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CHARACTERIZATION OF PFAS IN PROCESS AND NON-PROCESS WASTEWATER AND STORMWATER Paragraph 11(d) Ongoing Sampling Final Report: 2021 – 2022 Bimonthly Sampling

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ACRONYMS AND ABBREVIATIONS

| | |
|-----------------|--|
| DEQ | The North Carolina Department of Environmental Quality |
| DVM | Data Verification Module |
| EIM | Environmental Information Management |
| EPA 537M | Environmental Protection Agency Method 537 Mod |
| HDPE | high-density polyethylene |
| Hydrolyzed PSDA | 2-fluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro sulfoethoxy)propoxy]-acetic acid |
| HFPO-DA | hexafluoropropylene oxide dimer acid |
| IXM | ion exchange materials |
| NCCW | non-contact cooling water |
| ng/L | nanograms per liter |
| NTU | nephelometric turbidity unit |
| PFAS | per- and polyfluoroalkyl substances |
| PFCAs | perfluorocarboxylic acid |
| PFMOAA | 2,2-difluoro-2-(trifluoromethoxy) acetic 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 |
| SOP | Standard Operating Procedure |
| SWTS | Stormwater Treatment System |
| WWTP | Wastewater treatment plant |

EXECUTIVE SUMMARY

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

The objective of paragraph 11(d) (Ongoing Sampling) is to continue the characterization sampling of the constituents and concentrations of per- and polyfluoroalkyl substances (“PFAS”) in the raw water intake and in process wastewater, non-process wastewater, and stormwater at the Chemours Fayetteville Works, North Carolina site (the Facility). This is a continuation of the bimonthly sampling conducted under paragraph 11(c) of the Consent Order, which was the 18-month Initial Characterization of PFAS concentrations in the waters that are discharged through Outfall 002. At the culmination of the Initial Characterization period in December 2020, a final report summarized the findings of the paragraph 11(c) sampling events and provided recommendations for transitioning to paragraph 11(d) Ongoing Sampling (Geosyntec, 2020a). Paragraph 11(d) requires Chemours to continue bimonthly sampling for a minimum of two (2) years, which ended in December 2022. The objectives of this paragraph 11(d) final report are to summarize the findings from the sampling conducted under paragraphs 11(c) and 11(d), and to provide recommendations for future Ongoing Sampling conducted under paragraph 11(d), including modification to sampling locations and frequency, where appropriate.

Chemours submitted a PFAS Characterization Sampling Plan (the Sampling Plan; Geosyntec, 2019a) which identified sample locations and methods for bimonthly sample collection during the Initial Characterization period to represent the various water sources and flow types. For the Ongoing Sampling period, sampling was continued in accordance with the Sampling Plan. Samples were analyzed using EPA Method 537 Mod (EPA 537M) and Table 3+ Method. EPA 537M PFAS compounds are often associated with effluents from municipal wastewater treatment plants and firefighting foams, amongst other sources. Table 3+ PFAS compounds are often related to operations at the Facility.

The sample locations were grouped into eight location categories developed to facilitate analysis and interpretation of data collected during this program. The eight categories are the River Water Intake at Facility, Non-Chemours Process Wastewater, Non-Contact Cooling Water (NCCW), Stormwater, Stormwater/NCCW, Wastewater Treatment Plant (WWTP), Combined Flows to Outfall 002, and Chemours Process Wastewater.

The results of the Initial Characterization period and two-year Ongoing Sampling period were used to:

1. Evaluate where paragraph 11(d) sampling locations contain PFAS concentrations above the background concentrations observed at the intake river water at the Facility (Location 1) using statistical methods.

2. Compare the data collected during the Ongoing Sampling and Initial Characterization periods to evaluate if efforts to reduce PFAS at the Site (e.g., operation of the stormwater treatment system [SWTS] and decommissioning of the Terracotta pipe) are contributing to a reduction in PFAS concentrations and loads.
3. Develop recommendations for reducing the sampling frequency and modifying the sampling locations for future Ongoing Sampling under paragraph 11(d), where appropriate.

Summary of Findings

The data, observations, and analysis from the samples collected during the Initial Characterization and Ongoing Sampling periods indicate that:

- The river water intake, sourced from the Cape Fear River, is a background source of PFAS in water sampled at the Site.
- Table 3+ and EPA 537M PFAS in samples representing NCCW and non-Chemours process wastewater are either not statistically different or significantly less than river intake water, with the exception of one location representing Kuraray SentryGlas process wastewater (Location 23C-1), which is planned to be investigated further in 2023 Quarter 3.
- The non-background sources of Table 3+ PFAS to Outfall 002 are: (1) stormwater, present in both stormwater-only samples and in samples of stormwater mixed with NCCW, and (2) the WWTP effluent.
- Actions taken at the Facility to mitigate the non-background sources of PFAS to Outfall 002 (e.g., commissioning of the SWTS and decommissioning the Terracotta pipe) have resulted in reductions of concentrations and loads of Table 3+ and EPA 537M PFAS to Outfall 002.
- Sampling since July 2021 at the river water intake and Outfall 002 shows that the Site is not contributing to EPA 537M PFAS at Outfall 002 (these compounds are present at Outfall 002 from the Cape Fear River background).

Summary of Recommendations

Recommendations to the Ongoing Sampling program based on data collected throughout the paragraph 11 sampling program (April 2019 – December 2022) are summarized as follows:

- **Sample Locations:** Consolidate sampling to represent the five major flow pathways on Site along with Outfall 002 and the river water intake. Concentrations from locations within the major flow pathways are similar and are thus represented effectively by one or two locations per flow pathway. Certain additional locations, described in Section 6, are also

retained where concentrations have more variability or represent a potential source that is not represented in the major flow pathways.

- **Analyte List:** Analyze samples for Table 3+ compounds. Continue analyzing EPA 537M compounds at the river water intake (Location 1) and Outfall 002 (Location 20) to continue demonstrating EPA 537M compounds do not increase in concentration as water passes through the Site before discharge.
- **Frequency:** Sample on a semi-annual basis (i.e., one wet event and one dry event every six months). Based on sampling to date, an adequate dataset has been obtained for each currently active location to show that bimonthly samples are consistent from event to event and semi-annual sampling is appropriate.

Pursuant to paragraph 11(d), after completing two full years of Ongoing Sampling, Chemours requests to continue to characterize PFAS in the intake river water, select locations with non-Chemours process wastewater, non-process wastewater, and stormwater at the Facility on a semi-annual basis, with one wet event and one dry event being conducted every six (6) months. The proposed sampling locations for future sampling conducted under paragraph 11(d) are identified in Figure 7. Chemours will set up a meeting with DEQ to review the results of this final report and discuss the future duration of the paragraph 11 sampling program.

1. INTRODUCTION

This report was prepared by Geosyntec Consultants of NC, P.C. (Geosyntec) for The Chemours Company FC, LLC (Chemours) as a summary report for the two-year period of Ongoing Sampling of the 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 addresses bimonthly sampling conducted during 2021 and 2022 under paragraph 11(d) of the Consent Order amongst Chemours, the North Carolina Department of Environmental Quality (DEQ), and Cape Fear River Watch, entered into court on February 25, 2019.

This summary report includes the bimonthly sampling and quarterly reporting conducted under paragraph 11(c) of the Consent Order, which was an 18-month Initial Characterization of PFAS concentrations in the process wastewater, non-process wastewater, and stormwater at the Facility that is discharged through Outfall 002. At the culmination of the 18-month paragraph 11(c) Initial Characterization period in December 2020, a final report summarized the findings of the paragraph 11(c) sampling events and provided recommendations for transitioning to paragraph 11(d) Ongoing Sampling (Geosyntec, 2020a). Upon review of the final paragraph 11(c) report, DEQ requested via comment letter on June 10, 2022 that sampling continue in accordance with the Initial Characterization period for a minimum of twelve (12) sampling events prior to requesting modifications to the sampling program.

This paragraph 11(d) final report therefore summarizes the findings and recommendations from the paragraph 11(c) Initial Characterization period and the twelve (12) bimonthly sampling events conducted in 2021 and 2022 under paragraph 11(d) Ongoing Sampling. The remainder of this document is organized as follows:

- **Section 2 – Background:** this section describes the Facility, the conveyance network which transmits flow to Outfall 002, locations sampled and location categories, and recommendations from the paragraph 11(c) Initial Characterization period.
- **Section 3 – Ongoing Sampling Final Report Objectives:** this section describes the objectives of this report.
- **Section 4 – Paragraph 11(d) Methods and Scope:** this section describes the methods employed for sample collection and analysis for 2021 and 2022.
- **Section 5 – Assessment of Paragraph 11 Ongoing Sampling:** this section describes PFAS data observations in the investigative samples collected during the sampling program.
- **Section 6 – Proposed Paragraph 11(d) Sampling Plan Updates:** this section describes recommendations for future ongoing sampling activities conducted pursuant to paragraph 11(d) of the executed Consent Order.

- **Section 7 – Summary and Recommendations:** this section summarizes the observations of results from the ongoing sampling period and recommended changes to the sampling plan for any future ongoing sampling activities pursuant to paragraph 11(d) of the executed Consent Order.
- **Section 8 – References:** this section lists the documents referenced in the report.

2. BACKGROUND

This section provides a summary of previous paragraph 11(c) and 11(d) reports and data submittals. It also provides an overview of Facility water uses, the types of water present at the site, and how this water flows to the Facility’s discharge point at Outfall 002. Further, it describes how the locations sampled as part of paragraph 11(c) and paragraph 11(d) are grouped for interpretation and assesses the recommendations from the paragraph 11(c) final report.

2.1 Paragraph 11(c) and 11(d) Reporting Background

Chemours submitted the PFAS Characterization Sampling Plan (the Sampling Plan) to DEQ on May 6, 2019 (Geosyntec, 2019a) and received written approval to implement the program from DEQ on June 19, 2019. Quarterly reports for the Initial Characterization Period summarized the activities conducted during the previous quarter, reported observed trends in context to previous bimonthly sampling events, and provided recommendations to implement during subsequent quarters. In accordance with DEQ’s request in a June 10, 2022 letter, results associated with paragraph 11(d) sampling events in 2022 were submitted quarterly or as soon as complete data were available. A summary of the bimonthly sampling events and supplemental investigations included in past paragraph 11(c) and 11(d) reports and data submittals are provided in the References section (Geosyntec, 2019b, 2019c, 2020a, 2020b, 2020c, 2020d, 2021a, 2021b, 2022a, 2022b, 2023a, 2023b).

2.2 Site and Conveyance Network Background

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

- Chemours Monomers/Ion Exchange Materials (Monomers/IXM)
- Chemours Polymer Processing Aid (PPA) Area
- Kuraray Trosifol® Leased Area
- Kuraray SentryGlas® Leased Area
- DuPont Polyvinylfluoride Leased Area
- Wastewater treatment plant (WWTP)

- Power Area at the Facility (produces filtered water and demineralized water)

These various areas both use and discharge water which flows through the site conveyance network to Outfall 002. The site conveyance network waters are comprised of three (3) water types (process wastewater, non-process wastewater, and stormwater) and five (5) primary flow pathways (Monomers/IXM Conveyance Network, Wood Lined Trench, WWTP Discharge, Dupont Area Ditches, and Open Channel to Outfall 002) as they combine at Outfall 002.

2.2.1 Locations and Location Categories

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

| Location Category | Description |
|-----------------------------------|--|
| River Water Intake at Facility | Represents background PFAS concentrations in intake water |
| Non-Chemours Process Wastewater | Locations representing process wastewater from Kuraray and DuPont |
| Non-Contact Cooling Water (NCCW) | Locations representing NCCW from Kuraray and Chemours |
| Stormwater | Locations containing only stormwater from throughout the Facility |
| Stormwater / NCCW | Locations representing commingled stormwater and NCCW |
| Wastewater Treatment Plant (WWTP) | Locations representing the WWTP influent and effluent and the Terracotta pipe, which prior to November 2017 transmitted Chemours process wastewater to the WWTP and was fully decommissioned in April 2021 |
| Combined Flows to Outfall 002 | Locations representing stormwater, NCCW, and treated process wastewater effluents from the stormwater treatment system and WWTP in the combined flow pathways at the Facility in the Open Channel to Outfall 002 |
| Chemours Process Wastewater | Locations representing process wastewater from Monomers/IXM area, which are treated and reused onsite and do not flow to Outfall 002 |

2.3 Summary of Site Work to Mitigate PFAS Contributions to Outfall 002

The degree of PFAS contributions from the non-background sources identified during the Initial Characterization Period have been or are being mitigated through on-going actions, specifically:

- Continued use of the Thermal Oxidizer and other air emissions controls at the Facility reduces aerial emissions of PFAS. This mitigates future PFAS loading to surfaces and subsequently to stormwater;
- Sediment is removed annually from onsite conveyance channels. Removal of sediment mitigates the potential transfer of PFAS compounds from the sediment and soils to water in Outfall 002;

- The Terracotta pipe, which prior to November 2017 conveyed Chemours PFAS manufacturing process water, was fully decommissioned in April 2021, reducing PFAS contributions to the WWTP¹;
- Washing machine effluent from the PPA area was rerouted for offsite disposal in September 2021; and
- Pursuant to paragraph 4(a) of the Addendum to Consent Order Paragraph 12, a SWTS has been installed and was operational as of June 30, 2021. The SWTS treats stormwater flows from the Monomers/IXM Area, up to the 1-inch design storm. This is reducing PFAS contributions from the Monomers/IXM Area to Outfall 002. Influent and effluent stormwater is being monitored as a part of the SWTS Sampling Plan (Geosyntec, 2021c).

3. ONGOING SAMPLING FINAL REPORT OBJECTIVES

This final report summarizes the data from twelve (12) bimonthly Ongoing Sampling events collected in 2021 and 2022² to characterize PFAS in non-process wastewater, process wastewater, and stormwater at the Facility. The results support fulfilling the following objectives:

1. Evaluate where paragraph 11(d) sampling locations contain PFAS concentrations above the background concentrations observed at the intake river water at the Facility (Location 1) using statistical methods.
2. Evaluate if efforts to reduce PFAS at the Site (e.g., operation of the SWTS and decommissioning of the Terracotta pipe) are contributing to a reduction in PFAS concentrations.
3. Develop recommendations made for reducing the sampling frequency and modifying the sampling locations for future Ongoing Sampling under paragraph 11(d), where appropriate.

4. PARAGRAPH 11(D) METHODS AND SCOPE

This section describes the methods implemented for the Ongoing Sampling period including locations sampled, field methods implemented, and laboratory methods used.

This sampling was conducted as outlined in the Sampling Plan (Geosyntec, 2019a), with adjustments made based on recommendations in prior quarterly reports (Geosyntec 2019b, 2019c, 2020b, 2020c, 2020d). Upon review of recommendations from the Final Quarterly Report (Geosyntec, 2020a), DEQ requested sampling to continue in accordance with the Sampling Plan for a minimum of twelve (12) samples at active locations prior to requesting modifications to the

¹ Kuraray process wastewater lines to the WWTP were also reconfigured due to the decommissioning of the Terracotta pipe, eliminating some sampling locations from the Sampling Plan (Geosyntec, 2019a).

² Ongoing Sampling has continued on a bimonthly basis in 2023.

sampling program. Chemours continued sampling in accordance with this request; however, some changes were required due to ongoing site activities which eliminated several sample locations (Geosyntec, 2021b, 2022a). These changes are summarized in Section 4.1.

4.1 Sample Locations

Locations sampled are described in Table 1 and shown in Figures 2 and 3. Figures 2 and 3 display the sample locations prior to and after SWTS and Terracotta pipe activities described in Section 2.4.

Table 1 provides a summary of the sample locations collected during each event over the course of the Ongoing Sampling period. Samples could not be collected from some locations because they were dry during the sampling event or because recent site work prohibited sample collection or eliminated the sample locations. Additionally, some sample locations were added to characterize locations that were no longer accessible due to recent site work. A summary of the reasoning for samples that were excluded from or added to the sampling events for the Ongoing Sampling period are as follows:

- Locations 2, 3, 4, 5, 10, 11, 13, and 14 were not sampled during some sampling events (as noted in Table 1) because they were dry.
- Location 6A was not sampled after June 2021 because Kuraray ceased operations at this location due to re-routing of the Kuraray process wastewater lines after decommissioning of the Terracotta pipe. Water from this location is currently represented at Location 23C-3.
- Location 6B was not sampled during some sampling events (as noted in Table 1) because the system was offline at the time of sample collection.
- Location 16 was added back into the sampling program to represent Chemours process wastewater from the Monomers/IXM area, which is treated and reused onsite and does not flow to Outfall 002. Location 16 was sampled independent of other locations as described in Section 4.2.5.
- Locations 21A and Location 21B represent the two sediment basins on site. Sampling is only conducted from the active sediment pond. Location 21B was sampled beginning in September 2021 because Location 21A was no longer in use.
- Locations 23A (Terracotta pipe) and 23B (Kuraray laboratory process wastewater) were not sampled after the Terracotta pipe was decommissioned on April 21, 2021. The new sample location representing Location 23B is Location 23C-2.
- Locations 23C-1, 23C-2, and 23C-3 were added to the sampling program as they came into service after the decommissioning of the Terracotta pipe.
- Locations 24A, 24B, and 24C were not sampled after June 2021 because they are no longer accessible due to separation of stormwater and NCCW in the Monomers/IXM area. Combined waters from these locations are represented at Location 9A.

4.2 Field Methods

Field methods used during the Ongoing Sampling period were consistent with methods documented in previous semiannual reports (Geosyntec, 2021b, 2022a). The following subsections summarize these field methods.

4.2.1 General Field Methods

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

Field QA/QC samples, including blind field duplicates, equipment blanks, field blanks, and trip blanks were collected in general accordance with the Sampling Plan (Geosyntec, 2019a).

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

4.2.2 Grab Sampling Methods

Grab samples were collected from locations where temporal variability over the course of one day was not expected. These locations include non-process wastewater only locations (Locations 6A, 6B, 9A, 24A, 24B, and 24C); select process wastewater only locations (Locations 19A, 19B, and 23B); and the Sediment Basin North and South locations (Locations 21A and 21B), as identified in Table 1 and shown on Figures 2 and 3 for sample locations prior to and after the SWTS and Terracotta pipe activities, respectively.

4.2.3 Temporal Composite Sampling Methods

Temporal composite samples were collected during the bimonthly sampling events from locations where variability was expected to potentially be significant within a short time frame (e.g., one day). These locations, identified in Table 1 and shown on Figure 3, include those within the site conveyance network and the intake and outfall locations, since these locations can have highly variable dissolved and suspended constituent loads over short time periods. Temporal composite samples were collected using a dedicated Teledyne 6712C autosampler equipped with a rain gauge, high-density polyethylene (HDPE) tubing, silicon tubing, and an HDPE sample reservoir.

During dry sampling events, autosamplers integrated water over a four-hour sample collection period. During wet sampling events, the integration time on the autosamplers was set to correspond to the duration of the storm event.

4.2.4 Bimonthly Sampling Methods

Sampling events were conducted under wet weather conditions for locations that contained stormwater in 10 of the 12 bimonthly sampling events, as summarized below. In accordance with the PFAS Characterization Sampling Plan (Geosyntec, 2019a), locations that were not expected to contain stormwater were collected during dry weather after rainfall ended. During the bimonthly events that were conducted under dry weather conditions, the total number of sample locations were reduced due to some locations with stormwater not exhibiting flowing water. A detailed description of sample locations collected during each event is provided in Table 1.

