ	<2 UJ	**21 J**	**2.6**
R-PSDA	**22 J**	**6.5 J**	<2 UJ	<2
Hydrolyzed PSDA	**17 J**	**3.5 J**	<2 UJ	<2
R-PSDCA	<2 UJ	<2 UJ	<2 UJ	<2
NVHOS	<2 UJ	<2 UJ	<2 UJ	**3**
EVE Acid	<2 UJ	<2 UJ	<2 UJ	<2
Hydro-EVE Acid	**2 J**	<2 UJ	<2 UJ	<2
R-EVE	**11 J**	**5.3 J**	<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 UJ
Total Table 3+ Compounds (17 compounds)*	**110**	**71**	**34**	**68**
Total Table 3+ Compounds (20 compounds)*	**160**	**86**	**34**	**68**
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	**2.4**	<2	<2	<2
Perfluorobutanoic Acid	**5.2**	**4.4**	**3**	**4.6**
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	**3.4**	**2.2**	**4**	**7.9**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2 UJ	<2 UJ
Perfluorohexane Sulfonic Acid	<2	<2	<2	<2
Perfluorohexanoic Acid	**5.5**	**3.4**	**6.8**	**11**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2	<2	<2 UJ	<2 UJ
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**5.5**	**3.6**	**6**	**11**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**12**	**4.9**	**3.1**	**30**
PFOS	**2.4**	**3.2**	**2.2**	**2.1**

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

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	19B			
Sampling Event	October 2019	December 2019	January 2020	April 2020
Field Sample ID	STW-LOC19B-100919	STW-LOC-19B-122019	STW-LOC19B-012920	STW-LOC-19B-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)	**5.9**	**22 B**	**75**	**54**
PFMOAA	<5	**5.6**	**14 J**	**37**
PFO2HxA	**3.9**	**4.3**	**230**	**26**
PFO3OA	<2	<2	**19**	**6.2**
PFO4DA	<2 UJ	<2	<2	**2.5 J**
PFO5DA	<2 UJ	<2	<2	**6.1**
PMPA	**12**	**35 B**	**120**	**44**
PEPA	<20	<20	**46**	<20
PS Acid	<2	<2	**2.9**	<2
Hydro-PS Acid	**2.2**	<2	<2	**4.3**
R-PSDA	<2 UJ	<2	<2	**22**
Hydrolyzed PSDA	<2	**2.2**	**5.3 J**	**22**
R-PSDCA	<2	<2	<2	<2
NVHOS	**3.2**	<2	<2	**5.1**
EVE Acid	<2	<2	<2	<2
Hydro-EVE Acid	<2	<2	<2	**2.3**
R-EVE	<2	<2	<2	**12**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2 UJ	<2 UJ	<2	<2
Total Table 3+ Compounds (17 compounds)*	**27**	**67**	**510**	**190**
Total Table 3+ Compounds (20 compounds)*	**27**	**69**	**510**	**240**
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	**2.3**	<2	<2	**3.6**
Perfluorobutanoic Acid	**7.2**	**2.2**	**5.9**	**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	**12**	**2.7**	**3.5**	**5.1**
Perfluorohexadecanoic acid (PFHxDA)	**6.2 J**	<2 UJ	<2	<2
Perfluorohexane Sulfonic Acid	**2.3**	<2	<2	**2.8**
Perfluorohexanoic Acid	**18**	**5.2**	**5.8**	**9.1**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	<2	<2
Perfluorooctadecanoic acid	<2 UJ	<2 UJ	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**18**	**3.9**	**7.9**	**9.8**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**4.4**	<2	**3.2**	**9.6**
PFOS	**3.4**	**2.4**	<2	**4.7**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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ND - No Table 3+ compounds were detected above their associated reporting limits.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	19B	20		
Sampling Event	May/June 2020	April 2019		June 2019
Field Sample ID	STW-LOC19B-060320	DSTW-LOC20-042419	DSTW-LOC20-042419-D	STW-LOC20-062819
Date Sampled	6/3/2020	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)	**2.2 J**	**61**	**63**	**50**
PFMOAA	<2 UJ	**53 J**	**56 J**	**48**
PFO2HxA	**2.7 J**	**30 J**	**31 J**	**28**
PFO3OA	<2 UJ	**6.9 J**	**6.7 J**	**9.3**
PFO4DA	<2 UJ	**3.7 J**	**3.5 J**	**8.7**
PFO5DA	<2 UJ	<2 UJ	<2 UJ	**20**
PMPA	<13 UJ	**37 J**	**35 J**	**30**
PEPA	<2 UJ	<20 UJ	<20 UJ	<20
PS Acid	<2 UJ	**5.3 J**	**5.5 J**	**260**
Hydro-PS Acid	<2 UJ	**7.8 J**	**7.9 J**	**110**
R-PSDA	<2 UJ	**28 J**	**27 J**	**69 J**
Hydrolyzed PSDA	<2 UJ	**68 J**	**68 J**	**390 J**
R-PSDCA	<2 UJ	<2 UJ	<2 UJ	**2**
NVHOS	<2 UJ	**2.9 J**	**2.4 J**	**14**
EVE Acid	<2 UJ	**2 J**	<2 UJ	**7.3**
Hydro-EVE Acid	<2 UJ	<2 UJ	<2 UJ	<2
R-EVE	<2 UJ	**6.6 J**	**7.8 J**	**12 J**
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)*	**4.9**	**210**	**210**	**590**
Total Table 3+ Compounds (20 compounds)*	**4.9**	**310**	**310**	**1,100**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2.0	<2.0	<2
F-53B Minor (11Cl-PF3OUdS)	<3.2	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<52	<20	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<8.5	<60	<60	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<14	<110	<110	<2
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<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	<8.7	<37	<37	<2
N-methyl perfluoro-1-octanesulfonamide	<4.3	<35	<35	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<31	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	**2.2**	**2.2**	**3.8**
Perfluorobutanoic Acid	**3.7**	**6.5**	**5.9**	**8.8**
Perfluorodecane Sulfonic Acid	<3.2	<2.0	<2.0	<2
Perfluorodecanoic Acid	<3.1	<2.0	<2.0	<2
Perfluorododecane sulfonic acid (PFDoS)	<4.5	<2.0	<2.0	<2
Perfluorododecanoic Acid	<5.5	<2.0	<2.0	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2.0	<2.0	<2
Perfluoroheptanoic Acid	<2.5	**7.1**	**7**	**15**
Perfluorohexadecanoic acid (PFHxDA)	<8.9 UJ	<2.0	<2.0	<2
Perfluorohexane Sulfonic Acid	**3.7**	**3.5**	**3.5**	**5.8**
Perfluorohexanoic Acid	<5.8	**7.8**	**7.7**	**23**
Perfluorononanesulfonic acid	<2	<2.0	<2.0	<2
Perfluorononanoic Acid	<2.7	<2.0	<2.0	<2
Perfluorooctadecanoic acid	<4.6 UJ	<2.0 UJ	<2.0	<2
Perfluorooctane Sulfonamide	**5.2**	<2.0	<2.0	<2
Perfluoropentane sulfonic acid (PFPeS)	<3	<2.0	<2.0	<2
Perfluoropentanoic Acid	**6.6**	**6.7**	**7.6**	**17**
Perfluorotetradecanoic Acid	<2.9 UJ	<2.0	<2.0	<2
Perfluorotridecanoic Acid	<13	<2.0	<2.0	<2
Perfluoroundecanoic Acid	<11	<2.0	<2.0	<2
PFOA	<8.5	**8.7**	**8.5**	**9.3**
PFOS	**7.8**	**13**	**13**	**15**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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ng/L - nanograms per liter

QA/QC - Quality assurance/ quality control

SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	20			
Sampling Event	August 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**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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ND - No Table 3+ compounds were detected above their associated reporting limits.

ng/L - nanograms per liter

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	20			
Sampling Event	December 2019		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**

Notes:

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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 and a dry weather event in June.

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.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	20			21A
Sampling Event	April 2020		May/June 2020	April 2019
Field Sample ID	STW-LOC-20-4-042820	STW-LOC-20-4-042820-D	STW-LOC-20-2-052120	DSTW-LOC21A-042419
Date Sampled	4/28/2020	4/28/2020	5/20/2020	04/24/2019
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**	**33**
PFMOAA	**14**	**13**	**850**	**11 J**
PFO2HxA	**13**	**13**	**330**	**16 J**
PFO3OA	**2.5**	**2.7**	**130**	**2.9 J**
PFO4DA	<2	<2	**69**	**2 J**
PFO5DA	**5.6**	**5.3**	**75**	<2 UJ
PMPA	**31**	**30**	**200**	**43 J**
PEPA	<20	<20	**120**	<20 UJ
PS Acid	**30**	**32**	**720**	**2.1 J**
Hydro-PS Acid	**3.2**	**3.2**	**310**	<2 UJ
R-PSDA	**18 J**	**16**	**780**	**4.2 J**
Hydrolyzed PSDA	**93 J**	**91**	**440**	**4.1 J**
R-PSDCA	<2	<2	**20**	<2 UJ
NVHOS	**6.7**	**6.5**	**71**	<2 UJ
EVE Acid	<2	<2	**150**	<2 UJ
Hydro-EVE Acid	<2	<2	**20**	<2 UJ
R-EVE	**3.8 J**	<2	**71**	**3.4 J**
PES	<2	<2	<2.3	<2 UJ
PFECA B	<2	<2	<3	<2 UJ
PFECA-G	<2	<2	<2	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**150**	**150**	**4,000**	**110**
Total Table 3+ Compounds (20 compounds)*	**260**	**250**	**5,300**	**120**
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	--	<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	<37 UJ
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<35 UJ
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.5**	**3.6**	**3.9**	**2**
Perfluorobutanoic Acid	**6.1**	**6.3**	**20**	**5**
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	**4.8**	**4.6**	**13**	**3**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2.0
Perfluorohexane Sulfonic Acid	**4.5**	**4.5**	**4.9**	**3**
Perfluorohexanoic Acid	**9**	**9.2**	**12**	**4.4**
Perfluorononanesulfonic acid	<2	<2	<2	<2.0
Perfluorononanoic Acid	<2	<2	**2.5**	<2.0
Perfluorooctadecanoic acid	<2 UJ	<2	<2	<2.0
Perfluorooctane Sulfonamide	<2	<2	<2	<2.0
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2.0
Perfluoropentanoic Acid	**11**	**11**	**77**	**4.8**
Perfluorotetradecanoic Acid	<2	<2	<2	<2.0
Perfluorotridecanoic Acid	<2	<2	<2	<2.0
Perfluoroundecanoic Acid	<2	<2	<2	<2.0
PFOA	**6.1**	**6**	**27**	**5.6**
PFOS	**11**	**11**	**11**	**9.1**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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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

SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	21A			
Sampling Event	June 2019	August 2019	October 2019	December 2019
Field Sample ID	STW-LOC-21A-062719	STW-LOC21A-082119	STW-LOC21A-100919	STW-LOC-21A-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)	**40**	**57**	**97**	**43**
PFMOAA	**12 J**	**9.5 J**	**11 J**	**21**
PFO2HxA	**15 J**	**13**	**28**	**16**
PFO3OA	**2.9 J**	**2.4**	**12**	**2.6**
PFO4DA	<2 UJ	<2	**9.6**	<2
PFO5DA	<2 UJ	**2.2**	**6.6**	**2.5**
PMPA	**33 J**	**53**	**71**	**54 B**
PEPA	<20 UJ	<20	**25**	**23**
PS Acid	**9.7 J**	**12**	**7.7**	**2.7**
Hydro-PS Acid	**2.2 J**	**4.9**	**4.3**	<2
R-PSDA	**19 J**	**31 J**	**32 J**	**7.3 J**
Hydrolyzed PSDA	**11 J**	**25 J**	**17 J**	**12 J**
R-PSDCA	<2 UJ	<2	<2	<2
NVHOS	**2.5 J**	**33**	**8.4**	**2.1**
EVE Acid	<2 UJ	<2	**7.4**	<2
Hydro-EVE Acid	<2 UJ	**3.8**	**3.9**	<2
R-EVE	**4.1 J**	**34 J**	**19 J**	**5 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)*	**120**	**190**	**290**	**170**
Total Table 3+ Compounds (20 compounds)*	**150**	**280**	**360**	**190**
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	<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	**4**	**4.5**	**6.8**	**2.4**
Perfluorobutanoic Acid	**9.8**	**12**	**17**	**5**
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**	**23**	**31**	**6.2**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**6.2**	**6**	**9.8**	**3.3**
Perfluorohexanoic Acid	**23**	**29**	**41**	**10**
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	**21**	**30**	**40**	**8.8**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**9.8**	**10**	**12**	**4**
PFOS	**14**	**16**	**23**	**9.4**

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, which was subdivided into a storm event in May and a dry weather event in June.

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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

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	21A			22
Sampling Event	January 2020	April 2020	May/June 2020	April 2019
Field Sample ID	STW-LOC21A-012920	STW-LOC-21A-042820	STW-LOC-21A-052120	DSTW-LOC22-042419
Date Sampled	1/29/2020	4/28/2020	5/20/2020	04/24/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**31**	**220**	**420**	**170**
PFMOAA	**15 J**	**27**	**110**	<5 UJ
PFO2HxA	**15**	**28**	**170**	<2 UJ
PFO3OA	**2.1**	**5.8**	**31**	**3 J**
PFO4DA	<2	**2.1 J**	**50**	**5.3 J**
PFO5DA	<2	**7.8**	**460**	<2 UJ
PMPA	**34**	**43**	**180**	**67 J**
PEPA	<20	<20	**48**	<20 UJ
PS Acid	<2	<2	**75**	**2 J**
Hydro-PS Acid	<2	<2	**220**	**18 J**
R-PSDA	<2	**16**	**1,100**	**160 J**
Hydrolyzed PSDA	**8.7 J**	**16**	**33**	**170 J**
R-PSDCA	<2	<2	**18**	<2 UJ
NVHOS	<2	**3.7**	**37**	**11 J**
EVE Acid	<2	<2	**5.2**	<2 UJ
Hydro-EVE Acid	<2	<2	**12**	**2.1 J**
R-EVE	<2	**3.4**	**77**	**5.2 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)*	**97**	**340**	**1,800**	**280**
Total Table 3+ Compounds (20 compounds)*	**110**	**370**	**3,000**	**610**
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	<52
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	--	<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	<37 UJ
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<35 UJ
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<31
Perfluorobutane Sulfonic Acid	**2.6**	**3.7**	**2.2**	<2.0
Perfluorobutanoic Acid	**5.2**	**27**	**11**	<3.5 UJ
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	<2.0
Perfluoroheptanoic Acid	**5.2**	**5.3**	**7.6**	**7.1**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<8.9
Perfluorohexane Sulfonic Acid	**3.3**	**4.5**	**3.1**	**4.5**
Perfluorohexanoic Acid	**8.2**	**11**	**7.7**	<5.8
Perfluorononanesulfonic acid	<2	<2	<2	<2.0
Perfluorononanoic Acid	<2	<2	**2.7**	<2.7
Perfluorooctadecanoic acid	<2	<2	<2	<4.6
Perfluorooctane Sulfonamide	<2	<2	<2	<3.5
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<3.0
Perfluoropentanoic Acid	**7.9**	**12**	**33**	**20**
Perfluorotetradecanoic Acid	<2	<2	<2	**2.9**
Perfluorotridecanoic Acid	<2	<2	<2	<13
Perfluoroundecanoic Acid	<2	<2	<2	<11
PFOA	**4.7**	**6.8**	**4.8**	<8.5
PFOS	**6.9**	**17**	**9.8**	<5.4

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	22			
Sampling Event	June 2019	August 2019	October 2019	
Field Sample ID	STW-LOC-22-062719	STW-LOC22-082119	STW-LOC22-100919	STW-LOC22-100919-D
Date Sampled	06/27/2019	8/21/2019	10/9/2019	10/9/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	Field Duplicate
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**130 J**	**140**	**27**	**27**
PFMOAA	**220 J**	**36 J**	**37 J**	**56 J**
PFO2HxA	**540 J**	**45 J**	**21**	**23**
PFO3OA	**27 J**	**5.5**	**7.2**	**8.1**
PFO4DA	**32 J**	**6.5**	**6.7**	**8.5**
PFO5DA	<6.7 UJ	**3.8 J**	**7.1 J**	**14 J**
PMPA	**1,500 J**	**20 J**	**40**	**37**
PEPA	**210 J**	<20	<20	<20
PS Acid	**180 J**	**47**	**70**	**73**
Hydro-PS Acid	**150 J**	**54**	**63 J**	**130 J**
R-PSDA	**500 J**	**59 J**	**18 J**	**26 J**
Hydrolyzed PSDA	**13,000 J**	**770 J**	**210 J**	**300 J**
R-PSDCA	**23 J**	<2	<2	**2.3**
NVHOS	**65 J**	**13 J**	**12**	**15**
EVE Acid	<4.9 UJ	<2	**2.1**	**2.6**
Hydro-EVE Acid	<5.6 UJ	**3.9**	**2.5**	**2.8**
R-EVE	**54 J**	**7.5 J**	**5 J**	**4.5 J**
PES	<9.2 UJ	<2	<2	<2
PFECA B	<12 UJ	<2	<2	<2
PFECA-G	<8.2 UJ	<2 UJ	<2	<2
Total Table 3+ Compounds (17 compounds)*	**3,100**	**370**	**300**	**400**
Total Table 3+ Compounds (20 compounds)*	**17,000**	**1,200**	**530**	**730**
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	<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	**3.4**	<2	**3.7**	**3.6**
Perfluorobutanoic Acid	**37 J**	**5.4 J**	**16 J**	**18 J**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	**2.4**	<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	**12**	**6.7**	**24**	**24**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**5.6**	<2	**6.1**	**6.2**
Perfluorohexanoic Acid	**21 J**	**6.9**	**34**	**33**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**2.3**	<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	**22 J**	**8**	**32**	**32**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**9.8**	**7.5**	**8.4**	**8.4**
PFOS	**18**	**3.6**	**12**	**11**

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, which was subdivided into a storm event in May and a dry weather event in June.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	22			
Sampling Event	**December 2019**	**January 2020**	**April 2020**	**May/June 2020**
Field Sample ID	**STW-LOC-22-122019**	**STW-LOC22-012920**	**STW-LOC-22-4-042820**	**STW-LOC22-4-060520**
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)	<14	<150	**34**	**27 J**
PFMOAA	**25 J**	<5 UJ	**56**	**110 J**
PFO2HxA	**12 J**	**10 J**	**23**	**14 J**
PFO3OA	**5**	**3.5**	**7.6**	**4.9 J**
PFO4DA	**4.1 J**	**3**	**9.6**	**4 J**
PFO5DA	**2.3 J**	<2 UJ	**3.7**	<2 UJ
PMPA	<10 UJ	<10 UJ	**11**	**37 J**
PEPA	<20 UJ	<20	<20	**4.8 J**
PS Acid	**25 J**	**58**	**67**	**86 J**
Hydro-PS Acid	**25 J**	**18**	**30**	**34 J**
R-PSDA	**28 J**	**40 J**	**12**	**30 J**
Hydrolyzed PSDA	**490 J**	**260 J**	**370**	**640 J**
R-PSDCA	<2	<2	<2	<2 UJ
NVHOS	**2.3 J**	<2 UJ	**9.5**	**7.6 J**
EVE Acid	<2	<2	<2	<2 UJ
Hydro-EVE Acid	<2	<2	**2**	**3.6 J**
R-EVE	**3 J**	<2	**2.6**	**3.4 J**
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)*	**100**	**93**	**250**	**330**
Total Table 3+ Compounds (20 compounds)*	**620**	**390**	**640**	**1,000**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<19	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<2	<32	<2	<3.2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<200	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<520	<26	<52
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2	<85	<4.3	<8.5
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<140	<7	<14
6:2 Fluorotelomer sulfonate	<20	<200	<20	<20
F-53B Major (9Cl-PF3ONS)	<2	<24	<2	<2.4
ADONA	<2.1	<19	<2.1	--
DONA	--	--	--	<2
NaDONA	<2.1	<19	<2.1	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<190	<20	<20
N-ethylperfluoro-1-octanesulfonamide	<2	<87	<4.4	<8.7
N-methyl perfluoro-1-octanesulfonamide	<2	<43	<2.2	<4.3
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<310	<20	<31
Perfluorobutane Sulfonic Acid	<2	<20	<2	<2
Perfluorobutanoic Acid	**130 J**	**79**	**15**	**6.3**
Perfluorodecane Sulfonic Acid	<2	<32	<2	<3.2
Perfluorodecanoic Acid	<2	<31	<2	<3.1
Perfluorododecane sulfonic acid (PFDoS)	<2	<45	<2.3	<4.5
Perfluorododecanoic Acid	<2	<55	<2.8	<5.5
Perfluoroheptane sulfonic acid (PFHpS)	<2	<19	<2	<2
Perfluoroheptanoic Acid	**4.1 J**	<25	**3.1**	<2.5
Perfluorohexadecanoic acid (PFHxDA)	<2 UJ	<89	<4.5 UJ	<8.9 UJ
Perfluorohexane Sulfonic Acid	<2	**28**	**3.2**	**4.8**
Perfluorohexanoic Acid	<2 UJ	<58	<2.9	<5.8
Perfluorononanesulfonic acid	<2	<16	<2	<2
Perfluorononanoic Acid	<2	<27	<2	<2.7
Perfluorooctadecanoic acid	<2 UJ	<46	<2.3 UJ	<4.6 UJ
Perfluorooctane Sulfonamide	<2	<35	<2	<3.5
Perfluoropentane sulfonic acid (PFPeS)	<2	<30	<2	<3
Perfluoropentanoic Acid	<2 UJ	<49	**8**	**7.6**
Perfluorotetradecanoic Acid	<2	<29	<2	<2.9 UJ
Perfluorotridecanoic Acid	<2	<130	<6.5	<13
Perfluoroundecanoic Acid	<2	<110	<5.5	<11
PFOA	**4.5**	<85	**6.7**	**8.6**
PFOS	**3.4 J**	<54	<2.7	**6.5**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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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

SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	23A			
Sampling Event	April 2019	June 2019	August 2019	
Field Sample ID	DSTW-LOC23A-042419	STW-LOC-23A-062719	STW-LOC23A-082119-1	STW-LOC23A-082119-2
Date Sampled	04/24/2019	06/27/2019	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)	**270**	**170**	**11,000**	**25,000**
PFMOAA	**1,300**	**320**	**1,200**	**1,300**
PFO2HxA	**480**	**240**	**280**	**350**
PFO3OA	**140**	**87**	**73**	**110**
PFO4DA	<79	<79	**26**	**48**
PFO5DA	<34	<34 UJ	**11**	**22**
PMPA	**700**	**1,300**	**82**	**120**
PEPA	<47	**560**	**33**	**54**
PS Acid	**2,700**	**17,000**	**4,500**	**12,000**
Hydro-PS Acid	**140**	**740**	**210**	**570**
R-PSDA	**180**	**220**	**190**	**400**
Hydrolyzed PSDA	**2,200**	**2,900**	**3,800**	**7,400**
R-PSDCA	<15	**19**	**2**	**3.3**
NVHOS	<54	<54	**49**	**100**
EVE Acid	**65**	**110**	**52**	**150**
Hydro-EVE Acid	**32**	**28**	**23**	**61**
R-EVE	<70	<70	**16**	**25**
PES	<46	<46	<2.3	<9.2
PFECA B	<60	<60	<3	<12
PFECA-G	<41	<41	<2	<8.2
Total Table 3+ Compounds (17 compounds)*	**5,800**	**21,000**	**18,000**	**40,000**
Total Table 3+ Compounds (20 compounds)*	**8,200**	**24,000**	**22,000**	**48,000**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2.0	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	--	--	<3.1	<3.1
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<20	<20	<51	<50
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<60	<60	<3	<12
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<110	<110	<14	<13
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	--	--	<2.4	<2.3
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	<7.5
N-methyl perfluoro-1-octanesulfonamide	<35	<35	<2	<6.9
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<30	<30
Perfluorobutane Sulfonic Acid	<2.0	**3.8**	**3.5**	**3.7**
Perfluorobutanoic Acid	**160**	**70**	**55**	**54**
Perfluorodecane Sulfonic Acid	<2.0	<2	<3.1	<3.1
Perfluorodecanoic Acid	<2.0	**2.8**	<3	<3
Perfluorododecane sulfonic acid (PFDoS)	<2.0	<2	<4.4	<4.3
Perfluorododecanoic Acid	<2.0	**6.9**	<5.4	<5.3
Perfluoroheptane sulfonic acid (PFHpS)	<2.0	<2	<2	<2
Perfluoroheptanoic Acid	**3.6**	**14**	**24**	**25**
Perfluorohexadecanoic acid (PFHxDA)	<2.0	**42**	<8.7	<8.6
Perfluorohexane Sulfonic Acid	**2**	**5.8**	**6.2**	**6**
Perfluorohexanoic Acid	**6.6**	**24**	**26**	**26**
Perfluorononanesulfonic acid	<2.0	<2	<2	<2
Perfluorononanoic Acid	<2.0	**2.9**	**3.5**	**5.2**
Perfluorooctadecanoic acid	<2.0	**21**	<4.5	<4.4
Perfluorooctane Sulfonamide	<2.0	<2	<3.4	<3.4
Perfluoropentane sulfonic acid (PFPeS)	<2.0	<2	<2.9	<2.9
Perfluoropentanoic Acid	**13**	**29**	**31**	**34**
Perfluorotetradecanoic Acid	<2.0	**30**	<2.8	<2.8
Perfluorotridecanoic Acid	<2.0	**16**	<13	<13
Perfluoroundecanoic Acid	<2.0	**4.3**	<11	<11
PFOA	**20**	**30**	**290**	**460**
PFOS	**2.9**	**19**	**23**	**33**

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, which was subdivided into a storm event in May and a dry weather event in June.

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ng/L - nanograms per liter

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SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	23A			
Sampling Event	August 2019		October 2019	December 2019
Field Sample ID	STW-LOC23A-082119-3	STW-LOC23A-082119-4	STW-LOC23A-100919	STW-LOC-23A-122019
Date Sampled	8/21/2019	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)	**15,000**	**12,000**	**110**	**2,200**
PFMOAA	**1,600**	**1,200**	**890**	**1,100**
PFO2HxA	**390**	**310**	**200**	**240**
PFO3OA	**110**	**92**	**70**	**80**
PFO4DA	**46**	**42**	**44**	**37**
PFO5DA	**19**	**21 J**	**31**	**20**
PMPA	<110	<110	<57	<57
PEPA	**45**	**42**	**20**	**33**
PS Acid	**12,000**	**12,000**	**11,000**	**6,900**
Hydro-PS Acid	**520**	**530**	**570**	**330**
R-PSDA	**350**	**350**	**340**	**260**
Hydrolyzed PSDA	**7,000**	**7,000**	**5,900 J**	**3,500**
R-PSDCA	**3.5**	**3.1**	**2.9**	<2
NVHOS	**94**	**89**	**61**	**39**
EVE Acid	**130**	**130**	**88**	**83**
Hydro-EVE Acid	**52**	**52**	**71**	**63**
R-EVE	**27**	**23**	**34**	**26 J**
PES	<9.2	<9.2	<4.6	<4.6
PFECA B	<12	<12	<6	<6
PFECA-G	<8.2	<8.2	<4.1	<4.1
Total Table 3+ Compounds (17 compounds)*	**30,000**	**27,000**	**13,000**	**11,000**
Total Table 3+ Compounds (20 compounds)*	**37,000**	**34,000**	**19,000**	**15,000**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2	<2	<2
F-53B Minor (11Cl-PF3OUdS)	<3.2	<3.1	<2	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<20	<20	<20	<20
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<52	<50	<20	<20
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<12	<12	**3.3**	**2.8**
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<14	<13	<4	<4
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<2.4	<2.3	<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	<7.5	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<6.9	<6.9	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<31	<30	<20	<20
Perfluorobutane Sulfonic Acid	**3.5**	**3.9**	**6.7**	**2.3**
Perfluorobutanoic Acid	**51**	**49**	**18**	**180**
Perfluorodecane Sulfonic Acid	<3.2	<3.1	<2	<2
Perfluorodecanoic Acid	<3.1	**5.1**	**4**	**2.4**
Perfluorododecane sulfonic acid (PFDoS)	<4.5	<4.3	<2	<2
Perfluorododecanoic Acid	<5.5	<5.3	**4**	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**26**	**23**	**31**	**15**
Perfluorohexadecanoic acid (PFHxDA)	<8.8	<8.5	**10**	**8.1**
Perfluorohexane Sulfonic Acid	**6.1**	**6.5**	**12**	**3.8**
Perfluorohexanoic Acid	**24**	**27**	**37**	**17**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**5**	**4.8**	**3.4**	**2.1 B**
Perfluorooctadecanoic acid	<4.6	<4.4	**6.8**	**4.9**
Perfluorooctane Sulfonamide	<3.5	<3.3	**2.1**	<2
Perfluoropentane sulfonic acid (PFPeS)	<3	<2.9	<2	<2
Perfluoropentanoic Acid	**34**	**32**	**43**	**18**
Perfluorotetradecanoic Acid	<2.9	<2.8	**8**	**6.4**
Perfluorotridecanoic Acid	<13	<12	**6.9**	**5.2 B**
Perfluoroundecanoic Acid	<11	<11	**3.2**	<2
PFOA	**380**	**310**	**52**	**680**
PFOS	**33**	**32**	**27**	**11**

Notes:

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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 and a dry weather event in June.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	23A			23B
Sampling Event	January 2020	April 2020	May/June 2020	June 2019
Field Sample ID	STW-LOC23A-012920	STW-LOC-23A-4-042820	STW-LOC23A-4-060520	STW-LOC-23B-062719
Date Sampled	1/29/2020	4/28/2020	6/3/2020	06/27/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**190**	**130**	**870 J**	**3,200**
PFMOAA	**500 J**	**1,000**	**1,800 J**	**160 J**
PFO2HxA	**130**	**230**	**400 J**	**150 J**
PFO3OA	**46**	**65**	**180 J**	**67 J**
PFO4DA	**29**	**20**	**69 J**	**61 J**
PFO5DA	**13**	<2	**50 J**	**77 J**
PMPA	**33**	**41**	<150 UJ	**19,000 J**
PEPA	<20	<20	**20 J**	**8,500 J**
PS Acid	**4,400**	**4,900**	**24,000 J**	**49 J**
Hydro-PS Acid	**200**	**190**	**1,200 J**	**110 J**
R-PSDA	**140**	**89**	**400 J**	**580 J**
Hydrolyzed PSDA	**2,000 J**	**1,800**	**8,800 J**	**450 J**
R-PSDCA	<2	<2	**5 J**	**4.5 J**
NVHOS	**19**	**26**	**100 J**	**33 J**
EVE Acid	**52**	**30**	**190 J**	**5.1 J**
Hydro-EVE Acid	**25**	**8.9**	**54 J**	**21 J**
R-EVE	**20**	**5.6**	**19 J**	**210 J**
PES	<2.3	<2.3	<2 UJ	<9.2 UJ
PFECA B	<3	<3	<6.6 UJ	<12 UJ
PFECA-G	<2	<2	<12 UJ	<8.2 UJ
Total Table 3+ Compounds (17 compounds)*	**5,600**	**6,600**	**29,000**	**31,000**
Total Table 3+ Compounds (20 compounds)*	**7,800**	**8,500**	**38,000**	**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	<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	--	<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	<37
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<35
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	**20**	<20
Perfluorobutane Sulfonic Acid	**3**	**3.7**	**2.3**	**2.5**
Perfluorobutanoic Acid	**45**	**26**	**23**	**580**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	**4.8**	<2
Perfluorododecane sulfonic acid (PFDoS)	<2	<2	<2	<2
Perfluorododecanoic Acid	<2	**3.9**	**7.8**	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**9.1**	**6.4**	**8.3**	**10**
Perfluorohexadecanoic acid (PFHxDA)	**3.3**	**3.8**	**6.4**	<2 UJ
Perfluorohexane Sulfonic Acid	**4**	**4**	**3.8**	<2
Perfluorohexanoic Acid	**12**	**11**	**13**	**12**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	<2	<2	**3.1**	**2.5**
Perfluorooctadecanoic acid	<2	**2.5**	**2**	<2 UJ
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**13**	**15**	**20**	**68**
Perfluorotetradecanoic Acid	**3.6**	**3.9**	**9**	<2 UJ
Perfluorotridecanoic Acid	**2.4**	**3.3**	**6.8**	<2
Perfluoroundecanoic Acid	<2	**2.8**	**6.1**	<2
PFOA	**43**	**93**	**110**	**29**
PFOS	**9.7**	**13**	**17**	**5**

Notes:

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

Location ID	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**
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**
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**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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

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 - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	23B	24A		
Sampling Event	May/June 2020	April 2019		June 2019
Field Sample ID	STW-LOC23B-060320	DSTW-LOC24A-042419	DSTW-LOC24A-042419-D	STW-LOC-24A-062719
Date Sampled	6/3/2020	4/24/2019	4/24/2019	06/27/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	Field Duplicate	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**57**	**16 J**	**14**	**26**
PFMOAA	**3.7**	**7.5 J**	<5 UJ	<5 UJ
PFO2HxA	**6.3**	**9.9 J**	**12 J**	**14 J**
PFO3OA	<2	<2 UJ	<2 UJ	**2.3 J**
PFO4DA	<2	<2 UJ	<2 UJ	<2 UJ
PFO5DA	<2	<2 UJ	<2 UJ	<2 UJ
PMPA	**31**	**25 J**	**26 J**	**30 J**
PEPA	<2	<20 UJ	<20 UJ	<20 UJ
PS Acid	**32**	<2 UJ	<2 UJ	**2.2 J**
Hydro-PS Acid	<2	<2 UJ	<2 UJ	<2.2 J
R-PSDA	<2	**3.6 J**	**5.4 J**	**4.4 J**
Hydrolyzed PSDA	**14**	**2.7 J**	**3.1 J**	<2 UJ
R-PSDCA	<2	<2 UJ	<2 UJ	<2 UJ
NVHOS	<2	<2 UJ	<2 UJ	**2 J**
EVE Acid	<2	<2 UJ	<2 UJ	<2 UJ
Hydro-EVE Acid	<2	<2 UJ	<2 UJ	**4.4 J**
R-EVE	<2	**4 J**	**4.2 J**	**2.3 J**
PES	<2	<2 UJ	<2 UJ	<2 UJ
PFECA B	<2	<2 UJ	<2 UJ	<2 UJ
PFECA-G	<2	< UJ	<2 UJ	<2 UJ
Total Table 3+ Compounds (17 compounds)*	**130**	**58**	**52**	**81**
Total Table 3+ Compounds (20 compounds)*	**140**	**69**	**65**	**88**
Other PFAS (ng/L)				
10:2 Fluorotelomer sulfonate	<2	<2.0	<2.0	<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	<2	<60	<60	<60
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4	<110	<110	<110
6:2 Fluorotelomer sulfonate	<20	<20	<20	<20
F-53B Major (9Cl-PF3ONS)	<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 UJ	<37
N-methyl perfluoro-1-octanesulfonamide	<2	<35 UJ	<35 UJ	<35
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.1**	**2.3**	**2.3**	**3.4**
Perfluorobutanoic Acid	**5.2**	**6.3**	**5.8**	**9.4**
Perfluorodecane Sulfonic Acid	<2	<2.0	<2.0	<2
Perfluorodecanoic Acid	<2	<2.0	<2.0	**2.2**
Perfluorododecane sulfonic acid (PFDoS)	<2	<2.0	<2.0	<2
Perfluorododecanoic Acid	<2	<16	<2.0	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2.0	<2.0	<2
Perfluoroheptanoic Acid	**3.4**	**7**	**7.3**	**13**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2.0	<2.0	<2
Perfluorohexane Sulfonic Acid	**2.6**	**3.9**	**3.8**	**6**
Perfluorohexanoic Acid	**6.8**	**8.5**	**8.8**	**21**
Perfluorononanesulfonic acid	<2	<2.0	<2.0	<2
Perfluorononanoic Acid	<2	**2**	<2.0	**2.7**
Perfluorooctadecanoic acid	<2	<2.0	<2.0	<2
Perfluorooctane Sulfonamide	<2	<2.0	<2.0	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2.0	<2.0	<2
Perfluoropentanoic Acid	**5.8**	**7**	**6.7**	**17**
Perfluorotetradecanoic Acid	<2	<5.9	<2.0	<2
Perfluorotridecanoic Acid	<2	<14	<2.0	<2
Perfluoroundecanoic Acid	<2	<2	<2.0	<2
PFOA	**7.3**	**9.5**	**9.7**	**11 J**
PFOS	**9.4**	**25**	**21**	**30 J**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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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

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

-- - No data reported

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	24A			
Sampling Event	June 2019	August 2019		December 2019
Field Sample ID	STW-LOC-24A-062719-D	STW-LOC24A-082119	STW-LOC24A-082119-D	STW-LOC-24A-122019
Date Sampled	06/27/2019	8/21/2019	8/21/2019	12/20/2019
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**	**16**	**17**	**18 B**
PFMOAA	<5 UJ	**11**	**12**	**12**
PFO2HxA	**14 J**	**12**	**13**	**6.1**
PFO3OA	**2.3 J**	<2	**2.1**	<2
PFO4DA	<2 UJ	<2	<2	<2
PFO5DA	<2 UJ	<2	<2	<2
PMPA	**30 J**	**26**	**28**	**41 B**
PEPA	<20 UJ	<20	<20	**22**
PS Acid	**2.2 J**	<2	<2	<2
Hydro-PS Acid	<2.2 J	<2	<2	<2
R-PSDA	**4.4 J**	**9.7 J**	**11 J**	<2
Hydrolyzed PSDA	<2 UJ	**4 J**	**4.2 J**	**12 J**
R-PSDCA	<2 UJ	<2	<2	<2
NVHOS	**2 J**	**4.7**	**5.3**	<2
EVE Acid	<2 UJ	<2	<2	<2
Hydro-EVE Acid	**4.4 J**	<2	<2	<2
R-EVE	**2.3 J**	**4.5 J**	**3.9 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)*	**81**	**70**	**77**	**99**
Total Table 3+ Compounds (20 compounds)*	**88**	**88**	**97**	**110**
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	<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	**3.4**	**4.1**	**3.7**	**3.1**
Perfluorobutanoic Acid	**9.4**	**9.3**	**9**	<2
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	**2.2**	**2.5**	**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**	**19**	**18**	**8.6**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**6**	**6**	**5.8**	**4.4**
Perfluorohexanoic Acid	**21**	**26**	**26**	**15**
Perfluorononanesulfonic acid	<2	<2	<2	<2
Perfluorononanoic Acid	**2.7**	**2.7**	**2.1**	**2.8 B**
Perfluorooctadecanoic acid	<2	<2	<2	<2
Perfluorooctane Sulfonamide	<2	<2	<2	<2
Perfluoropentane sulfonic acid (PFPeS)	<2	<2	<2	<2
Perfluoropentanoic Acid	**17**	**25**	**27**	**10**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	**16 B**
Perfluoroundecanoic Acid	<2	<2	<2	**3.1 B**
PFOA	**11 J**	**11**	**10**	**7.6**
PFOS	**30 J**	**27 J**	**22 J**	**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.

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 and a dry weather event in June.

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.