Per DEQ's second comment letter on June 10, 2022, Chemours conducted supplementary stormwater sampling events in 2022 Quarters 3 and 4 to target locations containing stormwater to increase the sample size for all currently active locations to a minimum of 12 sampling events. These supplementary events are also summarized in the table below.

| Event Description | Wet Weather Sampling | | | Dry Weather Sampling | |
|--------------------------------|-------------------------|-------------------------|--|---|---|
| | Total Rainfall (inches) | Date(s) Sampled | No. of Sample Locations Collected During Wet Weather | Date(s) Sampled | No. of Sample Locations Collected After Rainfall Ended or under Dry Weather |
| February 2021 Bimonthly Event | 2.01 | February 18, 2021 | 18 | February 19, 2021 | 12 |
| April/May 2021 Bimonthly Event | - | - | - | April 26 and 29, 2021 and May 4 and 7, 2021 | 24 |
| June 2021 Bimonthly Event | - | - | - | June 18, 2021 | 21 |
| August 2021 Bimonthly Event | 0.75 | August 17, 2021 | 15 | August 23, 2021 | 11 |
| September 2021 Bimonthly Event | 1.92 | September 22, 2021 | 16 | September 23 and 24, 2021 | 11 |
| December 2021 Bimonthly Event | 1.08 | December 8, 2021 | 16 | December 9 and 10, 2021 | 11 |
| January 2022 Bimonthly Event | 1.41 | January 16 and 17, 2022 | 8 | January 19, 2022 | 14 |
| April 2022 Bimonthly Event | 0.93 | April 5, 2022 | 14 | April 6 and 13, 2022 | 13 |
| May 2022 Bimonthly Event | 0.24 | May 27, 2022 | 16 | May 31, 2022 | 10 |
| July 2022 Bimonthly Event | 0.76 | July 15, 2022 | 17 | July 18, 2022 | 10 |

| Event Description | Wet Weather Sampling | | | Dry Weather Sampling | |
|--|-------------------------|--------------------|--|------------------------|---|
| | Total Rainfall (inches) | Date(s) Sampled | No. of Sample Locations Collected During Wet Weather | Date(s) Sampled | No. of Sample Locations Collected After Rainfall Ended or under Dry Weather |
| August 2022 Supplementary Event | 0.43 | August 12, 2022 | 5 | - | - |
| September 2022 Bimonthly Event | 0.32 | September 11, 2022 | 17 | September 14, 2022 | 10 |
| September 2022 Supplementary Event | 2.66 | September 30, 2022 | 6 | - | - |
| November 2022 Supplementary Event | 1.40 | November 11, 2022 | 3 | - | - |
| November/December 2022 Bimonthly Event | 0.45 | November 30, 2022 | 17 | December 1 and 2, 2022 | 10 |
| December 2022 Supplementary Event | 0.89 | December 15, 2022 | 3 | - | - |

4.2.5 Chemours Process Wastewater Sampling Methods

Sample locations representing Chemours process wastewater were previously removed from the paragraph 11 sampling program because Chemours process wastewaters are not discharged to Outfall 002. Currently, Chemours process wastewaters from the Monomers/IXM area are combined, treated at the onsite process wastewater treatment system, and reused onsite.³ In a June 10, 2022 comment letter, DEQ requested a continuation of sampling of Chemours process wastewater from the Monomers/IXM area for a minimum of 12 samples, as the manufacturing area historically discharged through Outfall 002. Samples were collected up to twice a week after reinstating sampling at Location 16 to characterize process wastewaters from a variety of units and campaigns.

4.3 Laboratory Methods

Samples were analyzed for PFAS by the following methods:

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

³ Process wastewater treatment plant residuals are sent offsite for deep well disposal.

PFAS reported under each of these methods are listed in Table 2.

The Ongoing Sampling events were analyzed using the low-level Table 3+ SOP method, with minimum reporting limits range from 2 to 20 nanograms per liter (ng/L) for all sampling events except the April/May 2021 event. The April/May 2021 event was analyzed using the high-level Table 3+ SOP method, with higher minimum reporting limits ranging from 6.1 ng/L to 620 ng/L depending on the compound and sample. Elevated reporting limits may potentially result in some analytes being non-detect which would have otherwise been detected using the low-level Table 3+ SOP method.

In accordance with the paragraph 18 Response (Geosyntec, 2021d), perfluorocarboxylic acids (PFCAs) reported under EPA 537M may be a byproduct of Site manufacturing activities and therefore analysis of the 13 PFCAs was included in the August, September, and December 2021 events. Other EPA 537M PFAS, which are not site-related and are not frequently observed onsite above background Cape Fear River levels, were not included for these three (3) events, as reported in Geosyntec (2022a). A comment letter from DEQ on June 10, 2022, requested that Chemours continue to analyze all EPA 537M compounds. Chemours has subsequently analyzed all EPA 537M compounds, and not just the 13 PFCAs, for the samples collected in 2022.

Laboratory analyses were performed largely in accordance with the Sampling Plan (Geosyntec, 2019a) and within the guidelines specified by the laboratory SOPs. The collection frequency of field duplicates, matrix spike / matrix spike duplicates, trip blanks, and equipment blanks was largely in accordance with the Sampling Plan (Geosyntec, 2019a).

All data were reviewed using the Data Verification Module (DVM) within the Locus Environmental Information Management (EIM) system, which is a commercial software program used to manage data. Following the DVM process, a manual review of the data was conducted. The data usability, in view of the project's data quality objectives, was assessed and the data were entered into the EIM system.

5. ASSESSMENT OF PARAGRAPH 11 SAMPLING PROGRAM

This section presents an assessment of the key observations during the Initial Characterization period and the two (2) years of Ongoing Sampling. Observations in this section are based on total Table 3+ concentrations and total EPA 537M concentrations. For clarity, the text and figures of this report describe the Table 3+ 17 compound sums while both Table 3+ 17 compound and Table 3+ 20 compound sums are included in the tables.⁴

⁴ As reported in the *Matrix Interference During Analysis of Table 3+ Compounds* memorandum (Geosyntec, 2020e), matrix interference studies conducted by the analytical laboratory (TestAmerica, Sacramento) have shown that the quantitation of three compounds (R-PSDA, Hydrolyzed PSDA, and R-EVE) is inaccurate due to interferences by the sample matrix in both groundwater and surface water. Given the matrix interference issues, Total Table 3+ PFAS concentrations are calculated and presented two ways in this report: (i) summing over 17 of the 20 Table 3+

5.1 Results

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

- Figures 4A – 4F present time series plots for total Table 3+ concentrations. Each time series plot displays the total Table 3+ concentrations observed during each event of the Ongoing Sampling period at the river water intake (Location 1) and at other locations as grouped by sample location type described in Section 2.2 (e.g., Stormwater, NCCW, etc.).
- Figures 5A and 5B display the distribution of total Table 3+ and total EPA 537M concentrations by location for all sampling locations, respectively. Samples collected prior to January 2021 are displayed in gray to provide comparison between the Ongoing Sampling period and the Initial Characterization period.
- Figures 6A and 6B display HFPO-DA⁵ concentrations and mass loadings at Outfall 002 from March 2020 to December 2022, respectively.
- Table 3 provides the total daily precipitation within the vicinity of the Facility and the flow measured at Outfall 002 at the times of sampling events discussed in this report.
- Table 4 presents summary statistics for HFPO-DA, PFMOAA⁶, and PMPA⁷ concentrations for locations that reach Outfall 002 during the Ongoing Sampling Period.
- Table 5 presents summary statistics for total Table 3+ concentrations and total EPA 537M concentrations for locations that reach Outfall 002 during the Ongoing Sampling Period.
- Table 6 presents results from the Wilcoxon Rank Sum test evaluation.
- Appendix A presents a complete summary of the PFAS concentrations in the samples collected during the Ongoing Sampling period.
- Appendix B presents field parameters recorded during the Ongoing Sampling period bimonthly sampling events.
- Appendix C presents analytical reports and the data review narrative whitebooks.
- Appendix D presents field forms collected during the Ongoing Sampling period bimonthly sampling events.

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

compounds “Total Table 3+ (17 compounds)”, i.e., excluding results of R-PSDA, Hydrolyzed PSDA, and R-EVE, and (ii) summing over 20 of the Table 3+ compounds “Total Table 3+ (20 compounds)”.

⁵ HFPO-DA - hexafluoropropylene oxide dimer acid

⁶ PFMOAA - 2,2-difluoro-2-(trifluoromethoxy) acetic acid

⁷ PMPA - perfluoromethoxypropyl carboxylic acid

The analytical reporting limits associated with the bimonthly event data were set by the laboratories. Appendix A lists the minimum reporting limits for non-detected analytes.

5.2 Statistical Assessment

The data set collected for each location throughout the paragraph 11 sampling program was compared to background concentrations of the River Intake Water data set using the Wilcoxon Rank Sum test. The Wilcoxon Rank Sum test is a non-parametric test used to evaluate whether the distributions of total EPA 537M PFAS and/or total Table 3+ PFAS concentrations at each location were statistically different than those at the intake river water at the Facility (Location 1). The Wilcoxon Rank Sum test is appropriate for small sample sizes that are not normally distributed. The tests were conducted at the 5% level of significance, i.e., $\alpha = 0.05$. Therefore, a p-value result greater than 0.05 indicates the subject location concentration distribution was not significantly different from the distribution at Location 1, i.e., is not adding PFAS significantly above background concentrations. A p-value result less than 0.05 indicates the subject location concentration distribution was significantly higher (positive result statistic) or lower (negative result statistic) than the distribution collected from Location 1. For example, a positive result statistic and a p-value less than 0.05 indicate that the location is contributing PFAS above median background concentrations.

Table 6 presents results from the non-parametric Wilcoxon Rank Sum test evaluation for total Table 3+ and total EPA 537M concentrations in for concentrations observed in the investigative samples collected over the paragraph 11 sampling program, including the initial characterization period. If the findings from this larger data set varied from the findings in the initial characterization period, additional statistical analyses were performed to identify what was driving the revised conclusions. The results of the statistical assessment are described on a location category basis in the next sub-section, in context with findings from the Initial Characterization period, and are focused on currently active locations.

5.3 Conveyance Network Observations

This section summarizes the data, observations, and analysis from the samples collected during the Initial Characterization and Ongoing Sampling periods.

Summary of Observations

The following conclusions can be drawn based on the samples collected during the Initial Characterization and Ongoing Sampling periods:

- Samples collected from the river water intake at the facility (Location 1) continue to contain PFAS before this water is used at the Facility. PFAS detected at Location 1 represent the background level of PFAS at other sampling locations that source water from the Cape Fear River.

- Across the site, EPA 537M PFAS were either not statistically different or statistically lower than intake river water data, with the exception of select locations containing stormwater from Monomers/IXM (Locations 9, 10A, 15, and 20) and Kuraray SentryGlas process wastewater (Location 23C-1). Once the SWTS was operational, the EPA 537M PFAS at Locations 9, 10A, 15, and 20 were no longer statistically different from Location 1, provided there was no bypass of the SWTS. This suggests untreated stormwater from Monomers/IXM was the source of increased EPA 537M concentrations at these locations prior to operation of the SWTS.
- Table 3+ PFAS in NCCW-only locations and non-Chemours process wastewater locations are similar to background concentrations observed at the intake river water and are either not statistically different or significantly lower, with the exception of one active location (23C-1) which represents minimal flows from Kuraray SentryGlas process wastewater that may be influenced by stormwater.
- Table 3+ PFAS were statistically higher for locations which either contained stormwater or water related to the WWTP effluent. After commissioning of the SWTS, Table 3+ concentrations in locations that formerly received untreated stormwater from Monomers/IXM were still higher than background concentrations observed at the river water intake, but median concentrations, maximum concentrations, and overall variability in the post-SWTS period were lowered.
- Prior to the commissioning of the SWTS, locations containing stormwater from the Monomers/IXM area had higher concentrations of Table 3+ PFAS during both wet and dry weather compared to other stormwater-NCCW locations which decrease during dry periods. The SWTS was commissioned on June 30, 2021 and recent data indicates the SWTS reduces PFAS concentrations at downstream locations, including Outfall 002.
- Decommissioning of the Terracotta pipe and other actions taken onsite (see Section 2.3) to reduce influent and effluent concentrations to the WWTP resulted in a significant decrease of Table 3+ and EPA 537M WWTP effluent concentrations after April 2021 compared to previous samples (p-value < 0.1).

A summary of the statistical outcome for each location category and analytical method is provided in the table below.

| Location Category | EPA 537M PFAS Statistical Assessment Outcome | Table 3+ PFAS Statistical Assessment Outcome |
|----------------------------------|--|--|
| Non-Chemours Process Wastewater | Not Different or Lower than Intake* | Not Different or Lower than Intake* |
| Non-Contact Cooling Water (NCCW) | Not Different than Intake | Not Different than Intake |
| Stormwater | Not Different or Lower than Intake | Greater than Intake |
| Stormwater-NCCW | Some Greater than Intake prior to SWTS | Greater than Intake |

| Location Category | EPA 537M PFAS Statistical Assessment Outcome | Table 3+ PFAS Statistical Assessment Outcome |
|-------------------------------|--|--|
| Wastewater Treatment Plant | Not Different than Intake | Greater than Intake |
| Combined Flows to Outfall 002 | Some Greater than Intake prior to SWTS | Greater than Intake |
| Chemours Process Wastewater | Greater than Intake | Greater than Intake |

* Location 23C-1 concentrations are consistently higher than concentrations at Location 1. Flows from Location 23C-1 are minimal and pumped for treatment at the WWTP prior to discharge. Additional investigations are planned to identify the source of PFAS to Location 23C-1 in 2023 Quarter 3.

The results from the paragraph 11 sampling program are described on a location category basis in the sub-sections below. Discussion is focused on currently active locations.

5.3.1 Intake River Water

Total Table 3+ and EPA 537M concentrations at Location 1 were relatively consistent over the Ongoing Sampling period and the range of concentrations was similar to the range of concentrations observed in the Initial Characterization period (Figures 4A – 4G, 5A – 5B). The samples collected at Location 1 were considered to represent the background concentration of PFAS at the facility. Detected PFAS at Location 1 were generally observed in other facility locations that derive water from the river intake.

5.3.2 Non-Chemours Process Wastewater and NCCW Locations

Figures 4A and 4B represent time series plots of total Table 3+ data collected from non-Chemours process wastewater and NCCW locations; respectively. Samples collected from most non-Chemours process wastewater locations (Locations 18, 19A, 19B, 23C-2, and 23C-3) and NCCW only locations (Locations 6B and 9A) have consistently exhibited low Table 3+ and EPA 537M PFAS concentrations; concentrations are either not different than or significantly less than those observed at the river water intake at the Facility (Figure 4A, Figure 4B, Figure 5A, Figure 5B, Table 6).

An exception to these observations is Location 23C-1, where the total Table 3+ and EPA 537M concentrations are higher than Location 1 (Figure 4A, Table 6). Location 23C-1 is a sump that collects Kuraray SentryGlas process wastewater prior to being pumped to the WWTP for treatment. Samples collected at Location 23C-1 during the December 2021, May 2022, and September 2022 events exhibited elevated PS Acid and Hydrolyzed PSDA concentrations, resulting in total Table 3+ concentrations one to two orders of magnitude above the river intake (Appendix A). Elevated EPA 537M concentrations at Location 23C-1 compared to the river intake are a result of elevated perfluorobutanoic acid and perfluorooctanoic acid (Appendix A). Kuraray does not manufacture products that use or generate fluorinated compounds and the overall volume of water generated and sent to the WWTP for treatment is small (less than 1% of the monthly

volume to the WWTP and less than 0.02% of the monthly volume discharged at Outfall 002). Stormwater from nearby impervious areas may be entering the sump and contributing to elevated PFAS concentrations; this will be assessed in the further stormwater investigation described in Section 5.3.3. Despite this, due to low flow volumes from the sump, the overall impact of these elevated concentrations on Outfall 002 are minimal with respect to the WWTP discharge. The concentrations observed downstream at the WWTP influent (Location 22) and WWTP effluent (Location 8) during the sampling events when elevated Location 23C-1 concentrations were observed remain consistent with other concentrations at the WWTP during the Ongoing Sampling period (Figure 4E). Sampling at this location should continue for total Table 3+ concentrations until after the PPA investigation is complete and reported.

5.3.3 Stormwater Locations

Figure 4C represents total Table 3+ data collected during the Ongoing Sampling period for stormwater-only locations.

Stormwater-only locations represent stormwater from the PPA Area (Locations 2, 3, 4, and 5), the Monomers/IXM area (Location 10; currently downstream of the SWTS sump in front of this location and therefore no longer containing active flow unless there is stormwater bypass), and the decommissioned Chemours Teflon area, now near DuPont operations (Location 11). Samples collected from stormwater-only locations continue to show statistically higher Table 3+ PFAS concentrations compared to the river water intake at the Facility (Location 1), with the highest concentrations represented at Locations 3 and 11 (Figure 4C), neither of which are in the capture catchment of the Monomers/IXM SWTS. High concentrations at Location 3 were typically associated with samples with turbidity exceeding 75 nephelometric turbidity units (NTUs) (Appendix B), indicating resuspension of sediment in the ditches surrounding PPA may be contributing to elevated Table 3+ concentrations. However, visual observations during storm events have indicated stormwater in this area is ponding and may not flow towards Outfall 002. An additional investigation into stormwater, potential sediment leaching of PFAS, and hydraulic connectivity to Outfall 002 in the PPA area, as well as potential stormwater sources to the Kuraray SentryGlas process wastewater sump (Location 23C-1), is planned for the second half of 2023.

5.3.4 Stormwater-NCCW Locations

Data from the Initial Characterization and Ongoing Sampling periods indicate that the SWTS is reducing PFAS concentrations in locations that formerly included stormwater from the Monomers/IXM area.

As of June 30, 2021, stormwater from the Monomers/IXM area is being collected and treated per Consent Order Addendum paragraph 4(a). To evaluate the impact of the SWTS on PFAS concentrations at downstream locations that formerly comprised untreated stormwater from Monomers/IXM, the data for Locations 9, 10, 10A, and 15 were separated into two datasets: 1)

Prior to commissioning of the SWTS and days with SWTS bypass and 2) Post-commissioning of the SWTS, provided there was no SWTS bypass. Summary statistics are provided below.

A statistical analysis comparing the post SWTS dataset to Location 1 indicates that EPA 537M PFAS at downstream locations were not significantly different from the background EPA 537M PFAS at the river intake after commissioning of the SWTS (p-value > 0.05). This suggests untreated stormwater from Monomers/IXM was the source of increased EPA 537M concentrations at these locations prior to operation of the SWTS, and under current site conditions, the Site is not a significant contributor of EPA 537M PFAS to Outfall 002.

| SWTS Condition | Parameter | Table 3+ (17 Compounds) | | | | EPA Method 537 Mod Compounds | | | |
|--|--------------|-------------------------|-------|--------|--------|------------------------------|------|--------|------|
| | | No. of Samples | Min. | Median | Max. | No. of Samples | Min. | Median | Max. |
| Prior to Stormwater Treatment System (SWTS) + Days with Bypass | Location 1 | 15 | 20 | 67 | 590 | 15 | 3 | 53 | 190 |
| | Location 9 | 14 | 110 | 430 | 40,000 | 14 | 41 | 65 | 550 |
| | Location 10 | 3 | 9,800 | 23,000 | 76,000 | 3 | 97 | 130 | 420 |
| | Location 10A | 7 | 250 | 2,200 | 28,000 | 7 | 48 | 100 | 430 |
| | Location 15 | 16 | 140 | 450 | 26,000 | 16 | 38 | 79 | 390 |
| After SWTS (No Bypass) | Location 1 | 12 | 15 | 53 | 200 | 12 | 29 | 53 | 110 |
| | Location 9 | 8 | 110 | 410 | 4,500 | 8 | 39 | 83 | 110 |
| | Location 10 | 3 | 90 | 990 | 2,200 | 3 | 65 | 67 | 79 |
| | Location 10A | 8 | 70 | 350 | 4,800 | 8 | 40 | 82 | 120 |
| | Location 15 | 8 | 160 | 450 | 3,500 | 8 | 39 | 64 | 120 |

Acronyms

Min.: minimum

Max.: maximum

No.: number

Summary statistics (Tables 4 and 5) and distributions of concentrations (Figures 5A and 5B) indicate Locations 12 and 14, which represent combined stormwater-NCCW in the DuPont area, have similar concentrations. An additional statistical analysis comparing the distribution of concentrations observed at Location 14 to concentrations observed at Location 12 indicates the two locations are not statistically different for total Table 3+ (p-value = 0.083) or EPA 537M PFAS concentrations (p-value = 0.965).

5.3.5 Wastewater Treatment Plant Locations

Data from the Initial Characterization and Ongoing Sampling periods indicate site activities undertaken to reduce PFAS loads to the WWTP have been effective.