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ND - No Table 3+ compounds were detected above their associated reporting limits.

ng/L - nanograms per liter

QA/QC - Quality assurance/ quality control

SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	24A			
Sampling Event	January 2020		April 2020	
Field Sample ID	STW-LOC24A-012920	STW-LOC24A-012920-D	STW-LOC-24A-042820	STW-LOC-24A-042820-D
Date Sampled	1/29/2020	1/29/2020	4/28/2020	4/28/2020
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	Field Duplicate	--	Field Duplicate
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**11**	**8.7**	**10**	**10**
PFMOAA	**9.9 J**	**9.3**	**7.1**	**6.9**
PFO2HxA	**6.5**	**6.2**	**8.8**	**8.5**
PFO3OA	<2	<2	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	**4.6**	**5.1**
PMPA	**46**	**47**	**27**	**25**
PEPA	**23**	**25**	<20	<20
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	<2	<2	**10 J**	**11 J**
Hydrolyzed PSDA	**5.4 J**	**5.2 J**	**4 J**	**3.4**
R-PSDCA	<2	<2	<2	<2
NVHOS	<2	<2	**5.3**	**5.1**
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)*	**96**	**96**	**63**	**61**
Total Table 3+ Compounds (20 compounds)*	**100**	**100**	**77**	**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	**2.1**	**2**	**3.6**	**3.7**
Perfluorobutanoic Acid	**4.5**	**4.2**	**7.6**	**7.3**
Perfluorodecane Sulfonic Acid	<2	<2	<2	<2
Perfluorodecanoic Acid	<2	<2	<2	<2
Perfluorododecane sulfonic acid (PFDoS)	<2 UJ	<2	<2	<2
Perfluorododecanoic Acid	<2	<2	<2	<2
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2	<2
Perfluoroheptanoic Acid	**3.8**	**3.5**	**4.8**	**5**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**2.5**	**2.4**	**4.8**	**5**
Perfluorohexanoic Acid	**5.4**	**5.1**	**9**	**8.8**
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 UJ	<2	<2	<2
Perfluoropentanoic Acid	**4.8**	**4.5**	**10**	**10**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**3.9**	**3.5**	**6.8**	**6.6**
PFOS	**6.3**	**6.2**	**17**	**16**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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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

SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	24A		24B	
Sampling Event	May/June 2020		April 2019	June 2019
Field Sample ID	STW-LOC24A-060320	STW-LOC24A-060320-D	DSTW-LOC24B-042419	STW-LOC24B-062719
Date Sampled	6/3/2020	6/3/2020	04/24/2019	06/27/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	Field Duplicate	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**38 J**	**20 J**	**14**	**10**
PFMOAA	<2 UJ	<2 UJ	**11 J**	<5
PFO2HxA	**6.4 J**	**7.4 J**	**11 J**	**8.1**
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	**96 J**	**63 J**	**19 J**	**17**
PEPA	**140 J**	**53 J**	<20 UJ	<20
PS Acid	<2 UJ	<2 UJ	<2 UJ	**77**
Hydro-PS Acid	<2 UJ	<2 UJ	<2 UJ	**3.3**
R-PSDA	<2 UJ	<2 UJ	**5.1 J**	<2
Hydrolyzed PSDA	<2 UJ	<2 UJ	**4.3 J**	**11 J**
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	**3.8 J**	<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)*	**280**	**140**	**55**	**120**
Total Table 3+ Compounds (20 compounds)*	**280**	**140**	**68**	**130**
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	**2.9**
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<35	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.2**	**2.9**	**2.2**	**3.5**
Perfluorobutanoic Acid	**13**	**13**	**5.5**	**9.6**
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**	**6.1**	**6**	**13**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2.0	<2
Perfluorohexane Sulfonic Acid	**3.1**	**3.3**	**3.3**	**5**
Perfluorohexanoic Acid	**9.6**	**9.2**	**8**	**19**
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	**11**	**11**	**6.2**	**17**
Perfluorotetradecanoic Acid	<2	<2	<2.0	<2
Perfluorotridecanoic Acid	<2	<2	<2.0	<2
Perfluoroundecanoic Acid	<2	<2	<2.0	<2
PFOA	**6.1**	**6.8**	**7.7**	**8.3**
PFOS	**8.9 J**	**12 J**	**12**	**14**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	24B			
Sampling Event	August 2019	October 2019	December 2019	
Field Sample ID	STW-LOC24B-082119	STW-LOC24B-100919	STW-LOC-24B-122019	STW-LOC-24B-122019-D
Date Sampled	8/21/2019	10/9/2019	12/20/2019	12/20/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	--	Field Duplicate
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**8.9**	**8.5**	**11 B**	**8.7 B**
PFMOAA	<5	<5 UJ	**12**	**13**
PFO2HxA	**6.7**	**7.1**	**6.5**	**5.1**
PFO3OA	<2	**2**	<2	<2
PFO4DA	<2	<2	<2	<2
PFO5DA	<2	<2	<2	<2
PMPA	**16**	**18**	**27 B**	**29 B**
PEPA	<20	<20	<20	<20
PS Acid	<2	<2	<2	<2
Hydro-PS Acid	<2	<2	<2	<2
R-PSDA	**5.3 J**	**6.9 J**	<2	**3.7 J**
Hydrolyzed PSDA	**2.4 J**	**4.4 J**	**5.2 J**	**6.2 J**
R-PSDCA	<2	<2	<2	<2
NVHOS	**4.3**	**7**	<2	<2
EVE Acid	<2	**9.6**	<2	<2
Hydro-EVE Acid	<2	<2	<2	<2
R-EVE	**2.2 J**	<2	<2	**2.6 J**
PES	<2	<2	<2	<2
PFECA B	<2	<2	<2	<2
PFECA-G	<2	<2	<2	<2
Total Table 3+ Compounds (17 compounds)*	**36**	**52**	**57**	**56**
Total Table 3+ Compounds (20 compounds)*	**46**	**64**	**62**	**68**
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**	**6.2**	**2.8**	**2.7**
Perfluorobutanoic Acid	**9.5**	**18**	**3.9 J**	**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	**21**	**34**	**6.8 J**	**6.8**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**5.8**	**8.5**	**3.1**	**3.2**
Perfluorohexanoic Acid	**25**	**49**	**13 J**	**12**
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	**25**	**46**	**8.3 J**	**9.9**
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	**9.5**	**11**	**4.6 J**	**4.6**
PFOS	**16**	**15**	**7.5**	**7.9**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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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

SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	24B			24C
Sampling Event	January 2020	April 2020	May/June 2020	April 2019
Field Sample ID	STW-LOC24B-012920	STW-LOC-24B-042820	STW-LOC24B-060320	DSTW-LOC24C-042419
Date Sampled	1/29/2020	4/28/2020	6/3/2020	04/24/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	--
QA/QC	--	--	--	--
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**12**	**16**	**4.7**	**19**
PFMOAA	**8.2 J**	**15**	**3.2**	**11 J**
PFO2HxA	**6.2**	**12**	**5.8**	**12 J**
PFO3OA	<2	**2.4**	<2	<2 UJ
PFO4DA	<2	<2	<2	<2 UJ
PFO5DA	<2	**5.6**	<2	<2 UJ
PMPA	**24**	**26**	**33**	**28 J**
PEPA	<20	<20	<2	<20 UJ
PS Acid	<2	<2	<2	**14 J**
Hydro-PS Acid	<2	<2	<2	**2.1 J**
R-PSDA	<2	<2	<2	**39 J**
Hydrolyzed PSDA	**3.7 J**	**5.5**	<2	**51 J**
R-PSDCA	<2	<2	<2	<2 UJ
NVHOS	<2	**4.5**	<2	**4 J**
EVE Acid	<2	<2	<2	**6.8 J**
Hydro-EVE Acid	<2	<2	<2	**3.7 J**
R-EVE	<2	**2.2**	<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)*	**50**	**82**	**47**	**100**
Total Table 3+ Compounds (20 compounds)*	**54**	**89**	**47**	**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	--	<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	<37
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<2	<35
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	**3.5**	**2.8**	**2**
Perfluorobutanoic Acid	**3.9**	**5.4**	**6.3 J**	**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	**2.8**	**4.4**	**3.5**	**5.9**
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**2.1**	**4.4**	**3.1**	**3.4**
Perfluorohexanoic Acid	**4.1**	**9.1**	**7.7**	**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	**4.3**	**10**	**6.4**	**6.4**
Perfluorotetradecanoic Acid	<2	<2	<2	<2.0
Perfluorotridecanoic Acid	<2	<2	<2	<2.0
Perfluoroundecanoic Acid	<2	<2	<2	<2.0
PFOA	**3**	**5.7**	**5.5**	**7.3**
PFOS	**5.3**	**12**	**9**	**15**

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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ND - No Table 3+ compounds were detected above their associated reporting limits.

ng/L - nanograms per liter

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	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**	**8 J**
Hydrolyzed PSDA	**5.3 J**	**53 J**	**1,300**	**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**	<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**

Notes:

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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 and a dry weather event in June.

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.

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ng/L - nanograms per liter

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	24C		TBLK	
Sampling Event	April 2020	May/June 2020	April 2019	June 2019
Field Sample ID	STW-LOC-24C-042820	STW-LOC24C-060320	DSTW-TB-042519	STW-TBLK-1
Date Sampled	4/28/2020	6/3/2020	04/25/2019	06/28/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	--	--	Trip Blank	Trip Blank
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	**16**	**5.6**	<4.0	<4
PFMOAA	**15**	**3**	<5 UJ	<5
PFO2HxA	**13**	**6.1**	<2 UJ	<2
PFO3OA	**2.2**	<2	<2 UJ	<2
PFO4DA	<2	<2	<2 UJ	<2
PFO5DA	**5**	<2	<2 UJ	<2
PMPA	**26**	**31**	<10 UJ	<10
PEPA	<20	<2	<20 UJ	<20
PS Acid	**16**	**8.9**	<2 UJ	<2
Hydro-PS Acid	<2	<2	<2 UJ	<2
R-PSDA	**15**	**30**	<2 UJ	<2
Hydrolyzed PSDA	**25**	**22**	<2 UJ	<2
R-PSDCA	<2	<2	<2 UJ	<2
NVHOS	**5.2**	**3.4**	<2 UJ	<2
EVE Acid	**5.9**	**2.6**	<2 UJ	<2
Hydro-EVE Acid	**2.4**	<2	<2 UJ	<2
R-EVE	<2	**3.4**	<2 UJ	<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)*	**110**	**61**	ND	ND
Total Table 3+ Compounds (20 compounds)*	**150**	**120**	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	<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	<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	<37	<2
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<35	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	**3.5**	**2.9**	<2	<2
Perfluorobutanoic Acid	**5.4**	**4.9**	<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	**4.5**	**3.9**	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	**4.3**	**2.8**	<2	<2
Perfluorohexanoic Acid	**8.7**	**8**	<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	**10**	**5.4**	<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**	<2	<2
PFOS	**11**	**10**	<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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	TBLK			
Sampling Event	August 2019	October 2019	December 2019	January 2020
Field Sample ID	STW-TBLK-082219	STW-TBLK-100919	STW-TB-122619	STW-LOCTB-012920
Date Sampled	8/22/2019	10/9/2019	12/26/2019	1/29/2020
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)	<2	<4	**6.7**	<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	**11**	<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	**18**	ND
Total Table 3+ Compounds (20 compounds)*	ND	ND	**18**	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	**2.9**	<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	**27**	<2
Perfluoroundecanoic Acid	<2	<2	**5**	<2
PFOA	<2	<2	<2	<2
PFOS	<2	<2	<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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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ng/L - nanograms per liter