Location 22 (the WWTP influent) and Location 8 (the WWTP effluent) have often had elevated Table 3+ PFAS compared to Location 1, including during the Ongoing Sampling period (Figure 4E). The WWTP has received flows containing elevated Table 3+ PFAS from a combination of sources described in the *WWTP Table 3+ PFAS Loading Assessment* (Geosyntec, 2021f). In

accordance with recommendations from Geosyntec (2021f), site work was conducted during the Ongoing Sampling period to reduce PFAS contributions to the WWTP, including decommissioning of the Terracotta pipe (completed April 2021 and eliminating Location 23B) and rerouting of the PPA washing machines (completed September 2021).

A statistical evaluation comparing data collected prior to and after April 2021 indicated that influent concentrations to the WWTP at Location 22 were significantly lower after the Terracotta pipe was decommissioned for EPA 537M compounds (p-value = 0.013). Effluent concentrations from the WWTP after the Terracotta pipe was decommissioned were significantly lower for both Table 3+ and EPA 537M compounds (p-value = 0.008 and 0.068, respectively).

5.3.6 Combined Flows to Outfall 002

Data from the Initial Characterization and Ongoing Sampling periods indicate that non-background sources of PFAS (i.e., stormwater and WWTP effluent) to locations along the Open Channel to Outfall 002 are being mitigated by Facility actions to reduce sources of Table 3+ PFAS to Outfall 002, including operation of the SWTS and decommissioning of the Terracotta pipe. Further, that data show that under current site conditions, EPA 537M concentrations at Outfall 002 (Location 20) are not statistically different than background sources at the river water intake (Location 1).

Figure 4F presents a time series of total Table 3+ data collected during the Ongoing Sampling period from the locations representing the combined flows to Outfall 002 (Locations 7B, 7C, and 20). These locations contain Table 3+ PFAS from upstream sources including combinations of WWTP effluent, NCCW, and stormwater. Locations representing the combined flows to Outfall 002 have Table 3+ PFAS concentrations that are two orders of magnitude greater than the intake river water (Table 6). The increases over intake river water concentrations are interpreted to originate from both stormwater and WWTP effluent. First, the highest total Table 3+ concentrations at these locations have been measured during wet weather, indicating there are stormwater contributions. Second, Location 7A upstream of the WWTP effluent is routinely lower in concentration than Location 7B downstream of the WWTP effluent (Figure 4F). These findings resulted in the undertaking of Site actions described in Section 2.3.

With the commissioning of the SWTS on June 30, 2021, downstream Locations 7C and 20 that formerly received stormwater from Monomers/IXM were expected to exhibit lower PFAS concentrations. To evaluate the impact of the SWTS on PFAS concentrations at these downstream locations, the data for Locations 7C and 20 were subsequently separated into two datasets: 1) Prior to commissioning of the SWTS and days with SWTS bypass and 2) Post-commissioning of the SWTS, provided there was no SWTS bypass. Summary statistics are provided below.

| SWTS Condition | Parameter | Table 3+ (17 Compounds) | | | | EPA Method 537 Mod Compounds | | | |
|--|-------------|-------------------------|------|--------|--------|------------------------------|------|--------|------|
| | | No. of Samples | Min. | Median | Max. | No. of Samples | Min. | Median | Max. |
| Prior to Stormwater Treatment System (SWTS) + Days with Bypass | Location 1 | 15 | 20 | 67 | 590 | 15 | 3 | 53 | 190 |
| | Location 7C | 8 | 120 | 2,300 | 13,000 | 8 | 43 | 59 | 110 |
| | Location 20 | 15 | 120 | 210 | 9,400 | 15 | 35 | 60 | 190 |
| After SWTS (No Bypass) | Location 1 | 12 | 15 | 53 | 200 | 12 | 29 | 53 | 110 |
| | Location 7C | 8 | 180 | 400 | 3,900 | 8 | 44 | 59 | 100 |
| | Location 20 | 8 | 140 | 410 | 3,200 | 8 | 41 | 64 | 100 |

Acronyms

Min.: minimum

Max.: maximum

No.: number

A comparison of the median and maximum concentrations from the prior and post SWTS datasets confirm operation of the SWTS has led to lower Table 3+ concentrations with less variability at locations that formerly included untreated stormwater from the Monomers/IXM area. This is further exhibited in Figures 6A and 6B, which respectively represent the HFPO-DA concentrations and mass loadings measured at Outfall 002 under the HFPO-DA sampling program from March 2020 to December 2022. After the SWTS was operational in July 2021, both magnitude and variability in concentrations and loads are reduced. Higher concentrations and loads that are observed after SWTS commissioning are generally associated with days where there were back-to-back precipitation events greater than one inch and subsequently stormwater bypass from Monomers/IXM (e.g., July 8, 2022; Figure 6B, Table 3).

In the data collected after the commissioning of the SWTS, a supplementary statistical analysis indicated that EPA 537M PFAS concentrations at Outfall 002 (Location 20) are not statistically different from background concentrations at the river water intake (Location 1) (p-value = 0.463). This shows that increases in EPA 537M PFAS at Location 20 observed during the paragraph 11 sampling program (Tables 5 and 6, Appendix A) were likely associated with stormwater, and the SWTS is effectively mitigating non-background sources of EPA 537M to Outfall 002.

Additional analyses were also completed to better understand the potential source of increased EPA 537M compounds at Location 20 when they were observed prior to commissioning of the SWTS. A comparison of Location 20 data to background data at the river intake indicated that increases in EPA 537M compounds are associated with PFCAs in very low amounts (p-value = 0.073) as opposed to other 537 compounds (p-value = 0.596). This is consistent with paragraph 18 findings that PFCAs reported under EPA 537M may be a byproduct of Site manufacturing activities (Geosyntec, 2021d). Other EPA 537M PFAS are typically not site-related and are not frequently observed onsite above background levels. Combined with the findings from the post-SWTS EPA 537M analysis, these data continue to support that under current site operations, the site is not contributing EPA 537M PFAS to Outfall 002 compared to background sources.

5.3.7 Chemours Process Wastewater

Monomers/IXM process wastewaters are combined prior to treatment and sampled at Location 16.⁸ Process wastewater is treated and reused onsite and does not flow to Outfall 002. As expected, Chemours process wastewaters prior to treatment are elevated compared to the river intake. The process wastewater treatment system effectively removes PFAS compounds for reuse within plant operations and is not a source of PFAS to Outfall 002.

6. PARAGRAPH 11(D) SAMPLING PLAN UPDATES

Based on the findings in Section 5, several revisions are recommended to the Sampling Plan for the Ongoing Sampling program pursuant to paragraph 11(d). These recommendations fall into three categories:

- **Sample Locations:** Consolidate sampling to represent the five major flow pathways on Site along with Outfall 002 and the river water intake. Concentrations from locations within the major flow pathways are similar and are thus represented effectively by one or two locations per flow pathway. Certain additional locations, described below, are also retained where concentrations have more variability or represent a potential source that is not represented in the major flow pathways.
- **Analyte List:** Analyze samples for Table 3+ compounds. Continue analyzing EPA 537M compounds at the river water intake (Location 1) and Outfall 002 (Location 20) to continue demonstrating EPA 537M compounds do not increase in concentration as water passes through the Site before discharge.
- **Frequency:** Sample on a semi-annual basis (i.e., one wet event and one dry event every six months). Based on sampling to date, an adequate dataset has been obtained for each currently active location and to show that bimonthly samples are consistent from event to event and semi-annual sampling is appropriate.

Details of the recommendations for the proposed Sampling Plan revisions are provided in the table below. The proposed sample locations for Ongoing Sampling conducted under paragraph 11(d) are provided in Figure 7.

⁸ Chemours installed a process wastewater treatment system after completing the initial characterization under paragraph 11(c). One process wastewater stream, which was part of the initial characterization, has now been diverted away from the common sampling location because its methanol content is not suitable for reuse in plant operations.

| Sample Recommendation Category | Recommendation |
|--------------------------------|--|
| Sample Locations | <p><u>Background Sources</u> River Water Intake at Facility: Location 1</p> <p><u>Locations Representing Major Flow Pathways on Site</u> Monomers/IXM Conveyance Network: Locations 9A and 15 Wood Lined Trench: Location 7A Wastewater Treatment Plant (WWTP) Discharge: Location 8 DuPont Area Ditches: Locations 12 and 13 Open Channel to Outfall 002: Locations 7B, 7C, and 20</p> <p><u>Locations of Particular Interest</u> Polymer Processing Aid (PPA) Area Stormwater: Locations 2, 3, 4, and 5 WWTP Influent: Location 22 Kuraray SentryGlas Process Wastewater: Location 23C-1</p> |
| Analyte List | <p><u>Table 3+ PFAS</u> Sample locations listed above</p> <p><u>EPA 537M</u> River Water Intake (Location 1) and Outfall 002 (Location 2)</p> |
| Frequency | Sample one wet event and one dry event on a semi-annual basis (i.e., every six months). |

7. SUMMARY AND RECOMMENDATIONS

Pursuant to Consent Order paragraph 11(d), this final report summarizes results and observations from the twelve (12) bimonthly sampling events collected during the Ongoing Sampling period, as well as general observations from the paragraph 11 sampling program.

The data, observations, and analysis from the samples collected during the Initial Characterization and Ongoing Sampling periods support the following conclusions:

- The river water intake, sourced from the Cape Fear River, is a background source of PFAS in water sampled at the Site.
- Table 3+ and EPA 537M PFAS in samples representing NCCW and non-Chemours process wastewater are either not statistically different or significantly less than river intake water, with the exception of one location representing Kuraray SentryGlas process wastewater (Location 23C-1), which is planned to be investigated further.
- The non-background sources of Table 3+ PFAS to Outfall 002 are: (1) Stormwater, present in both stormwater-only samples and in samples of stormwater mixed with NCCW, and (2) the WWTP effluent.
- Actions taken at the Facility to mitigate the non-background sources of PFAS to Outfall 002 (e.g., commissioning of a SWTS and decommissioning the Terracotta pipe) have resulted in reductions of PFAS concentrations and loads to Outfall 002. Specifically:

- After commissioning of the SWTS on June 30, 2021, reduced PFAS concentrations are observed at downstream sampling locations, including Outfall 002 (Location 20).
- Stormwater from the Monomers/IXM area was a source of increased EPA 537M PFAS at select locations (Locations 9, 10A, 15, and 20) containing stormwater prior to operation of the SWTS. After commissioning of the SWTS, the EPA 537M PFAS at these locations were no longer statistically different from Location 1, provided there was no bypass of the SWTS.
- Decommissioning of the Terracotta pipe in April 2021 has resulted in a statistically significant decrease (p -value < 0.1) of Table 3+ and EPA 537M concentrations in the WWTP effluent (Location 8) when comparing samples collected after April 2021 to samples collected prior to April 2021.
- Sampling since July 2021 at the river water intake and Outfall 002 shows that the Site is not contributing to EPA 537M PFAS at Outfall 002 (these compounds are present at Outfall 002 from the Cape Fear River background).

Recommendations to the Ongoing Sampling program based on data collected throughout the paragraph 11 sampling program (April 2019 – December 2022) are summarized based on current site conditions as follows:

- **Sample Locations:** Consolidate sampling to represent background sources in the Cape Fear River, locations representing the five major flow pathways on Site, and locations of particular interest where ongoing sampling is beneficial (see Figure 7).
- **Analyte List:** Analyze samples for Table 3+ compounds. Continue analyzing EPA 537M compounds at the river water intake (Location 1) and Outfall 002 (Location 20).
- **Frequency:** Sample one wet event and one dry event on a semi-annual basis (i.e., every six months). Based on sampling to date, an adequate dataset has been obtained for each currently active location to show that bimonthly samples are consistent from event to event and semi-annual sampling is appropriate.

Pursuant to paragraph 11(d), after completing two full years of Ongoing Sampling, Chemours requests to continue to characterize PFAS in the intake river water, non-Chemours process wastewater, non-process wastewater, and stormwater at the Facility on a semi-annual basis (i.e., one wet event and one dry event every six months). The proposed sampling locations for future sampling conducted under paragraph 11(d) are identified in Figure 7. Chemours will set up a meeting with DEQ to review the results of this final report and discuss the future duration of the paragraph 11 sampling program.

8. REFERENCES

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Tables

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

| Sample Category | Sample Location ID | Sample Location Description | Sampling Method | Sample Included in May 2019 PFAS Characterization Plan | Currently Active Location?¹ | Total Number of Sample Events² | Sample Collected | | | | | | | | | | | | | | | |
|---------------------------------|--------------------|---|---------------------------|--|-----------------------------|--------------------------------|------------------|-----------------|-----------|-------------|----------------|---------------|--------------|------------|----------|-----------|------------------|----------------|---------------------|--------------------|-------------------------|--------------------|
| | | | | | | | 2021 | | | | | | 2022 | | | | | | | | | |
| | | | | | | | February (Q1) | April/May³ (Q2) | June (Q2) | August (Q3) | September (Q3) | December (Q4) | January (Q1) | April (Q2) | May (Q2) | July (Q3) | August Mini (Q3) | September (Q3) | September Mini (Q3) | November Mini (Q4) | November/December (Q4)⁴ | December Mini (Q4) |
| Intake River Water at Facility | 1 | Discharge point of excess river water (i.e., water drawn from the Cape Fear River, but not used as process water or NCCW) to characterize background levels of PFAS | Temporal Composite | ✓ | ✓ | 27 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| Non-Chemours Process Wastewater | 18 | Kuraray process wastewater | Temporal Composite | ✓ | ✓ | 23 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| | 19A | DuPont process wastewater, Plant 1 | Grab | ✓ | ✓ | 23 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| | 19B | DuPont process wastewater, Plant 2 | Grab | ✓ | ✓ | 23 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| | 23B | Kuraray laboratory process wastewater (prior to decommissioning of Terracotta pipe) | Grab | | | 10 | YES | NS⁵ | NS⁵ | NS⁵ | NS⁵ | NS⁵ | NS⁵ | NS⁵ | NS⁵ | NS⁵ | NS⁵ | NS⁵ | NS⁵ | NS⁵ | NS⁵ | NS⁵ |
| | 23C-1 | Kuraray SentryGlas process wastewater (at sump after decommissioning of Terracotta pipe) | Grab/Temporal Composite⁶ | | ✓ | 10 | NS⁷ | YES | NS⁸ | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| | 23C-2 | Kuraray laboratory process wastewater (at sump after decommissioning of Terracotta pipe) | Grab/Temporal Composite¹⁰ | | ✓ | 12 | NS⁷ | YES | YES | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| NCCW | 23C-3 | Kuraray Trosifol process wastewater (at sump after decommissioning of Terracotta pipe) | Temporal Composite | | ✓ | 10 | NS⁷ | NS⁷ | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ | |
| | 6A | Kuraray southern leased area NCCW discharge - Vacuum Condenser | Grab | ✓ | ✓ | 14 | YES | YES | YES | NS¹¹ | NS¹¹ | NS¹¹ | NS¹¹ | NS¹¹ | NS¹¹ | NS¹¹ | NS¹¹ | NS¹¹ | NS¹¹ | NS¹¹ | NS¹¹ | NS¹¹ |
| | 6B | Kuraray southern leased area NCCW discharge - Resins Area | Grab | ✓ | ✓ | 21 | YES | YES | NS¹² | YES | YES | YES | NS¹² | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| | 9A | Combined Chemours Monomers IXM NCCW | Grab | | ✓ | 9 | NS¹³ | NS¹³ | NS¹³ | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| | 24A | Chemours Monomers IXM Vinyl Ethers South NCCW | Grab | ✓ | ✓ | 13 | YES | YES | YES | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ |
| | 24B | Chemours Monomers IXM Line 3 and Line 4 Extruder NCCW | Grab | ✓ | ✓ | 13 | YES | YES | YES | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ |
| Stormwater | 24C | Chemours Monomers IXM Water Return Header NCCW | Grab | ✓ | ✓ | 13 | YES | YES | YES | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ | NS¹⁴ |
| | 2 | Kuraray northern leased area stormwater discharge | Temporal Composite | ✓ | ✓ | 12 | YES | DRY | DRY | YES | YES | YES | DRY | YES | YES | YES | NS⁹ | YES | YES | NS⁹ | YES | NS⁹ |
| | 3 | Chemours PPA area stormwater discharge | Temporal Composite | ✓ | ✓ | 13 | YES | DRY | DRY | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | YES | NS⁹ | YES | NS⁹ |
| | 4 | Combined stormwater discharge from Kuraray northern leased area and Chemours PPA area | Temporal Composite | ✓ | ✓ | 13 | YES | DRY | DRY | YES | YES | YES | DRY | YES | YES | YES | NS⁹ | YES | YES | NS⁹ | YES | NS⁹ |
| | 5 | Kuraray southern leased area stormwater | Temporal Composite | ✓ | ✓ | 14 | YES | DRY | DRY | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | YES | NS⁹ | YES | NS⁹ |
| | 10 | Chemours Monomers IXM area stormwater discharge | Temporal Composite | ✓ | ✓ | 10 | YES | DRY | DRY | DRY | DRY | DRY | DRY | DRY | DRY | DRY | YES | DRY | DRY | DRY | DRY | DRY |
| Stormwater-NCCW | 11 | Stormwater discharge from portion of grassy field to north of decommissioned Chemours Teflon area | Temporal Composite | ✓ | ✓ | 12 | YES | DRY | DRY | DRY | YES | YES | YES | YES | DRY | YES | NS⁹ | YES | NS⁹ | YES | YES | YES |
| | 7A | Combined stormwater and NCCW discharge from western portion of the Facility | Temporal Composite | ✓ | ✓ | 23 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| | 9A | Chemours Monomers IXM NCCW and stormwater discharge including stormwater from Vinyl Ethers South and Vinyl Ethers North | Temporal Composite | ✓ | ✓ | 22 | YES | YES | NS¹⁵ | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| | 10A | Combined Chemours Monomers IXM NCCW and stormwater discharge | Temporal Composite | ✓ | ✓ | 15 | YES | YES | NS¹⁵ | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| | 12 | DuPont area southern drainage ditch stormwater discharge and NCCW | Temporal Composite | ✓ | ✓ | 17 | YES | YES | DRY | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| | 13 | DuPont area northern drainage ditch stormwater discharge and NCCW | Temporal Composite | ✓ | ✓ | 14 | YES | DRY | DRY | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| | 14 | DuPont area southeast stormwater and NCCW discharge | Temporal Composite | ✓ | ✓ | 21 | YES | YES | YES | YES | YES | YES | NS | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| | 15 | Combined stormwater and NCCW discharge from eastern portion of the Facility | Temporal Composite | ✓ | ✓ | 24 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| | 21A | Sediment Basin South | Grab | ✓ | ✓ | 15 | YES | YES | YES | YES | NS¹⁶ | NS¹⁶ | NS¹⁶ | NS¹⁶ | NS¹⁶ | NS¹⁶ | NS¹⁶ | NS¹⁶ | NS¹⁶ | NS¹⁶ | NS¹⁶ | NS¹⁶ |
| Wastewater Treatment Plant | 21B | Sediment Basin North | Grab | ✓ | ✓ | 8 | NS¹⁶ | NS¹⁶ | NS¹⁶ | NS¹⁷ | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ | |
| | 8 | Outfall 001 treated non-Chemours process wastewater discharge to open channel to Outfall 002 | Temporal Composite | ✓ | ✓ | 24 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| | 22 | WWTP combined influent | Temporal Composite | ✓ | ✓ | 23 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| Combined Flows to Outfall 002 | 23A | Kuraray northern leased area combined process wastewater and NCCW; open grate on Terracotta pipe | Temporal Composite | ✓ | ✓ | 12 | YES | NS¹⁷ | NS¹⁷ | NS¹⁷ | NS¹⁷ | NS¹⁷ | NS¹⁷ | NS¹⁷ | NS¹⁷ | NS¹⁷ | NS¹⁷ | NS¹⁷ | NS¹⁷ | NS¹⁷ | NS¹⁷ | NS¹⁷ |
| | 7B | Combined stormwater and NCCW discharge from western portion of the Facility and treated discharge from WWTP | Temporal Composite | ✓ | ✓ | 23 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |
| | 20 | Outfall 002 pipe to Cape Fear River upstream of sump | Temporal Composite | ✓ | ✓ | 23 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | NS⁹ | YES | NS⁹ | NS⁹ | YES | NS⁹ |

Notes:
 Sample Events
 February 2021 event (Q1) - 18 and 19 February 2021
 April/May 2021 event (Q2) - 26 and 29 April 2021 and 4 and 7 May 2021
 June 2021 event (Q2) - 18 June 2021
 August 2021 event (Q3) - 17 and 23 August 2021
 September 2021 event (Q3) - 22, 23, and 24 September 2021
 December 2021 event (Q4) - 8, 9, and 10 December 2021
 January 2022 event (Q1) - 17 and 19 January 2022
 April 2022 event (Q2) - 5, 6, and 13 April 2022
 May 2022 event (Q2) - 27 and 31 May 2022
 July 2022 event (Q3) - 15 and 18 July 2022
 August 2022 "mini" event (Q3) - 12 August 2022
 September 2022 event (Q3) - 11 and 14 September 2022
 September 2022 "mini" event (Q3) - 30 September 2022
 November 2022 "mini" event (Q4) - 30 November 2022
 November/December 2022 event (Q4) - 30 November 2022 and 1 and 2 December 2022
 December 2022 "mini" event (Q4) - 15 December 2022

Sample numbers refer to locations identified in Figures 2 and 3.
 All temporal composite samples collected in dry weather were integrated over 4 hours. Temporal composite samples collected during storm events were integrated over up to 8 hours to line up with the storm event.
 1 - Currently active locations are sampling locations that are actively being sampled for P11(d) Ongoing Sampling.
 2 - Locations with less than 12 total samples are either no longer currently active or are new locations that have been adequately characterized at other locations. See Tables 4 and 5 for details.
 3 - Samples collected in April 2021 and May 2021 are considered one sampling event, the April/May 2021 event. Sample locations were collected over multiple days due to construction related to the decommissioning of the Terracotta pipe and separation of stormwater and NCCW in the Monomers IXM area.
 4 - Samples collected on November 30, 2022 and December 1 and 2, 2022 are considered one sampling event, the November/December 2022 event
 5 - Location 23B was not sampled after the February 2021 event because the sample location was no longer in service after the decommissioning of the Terracotta pipe. The new sample location representing this water source is Location 23C-2.
 6 - Location 23C-1 was collected as a temporal composite sample during the August and December 2021 events and as a grab sample during the September 2021 event.
 7 - Locations 23C-1, 23C-2, and 23C-3 were added to the sampling program as they came into services after the decommissioning of the Terracotta pipe.
 8 - Location 23C-1 was not sampled in the June 2021 event because the location was offline on the day of sampling.
 9 - "Mini" events targeted stormwater locations in order to increase the sample size for all currently active locations to a minimum of 12 sampling events. Locations not containing stormwater were not sampled.
 10 - Location 23C-2 was collected as a grab sample during the April/May 2021 event and as a temporal composite during subsequent events.
 11 - Location 6A was not sampled after June 2020 because the location is no longer in service due to re-routing of the Kuraray process wastewater lines due to decommissioning of the Terracotta pipe.
 12 - Location 6B was not sampled during the June 2021 and January 2022 events because there was no water coming from the sample pipe.
 13 - Location 9A was added to the sampling program after completion of the Monomers/ IXM Stormwater Treatment System
 14 - Locations 24A, 24B, and 24C have been removed from the sampling program after the June 2020 sampling event because they are no longer accessible due to separation of stormwater and NCCW in the Monomers/IXM area.
 15 - Locations 9 and 10A were not sampled during the June 2021 event due to construction related to the separation of stormwater and NCCW in the Monomers IXM area.
 16 - Location 21A was sampled through August 2021 because Location 21B was not in use. Location 21B was sampled after August 2021 because Location 21A was not in use.
 17 - Location 23A was not sampled after the February 2021 event because the Terracotta pipe was decommissioned on April 21, 2021.

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 2
PFAS AND ASSOCIATED ANALYTICAL METHODS
Chemours Fayetteville Works, North Carolina

| Analytical Method | Common Name | Chemical Name | CASRN | Chemical Formula |
|--------------------|-------------------------|--|--------------|------------------|
| Table 3+ Lab SOP | HFPO-DA* | Hexafluoropropylene oxide dimer acid | 13252-13-6 | C6HF11O3 |
| | PEPA | Perfluoro-2-ethoxypropionic acid | 267239-61-2 | C5HF9O3 |
| | PFECA-G | Perfluoro-4-isopropoxybutanoic acid | 801212-59-9 | C12H9F9O3S |
| | PFMOAA | Perfluoro-2-methoxyacetic acid | 674-13-5 | C3HF5O3 |
| | PFO2HxA | Perfluoro-3,5-dioxahexanoic acid | 39492-88-1 | C4HF7O4 |
| | PFO3OA | Perfluoro-3,5,7-trioxaoctanoic acid | 39492-89-2 | C5HF9O5 |
| | PFO4DA | Perfluoro-3,5,7,9-tetraoxadecanoic acid | 39492-90-5 | C6HF11O6 |
| | PMPA | Perfluoro-2-methoxypropionic acid | 13140-29-9 | C4HF7O3 |
| | Hydro-EVE Acid | 2,2,3,3-tetrafluoro-3-((1,1,1,2,3,3-hexafluoro-3-((1,2,2,2-tetrafluoroethyl)oxy)propan-2-yl)oxy)propionic acid | 773804-62-9 | C8H2F14O4 |
| | EVE Acid | 2,2,3,3-tetrafluoro-3-((1,1,1,2,3,3-hexafluoro-3-((1,2,2-trifluoroethyl)oxy)propan-2-yl)oxy)propionic acid | 69087-46-3 | C8HF13O4 |
| | PFECA B | Perfluoro-3,6-dioxahexanoic acid | 151772-58-6 | C5HF9O4 |
| | R-EVE | Pentanoic acid, 4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5-octafluoro | 2416366-22-6 | C8H2F12O5 |
| | PFO5DA | Perfluoro-3,5,7,9,11-pentaaxadecanoic acid | 39492-91-6 | C7HF13O7 |
| | R-PSDA | Pentanoic acid, 2,2,3,3,4,5,5-octafluoro-4-(1,1,2,2-tetrafluoro-2-sulfoethoxy) | 2416366-18-0 | C7H2F12O6S |
| | R-PSDCA | Ethanesulfonic acid, 1,1,2,2-tetrafluoro-2-[1,2,2,3,3-pentafluoro-1-(trifluoromethyl)propoxy] | 2416366-21-5 | C6H2F12O4S |
| | Hydrolyzed PSDA | Acetic acid, 2-fluoro-2-[1,1,2,2,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro-2-sulfoethoxy)propoxy] | 2416366-19-1 | C7H3F11O7S |
| | NVHOS | 1,1,2,2,4,5,5,5-heptafluoro-3-oxapentanesulfonic acid; or 2-(1,2,2,2-ethoxy)tetrafluoroethanesulfonic acid; or 1-(1,1,2,2-tetrafluoro-2-sulfoethoxy)-1,2,2,2-tetrafluoroethane | 1132933-86-8 | C4H2F8O4S |
| | PES | Perfluoro-2-ethoxyethanesulfonic acid | 113507-82-7 | C4HF9O4S |
| | PS Acid | Ethanesulfonic acid, 2-[1-(difluoro(1,2,2-trifluoroethyl)oxy)methyl]-1,2,2,2-tetrafluoroethoxy]-1,1,2,2-tetrafluoro | 29311-67-9 | C7HF13O5S |
| | Hydro-PS Acid | Ethanesulfonic acid, 2-[1-(difluoro(1,2,2-tetrafluoroethoxy)methyl)-1,2,2,2-tetrafluoroethoxy]-1,1,2,2-tetrafluoro | 749836-20-2 | C7H2F14O5S |
| PFHpA* | Perfluoroheptanoic acid | 375-85-9 | C7HF13O2 | |
| 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 |
| | PFNA | Perfluorononanoic acid | 375-95-1 | C9HF17O2 |
| | PFOA | Perfluorooctanoic acid | 335-67-1 | C8HF15O2 |
| | 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 | Perfluoronanesulfonate | 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 | EVSI361 | -- |
| | DONA | DONA | 919005-14-4 | -- |

Notes:

*HFPO-DA and PFHpA can also be analyzed under EPA Method 537 Mod.

CASRN - Chemical Abstracts Service registry number

EPA - Environmental Protection Agency

PFAS - per- and polyfluoroalkyl substances

TABLE 3
TOTAL DAILY PRECIPITATION - ONGOING SAMPLING
Chemours Fayetteville Works, North Carolina

| Date | Total Precipitation¹ (inches) | Measured Outfall 002 Flow (MGD) |
|-------------|---|--|
| 1/1/2021 | 0.46 | 18.0 |
| 1/2/2021 | 0.60 | 19.9 |
| 1/3/2021 | 0.31 | 17.4 |
| 1/4/2021 | -- | 17.1 |
| 1/5/2021 | 0.03 | 17.1 |
| 1/6/2021 | 0.01 | 16.7 |
| 1/7/2021 | -- | 18.0 |
| 1/8/2021 | 0.77 | 16.5 |
| 1/9/2021 | 0.01 | 15.9 |
| 1/10/2021 | -- | 15.6 |
| 1/11/2021 | 0.06 | 16.7 |
| 1/12/2021 | 0.45 | 15.8 |
| 1/13/2021 | -- | 13.6 |
| 1/14/2021 | -- | 14.3 |
| 1/15/2021 | 0.33 | 14.7 |
| 1/16/2021 | 0.01 | 15.0 |
| 1/17/2021 | -- | 12.4 |
| 1/18/2021 | -- | 16.7 |
| 1/19/2021 | -- | 16.3 |
| 1/20/2021 | -- | 15.9 |
| 1/21/2021 | -- | 17.1 |
| 1/22/2021 | -- | 16.6 |
| 1/23/2021 | -- | 16.6 |
| 1/24/2021 | -- | 16.1 |
| 1/25/2021 | 0.5 | 17.6 |
| 1/26/2021 | 0.31 | 17.7 |
| 1/27/2021 | 0.42 | 18.5 |
| 1/28/2021 | 0.42 | 16.9 |
| 1/29/2021 | -- | 17.7 |
| 1/30/2021 | -- | 15.6 |
| 1/31/2021 | 0.80 | 18.1 |
| 2/1/2021 | -- | 14.5 |
| 2/2/2021 | -- | 13.5 |
| 2/3/2021 | -- | 11.0 |
| 2/4/2021 | -- | 12.0 |
| 2/5/2021 | 0.17 | 12.0 |
| 2/6/2021 | 0.18 | 12.6 |
| 2/7/2021 | 0.25 | 9.2 |
| 2/8/2021 | -- | 10.0 |
| 2/9/2021 | -- | 9.9 |
| 2/10/2021 | -- | 8.9 |
| 2/11/2021 | 0.46 | 9.3 |
| 2/12/2021 | 0.32 | 10.4 |
| 2/13/2021 | 1.40 | 13.3 |
| 2/14/2021 | 0.65 | 9.9 |
| 2/15/2021 | 0.67 | 12.8 |
| 2/16/2021 | 0.02 | 11.2 |
| 2/17/2021 | -- | 10.9 |
| 2/18/2021 | 1.09 | 18.2 |
| 2/19/2021 | 0.92 | 8.5 |
| 2/20/2021 | -- | 11.3 |
| 2/21/2021 | -- | 10.4 |
| 2/22/2021 | 0.21 | 10.6 |
| 2/23/2021 | -- | 10.6 |

TABLE 3
TOTAL DAILY PRECIPITATION - ONGOING SAMPLING
Chemours Fayetteville Works, North Carolina

| Date | Total Precipitation¹ (inches) | Measured Outfall 002 Flow (MGD) |
|-------------|---|--|
| 2/24/2021 | -- | 11.1 |
| 2/25/2021 | -- | 11.3 |
| 2/26/2021 | -- | 8.6 |
| 2/27/2021 | -- | 7.8 |
| 2/28/2021 | -- | 7.7 |
| 3/1/2021 | 0.04 | 7.1 |
| 3/2/2021 | -- | 7.3 |
| 3/3/2021 | 0.09 | 7.9 |
| 3/4/2021 | -- | 8.0 |
| 3/5/2021 | -- | 7.8 |
| 3/6/2021 | -- | 7.6 |
| 3/7/2021 | -- | 7.4 |
| 3/8/2021 | -- | 7.6 |
| 3/9/2021 | -- | 8.0 |
| 3/10/2021 | -- | 7.7 |
| 3/11/2021 | -- | 8.8 |
| 3/12/2021 | -- | 7.6 |
| 3/13/2021 | -- | 7.4 |
| 3/14/2021 | -- | 7.8 |
| 3/15/2021 | -- | 7.7 |
| 3/16/2021 | 0.88 | 11.2 |
| 3/17/2021 | 0.03 | 7.8 |
| 3/18/2021 | 0.07 | 10.6 |
| 3/19/2021 | 0.07 | 10.6 |
| 3/20/2021 | -- | 11.2 |
| 3/21/2021 | -- | 10.1 |
| 3/22/2021 | -- | 10.5 |
| 3/23/2021 | -- | 10.9 |
| 3/24/2021 | 0.24 | 10.7 |
| 3/25/2021 | 0.01 | 10.6 |
| 3/26/2021 | 0.08 | 9.7 |
| 3/27/2021 | -- | 16.4 |
| 3/28/2021 | 0.26 | 17.7 |
| 3/29/2021 | -- | 18.5 |
| 3/30/2021 | -- | 18.1 |
| 3/31/2021 | 0.3 | 18.6 |
| 4/1/2021 | 0.05 | 15.9 |
| 4/2/2021 | -- | 18.4 |
| 4/3/2021 | -- | 18.4 |
| 4/4/2021 | -- | 18.4 |
| 4/5/2021 | -- | 17.5 |
| 4/6/2021 | -- | 18.6 |
| 4/7/2021 | -- | 18.7 |
| 4/8/2021 | -- | 18.6 |
| 4/9/2021 | 0.04 | 19.6 |
| 4/10/2021 | 0.68 | 19.7 |
| 4/11/2021 | -- | 18.0 |
| 4/12/2021 | -- | 18.6 |
| 4/13/2021 | -- | 18.7 |
| 4/14/2021 | -- | 18.7 |
| 4/15/2021 | -- | 19.2 |
| 4/16/2021 | -- | 18.6 |
| 4/17/2021 | -- | 18.5 |
| 4/18/2021 | -- | 17.6 |

TABLE 3
TOTAL DAILY PRECIPITATION - ONGOING SAMPLING
Chemours Fayetteville Works, North Carolina

| Date | Total Precipitation¹ (inches) | Measured Outfall 002 Flow (MGD) |
|-------------|---|--|
| 4/19/2021 | -- | 18.2 |
| 4/20/2021 | -- | 12.9 |
| 4/21/2021 | -- | 15.7 |
| 4/22/2021 | -- | 12.4 |
| 4/23/2021 | -- | 10.8 |
| 4/24/2021 | 0.27 | 11.5 |
| 4/25/2021 | 0.01 | 9.9 |
| 4/26/2021 | -- | 9.5 |
| 4/27/2021 | -- | 10.8 |
| 4/28/2021 | -- | 10.6 |
| 4/29/2021 | -- | 12.0 |
| 4/30/2021 | -- | 13.8 |
| 5/1/2021 | -- | 14.0 |
| 5/2/2021 | -- | 14.7 |
| 5/3/2021 | 0.11 | 14.5 |
| 5/4/2021 | 0.01 | 15.4 |
| 5/5/2021 | -- | 15.7 |
| 5/6/2021 | -- | 15.8 |
| 5/7/2021 | 0.83 ² | 18.3 |
| 5/8/2021 | -- ² | 16.8 |
| 5/9/2021 | -- ² | 11.9 |
| 5/10/2021 | -- ² | 12.3 |
| 5/11/2021 | -- ² | 10.4 |
| 5/12/2021 | 0.36 ² | 12.4 |
| 5/13/2021 | -- ² | 10.3 |
| 5/14/2021 | -- ² | 12.0 |
| 5/15/2021 | -- ² | 11.7 |
| 5/16/2021 | -- ² | 10.1 |
| 5/17/2021 | -- ² | 10.8 |
| 5/18/2021 | -- ² | 11.5 |
| 5/19/2021 | -- ² | 13.5 |
| 5/20/2021 | -- ² | 15.3 |
| 5/21/2021 | -- ² | 15.1 |
| 5/22/2021 | -- ² | 16.1 |
| 5/23/2021 | -- ² | 15.8 |
| 5/24/2021 | -- ² | 22.3 |
| 5/25/2021 | -- ² | 14.3 |
| 5/26/2021 | -- ² | 19.4 |
| 5/27/2021 | -- ² | 20.4 |
| 5/28/2021 | 0.06 | 19.7 |
| 5/29/2021 | 0.07 | 19.2 |
| 5/30/2021 | 0.01 | 16.2 |
| 5/31/2021 | -- | 16.8 |
| 6/1/2021 | -- | 15.4 |
| 6/2/2021 | 2.68 | 23.4 |
| 6/3/2021 | 1.47 | 17.6 |
| 6/4/2021 | 0.01 | 11.9 |
| 6/5/2021 | -- | 9.4 |
| 6/6/2021 | -- | 10.1 |
| 6/7/2021 | 0.19 | 16.2 |

TABLE 3
TOTAL DAILY PRECIPITATION - ONGOING SAMPLING
Chemours Fayetteville Works, North Carolina

| Date | Total Precipitation ¹ (inches) | Measured Outfall 002 Flow (MGD) |
|-----------|--|------------------------------------|
| 6/8/2021 | 0.01 | 18.1 |
| 6/9/2021 | -- | 19.2 |
| 6/10/2021 | 1.02 | 20.3 |
| 6/11/2021 | 0.15 | 25.5 |
| 6/12/2021 | 2.08 | 19.8 |
| 6/13/2021 | -- | 19.1 |
| 6/14/2021 | -- | 18.8 |
| 6/15/2021 | -- | 19.7 |
| 6/16/2021 | -- | 19.3 |
| 6/17/2021 | -- | 19.6 |
| 6/18/2021 | -- | 20.0 |
| 6/19/2021 | -- | 19.1 |
| 6/20/2021 | 0.84 | 20.2 |
| 6/21/2021 | 0.01 | 20.5 |
| 6/22/2021 | 0.24 | 19.2 |
| 6/23/2021 | -- | 21.2 |
| 6/24/2021 | -- | 17.1 |
| 6/25/2021 | 0.23 | 18.9 |
| 6/26/2021 | 0.01 | 19.3 |
| 6/27/2021 | -- | 18.1 |
| 6/28/2021 | -- | 18.8 |
| 6/29/2021 | -- | 17.4 |
| 6/30/2021 | -- | 17.9 |
| 7/1/2021 | -- | 19.9 |
| 7/2/2021 | 1.25 | 18.7 |
| 7/3/2021 | -- | 18.2 |
| 7/4/2021 | -- | 18.6 |
| 7/5/2021 | -- | 17.2 |
| 7/6/2021 | -- | 16.9 |
| 7/7/2021 | 0.37 | 21.4 |
| 7/8/2021 | 1.81 | 21.1 |
| 7/9/2021 | 0.04 | 17.8 |
| 7/10/2021 | -- | 17.0 |
| 7/11/2021 | 0.12 | 16.6 |
| 7/12/2021 | 0.03 | 20.1 |
| 7/13/2021 | -- | 20.0 |
| 7/14/2021 | -- | 20.6 |
| 7/15/2021 | 0.2 | 18.9 |
| 7/16/2021 | -- | 17.6 |
| 7/17/2021 | 0.15 | 17.1 |
| 7/18/2021 | 0.04 | 15.7 |
| 7/19/2021 | 3.95 | 27.7 |
| 7/20/2021 | -- | 16.1 |
| 7/21/2021 | 0.07 | 10.9 |
| 7/22/2021 | -- | 17.6 |
| 7/23/2021 | -- | 19.2 |
| 7/24/2021 | -- | 19.3 |
| 7/25/2021 | -- | 15.4 |
| 7/26/2021 | -- | 18.5 |
| 7/27/2021 | 0.32 | 16.5 |
| 7/28/2021 | 0.04 | 16.4 |
| 7/29/2021 | 0.01 | 15.0 |
| 7/30/2021 | -- | 17.0 |
| 7/31/2021 | -- | 15.8 |