QA/QC - Quality assurance/ quality control

SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	TBLK		EQBLK	
Sampling Event	April 2020	May/June 2020	April 2019	
Field Sample ID	STW-LOC-TB-042820	STW-TB-052120	DSTW-EB-01-042419	DSTW-EB-02-042419
Date Sampled	4/28/2020	5/20/2020	04/24/2019	04/24/2019
Analytical Laboratory	TestAmerica	TestAmerica	TestAmerica	TestAmerica
QA/QC	Trip Blank	Trip Blank	Equipment Blank	Equipment Blank
Table 3+ Lab SOP (ng/L)				
HFPO-DA (EPA Method 537 Mod)	<4	<2	<4.0	<4.0
PFMOAA	<5	<5	<5 UJ	<5 UJ
PFO2HxA	<2	<2	<2 UJ	<2 UJ
PFO3OA	<2	<2	<2 UJ	<2 UJ
PFO4DA	<2	<2	<2 UJ	<2 UJ
PFO5DA	<2	<2	<2 UJ	<2 UJ
PMPA	<10	<10	<10 UJ	<10 UJ
PEPA	<20	<20	<20 UJ	<20 UJ
PS Acid	<2	<2	<2 UJ	<2 UJ
Hydro-PS Acid	<2	<2	<2 UJ	<2 UJ
R-PSDA	<2	<2	<2 UJ	<2 UJ
Hydrolyzed PSDA	<2	<2	<2 UJ	<2 UJ
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	<2 UJ	<2 UJ
PES	<2	<2	<2 UJ	<2 UJ
PFECA B	<2	<2	<2 UJ	<2 UJ
PFECA-G	<2	<2	<2 UJ	<2 UJ
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	<2.0	<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	**820 J**	**850 J**
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	<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	<37 UJ	<37 UJ
N-methyl perfluoro-1-octanesulfonamide	<2	<2	<35	<35
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2	<2	<2.0	<2.0
Perfluorobutanoic Acid	<2	<2	<2.0	<2.0
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	<2.0	<2.0
Perfluoroheptane sulfonic acid (PFHpS)	<2	<2	<2.0	<2.0
Perfluoroheptanoic Acid	<2	<2	<2.0	<2.0
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2.0	<2.0
Perfluorohexane Sulfonic Acid	<2	<2	<2.0	<2.0
Perfluorohexanoic Acid	<2	<2	<2.0	<2.0
Perfluorononanesulfonic acid	<2	<2	<2.0	<2.0
Perfluorononanoic Acid	<2	<2	<2.0	<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	<2	<2	<2.0	<2.0
Perfluorotetradecanoic Acid	<2	<2	<2.0	<2.0
Perfluorotridecanoic Acid	<2	<2	<2.0	<2.0
Perfluoroundecanoic Acid	<2	<2	<2.0	<2.0
PFOA	<2	<2	<2.0	<2.0
PFOS	<2	<2	<2.0	<2.0

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, which was subdivided into a storm event in May and a dry weather event in June.

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ng/L - nanograms per liter

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	EQBLK			
Sampling Event	April 2019	June 2019		August 2019
Field Sample ID	DSTW-EB-03-042419	STW-EQBLK-1	STW-EQBLK-2	STW-EB-01-082119
Date Sampled	04/24/2019	06/28/2019	06/27/2019	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)	<4.0	<4	<4	<2
PFMOAA	<5 UJ	<5	<5	<5
PFO2HxA	<2 UJ	<2	<2	<2
PFO3OA	<2 UJ	<2	<2	<2
PFO4DA	<2 UJ	<2	<2	<2
PFO5DA	<2 UJ	<2	<2	<2
PMPA	<10 UJ	<10	<10	<10
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	<2	<2	<2
Hydrolyzed PSDA	<2 UJ	<2	<2	<2
R-PSDCA	<2 UJ	<2	<2	<2
NVHOS	<2 UJ	<2	<2	<2
EVE Acid	<2 UJ	<2	<2	<2
Hydro-EVE Acid	<2 UJ	<2	<2	<2
R-EVE	<2 UJ	<2	<2	<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)*	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	<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	**780 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	<2	<2	<2
N-methyl perfluoro-1-octanesulfonamide	<35	<2	<2	<2
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2.0	<2	<2	<2
Perfluorobutanoic Acid	<2.0	<2	<2	<2
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	<2.0	<2	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	<2.0	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2.0	<2	<2	<2
Perfluorohexanoic Acid	<2.0	<2	<2	<2
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	<2.0	<2	<2	<2
Perfluorotetradecanoic Acid	<2.0	<2	<2	<2
Perfluorotridecanoic Acid	<2.0	<2	<2	<2
Perfluoroundecanoic Acid	<2.0	<2	<2	<2
PFOA	<2.0	<2	<2	<2
PFOS	<2.0	<2	<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.

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ND - No Table 3+ compounds were detected above their associated reporting limits.

ng/L - nanograms per liter

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	EQBLK			
Sampling Event	August 2019		October 2019	
Field Sample ID	STW-EB-02-082119	STW-EB-03-082119	STW-EB-01-100919	STW-EB-02-100919
Date Sampled	8/21/2019	8/21/2019	10/9/2019	10/9/2019
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)	<2	<2	<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	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	<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

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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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

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

-- - No data reported

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	EQBLK			
Sampling Event	October 2019	December 2019		January 2020
Field Sample ID	STW-EB-03-100919	STW-EQBLK-DR-122019	STW-EQBLK-IO-122019	STW-LOCEB1-012920
Date Sampled	10/9/2019	12/20/2019	12/20/2019	1/29/2020
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	<5	<5 UJ
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**	**10**	ND
Total Table 3+ Compounds (20 compounds)*	ND	**10**	**10**	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

Notes:

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SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	EQBLK			
Sampling Event	January 2020	April 2020		May/June 2020
Field Sample ID	STW-LOCEB2-012920	STW-LOC-EB1-042820	STW-LOC-EB2-042820	STW-EB-052120
Date Sampled	1/29/2020	4/28/2020	4/28/2020	5/20/2020
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	<2
PFMOAA	<5 UJ	<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	<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	<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

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, which was subdivided into a storm event in May and a dry weather event in June.

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ND - No Table 3+ compounds were detected above their associated reporting limits.

ng/L - nanograms per liter

QA/QC - Quality assurance/ quality control

SOP - standard operating procedure

UJ – Analyte not detected. Reporting limit may not be accurate or precise.

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	FBLK			
Sampling Event	**April 2019**	**June 2019**	**August 2019**	**October 2019**
Field Sample ID	**DSTW-TB-042519**	**STW-LOC-FBLK-1**	**STW-FB-082119**	**STW-FB-100919**
Date Sampled	**04/25/2019**	**06/27/2019**	**8/21/2019**	**10/9/2019**
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)	<4.0	<4	<2	<4
PFMOAA	<5 UJ	<5	<5	<5
PFO2HxA	<2 UJ	<2	<2	<2
PFO3OA	<2 UJ	<2	<2	<2
PFO4DA	<2 UJ	<2	<2	<2
PFO5DA	<2 UJ	<2	<2	<2
PMPA	<10 UJ	<10	<10	<10
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	<2	<2	<2
Hydrolyzed PSDA	<2 UJ	<2	<2	<2
R-PSDCA	<2 UJ	<2	<2	<2
NVHOS	<2 UJ	<2	<2	<2
EVE Acid	<2 UJ	<2	<2	<2
Hydro-EVE Acid	<2 UJ	<2	<2	<2
R-EVE	<2 UJ	<2	<2	<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)*	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	<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	<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	<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

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, which was subdivided into a storm event in May and a dry weather event in June.

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.

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ND - No Table 3+ compounds were detected above their associated reporting limits.

ng/L - nanograms per liter

QA/QC - Quality assurance/ quality control

SOP - standard operating procedure

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TABLE A1
ANALYTICAL RESULTS - ALL SAMPLING EVENTS
Chemours Fayetteville Works, North Carolina

Location ID	FBLK			
Sampling Event	**December 2019**	**Jannuary 2020**	**April 2020**	**May/June 2020**
Field Sample ID	**STW-FBLK-122019**	**STW-LOCFB-012920**	**STW-LOC-FB-042820**	**STW-FB-052120**
Date Sampled	**12/20/2019**	**1/29/2020**	**4/28/2020**	**5/20/2020**
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 UJ	<4	<4	<2
PFMOAA	<5	<5 UJ	<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)*	**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	--
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	<2	<2	<2
Perfluorobutanoic Acid	<2 UJ	<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 UJ	<2	<2	<2
Perfluorohexadecanoic acid (PFHxDA)	<2	<2	<2	<2
Perfluorohexane Sulfonic Acid	<2	<2	<2	<2
Perfluorohexanoic Acid	<2 UJ	<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 UJ	<2	<2	<2
Perfluorotetradecanoic Acid	<2	<2	<2	<2
Perfluorotridecanoic Acid	<2	<2	<2	<2
Perfluoroundecanoic Acid	<2	<2	<2	<2
PFOA	<2 UJ	<2	<2	<2
PFOS	<2	<2	<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, which was subdivided into a storm event in May and a dry weather event in June.

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ND - No Table 3+ compounds were detected above their associated reporting limits.

ng/L - nanograms per liter

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SOP - standard operating procedure

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APPENDIX B
Field Parameters

Geosyntec consultants

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

Geosyntec Consultants of NC, P.C.
2501 Blue Ridge Road, Suite 430
Raleigh, NC 27607

31 July 2020

APPENDIX B: FIELD PARAMETERS

Field parameters recorded during the April 2020 event and the May/ June 2020 event are provided in Table B1 and Table B2 for grab samples and temporal composite samples, respectively. 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 during the April 2020 event and the May/ June 2020 event, field parameters were measured once prior to sampling using a flow through cell. For temporal composite samples during the April 2020 event and the May/ June 2020 event, field parameters were measured twice using a flow through cell: once during composite sampling (collected directly from the water stream), and once after composite sampling (collected from the autosampler reservoir).

Recorded field parameter data observed during the April 2020 event and the May/ June 2020 event are generally in line with expectations for the sample locations, with the following exceptions:

- In April 2020 and in May/June 2020, most locations had recorded pH between 5 and 9. Location 22, the combined influent to the wastewater treatment plant (WWTP), had pH greater than 10 in both the initial and final readings.

- In April 2020, most locations had recorded dissolved oxygen (DO) between 5 and 9 milligrams per liter (mg/L). Location 14, the Dupont area southeast stormwater and NCCW discharge, had an initial DO reading greater than 10 mg/L. The final DO reading at this location was 8.0 mg/L.