TABLE 3
TOTAL DAILY PRECIPITATION - ONGOING SAMPLING
Chemours Fayetteville Works, North Carolina

| Date | Total Precipitation ¹ (inches) | Measured Outfall 002 Flow (MGD) |
|-----------|--|------------------------------------|
| 8/1/2021 | 0.31 | 17.4 |
| 8/2/2021 | 0.01 | 16.9 |
| 8/3/2021 | 0.36 | 14.5 |
| 8/4/2021 | 0.04 | 12.9 |
| 8/5/2021 | -- | 13.4 |
| 8/6/2021 | 1.08 | 14.1 |
| 8/7/2021 | 0.07 | 12.7 |
| 8/8/2021 | -- | 12.3 |
| 8/9/2021 | -- | 13.2 |
| 8/10/2021 | 0.11 | 13.3 |
| 8/11/2021 | -- | 13.6 |
| 8/12/2021 | -- | 12.1 |
| 8/13/2021 | -- | 12.9 |
| 8/14/2021 | -- | 13.3 |
| 8/15/2021 | 0.02 | 12.9 |
| 8/16/2021 | 0.02 | 13.0 |
| 8/17/2021 | 0.31 | 13.0 |
| 8/18/2021 | 0.12 | 13.0 |
| 8/19/2021 | 0.28 | 13.0 |
| 8/20/2021 | -- | 13.0 |
| 8/21/2021 | -- | 13.1 |
| 8/22/2021 | -- | 12.0 |
| 8/23/2021 | -- | 12.1 |
| 8/24/2021 | -- | 12.1 |
| 8/25/2021 | -- | 13.7 |
| 8/26/2021 | -- | 15.0 |
| 8/27/2021 | -- | 4.0 |
| 8/28/2021 | -- | 9.9 |
| 8/29/2021 | -- | 15.6 |
| 8/30/2021 | -- | 16.8 |
| 8/31/2021 | -- | 15.5 |
| 9/1/2021 | -- | 13.4 |
| 9/2/2021 | 0.02 | 14.0 |
| 9/3/2021 | -- | 16.2 |
| 9/4/2021 | -- | 16.3 |
| 9/5/2021 | -- | 14.5 |
| 9/6/2021 | -- | 17.1 |
| 9/7/2021 | -- | 15.7 |
| 9/8/2021 | 0.56 | 16.6 |
| 9/9/2021 | 0.17 | 16.3 |
| 9/10/2021 | -- | 16.3 |
| 9/11/2021 | -- | 14.8 |
| 9/12/2021 | -- | 13.8 |
| 9/13/2021 | -- | 14.4 |
| 9/14/2021 | -- | 14.8 |
| 9/15/2021 | -- | 16.0 |
| 9/16/2021 | -- | 16.9 |
| 9/17/2021 | -- | 17.2 |
| 9/18/2021 | -- | 17.1 |
| 9/19/2021 | -- | 18.4 |
| 9/20/2021 | -- | 19.2 |
| 9/21/2021 | 1.60 | 21.1 |
| 9/22/2021 | 0.33 | 23.2 |
| 9/23/2021 | -- | 16.2 |

TABLE 3
TOTAL DAILY PRECIPITATION - ONGOING SAMPLING
Chemours Fayetteville Works, North Carolina

| Date | Total Precipitation¹ (inches) | Measured Outfall 002 Flow (MGD) |
|-------------|---|--|
| 9/24/2021 | -- | 15.2 |
| 9/25/2021 | -- | 15.9 |
| 9/26/2021 | -- | 16.5 |
| 9/27/2021 | -- | 14.5 |
| 9/28/2021 | -- | 14.7 |
| 9/29/2021 | -- | 14.3 |
| 9/30/2021 | -- | 17.5 |
| 10/1/2021 | -- | 19.7 |
| 10/2/2021 | -- | 19.4 |
| 10/3/2021 | -- | 20.2 |
| 10/4/2021 | 1.02 | 20.1 |
| 10/5/2021 | -- | 19.6 |
| 10/6/2021 | -- | 18.2 |
| 10/7/2021 | -- | 18.8 |
| 10/8/2021 | -- | 19.5 |
| 10/9/2021 | 0.35 | 19.9 |
| 10/10/2021 | -- | 18.1 |
| 10/11/2021 | -- | 11.1 |
| 10/12/2021 | -- | 9.1 |
| 10/13/2021 | -- | 1.4 |
| 10/14/2021 | -- | 0.0 |
| 10/15/2021 | -- | 0.0 |
| 10/16/2021 | -- | 0.0 |
| 10/17/2021 | -- | 22.7 |
| 10/18/2021 | -- | 7.7 |
| 10/19/2021 | -- | 4.1 |
| 10/20/2021 | -- | 4.5 |
| 10/21/2021 | -- | 7.9 |
| 10/22/2021 | -- | 7.2 |
| 10/23/2021 | -- | 5.9 |
| 10/24/2021 | -- | 7.6 |
| 10/25/2021 | 0.11 | 9.0 |
| 10/26/2021 | -- | 7.9 |
| 10/27/2021 | -- | 5.6 |
| 10/28/2021 | 0.02 | 6.8 |
| 10/29/2021 | 0.02 | 6.6 |
| 10/30/2021 | -- | 6.1 |
| 10/31/2021 | -- | 6.9 |
| 11/1/2021 | -- | 6.5 |
| 11/2/2021 | -- | 7.1 |
| 11/3/2021 | -- | 6.8 |
| 11/4/2021 | -- | 6.2 |
| 11/5/2021 | -- | 4.9 |
| 11/6/2021 | -- | 5.5 |
| 11/7/2021 | -- | 4.1 |
| 11/8/2021 | -- | 2.3 |
| 11/9/2021 | -- | 2.4 |
| 11/10/2021 | -- | 2.6 |
| 11/11/2021 | 0.04 | 4.5 |
| 11/12/2021 | 0.01 | 4.2 |
| 11/13/2021 | -- | 5.4 |
| 11/14/2021 | -- | 4.8 |
| 11/15/2021 | -- | 4.2 |
| 11/16/2021 | -- | 3.4 |

TABLE 3
TOTAL DAILY PRECIPITATION - ONGOING SAMPLING
Chemours Fayetteville Works, North Carolina

| Date | Total Precipitation ¹ (inches) | Measured Outfall 002 Flow (MGD) |
|------------|--|------------------------------------|
| 11/17/2021 | -- | 4.3 |
| 11/18/2021 | 0.02 | 4.0 |
| 11/19/2021 | -- | 3.3 |
| 11/20/2021 | -- | 3.1 |
| 11/21/2021 | -- | 3.0 |
| 11/22/2021 | 0.33 | 4.0 |
| 11/23/2021 | -- | 3.5 |
| 11/24/2021 | -- | 2.6 |
| 11/25/2021 | -- | 2.9 |
| 11/26/2021 | 0.13 | 3.2 |
| 11/27/2021 | -- | 3.0 |
| 11/28/2021 | -- | 3.1 |
| 11/29/2021 | -- | 3.1 |
| 11/30/2021 | -- | 3.7 |
| 12/1/2021 | -- | 4.1 |
| 12/2/2021 | -- | 4.4 |
| 12/3/2021 | -- | 3.7 |
| 12/4/2021 | -- | 4.9 |
| 12/5/2021 | -- | 4.6 |
| 12/6/2021 | -- | 4.3 |
| 12/7/2021 | -- | 4.6 |
| 12/8/2021 | 1.08 | 8.0 |
| 12/9/2021 | -- | 5.5 |
| 12/10/2021 | 0.04 | 5.4 |
| 12/11/2021 | 0.15 | 5.1 |
| 12/12/2021 | 0.06 | 4.2 |
| 12/13/2021 | -- | 4.9 |
| 12/14/2021 | -- | 4.4 |
| 12/15/2021 | -- | 4.8 |
| 12/16/2021 | -- | 4.9 |
| 12/17/2021 | -- | 9.5 |
| 12/18/2021 | -- | 10.0 |
| 12/19/2021 | 0.24 | 10.6 |
| 12/20/2021 | -- | 10.0 |
| 12/21/2021 | 0.48 | 13.5 |
| 12/22/2021 | 0.06 | 12.9 |
| 12/23/2021 | -- | 12.3 |
| 12/24/2021 | -- | 12.1 |
| 12/25/2021 | -- | 12.9 |
| 12/26/2021 | -- | 11.7 |
| 12/27/2021 | -- | 20.3 |
| 12/28/2021 | -- | 17.6 |
| 12/29/2021 | -- | 16.6 |
| 12/30/2021 | 0.11 | 17.5 |
| 12/31/2021 | 0.03 | 16.7 |
| 1/1/2022 | 0.3 | 11.9 |
| 1/2/2022 | 0.98 | 17.9 |
| 1/3/2022 | 0.74 | 15.2 |
| 1/5/2022 | 0.06 | 14.5 |
| 1/7/2022 | -- | 17.4 |
| 1/8/2022 | -- | 16.8 |
| 1/9/2022 | 0.49 | 18.4 |
| 1/10/2022 | -- | 17.0 |
| 1/11/2022 | -- | 16.8 |

TABLE 3
TOTAL DAILY PRECIPITATION - ONGOING SAMPLING
Chemours Fayetteville Works, North Carolina

| Date | Total Precipitation ¹ (inches) | Measured Outfall 002 Flow (MGD) |
|-----------|--|------------------------------------|
| 1/12/2022 | -- | 8.7 |
| 1/13/2022 | -- | 11.4 |
| 1/14/2022 | -- | 11.2 |
| 1/15/2022 | -- | 11.0 |
| 1/16/2022 | <i>1.41</i> | 13.5 |
| 1/17/2022 | -- | 11.0 |
| 1/18/2022 | -- | 11.0 |
| 1/19/2022 | -- | 14.9 |
| 1/20/2022 | -- | 16.1 |
| 1/21/2022 | -- | 17.9 |
| 1/22/2022 | -- | 13.6 |
| 1/23/2022 | -- | 16.6 |
| 1/24/2022 | -- | 15.2 |
| 1/25/2022 | -- | 17.3 |
| 1/26/2022 | -- | 18.2 |
| 1/27/2022 | -- | 13.9 |
| 1/28/2022 | -- | 15.6 |
| 1/29/2022 | 0.04 | 11.0 |
| 1/30/2022 | -- | 21.0 |
| 1/31/2022 | -- | 17.1 |
| 2/1/2022 | -- | 16.4 |
| 2/2/2022 | -- | 17.0 |
| 2/3/2022 | -- | 17.0 |
| 2/4/2022 | 0.09 | 16.4 |
| 2/5/2022 | -- | 16.5 |
| 2/6/2022 | 0.01 | 17.3 |
| 2/7/2022 | 0.54 | 17.4 |
| 2/8/2022 | -- | 17.3 |
| 2/9/2022 | -- | 17.0 |
| 2/10/2022 | -- | 17.9 |
| 2/11/2022 | -- | 18.3 |
| 2/12/2022 | -- | 16.6 |
| 2/13/2022 | -- | 16.5 |
| 2/14/2022 | -- | 16.8 |
| 2/15/2022 | -- | 17.2 |
| 2/16/2022 | -- | 17.0 |
| 2/17/2022 | -- | 16.6 |
| 2/18/2022 | 0.08 | 17.0 |
| 2/19/2022 | -- | 16.6 |
| 2/20/2022 | -- | 16.0 |
| 2/21/2022 | -- | 17.4 |
| 2/22/2022 | -- | 16.6 |
| 2/23/2022 | -- | 16.1 |
| 2/24/2022 | -- | 15.4 |
| 2/25/2022 | -- | 15.7 |
| 2/26/2022 | -- | 15.4 |
| 2/27/2022 | 0.33 | 16.4 |
| 2/28/2022 | -- | 17.5 |
| 3/1/2022 | -- | 17.3 |
| 3/2/2022 | -- | 17.5 |
| 3/3/2022 | -- | 17.2 |
| 3/4/2022 | -- | 16.5 |
| 3/5/2022 | -- | 17.1 |
| 3/6/2022 | -- | 17.4 |

TABLE 3
TOTAL DAILY PRECIPITATION - ONGOING SAMPLING
Chemours Fayetteville Works, North Carolina

| Date | Total Precipitation¹ (inches) | Measured Outfall 002 Flow (MGD) |
|-------------|---|--|
| 3/7/2022 | -- | 17.2 |
| 3/8/2022 | 0.01 | 17.5 |
| 3/9/2022 | 0.02 | 17.2 |
| 3/10/2022 | 0.12 | 17.3 |
| 3/11/2022 | 0.15 | 19.1 |
| 3/12/2022 | 0.74 | 16.4 |
| 3/13/2022 | -- | 16.1 |
| 3/14/2022 | -- | 17.0 |
| 3/15/2022 | -- | 17.4 |
| 3/16/2022 | -- | 16.4 |
| 3/17/2022 | 0.14 | 17.2 |
| 3/18/2022 | -- | 17.3 |
| 3/19/2022 | -- | 17.5 |
| 3/20/2022 | -- | 16.7 |
| 3/21/2022 | -- | 18.3 |
| 3/22/2022 | -- | 16.1 |
| 3/23/2022 | -- | 17.2 |
| 3/24/2022 | 0.04 | 16.2 |
| 3/25/2022 | -- | 17.6 |
| 3/26/2022 | -- | 16.5 |
| 3/27/2022 | -- | 16.6 |
| 3/28/2022 | -- | 16.1 |
| 3/29/2022 | -- | 14.1 |
| 3/30/2022 | -- | 14.9 |
| 3/31/2022 | 0.01 | 16.4 |
| 4/1/2022 | -- | 16.5 |
| 4/2/2022 | -- | 15.8 |
| 4/3/2022 | -- | 16.2 |
| 4/4/2022 | -- | 15.2 |
| 4/5/2022 | 0.93 | 18.2 |
| 4/6/2022 | 0.15 | 13.9 |
| 4/7/2022 | 0.03 | 12.9 |
| 4/8/2022 | -- | 11.6 |
| 4/9/2022 | -- | 11.4 |
| 4/10/2022 | -- | 10.9 |
| 4/11/2022 | -- | 12.0 |
| 4/12/2022 | -- | 11.3 |
| 4/13/2022 | -- | 10.7 |
| 4/14/2022 | -- | 11.6 |
| 4/15/2022 | -- | 10.4 |
| 4/16/2022 | -- | 11.7 |
| 4/17/2022 | -- | 12.4 |
| 4/18/2022 | 0.8 | 14.9 |
| 4/19/2022 | -- | 13.8 |
| 4/20/2022 | -- | 14.5 |
| 4/21/2022 | -- | 13.2 |
| 4/22/2022 | -- | 10.5 |
| 4/23/2022 | -- | 11.1 |
| 4/24/2022 | -- | 11.6 |
| 4/25/2022 | -- | 15.5 |
| 4/26/2022 | 0.18 | 16.5 |
| 4/27/2022 | -- | 14.8 |
| 4/28/2022 | -- | 13.8 |
| 4/29/2022 | -- | 11.4 |

TABLE 3
TOTAL DAILY PRECIPITATION - ONGOING SAMPLING
Chemours Fayetteville Works, North Carolina

| Date | Total Precipitation¹ (inches) | Measured Outfall 002 Flow (MGD) |
|-------------|---|--|
| 4/30/2022 | -- | 12.1 |
| 5/1/2022 | 0.04 | 15.1 |
| 5/2/2022 | -- | 12.5 |
| 5/3/2022 | 1.27 | 16.0 |
| 5/4/2022 | 0.18 | 15.9 |
| 5/5/2022 | -- | 13.6 |
| 5/6/2022 | 0.07 | 14.0 |
| 5/7/2022 | 0.08 | 14.2 |
| 5/8/2022 | -- | 11.2 |
| 5/9/2022 | -- | 10.3 |
| 5/10/2022 | -- | 9.6 |
| 5/11/2022 | -- | 10.9 |
| 5/12/2022 | -- | 13.9 |
| 5/13/2022 | 0.51 | 12.5 |
| 5/14/2022 | 0.03 | 11.6 |
| 5/15/2022 | -- | 14.4 |
| 5/16/2022 | 0.01 | 14.4 |
| 5/17/2022 | -- | 10.6 |
| 5/18/2022 | -- | 15.2 |
| 5/19/2022 | -- | 14.9 |
| 5/20/2022 | -- | 14.9 |
| 5/21/2022 | 0.01 | 16.0 |
| 5/22/2022 | -- | 16.3 |
| 5/23/2022 | 0.01 | 15.6 |
| 5/24/2022 | -- | 15.5 |
| 5/25/2022 | -- | 16.2 |
| 5/26/2022 | -- | 16.1 |
| 5/27/2022 | 0.24 | 11.4 |
| 5/28/2022 | -- | 11.3 |
| 5/29/2022 | -- | 10.2 |
| 5/30/2022 | -- | 12.1 |
| 5/31/2022 | -- | 13.0 |
| 6/1/2022 | -- | 15.1 |
| 6/2/2022 | -- | 15.1 |
| 6/3/2022 | 0.14 | 14.9 |
| 6/4/2022 | -- | 15.1 |
| 6/5/2022 | -- | 13.9 |
| 6/6/2022 | -- | 11.4 |
| 6/7/2022 | -- | 10.5 |
| 6/8/2022 | 0.83 | 11.7 |
| 6/9/2022 | 0.6 | 12.3 |
| 6/10/2022 | -- | 9.2 |
| 6/11/2022 | 0.01 | 10.7 |
| 6/12/2022 | -- | 11.3 |
| 6/13/2022 | -- | 9.0 |
| 6/14/2022 | -- | 9.7 |
| 6/15/2022 | -- | 9.1 |
| 6/16/2022 | 0.43 | 10.8 |
| 6/17/2022 | 0.26 | 9.6 |
| 6/18/2022 | 0.01 | 8.6 |
| 6/19/2022 | -- | 10.7 |
| 6/20/2022 | -- | 9.1 |
| 6/21/2022 | -- | 10.0 |
| 6/22/2022 | 0.27 | 10.1 |

TABLE 3
TOTAL DAILY PRECIPITATION - ONGOING SAMPLING
Chemours Fayetteville Works, North Carolina

| Date | Total Precipitation ¹ (inches) | Measured Outfall 002 Flow (MGD) |
|-----------|--|------------------------------------|
| 6/23/2022 | 0.07 | 10.5 |
| 6/24/2022 | -- | 10.2 |
| 6/25/2022 | -- | 9.7 |
| 6/26/2022 | -- | 12.8 |
| 6/27/2022 | -- | 11.9 |
| 6/28/2022 | -- | 10.5 |
| 6/29/2022 | 0.11 | 12.9 |
| 6/30/2022 | 0.01 | 12.7 |
| 7/1/2022 | 0.3 | 13.1 |
| 7/2/2022 | 0.13 | 11.2 |
| 7/3/2022 | 0.05 | 9.8 |
| 7/4/2022 | 0.01 | 10.7 |
| 7/5/2022 | 0.37 | 11.1 |
| 7/6/2022 | 0.01 | 10.9 |
| 7/7/2022 | 1 | 13.0 |
| 7/8/2022 | 1.16 | 14.3 |
| 7/9/2022 | 1.15 | 14.8 |
| 7/10/2022 | 0.17 | 15.5 |
| 7/11/2022 | -- | 12.4 |
| 7/12/2022 | -- | 14.0 |
| 7/13/2022 | -- | 11.4 |
| 7/14/2022 | 0.02 | 12.4 |
| 7/15/2022 | 0.76 | 11.7 |
| 7/16/2022 | 0.13 | 9.9 |
| 7/17/2022 | -- | 9.8 |
| 7/18/2022 | -- | 8.5 |
| 7/19/2022 | 0.1 | 9.3 |
| 7/20/2022 | 0.47 | 9.7 |
| 7/21/2022 | -- | 8.6 |
| 7/22/2022 | -- | 9.1 |
| 7/23/2022 | -- | 9.0 |
| 7/24/2022 | -- | 9.7 |
| 7/25/2022 | -- | 7.0 |
| 7/26/2022 | -- | 8.0 |
| 7/27/2022 | 0.01 | 8.3 |
| 7/28/2022 | -- | 8.0 |
| 7/29/2022 | -- | 7.9 |
| 7/30/2022 | 0.02 | 7.6 |
| 7/31/2022 | 0.01 | 7.9 |
| 8/1/2022 | 0.17 | 7.8 |
| 8/2/2022 | -- | 7.8 |
| 8/3/2022 | -- | 8.0 |
| 8/4/2022 | -- | 15.8 |
| 8/5/2022 | -- | 16.0 |
| 8/6/2022 | -- | 16.0 |
| 8/7/2022 | -- | 18.2 |
| 8/8/2022 | -- | 15.6 |
| 8/9/2022 | -- | 16.4 |
| 8/10/2022 | -- | 16.2 |
| 8/11/2022 | -- | 14.5 |
| 8/12/2022 | 0.43 | 16.9 |
| 8/13/2022 | -- | 15.1 |
| 8/14/2022 | -- | 16.8 |
| 8/15/2022 | 0.3 | 17.4 |