TABLE B1
GRAB SAMPLE FIELD PARAMETERS - 2020 QUARTER 2 - APRIL AND MAY/JUNE 2020 EVENT
Chemours Fayetteville Works, North Carolina

Location	pH		Temperature (°C)		Specific Conductivity (mS/cm)		Dissolved Oxygen (mg/L)		ORP (mV)		Turbidity (NTU)	
	April	May/June	April	May/June	April	May/June	April	May/June	April	May/June	April	May/June
6A	6.9	7.1	24	32	0.11	0.09	7.9	6.8	99	77	16	46
6B	7.3	7.4	23	28	0.10	0.10	8.0	7.5	130	61	8.8	23
19A	7.1	7.2	40	29	0.06	0.08	5.5	5.9	-5.8	83	18	1.1
19B	7.7	7.0	25	38	0.15	0.07	6.1	4.7	33	69	9.1	29
21A	6.8	7.7	27	20	0.14	0.07	8.1	8.3	32	54	9.1	70
23B	7.2	7.2	28	31	0.13	0.11	6.7	6.7	40	76	6.0	3.1
24A	7.7	7.2	25	25	0.24	0.18	5.2	7.3	-45	79	8.6	24
24B	7.8	7.4	25	30	0.16	0.35	7.9	6.2	-30	92	5.9	3.8
24C	7.9	7.4	28	30	0.16	0.22	7.2	7.0	-19	78	6.4	3.7

Notes:
-- - sample not collected
°C - degrees Celsius
mg/L - milligrams per liter
mS/cm - milliSiemens per centimeter
mV - millivolt
N/A - no data reported
NTU - nephelometric turbidity units
ORP - oxidation reduction potential

TABLE B2
TEMPORAL COMPOSITE SAMPLE FIELD PARAMETERS - 2020 QUARTER 2 - APRIL AND MAY/JUNE 2020 EVENT
Chemours Fayetteville Works, North Carolina

Location	pH				Temperature (°C)				Specific Conductivity (mS/cm)			
	April		May/June		April		May/June		April		May/June	
	Initial Reading	Final Reading	Initial Reading	Final Reading	Initial Reading	Final Reading	Initial Reading	Final Reading	Initial Reading	Final Reading	Initial Reading	Final Reading
1	7.2	7.2	8.0	6.6	23	24	20	22	0.12	0.1	0.06	0.29
3	--	--	7.8	7.0	--	--	21	22	--	--	0.09	0.29
4	--	--	7.7	7.2	--	--	20	22	--	--	0.06	0.02
5	--	--	7.6	7.3	--	--	20	22	--	--	0.07	0.04
7A	7.8	7.2	8.3	7.1	21	24	22	23	0.32	0.1	0.53	0.12
7B	7.5	7.2	7.4	7.2	22	25	21	23	0.17	0.14	0.15	0.19
7C	--	--	7.6	7.4	--	--	21	23	--	--	0.18	0.15
8*	7.8	7.9	8.0/8.2	8.0/8.1	22	24	21/29	23/12	1.5	1.5	1.2/1.5	1.7/1.2
9	7.7	7.4	7.9	8.1	27	24	22	23	0.12	0.11	0.17	0.12
10	--	--	8.0	7.9	--	--	20	22	--	--	0.08	0.02
10A	--	--	7.9	7.7	--	--	21	22	--	--	0.05	0.05
11	--	--	7.8	6.8	--	--	21	22	--	--	0.06	0.05
12	--	--	8.0	7.2	--	--	21	23	--	--	0.20	0.19
13	--	--	7.5	7.3	--	--	20	22	--	--	0.03	0.03
14	8.3	7.5	8.0	7.4	22	26	31	23	0.14	0.12	0.22	0.13
15	7.5	7.4	7.4	7.3	20	26	22	23	0.14	0.11	0.08	0.10
18	6.6	6.8	9.8	5.5	24	26	35	10	0.1	0.08	1.02	0.31
20	7.6	7.7	8.9	7.3	23	25	20	23	0.16	0.13	1.11	0.16
22	10	10	10	11	26	26	33	11	0.32	0.42	0.88	0.45
23A	7.1	8.1	7.0	8.0	25	25	29	11	0.13	0.12	0.19	0.08

Notes:

Initial reading collected at the start of sampling directly from the water stream.

Final reading collected after sampling was complete, from autosampler reservoir.

* - Location 8 was sampled in both May 2020 and June 2020.

-- - Field parameters not recorded

°C - degrees Celsius

mg/L - milligrams per liter

mS/cm - milliSiemens per centimeter

mV - millivolt

N/A - no data reported

NTU - nephelometric turbidity units

ORP - oxidation reduction potential

TABLE B2
TEMPORAL COMPOSITE SAMPLE FIELD PARAMETERS - 2020 QUARTER 2 - APRIL AND MAY/JUNE 2020 EVENT
Chemours Fayetteville Works, North Carolina

Location	Dissolved Oxygen (mg/L)				ORP (mV)				Turbidity (NTU)			
	April		May/June		April		May/June		April		May/June	
	Initial Reading	Final Reading	Initial Reading	Final Reading	Initial Reading	Final Reading	Initial Reading	Final Reading	Initial Reading	Final Reading	Initial Reading	Final Reading
1	8.1	7.8	8.4	7.9	58	82	48	120	8.9	9.0	13	6.5
3	--	--	7.8	7.9	--	--	26	99	--	--	34	5.1
4	--	--	8.3	8.0	--	--	2.6	84	--	--	68	5.1
5	--	--	7.9	7.9	--	--	14	65	--	--	210	43
7A	7.8	7.9	7.0	7.8	-0.1	87	34	65	11	7.4	17	12
7B	8.3	7.9	7.7	7.7	7.5	88	67	77	22	8.4	56	11
7C	--	--	7.6	7.8	--	--	2.2	73	--	--	14	15
8*	8.1	7.8	7.9/4.3	7.7/7.9	16	100	39/20	73/36	2.5	3.0	10/0.61	0.4/0.35
9	7.4	7.4	7.5	7.5	-14	71	46	71	9.3	7.1	250	190
10	--	--	8.2	8.1	--	--	31	58	--	--	18	4.1
10A	--	--	8.2	8.0	--	--	37	63	--	--	16	7.8
11	--	--	7.4	7.7	--	--	19	85	--	--	5.8	12
12	--	--	7.1	7.3	--	--	26	79	--	--	0.91	2.0
13	--	--	8.2	7.9	--	--	32	63	--	--	20	0.68
14	10.1	8.0	6.8	7.6	18	75	17	68	2.2	3.1	1.4	0.02
15	7.3	7.4	7.9	7.8	2.0	76	39	66	14	6.4	78	41
18	7.7	5.9	5.0	3.1	55	71	-41	69	190	34	9.2	13
20	8.7	8.1	5.3	7.8	27	61	28	71	7.4	6.0	34	15
22	6.4	6.6	4.5	5.7	21	64	-78	-22	170	77	16	16
23A	6.3	6.0	6.7	8.0	52	59	-32	20	2.7	4.8	2.3	2.0

Notes:

Initial reading collected at the start of sampling directly from the water stream.

Final reading collected after sampling was complete, from autosampler reservoir.

* - Location 8 was sampled in both May 2020 and June 2020.

-- - Field parameters not recorded

°C - degrees Celsius

mg/L - milligrams per liter

mS/cm - milliSiemens per centimeter

mV - millivolt

N/A - no data reported

NTU - nephelometric turbidity units

ORP - oxidation reduction potential

APPENDIX C

Laboratory Reports and DVM Workbooks

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 4/20**

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

Sampling Dates **April 28, 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 37 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 April 30, 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:

- Professional judgement was used to overwrite an R qualifier, indicating an unusable result, that was assigned by the DVM due to a very poor surrogate recovery for N-ethylperfluoro-1-octanesulfonamide in one sample. The qualifier was updated to UJ, indicating an estimated reporting limit, because the surrogate compound was a measurable labeled isotope compound, which is used for quantitation and provides a sample specific recovery correction of the sample results.
- Some analytical results have been qualified J as estimated, and non-detect results qualified UJ indicating an estimated reporting limit, due to poor or very poor recovery of a surrogate or matrix spike; a transition mass ratio for the indicated analyte outside of the established ratio limits along with chromatographic interference that could not be resolved, and; poor field duplicate, lab replicate, or laboratory blank spike 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 report due to a large page count is stored on an AECOM network shared drive and is 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 4/20 **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-22-4-042820	04/28/2020	320-60545-9	Perfluorooctadecanoic acid	0.0023	ug/L	PQL		0.0023	UJ	537 Modified		3535_PFC
STW-LOC-22-4-042820	04/28/2020	320-60545-9	Perfluorohexadecanoic acid (PFHxDA)	0.0045	ug/L	PQL		0.0045	UJ	537 Modified		3535_PFC
STW-LOC-18-4-042820	04/28/2020	320-60545-8	Perfluorooctadecanoic acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-18-4-042820	04/28/2020	320-60545-8	Perfluorohexadecanoic acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-19A-042820	04/28/2020	320-60542-3	Perfluorooctadecanoic acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-19A-042820	04/28/2020	320-60542-3	Perfluorohexadecanoic acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 4/20 **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-20-4-042820	04/28/2020	320-60557-1	Perfluorooctadecanoic acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC-24A-042820	04/28/2020	320-60557-3	Perfluorooctadecanoic acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 4/20 **Validation Options:** LABSTATS

Validation Reason One or more surrogates had relative percent recovery (RPR) values less than the data rejection level. The reported non-detect result is an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC-18-4-042820	04/28/2020	320-60545-8	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535_PFC

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 4/20 **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-24A-042820	04/28/2020	320-60557-3	R-PSDA	0.010	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-042820	04/28/2020	320-60557-3	Hydrolyzed PSDA	0.0040	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-042820	04/28/2020	320-60557-3	Hydrolyzed PSDA	0.0039	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-20-4-042820	04/28/2020	320-60557-1	R-PSDA	0.018	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-20-4-042820	04/28/2020	320-60557-1	R-PSDA	0.017	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-20-4-042820	04/28/2020	320-60557-1	Hydrolyzed PSDA	0.093	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-20-4-042820	04/28/2020	320-60557-1	Hydrolyzed PSDA	0.090	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-20-4-042820	04/28/2020	320-60557-1	R-EVE	0.0038	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-20-4-042820	04/28/2020	320-60557-1	R-EVE	0.0040	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 4/20 **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-24A-042820	04/28/2020	320-60557-3	R-PSDA	0.0085	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-24A-042820-D	04/28/2020	320-60557-4	R-PSDA	0.011	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 4/20 **Validation Options:** LABSTATS