TABLE 3
TOTAL DAILY PRECIPITATION - ONGOING SAMPLING
Chemours Fayetteville Works, North Carolina

| Date | Total Precipitation¹ (inches) | Measured Outfall 002 Flow (MGD) |
|-------------|---|--|
| 8/16/2022 | 0.01 | 15.9 |
| 8/17/2022 | -- | 6.5 |
| 8/18/2022 | -- | 8.4 |
| 8/19/2022 | 0.5 | 11.5 |
| 8/20/2022 | -- | 12.2 |
| 8/21/2022 | 0.62 | 14.5 |
| 8/22/2022 | 0.4 | 11.5 |
| 8/23/2022 | -- | 9.4 |
| 8/24/2022 | -- | 9.0 |
| 8/25/2022 | 0.11 | 9.3 |
| 8/26/2022 | -- | 8.5 |
| 8/27/2022 | -- | 9.7 |
| 8/28/2022 | -- | 9.9 |
| 8/29/2022 | -- | 8.4 |
| 8/30/2022 | -- | 9.1 |
| 8/31/2022 | -- | 8.6 |
| 9/1/2022 | -- | 9.1 |
| 9/2/2022 | -- | 8.3 |
| 9/3/2022 | -- | 8.8 |
| 9/4/2022 | -- | 9.5 |
| 9/5/2022 | 0.31 | 12.2 |
| 9/6/2022 | -- | 9.8 |
| 9/7/2022 | 0.38 | 12.0 |
| 9/8/2022 | 0.03 | 10.3 |
| 9/9/2022 | -- | 10.6 |
| 9/10/2022 | 0.12 | 10.9 |
| 9/11/2022 | 0.32 | 14.8 |
| 9/12/2022 | -- | 9.2 |
| 9/13/2022 | -- | 10.4 |
| 9/14/2022 | -- | 9.4 |
| 9/15/2022 | -- | 11.7 |
| 9/16/2022 | -- | 6.8 |
| 9/17/2022 | -- | 8.4 |
| 9/18/2022 | -- | 9.1 |
| 9/19/2022 | -- | 9.7 |
| 9/20/2022 | -- | 8.8 |
| 9/21/2022 | -- | 7.7 |
| 9/22/2022 | 0.06 | 8.0 |
| 9/23/2022 | -- | 8.1 |
| 9/24/2022 | -- | 8.3 |
| 9/25/2022 | 0.01 | 10.1 |
| 9/26/2022 | -- | 8.6 |
| 9/27/2022 | -- | 6.2 |
| 9/28/2022 | -- | 9.0 |
| 9/29/2022 | 0.01 | 7.4 |
| 9/30/2022 | 2.66 | 20.2 |
| 10/1/2022 | -- | 4.5 |
| 10/2/2022 | -- | 6.3 |
| 10/3/2022 | -- | 3.3 |
| 10/4/2022 | -- | 2.4 |
| 10/5/2022 | -- | 5.4 |
| 10/6/2022 | -- | 8.3 |
| 10/7/2022 | -- | 5.5 |
| 10/8/2022 | -- | 4.1 |

TABLE 3
TOTAL DAILY PRECIPITATION - ONGOING SAMPLING
Chemours Fayetteville Works, North Carolina

| Date | Total Precipitation ¹ (inches) | Measured Outfall 002 Flow (MGD) |
|------------|--|------------------------------------|
| 10/9/2022 | -- | 4.3 |
| 10/10/2022 | -- | 6.8 |
| 10/11/2022 | -- | 7.6 |
| 10/12/2022 | -- | 1.9 |
| 10/13/2022 | 0.02 | 0.0 |
| 10/14/2022 | -- | 0.0 |
| 10/15/2022 | -- | 0.0 |
| 10/16/2022 | -- | 0.0 |
| 10/17/2022 | -- | 0.0 |
| 10/18/2022 | -- | 5.0 |
| 10/19/2022 | -- | 5.1 |
| 10/20/2022 | -- | 12.3 |
| 10/21/2022 | -- | 12.4 |
| 10/22/2022 | -- | 24.9 |
| 10/23/2022 | -- | 15.3 |
| 10/24/2022 | -- | 11.6 |
| 10/25/2022 | -- | 11.9 |
| 10/26/2022 | -- | 13.9 |
| 10/27/2022 | -- | 14.8 |
| 10/28/2022 | 0.14 | 12.4 |
| 10/29/2022 | 0.15 | 12.5 |
| 10/30/2022 | -- | 11.4 |
| 10/31/2022 | 0.18 | 14.1 |
| 11/1/2022 | 0.07 | 14.1 |
| 11/2/2022 | -- | 11.0 |
| 11/3/2022 | -- | 12.2 |
| 11/4/2022 | 0.02 | 10.8 |
| 11/5/2022 | -- | 12.0 |
| 11/6/2022 | -- | 12.1 |
| 11/7/2022 | -- | 12.0 |
| 11/8/2022 | -- | 11.0 |
| 11/9/2022 | -- | 12.6 |
| 11/10/2022 | 0.21 | 12.8 |
| 11/11/2022 | 1.4 | 12.9 |
| 11/12/2022 | 0.01 | 12.7 |
| 11/13/2022 | -- | 12.8 |
| 11/14/2022 | -- | 9.3 |
| 11/15/2022 | 0.2 | 12.8 |
| 11/16/2022 | -- | 9.6 |
| 11/17/2022 | -- | 10.3 |
| 11/18/2022 | -- | 10.5 |
| 11/19/2022 | -- | 11.7 |
| 11/20/2022 | -- | 11.3 |
| 11/21/2022 | -- | 11.7 |
| 11/22/2022 | -- | 11.8 |
| 11/23/2022 | -- | 8.7 |
| 11/24/2022 | -- | 11.4 |
| 11/25/2022 | 0.15 | 9.8 |
| 11/26/2022 | -- | 10.7 |
| 11/27/2022 | 0.03 | 13.8 |
| 11/28/2022 | -- | 8.6 |
| 11/29/2022 | -- | 10.2 |
| 11/30/2022 | 0.45 | 1.4 |
| 12/1/2022 | -- | 10.8 |

TABLE 3
TOTAL DAILY PRECIPITATION - ONGOING SAMPLING
Chemours Fayetteville Works, North Carolina

| Date | Total Precipitation¹ (inches) | Measured Outfall 002 Flow (MGD) |
|-------------|---|--|
| 12/2/2022 | -- | 10.8 |
| 12/3/2022 | 0.07 | 11.3 |
| 12/4/2022 | -- | 10.8 |
| 12/5/2022 | -- | 10.4 |
| 12/6/2022 | -- | 12.1 |
| 12/7/2022 | -- | 10.2 |
| 12/8/2022 | 0.01 | 11.0 |
| 12/9/2022 | 0.19 | 11.3 |
| 12/10/2022 | -- | 11.6 |
| 12/11/2022 | -- | 12.2 |
| 12/12/2022 | -- | 10.9 |
| 12/13/2022 | -- | 12.2 |
| 12/14/2022 | 0.01 | 10.2 |
| 12/15/2022 | 0.89 | 14.5 |
| 12/16/2022 | -- | 10.7 |
| 12/17/2022 | -- | 11.0 |
| 12/18/2022 | -- | 11.2 |
| 12/19/2022 | -- | 10.7 |
| 12/20/2022 | -- | 12.5 |
| 12/21/2022 | 0.09 | 15.1 |
| 12/22/2022 | 1.09 | 11.7 |
| 12/23/2022 | 0.02 | 14.1 |
| 12/24/2022 | -- | 10.1 |
| 12/25/2022 | -- | 14.3 |
| 12/26/2022 | -- | 10.9 |
| 12/27/2022 | -- | 11.6 |
| 12/28/2022 | -- | 13.2 |
| 12/29/2022 | -- | 11.0 |
| 12/30/2022 | -- | 11.4 |
| 12/31/2022 | 0.03 | 11.6 |

Notes:

1. Precipitation data obtained from USGS rain gauge at W.O. Huske Dam.
 2. Gap in USGS rain gauge at W.O. Huske Dam from 7 to 27 May 2021 was
- MGD - million gallons per day
N/A - Flow data at Outfall 002 not yet available
USGS - United States Geological Survey
-- - below USGS measurement threshold

72 hour period prior to first day of sample collection for bimonthly event

Wet weather sampling date

Dry weather sampling date

Location 16 sampling date

TABLE 4
SUMMARY STATISTICS FOR HFPO-DA, PFMOAA, AND PMPA (2019 - 2022)
Chemours Fayetteville Works, North Carolina

| Sample Category | Sample Location ID | Sample Location Description | Currently Active Location? | HFPO-DA (ng/L) | | | | | PFMOAA (ng/L) | | | | | PMPA (ng/L) | | | | |
|---------------------------------|--------------------|--|----------------------------|----------------|----------------|---------|-----------|-----------|----------------|----------------|---------|---------|-----------|----------------|----------------|---------|--------|------------|
| | | | | No. of Samples | No. of Detects | Minimum | Median | Maximum | No. of Samples | No. of Detects | Minimum | Median | Maximum | No. of Samples | No. of Detects | Minimum | Median | Maximum |
| Intake River Water at Facility | 1 | Discharge point of excess river water (i.e., water drawn from the Cape Fear River, but not used as process water or NCCW) to characterize background levels of PFAS | ✓ | 27 | 27 | 4.8 | 13 | 110 | 27 | 21 | 2 | 7.6 | 560 | 27 | 20 | 10 | 26 | 620 |
| Non-Chemours Process Wastewater | 18 | Kuraray process wastewater | ✓ | 23 | 21 | 2 | 10 | 59 | 23 | 8 | 2 | 5 | 160 | 23 | 8 | 10 | 10 | 44 |
| | 19A | DuPont process wastewater, Plant 1 | ✓ | 23 | 23 | 3.2 | 14 | 380 | 23 | 15 | 2 | 5 | 24 | 23 | 18 | 10 | 20 | 340 |
| | 19B | DuPont process wastewater, Plant 2 | ✓ | 23 | 22 | 2.2 | 14 | 490 | 23 | 13 | 2 | 5 | 44 | 23 | 18 | 10 | 21 | 200 |
| | 23B ² | Kuraray laboratory process wastewater | | 10 | 10 | 17 | 33 | 3,200 | 10 | 8 | 2 | 9.55 | 200 | 10 | 8 | 17 | 29.5 | 21,000 |
| | 23C-1 ³ | Kuraray SentryGlas process wastewater (at sump after decommissioning of Terracotta pipe) | ✓ | 10 | 10 | 14 | 22 | 170 | 10 | 6 | 2 | 10.75 | 130 | 10 | 5 | 10 | 36 | 790 |
| | 23C-2 | Kuraray laboratory process wastewater (at sump after decommissioning of Terracotta pipe) | ✓ | 12 | 12 | 12 | 18.5 | 55 | 12 | 10 | 2 | 13.5 | 37 | 12 | 8 | 10 | 20 | 70 |
| | 23C-3 ³ | Kuraray Trosifol process wastewater (at sump after decommissioning of Terracotta pipe) | ✓ | 10 | 10 | 4.2 | 10.5 | 21 | 10 | 5 | 2 | 2.2 | 12 | 10 | 3 | 10 | 10 | 24 |
| NCCW | 6A | Kuraray southern leased area NCCW discharge - Vacuum Condenser | | 14 | 14 | 6.2 | 20 | 120 | 14 | 7 | 2 | 7 | 47 | 14 | 14 | 14 | 36.5 | 180 |
| | 6B | Kuraray southern leased area NCCW discharge - Resins Area | ✓ | 21 | 12 | 2 | 4.5 | 41 | 21 | 7 | 2 | 5 | 31 | 21 | 11 | 10 | 19 | 53 |
| | 9A ⁴ | Combined Chemours Monomers IXM NCCW | ✓ | 9 | 9 | 5.8 | 14 | 38 | 9 | 7 | 2 | 7.7 | 18 | 9 | 8 | 10 | 25 | 35 |
| | 24A | Chemours Monomers IXM Vinyl Ethers South NCCW | | 13 | 13 | 4.5 | 18 | 39 | 13 | 8 | 2 | 7.4 | 80 | 13 | 12 | 10 | 41 | 96 |
| | 24B | Chemours Monomers IXM Line 3 and Line 4 Extruder NCCW | | 13 | 13 | 4.7 | 11 | 48 | 13 | 7 | 2 | 5 | 35 | 13 | 13 | 15 | 24 | 44 |
| | 24C | Chemours Monomers IXM Water Return Header NCCW | | 13 | 13 | 5.6 | 19 | 270 | 13 | 9 | 3 | 10 | 6,100 | 13 | 13 | 14 | 41 | 2,900 |
| Stormwater | 2 | Kuraray northern leased area stormwater discharge | ✓ | 12 | 12 | 260 | 800 | 2,700 | 12 | 11 | 2.2 | 10.2 | 60 | 12 | 11 | 10 | 39.5 | 220 |
| | 3 | Chemours PPA area stormwater discharge | ✓ | 13 | 13 | 1,100 | 3,400 | 14,000 | 13 | 12 | 4.5 | 50 | 5,100 | 13 | 7 | 10 | 31 | 160 |
| | 4 | Combined stormwater discharge from Kuraray northern leased area and Chemours PPA area | ✓ | 13 | 13 | 100 | 520 | 10,000 | 13 | 13 | 5.4 | 18 | 410 | 13 | 6 | 10 | 11 | 130 |
| | 5 | Kuraray southern leased area stormwater | ✓ | 14 | 14 | 28 | 77 | 340 | 14 | 12 | 2 | 7.7 | 19 | 14 | 11 | 10 | 20.5 | 68 |
| | 10 ^{1,2} | Chemours Monomers IXM area stormwater discharge | | 6 | 6 | 31 | 1,250 | 15,000 | 6 | 6 | 9 | 1,370 | 5,300 | 6 | 5 | 11 | 180.5 | 3,600 |
| | 11 | Stormwater discharge from portion of grassy field to north of decommissioned Chemours Teflon area | ✓ | 12 | 12 | 31 | 470 | 4,100 | 12 | 12 | 8 | 50.5 | 340 | 12 | 12 | 18 | 125 | 1,700 |
| | 7A | Combined stormwater and NCCW discharge from western portion of the Facility | ✓ | 23 | 23 | 7.8 | 25 | 2,700 | 23 | 16 | 2 | 10 | 80 | 23 | 20 | 10 | 26 | 620 |
| Stormwater-NCCW | 9 | Chemours Monomers IXM NCCW and stormwater discharge including stormwater from Vinyl Ethers South and Vinyl Ethers North | ✓ | 22 | 22 | 25 | 120 | 12,000 | 22 | 19 | 2 | 22 | 480 | 22 | 20 | 11 | 37 | 1,100 |
| | 10A | Combined Chemours Monomers IXM NCCW and stormwater discharge | ✓ | 15 | 15 | 34 | 200 | 23,000 | 15 | 12 | 2 | 54 | 13,000 | 15 | 9 | 10 | 56 | 720 |
| | 12 | DuPont area southern drainage ditch stormwater discharge and NCCW | ✓ | 17 | 17 | 15 | 61 | 2,100 | 17 | 13 | 2 | 16 | 180 | 17 | 16 | 10 | 50 | 1,200 |
| | 13 | DuPont area northern drainage ditch stormwater discharge and NCCW | ✓ | 14 | 14 | 100 | 515 | 2,100 | 14 | 14 | 16 | 35 | 220 | 14 | 14 | 35 | 110 | 390 |
| | 14 | DuPont area southeast stormwater and NCCW discharge | ✓ | 21 | 21 | 12 | 24 | 1,600 | 21 | 14 | 2 | 8.7 | 80 | 21 | 20 | 10 | 33 | 670 |
| | 15 | Combined stormwater and NCCW discharge from eastern portion of the Facility | ✓ | 24 | 24 | 34 | 101.5 | 22,000 | 24 | 20 | 2 | 28.5 | 2,700 | 24 | 23 | 14 | 36.5 | 760 |
| | 21A | Sediment Basin South | ✓ | 15 | 14 | 4 | 57 | 420 | 15 | 13 | 2 | 11 | 110 | 15 | 13 | 10 | 34 | 180 |
| | 21B ⁵ | Sediment Basin North | ✓ | 8 | 8 | 6.4 | 31 | 64 | 8 | 7 | 2 | 14.5 | 30 | 8 | 7 | 10 | 22.5 | 39 |
| Wastewater Treatment Plant | 8 | Outfall 001 treated non-Chemours process wastewater discharge to open channel to Outfall 002 | ✓ | 24 | 24 | 73 | 200 | 500 | 24 | 22 | 2 | 175 | 20,000 | 24 | 20 | 13 | 50 | 1,000 |
| | 22 | WWTP combined influent | ✓ | 23 | 21 | 14 | 130 | 2,800 | 23 | 16 | 2 | 25 | 230 | 23 | 15 | 10 | 34 | 1,500 |
| | 23A | Kuraray northern leased area combined process wastewater and NCCW; open grate on Terracotta pipe | | 12 | 12 | 61 | 180 | 15,750 | 12 | 12 | 220 | 705 | 1,800 | 12 | 6 | 31 | 59.5 | 1,300 |
| Combined Flows to Outfall 002 | 7B | Combined stormwater and NCCW discharge from western portion of the Facility and treated discharge from WWTP | ✓ | 23 | 23 | 16 | 43 | 2,600 | 23 | 21 | 2 | 51 | 1,100 | 23 | 18 | 10 | 34 | 620 |
| | 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 | ✓ | 16 | 16 | 24 | 185 | 4,800 | 16 | 15 | 2 | 79.5 | 12,000 | 16 | 14 | 10 | 42 | 620 |
| | 20 | Outfall 002 pipe to Cape Fear River upstream of sump | ✓ | 23 | 23 | 30 | 89 | 8,200 | 23 | 20 | 2 | 48 | 850 | 23 | 20 | 10 | 37 | 620 |
| Chemours Process Wastewater | 16 | Chemours Monomers IXM Area combined process wastewater | ✓ | 12 | 12 | 250,000 | 1,650,000 | 7,800,000 | 12 | 11 | 45,000 | 100,000 | 1,300,000 | 12 | 10 | 16,000 | 70,500 | 11,000,000 |
| | 17A ⁶ | Chemours PPA Area waste acid trailer | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 17B ⁶ | Chemours PPA Area waste rinse water trailer | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Notes

Sample numbers refer to locations identified on Figures 2 and 3.

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

HFPO-DA - Hexafluoropropylene oxide dimer acid

IXM - ion exchange membrane

ng/L - nanograms per liter

NCCW - non-contact cooling water

PFAS - per- and polyfluoroalkyl substances

PFMOAA - Perfluoro-2-methoxyacetic acid

PMPA - Perfluoromethoxypropyl carboxylic acid

PPA - polymer processing aid

WWTP - Wastewater treatment plant

1 - The summary statistics and number of samples collected for Location 10 reflect wet weather events only.

2 - This sample location has less than 12 total samples because it is no longer an active location.

3 - Locations 23C-1 and 23C-2 have less than 12 total samples due to the sumps occasionally being offline. Chemours has continued to sample these locations on a bimonthly basis but acknowledges that Kuraray process wastewater has been adequately characterized at other locations (Locations 18 and 22).

4 - Location 9A has less than 12 total samples because the location was added to the sampling program after the completion of the Monomers/IXM area. Chemours has continued to sample Location 9A on a bimonthly basis but acknowledges that this water source has been adequately characterized from samples collected at Locations 24A, 24B, and 24C.

5 - Sampling is only conducted from the active sediment pond. Location 21A was active for a majority of the P11 sampling program and has been sampled 15 times. Chemours has continued to sample Location 21B on a bimonthly basis but acknowledges that this water source has been adequately characterized from samples collected at Location 21A.

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

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

| Sample Category | Sample Location ID | Sample Location Description | Currently Active Location? | Total Table 3+ (17 Compounds) (ng/L) | | | | Total Table 3+ (20 Compounds) (ng/L) | | | | EPA Method 537 Mod (ng/L) | | | |
|---------------------------------|--------------------|--|----------------------------|---|-----------|-----------|------------|---|-----------|-----------|------------|------------------------------|---------|---------|---------|
| | | | | No. of Samples | Minimum | Median | Maximum | No. of Samples | Minimum | Median | Maximum | No. of Samples | Minimum | Median | Maximum |
| Intake River Water at Facility | 1 | Discharge point of excess river water (i.e., water drawn from the Cape Fear River, but not used as process water or NCCW) to characterize background levels of PFAS | ✓ | 27 | 15 | 67 | 590 | 27 | 15 | 76 | 590 | 27 | 3 | 53 | 190 |
| Non-Chemours Process Wastewater | 18 | Kuraray process wastewater | ✓ | 23 | 2 | 35 | 560 | 23 | 2 | 37 | 790 | 22 | 2 | 14 | 340 |
| | 19A | DuPont process wastewater, Plant 1 | ✓ | 23 | 8 | 49 | 970 | 23 | 8 | 52 | 980 | 23 | 5.9 | 20 | 99 |
| | 19B | DuPont process wastewater, Plant 2 | ✓ | 22 | 4.9 | 64 | 1100 | 22 | 4.9 | 63 | 1300 | 22 | 3.8 | 23 | 77 |
| | 23B ² | Kuraray laboratory process wastewater | | 10 | 61 | 140 | 34,000 | 10 | 61 | 160 | 36,000 | 10 | 14 | 49 | 730 |
| | 23C-1 ³ | Kuraray SentryGlas process wastewater (at sump after decommissioning of Terracotta pipe) | ✓ | 10 | 78 | 140 | 1,800 | 10 | 170 | 330 | 6,400 | 10 | 55 | 170 | 1000 |
| | 23C-2 | Kuraray laboratory process wastewater (at sump after decommissioning of Terracotta pipe) | ✓ | 12 | 30 | 65 | 180 | 12 | 30 | 70 | 210 | 12 | 36 | 48 | 78 |
| NCCW | 23C-3 ³ | Kuraray Trosifol process wastewater (at sump after decommissioning of Terracotta pipe) | ✓ | 10 | 9 | 26 | 57 | 10 | 9 | 31 | 66 | 10 | 13 | 26 | 48 |
| | 6A | Kuraray southern leased area NCCW discharge - Vacuum Condenser | | 14 | 30 | 91 | 440 | 14 | 43 | 110 | 510 | 14 | 6.1 | 60 | 190 |
| | 6B | Kuraray southern leased area NCCW discharge - Resins Area | ✓ | 14 | 2.5 | 54 | 150 | 14 | 11 | 64 | 150 | 13 | 15 | 53 | 380 |
| | 9A ⁴ | Combined Chemours Monomers IXM NCCW | ✓ | 9 | 36 | 53 | 150 | 9 | 36 | 56 | 170 | 9 | 38 | 52 | 69 |
| | 24A | Chemours Monomers IXM Vinyl Ethers South NCCW | | 13 | 23 | 96 | 280 | 13 | 23 | 100 | 280 | 13 | 6.1 | 61 | 130 |
| | 24B | Chemours Monomers IXM Line 3 and Line 4 Extruder NCCW | | 13 | 29 | 55 | 160 | 13 | 29 | 68 | 190 | 13 | 7.7 | 50 | 190 |
| Stormwater | 24C | Chemours Monomers IXM Water Return Header NCCW | | 13 | 44 | 120 | 17,000 | 13 | 66 | 210 | 26,000 | 13 | 11 | 50 | 120 |
| | 2 | Kuraray northern leased area stormwater discharge | ✓ | 12 | 340 | 970 | 3,000 | 12 | 370 | 1,000 | 3,100 | 12 | 4.8 | 15 | 54 |
| | 3 | Chemours PPA area stormwater discharge | ✓ | 13 | 1,300 | 3,700 | 18,000 | 13 | 1,300 | 3,700 | 19,000 | 13 | 24 | 53 | 98 |
| | 4 | Combined stormwater discharge from Kuraray northern leased area and Chemours PPA area | ✓ | 13 | 110 | 680 | 11,000 | 13 | 110 | 720 | 11,000 | 13 | 2.3 | 9 | 58 |
| | 5 | Kuraray southern leased area stormwater | ✓ | 14 | 49 | 180 | 380 | 14 | 66 | 230 | 430 | 12 | 2.2 | 12 | 26 |
| | 10 ^{1,2} | Chemours Monomers IXM area stormwater discharge | | 6 | 90 | 6,000 | 76,000 | 6 | 110 | 6,500 | 77,000 | 6 | 65 | 88 | 420 |
| Stormwater-NCCW | 11 | Stormwater discharge from portion of grassy field to north of decommissioned Chemours Teflon area | ✓ | 12 | 190 | 1,500 | 8,900 | 12 | 190 | 1,800 | 10,000 | 12 | 6.2 | 34 | 290 |
| | 7A | Combined stormwater and NCCW discharge from western portion of the Facility | ✓ | 23 | 41 | 84 | 2900 | 23 | 52 | 100 | 2900 | 23 | 22 | 60 | 190 |
| | 9 | Chemours Monomers IXM NCCW and stormwater discharge including stormwater from Vinyl Ethers South and Vinyl Ethers North | ✓ | 22 | 110 | 430 | 40,000 | 22 | 150 | 650 | 44,000 | 22 | 39 | 70 | 550 |
| | 10A | Combined Chemours Monomers IXM NCCW and stormwater discharge | ✓ | 15 | 70 | 550 | 28,000 | 15 | 89 | 750 | 29,000 | 15 | 40 | 96 | 430 |
| | 12 | DuPont area southern drainage ditch stormwater discharge and NCCW | ✓ | 17 | 46 | 200 | 4,500 | 17 | 46 | 210 | 5,300 | 17 | 15 | 72 | 240 |
| | 13 | DuPont area northern drainage ditch stormwater discharge and NCCW | ✓ | 14 | 310 | 1,200 | 2,900 | 14 | 380 | 1,600 | 3,200 | 14 | 11 | 23 | 84 |
| | 14 | DuPont area southeast stormwater and NCCW discharge | ✓ | 21 | 46 | 110 | 2,000 | 21 | 53 | 120 | 2,000 | 21 | 12 | 64 | 280 |
| | 15 | Combined stormwater and NCCW discharge from eastern portion of the Facility | ✓ | 24 | 140 | 450 | 26,000 | 24 | 190 | 750 | 28,000 | 24 | 38 | 68 | 390 |
| | 21A | Sediment Basin South | ✓ | 15 | 25 | 170 | 1,800 | 15 | 25 | 190 | 3,000 | 15 | 2.8 | 70 | 180 |
| Wastewater Treatment Plant | 21B ⁵ | Sediment Basin North | ✓ | 8 | 27 | 110 | 190 | 8 | 38 | 120 | 250 | 8 | 33 | 64 | 110 |
| | 8 | Outfall 001 treated non-Chemours process wastewater discharge to open channel to Outfall 002 | ✓ | 24 | 200 | 750 | 31,000 | 24 | 260 | 1,000 | 36,000 | 24 | 17 | 49 | 160 |
| | 22 | WWTP combined influent | ✓ | 23 | 25 | 300 | 4,400 | 23 | 28 | 760 | 18,000 | 22 | 5.4 | 34 | 320 |
| Combined Flows to Outfall 002 | 23A | Kuraray northern leased area combined process wastewater and NCCW; open grate on Terracotta pipe | | 12 | 800 | 6,800 | 29,000 | 12 | 1,300 | 9,100 | 38,000 | 12 | 62 | 200 | 960 |
| | 7B | Combined stormwater and NCCW discharge from western portion of the Facility and treated discharge from WWTP | ✓ | 23 | 58 | 300 | 3,000 | 23 | 58 | 370 | 3,200 | 23 | 15 | 61 | 960 |
| | 7C | Combined stormwater and NCCW discharge from western portion of the Facility, the eastern portion of the Facility, and the DuPont Area, and treated discharge from WWTP | ✓ | 16 | 120 | 710 | 13,000 | 16 | 170 | 810 | 13,000 | 16 | 43 | 59 | 110 |
| Chemours Process Wastewater | 20 | Outfall 002 pipe to Cape Fear River upstream of sump | ✓ | 23 | 120 | 270 | 9,400 | 23 | 160 | 430 | 10,000 | 23 | 35 | 61 | 190 |
| | 16 | Chemours Monomers IXM Area combined process wastewater | ✓ | 12 | 1,300,000 | 3,600,000 | 47,000,000 | 12 | 1,500,000 | 4,300,000 | 56,000,000 | 12 | 32,000 | 100,000 | 440,000 |
| | 17A ⁶ | Chemours PPA Area waste acid trailer | | 2 | - | - | - | 2 | - | - | - | 2 | - | - | - |
| | 17B ⁶ | Chemours PPA Area waste rinse water trailer | | 2 | - | - | - | 2 | - | - | - | 2 | - | - | - |

Notes

Sample numbers refer to locations identified in Figure 2.

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

Total Table 3+ (17 compounds) concentration includes HFPO-DA results evaluated by EPA Method 537 Mod and does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.

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

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

HFPO-DA - Hexafluoropropylene oxide dimer acid

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

IXM - ion exchange membrane

ng/L - nanograms per liter

NCCW - non-contact cooling water

PFAS - per- and polyfluoroalkyl substances

PPA - polymer processing aid

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

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

WWTP - Wastewater treatment plant

1 - The summary statistics and number of samples collected for Location 10 reflect wet weather events only.

2 - This sample location has less than 12 total samples because it is no longer an active location.

3 - Locations 23C-1 and 23C-2 have less than 12 total samples due to the sumps occasionally being offline. Chemours has continued to sample these locations on a bimonthly basis but acknowledges that Kuraray process wastewater has been adequately characterized at other locations (Locations 18 and 22).

4 - Location 9A has less than 12 total samples because the location was added to the sampling program after the completion of the Monomers/IXM area. Chemours has continued to sample Location 9A on a bimonthly basis but acknowledges that this water source has been adequately characterized from samples collected at Locations 24A, 24B, and 24C.

5 - Sampling is only conducted from the active sediment pond. Location 21A was active for a majority of the P11 sampling program and has been sampled 15 times. Chemours has continued to sample Location 21B on a bimonthly basis but acknowledges that this water source has been adequately characterized from samples collected at Location 21A.

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

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

| Sample Category | Sample Location ID | Sample Location Description | Currently Active Location? | Total Table 3+ (ng/L) | | | EPA Method 537 Mod (ng/L) | | |
|---------------------------------|--------------------|--|----------------------------|-----------------------|--------------|---|---------------------------|--------------|---|
| | | | | Result | p-value | Comparison to River Water Intake ¹ | Result | p-value | Comparison to River Water Intake ¹ |
| Intake River Water at Facility | 1 | Discharge point of excess river water (i.e., water drawn from the Cape Fear River, but not used as process water or NCCW) to characterize background levels of PFAS | ✓ | - | - | - | - | - | - |
| Non-Chemours Process Wastewater | 18 | Kuraray process wastewater | ✓ | -2.54 | 0.011 | Lower | -3.87 | 0.000 | Lower |
| | 19A | DuPont process wastewater, Plant 1 | ✓ | -1.14 | 0.255 | Not Different | -4.01 | 0.000 | Lower |
| | 19B | DuPont process wastewater, Plant 2 | ✓ | -0.43 | 0.666 | Not Different | -3.56 | 0.000 | Lower |
| | 23B | Kuraray laboratory process wastewater | | - | - | NA ² | - | - | NA ² |
| | 23C-1 | Kuraray SentryGlas process wastewater (at sump after decommissioning of Terracotta pipe) | ✓ | 2.74 | 0.006 | Higher | 3.45 | 0.001 | Higher |
| | 23C-2 | Kuraray laboratory process wastewater (at sump after decommissioning of Terracotta pipe) | ✓ | 0.27 | 0.784 | Not Different | -0.84 | 0.403 | Not Different |
| | 23C-3 | Kuraray Trosifol process wastewater (at sump after decommissioning of Terracotta pipe) | ✓ | -2.94 | 0.003 | Lower | -3.61 | 0.000 | Lower |
| NCCW | 6A | Kuraray southern leased area NCCW discharge - Vacuum Condenser | | 1.36 | 0.174 | Not Different | 1.15 | 0.248 | Not Different |
| | 6B | Kuraray southern leased area NCCW discharge - Resins Area | ✓ | -1.29 | 0.196 | Not Different | 0.64 | 0.525 | Not Different |
| | 9A | Combined Chemours Monomers IXM NCCW | ✓ | -0.46 | 0.648 | Not Different | -0.27 | 0.784 | Not Different |
| | 24A | Chemours Monomers IXM Vinyl Ethers South NCCW | | - | - | NA ² | - | - | NA ² |
| | 24B | Chemours Monomers IXM Line 3 and Line 4 Extruder NCCW | | - | - | NA ² | - | - | NA ² |
| | 24C | Chemours Monomers IXM Water Return Header NCCW | | - | - | NA ² | - | - | NA ² |
| Stormwater | 2 | Kuraray northern leased area stormwater discharge | ✓ | 4.84 | 0.000 | Higher | -3.96 | 0.000 | Lower |
| | 3 | Chemours PPA area stormwater discharge | ✓ | 5.07 | 0.000 | Higher | -0.04 | 0.965 | Not Different |
| | 4 | Combined stormwater discharge from Kuraray northern leased area and Chemours PPA area | ✓ | 4.72 | 0.000 | Higher | -4.24 | 0.000 | Lower |
| | 5 | Kuraray southern leased area stormwater | ✓ | 3.63 | 0.000 | Higher | -4.59 | 0.000 | Lower |
| | 10 | Chemours Monomers IXM area stormwater discharge | | - | - | NA ² | - | - | NA ² |
| | 11 | Stormwater discharge from portion of grassy field to north of decommissioned Chemours Teflon area | ✓ | 4.75 | 0.000 | Higher | -0.55 | 0.584 | Not Different |
| Stormwater-NCCW | 7A | Combined stormwater and NCCW discharge from western portion of the Facility | ✓ | 2.19 | 0.029 | Higher | 0.89 | 0.376 | Not Different |
| | 9 | Chemours Monomers IXM NCCW and stormwater discharge including stormwater from Vinyl Ethers South and Vinyl Ethers North | ✓ | 5.19 | 0.000 | Higher | 2.75 | 0.006 | Higher |
| | 10A | Combined Chemours Monomers IXM NCCW and stormwater discharge | ✓ | 4.45 | 0.000 | Higher | 2.66 | 0.008 | Higher |
| | 12 | DuPont area southern drainage ditch stormwater discharge and NCCW | ✓ | 3.46 | 0.001 | Higher | 0.90 | 0.366 | Not Different |
| | 13 | DuPont area northern drainage ditch stormwater discharge and NCCW | ✓ | 5.06 | 0.000 | Higher | -3.52 | 0.000 | Lower |
| | 14 | DuPont area southeast stormwater and NCCW discharge | ✓ | 2.19 | 0.028 | Higher | 1.28 | 0.201 | Not Different |
| | 15 | Combined stormwater and NCCW discharge from eastern portion of the Facility | ✓ | 5.45 | 0.000 | Higher | 2.55 | 0.011 | Higher |
| | 21A | Sediment Basin South | ✓ | 2.59 | 0.010 | Higher | 0.64 | 0.520 | Not Different |
| | 21B | Sediment Basin North | ✓ | 1.57 | 0.116 | Not Different | 0.86 | 0.387 | Not Different |
| Wastewater Treatment Plant | 8 | Outfall 001 treated non-Chemours process wastewater discharge to open channel to Outfall 002 | ✓ | 5.89 | 0.000 | Higher | -0.13 | 0.895 | Not Different |
| | 22 | WWTP combined influent | ✓ | 4.58 | 0.000 | Higher | -1.62 | 0.106 | Not Different |
| | 23A | Kuraray northern leased area combined process wastewater and NCCW; open grate on Terracotta pipe | | - | - | NA ² | - | - | NA ² |
| Combined Flows to Outfall 002 | 7B | Combined stormwater and NCCW discharge from western portion of the Facility and treated discharge from WWTP | ✓ | 4.21 | 0.000 | Higher | 1.14 | 0.255 | Not Different |
| | 7C | Combined stormwater and NCCW discharge from western portion of the Facility, the eastern portion of the Facility, and the DuPont Area, and treated discharge from WWTP | ✓ | 4.85 | 0.000 | Higher | 1.13 | 0.258 | Not Different |
| | 20 | Outfall 002 pipe to Cape Fear River upstream of sump | ✓ | 5.11 | 0.000 | Higher | 2.10 | 0.036 | Higher |
| Chemours Process Wastewater | 16 | Chemours Monomers IXM Area combined process wastewater | ✓ | 4.93 | 0.000 | Higher | 4.93 | 0.000 | Higher |
| | 17A | Chemours PPA Area waste acid trailer | | - | - | NA ³ | - | - | NA ³ |
| | 17B | Chemours PPA Area waste rinse water trailer | | - | - | NA ³ | - | - | NA ³ |

Notes

Sample numbers refer to locations identified in Figure 2.

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

Total Table 3+ concentration includes HFPO-DA results evaluated by EPA Method 537 Mod and does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.

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

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

HFPO-DA - Hexafluoropropylene oxide dimer acid

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

IXM - ion exchange membrane

ng/L - nanograms per liter

NCCW - non-contact cooling water

PFAS - per- and polyfluoroalkyl substances

PPA - polymer processing aid

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

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

WWTP - Wastewater treatment plant

1 - Higher: Concentrations at this location are significantly higher than Location 1 (Intake River Water at Facility)

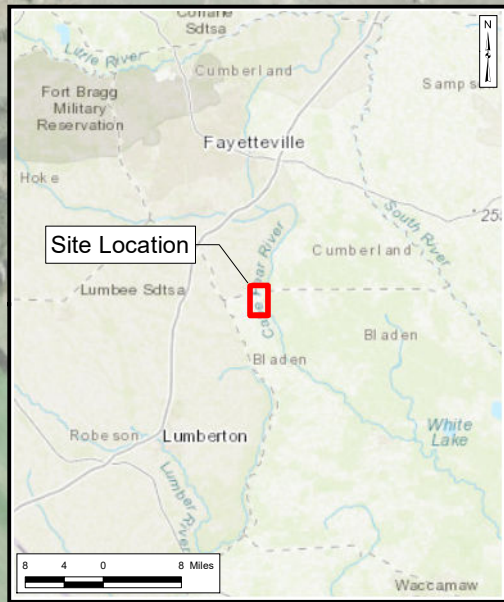
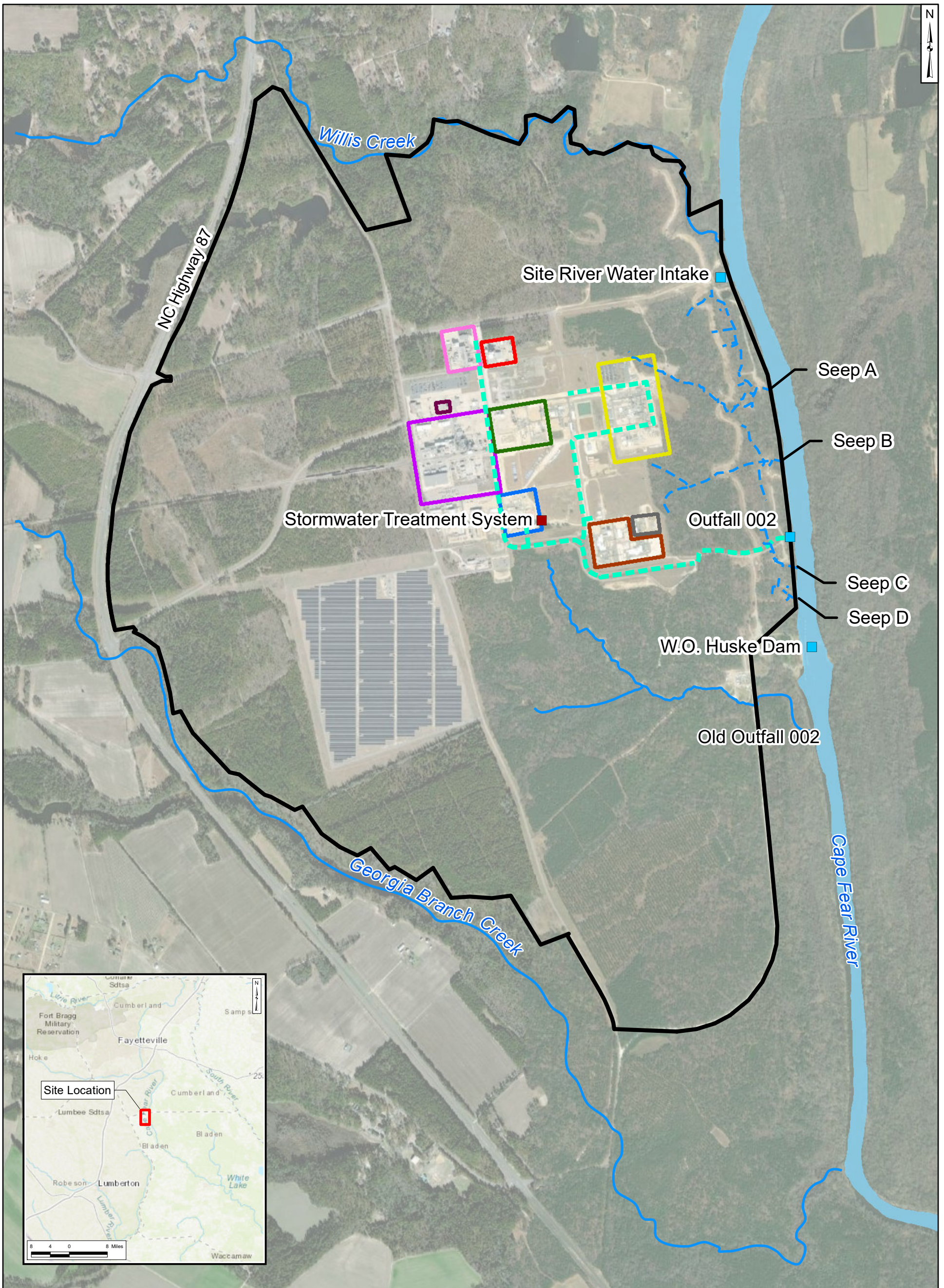
Lower: Concentrations at this location are significantly lower than Location 1 (Intake River Water at Facility)

Not Different: Concentrations at this location are not significantly different than Location 1 (Intake River Water at Facility)

2 - Locations 6A, 10, 23A, 23B, 24A, 24B, and 24C are not currently active locations. Comparison to Location 1 was not analyzed for these locations.

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

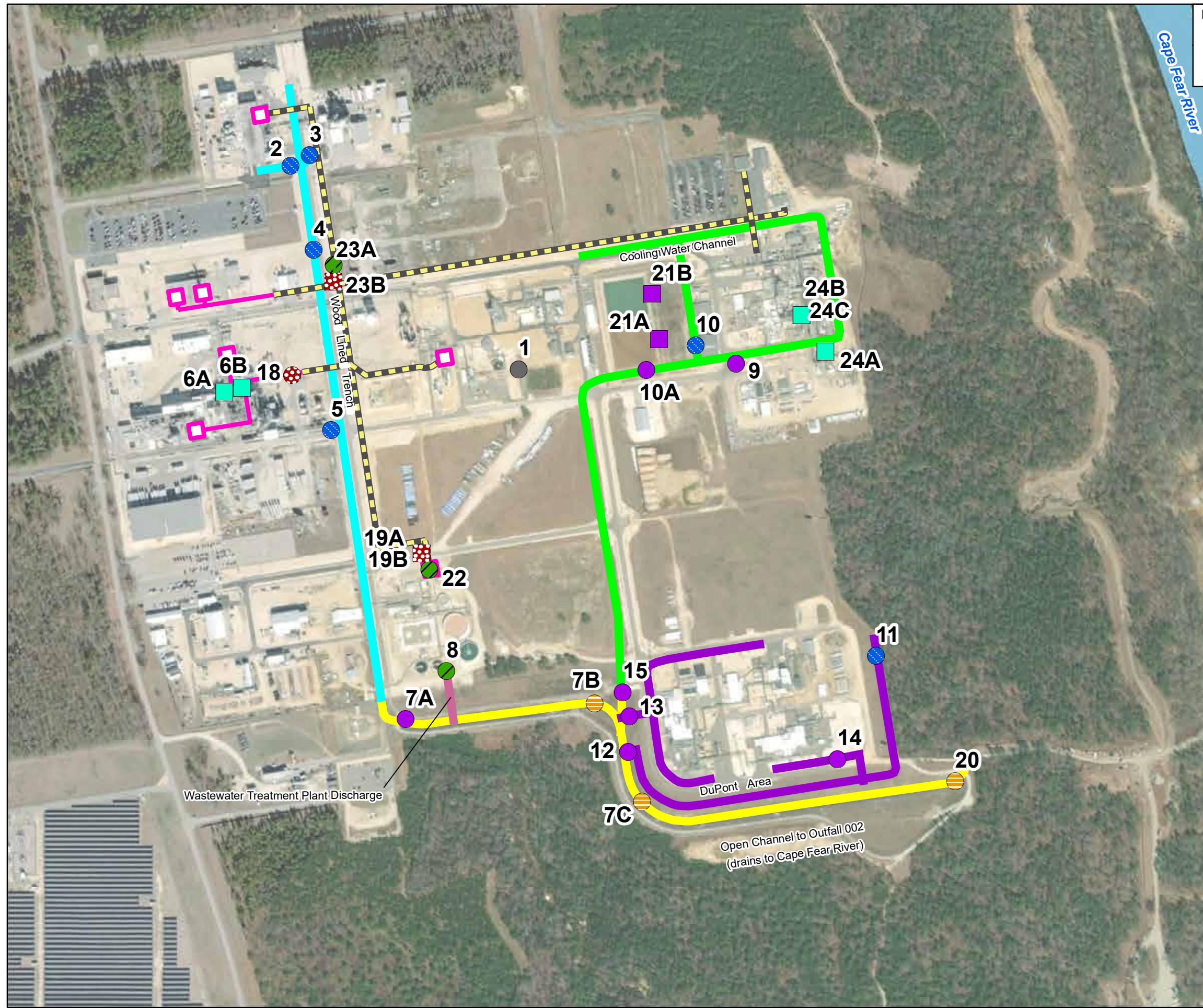
Figures



| Legend | | Areas at Site | |
|---|-------------------------|--|---|
| ■ | Stormwater Treatment | | Chemours Monomers IXM |
| ■ | Site Features | | Chemours Polymer Processing Aid Area |
| | Site Boundary | | DuPont Polyvinyl Fluoride Leased Area |
| — | Nearby Tributary | | Former DuPont PMDF Area |
| - - - | Observed Seep (Natural) | | Kuraray Trosifol® Leased Area |
| - - - | Site Conveyance Network | | Wastewater Treatment Plant |
| | | | Power - Filtered and Demineralized Water Production |
| | | | Kuraray SentryGlas® Leased Area |
| | | | Kuraray Laboratory |

| | |
|---|---|
| | |
| Site Location Map Chemours Fayetteville Works, North Carolina | |
| Geosyntec consultants | Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295 |
| Raleigh | July 2023 |
| Figure 1 | |

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



Legend

- Temporal Composite Sample
- Grab Sample

Sample Location Category

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

Ditch Type

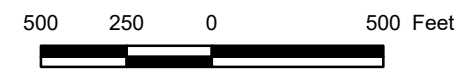
- Wood Lined Trench
- Wastewater Treatment Plant Discharge
- Cooling Water Channel
- Open Channel to Outfall 002
- DuPont Area

Other Connections

- Pipe Connection to Facility
- Terracotta Pipe and Piping Connected to Terracotta Pipe
- Grouted and/or Abandoned Pipe Section

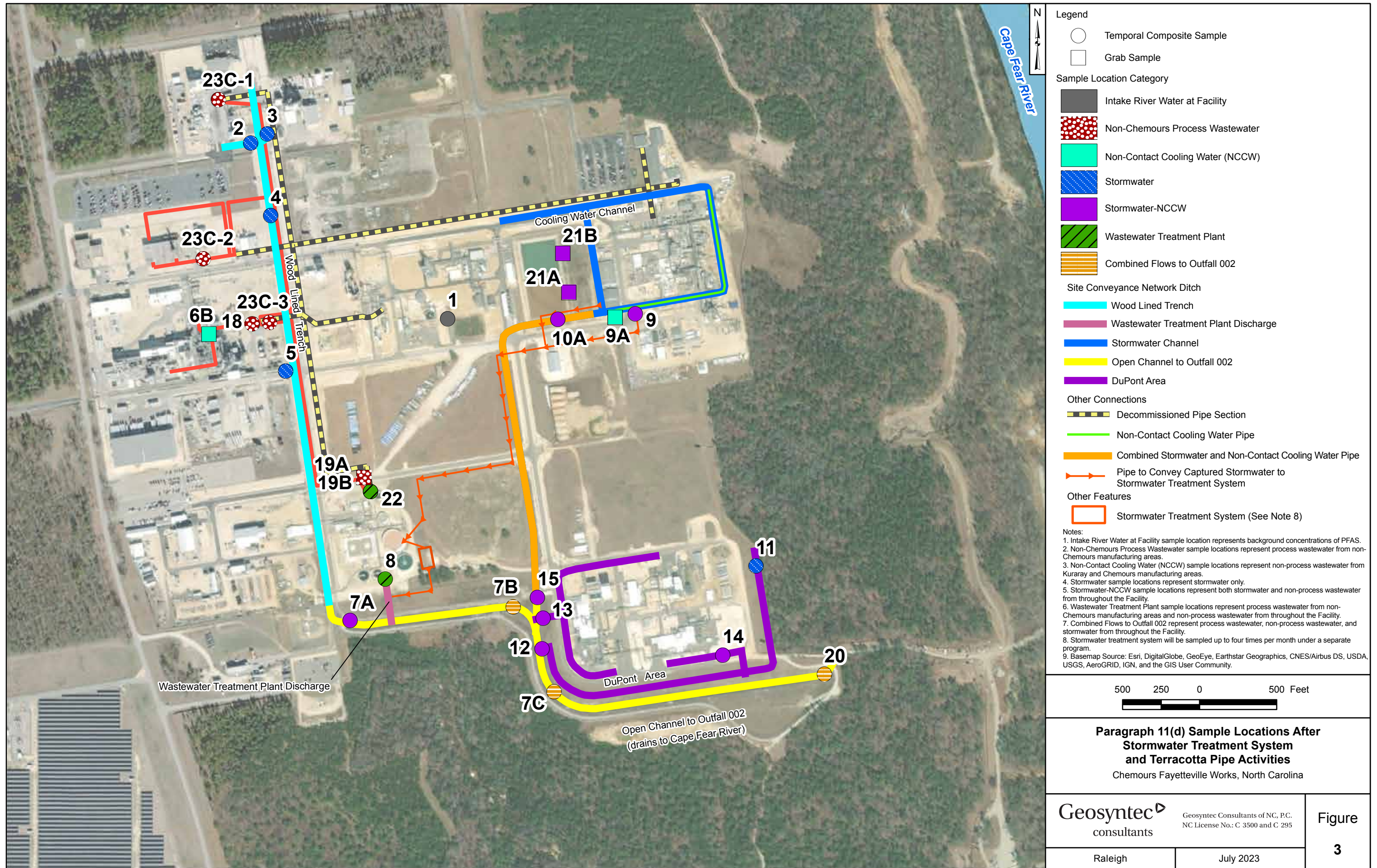
Notes:

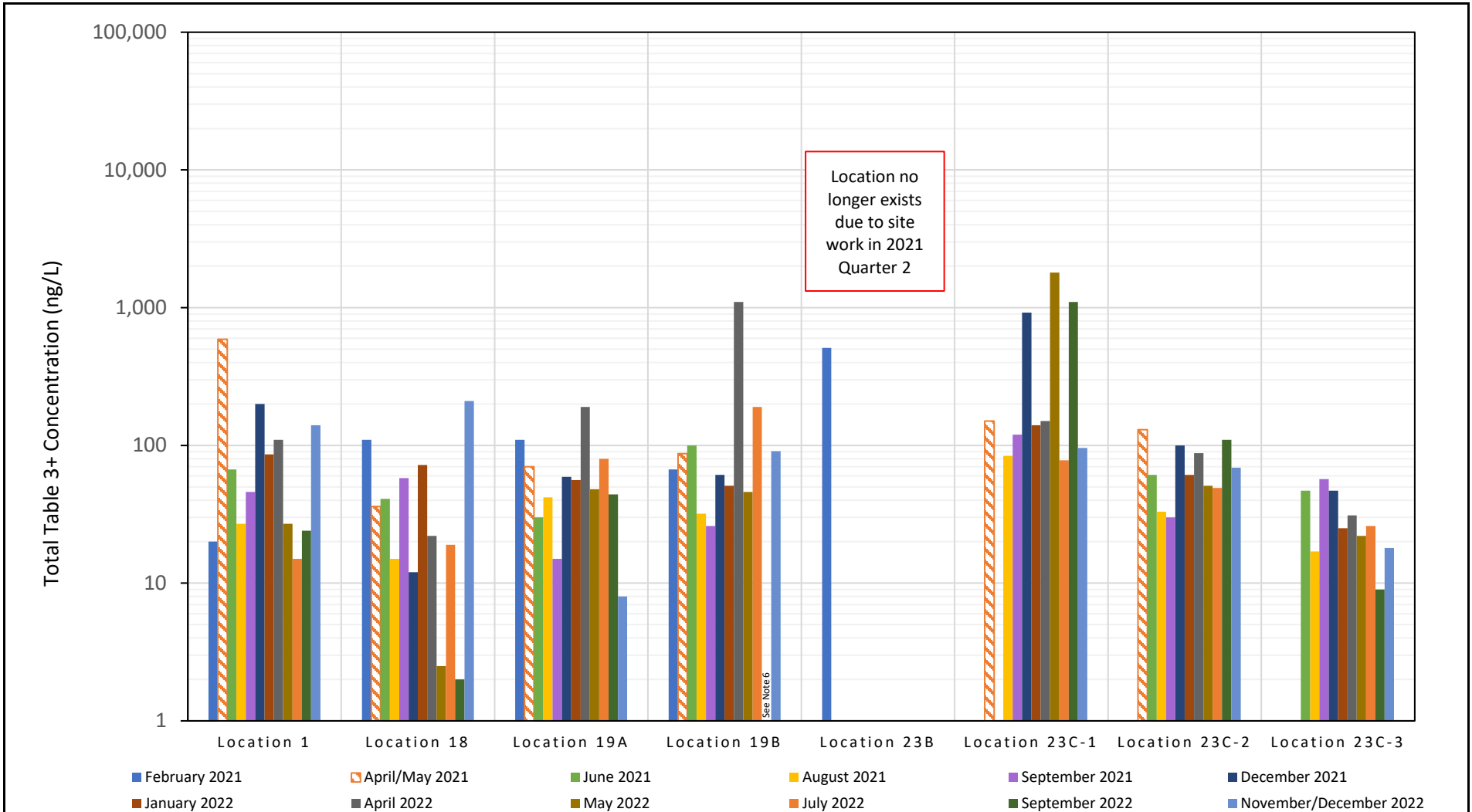
1. Intake River Water at Facility sample location represents background concentrations of PFAS.
2. Non-Chemours Process Wastewater sample locations represent process wastewater from non-Chemours manufacturing areas.
3. Non-Contact Cooling Water (NCCW) sample locations represent non-process wastewater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



**Paragraph 11(d) Sample Locations
Prior to Stormwater Treatment System
and Terracotta Pipe Activities**
Chemours Fayetteville Works, North Carolina

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



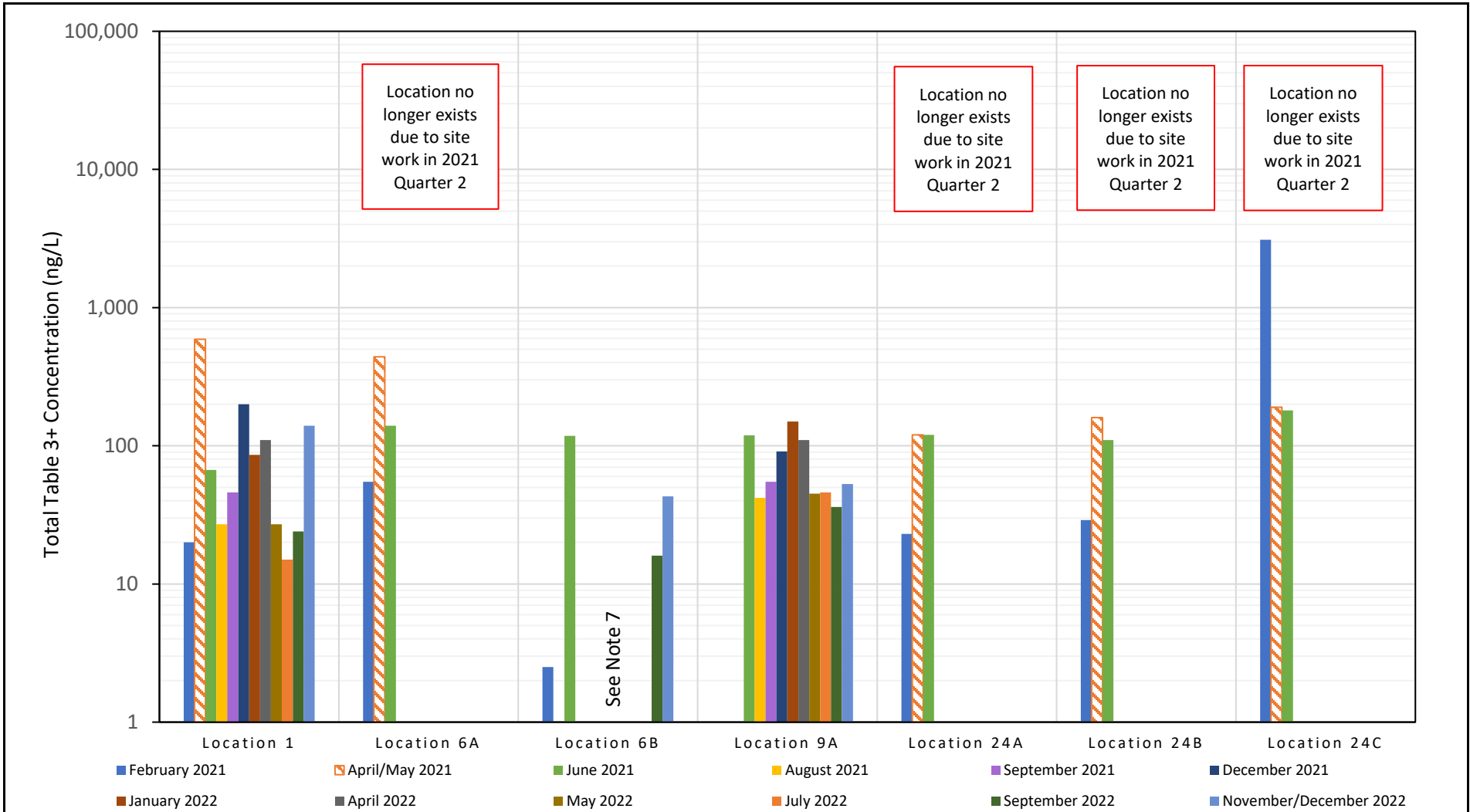


Notes:

1. ng/L - nanograms per liter
2. Total Table 3+ 17 compound sums presented.
3. Location 1 represents background concentrations. Other locations represent process wastewater from non-Chemours manufacturing areas. See Figures 2 and 3 for sample locations.
4. April/May 2021 samples analyzed using high level method for Table 3+ PFAS and indicated by orange hatching.
5. The April/May 2021 and June 2021 events were collected in dry conditions.
6. Location-Month combinations with no data indicate no sample was collected. Non-detect results, when they occur, are indicated on the graph with a note.