Validation Reason High relative percent difference (RPD) observed between LCS and LCSD samples. 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-19B-042820	04/28/2020	320-60542-4	PFO4DA	0.0025	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-21A-042820	04/28/2020	320-60542-5	PFO4DA	0.0021	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 4/20 **Validation Options:** LABSTATS

Validation Reason Quality review criteria exceeded between the REP (laboratory replicate) 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-24A-042820	04/28/2020	320-60557-3	PFOS	0.017	UG/L	PQL		0.0020	J	537 Modified		3535_PFC
STW-LOC-24A-042820	04/28/2020	320-60557-3	PFOS (trial)	0.013	UG/L	PQL		0.0020	J	537 Modified		3535_PFC

ADQM DATA REVIEW
NARRATIVE

Site **Chemours FAY – Fayetteville**

Project **Stormwater Sampling 5/20**

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

Sampling Dates **May 20-21, 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 36 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 May 23, 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 laboratory reported HFPO-DA from both the 537 Modified and Table 3+ analysis for each sample. The best value field was populated to report the "better" result for each sample according to the following criteria:
    - The higher concentration of two detects was reported.
    - The detected value was reported when a detect and a non-detect result were evaluated.
    - The lower reporting limit was reported when two non-detect results were evaluated.
- Some analytical results have been qualified J as estimated, due to a surrogate or matrix spike outside criteria. 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 report due to a large page count is stored on an AECOM network shared drive and is 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 5/20 **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-12-2-052120	05/21/2020	320-61120-3	R-PSDA	0.053	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-12-2-052120	05/21/2020	320-61120-3	R-PSDA	0.049	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-12-2-052120	05/21/2020	320-61120-3	Hydrolyzed PSDA	0.0069	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-12-2-052120	05/21/2020	320-61120-3	Hydrolyzed PSDA	0.0068	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-12-2-052120	05/21/2020	320-61120-3	R-EVE	0.0063	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC-12-2-052120	05/21/2020	320-61120-3	R-EVE	0.0071	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** STORMWATER SAMPLING 5/20 **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-1-2-052120	05/21/2020	320-61122-1	PFOA	0.0055	UG/L	PQL		0.0020	J	537 Modified		3535_PFC
STW-LOC-1-2-052120	05/21/2020	320-61122-1	Perfluorohexane Sulfonic Acid	0.0048	UG/L	PQL		0.0020	J	537 Modified		3535_PFC
STW-LOC-1-2-052120	05/21/2020	320-61122-1	Perfluorobutane Sulfonic Acid	0.0036	UG/L	PQL		0.0020	J	537 Modified		3535_PFC
STW-LOC-1-2-052120	05/21/2020	320-61122-1	Perfluoroheptanoic Acid	0.0051	UG/L	PQL		0.0020	J	537 Modified		3535_PFC

ADQM DATA REVIEW
NARRATIVE

Site **Chemours FAY – Fayetteville**

Project **Stormwater Sampling 6/20**

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

Sampling Dates **June 3, 2020**
June 5, 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 including HFPO-DA

[1] Perfluoroalkylsubstances, a list of 35 compounds.

Sample Receipt

The following items are noted for this data set:

- All samples were received in satisfactory condition and within EPA temperature guidelines on June 10, 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:

- 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; laboratory analysis which exceeded the laboratory SOP hold time, 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 6/20 **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-LOC18-4-060520	06/05/2020	320-61659-3	Perfluorooctadecanoic acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC18-4-060520	06/05/2020	320-61659-3	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC18-4-060520	06/05/2020	320-61659-3	Perfluorohexadecanoic acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
STW-LOC19B-060320	06/03/2020	320-61657-2	Perfluorooctadecanoic acid	0.0046	ug/L	PQL		0.0046	UJ	537 Modified		3535_PFC
STW-LOC19B-060320	06/03/2020	320-61657-2	Perfluorotetradecanoic Acid	0.0029	UG/L	PQL		0.0029	UJ	537 Modified		3535_PFC
STW-LOC19B-060320	06/03/2020	320-61657-2	Perfluorohexadecanoic acid (PFHxDA)	0.0089	ug/L	PQL		0.0089	UJ	537 Modified		3535_PFC
STW-LOC22-4-060520	06/05/2020	320-61659-1	Perfluorooctadecanoic acid	0.0046	ug/L	PQL		0.0046	UJ	537 Modified		3535_PFC
STW-LOC22-4-060520	06/05/2020	320-61659-1	Perfluorotetradecanoic Acid	0.0029	UG/L	PQL		0.0029	UJ	537 Modified		3535_PFC
STW-LOC22-4-060520	06/05/2020	320-61659-1	Perfluorohexadecanoic acid (PFHxDA)	0.0089	ug/L	PQL		0.0089	UJ	537 Modified		3535_PFC

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded. The reporting limit may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	PEPA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	NVHOS	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	PES	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded. The reporting limit may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	NVHOS	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	PES	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	PMPA	0.013	UG/L	PQL		0.013	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	PEPA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded. The reporting limit may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	NVHOS	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	PES	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	PMPA	0.013	UG/L	PQL		0.013	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	PES	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded. The reporting limit may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	PFECA B	0.0066	UG/L	PQL		0.0066	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	PES	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	PMPA	0.15	UG/L	PQL		0.15	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	PFECA-G	0.012	UG/L	PQL		0.012	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	NVHOS	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	PES	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded. The reporting limit may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	NVHOS	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	PES	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded. The reporting limit may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	NVHOS	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	PES	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	NVHOS	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	PES	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded. The reporting limit may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	PEPA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	PES	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded. The reporting limit may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **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-LOC24A-060320	06/03/2020	320-61652-1	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **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-LOC24A-060320-D	06/03/2020	320-61652-2	PFOS	0.012	UG/L	PQL		0.0020	J	537 Modified		3535_PFC
STW-LOC24A-060320-D	06/03/2020	320-61652-2	PEPA	0.053	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	PMPA	0.063	UG/L	PQL		0.013	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	Hfpo Dimer Acid	0.020	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	PFOS	0.0089	UG/L	PQL		0.0020	J	537 Modified		3535_PFC
STW-LOC24A-060320	06/03/2020	320-61652-1	PEPA	0.14	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	PMPA	0.096	UG/L	PQL		0.013	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	Hfpo Dimer Acid	0.038	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **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-LOC24B-060320	06/03/2020	320-61662-1	Perfluorobutanoic Acid	0.0063	UG/L	PQL		0.0020	J	537 Modified		3535_PFC

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	Hydro-PS Acid	0.14	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	Hydro-EVE Acid	0.0042	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	PMPA	0.071	UG/L	PQL		0.013	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	Hfpo Dimer Acid	0.24	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	R-PSDA	0.12	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	Hydrolyzed PSDA	0.64	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	R-PSDCA	0.0041	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	R-EVE	0.0032	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	PEPA	0.039	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	PS Acid	0.013	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	PFO2HxA	0.098	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	PFO3OA	0.034	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	PFO4DA	0.019	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	PFO5DA	0.026	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	PFMOAA	0.26	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC8-4-060520	06/05/2020	320-61659-2	NVHOS	0.025	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	PFO2HxA	0.0064	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	PFO2HxA	0.0071	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	PMPA	0.017	UG/L	PQL		0.013	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6B-060320	06/03/2020	320-61657-4	Hfpo Dimer Acid	0.0045	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	R-EVE	0.0036	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	PEPA	0.0020	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	R-PSDA	0.0076	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	Hydrolyzed PSDA	0.0024	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	PMPA	0.014	UG/L	PQL		0.013	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC6A-060320	06/03/2020	320-61657-3	Hfpo Dimer Acid	0.0067	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320-D	06/03/2020	320-61652-2	PFO2HxA	0.0074	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC24A-060320	06/03/2020	320-61652-1	PFO2HxA	0.0064	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	Hfpo Dimer Acid	0.87	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	NVHOS	0.10	UG/L	PQL		0.0037	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	R-PSDA	0.40	UG/L	PQL		0.018	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	Hydrolyzed PSDA	8.8	UG/L	PQL		0.0095	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	R-PSDCA	0.0050	UG/L	PQL		0.0043	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	R-EVE	0.019	UG/L	PQL		0.018	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	PEPA	0.020	UG/L	PQL		0.0039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	PS Acid	24	UG/L	PQL		0.0049	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	PFO2HxA	0.40	ug/L	PQL		0.0067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	PFO3OA	0.18	ug/L	PQL		0.0099	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	PFO4DA	0.069	ug/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	PFO5DA	0.050	ug/L	PQL		0.019	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	PFMOAA	1.8	ug/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	EVE Acid	0.19	UG/L	PQL		0.0043	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	Hydro-PS Acid	1.2	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC23A-4-060520	06/05/2020	320-61659-4	Hydro-EVE Acid	0.054	UG/L	PQL		0.0036	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	Hydro-PS Acid	0.034	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	Hydro-EVE Acid	0.0036	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	PFMOAA	0.11	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	PMPA	0.037	UG/L	PQL		0.013	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	Hfpo Dimer Acid	0.027	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	PFO2HxA	0.014	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	PFO3OA	0.0049	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	PFO4DA	0.0040	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	R-EVE	0.0034	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	PEPA	0.0048	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	PS Acid	0.086	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	R-PSDA	0.030	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	Hydrolyzed PSDA	0.64	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	Hfpo Dimer Acid	0.0022	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC22-4-060520	06/05/2020	320-61659-1	NVHOS	0.0076	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19B-060320	06/03/2020	320-61657-2	PFO2HxA	0.0027	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	PFO2HxA	0.010	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	PFO3OA	0.0034	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	PFO4DA	0.0025	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	R-EVE	0.011	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	PEPA	0.0096	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	R-PSDA	0.022	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Stormwater Sampling 6/20 **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	Hydrolyzed PSDA	0.017	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	Hfpo Dimer Acid	0.0036	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	PMPA	0.034	UG/L	PQL		0.013	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC19A-060320	06/03/2020	320-61657-1	Hfpo Dimer Acid	0.051	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
STW-LOC18-4-060520	06/05/2020	320-61659-3	PFO2HxA	0.0028	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep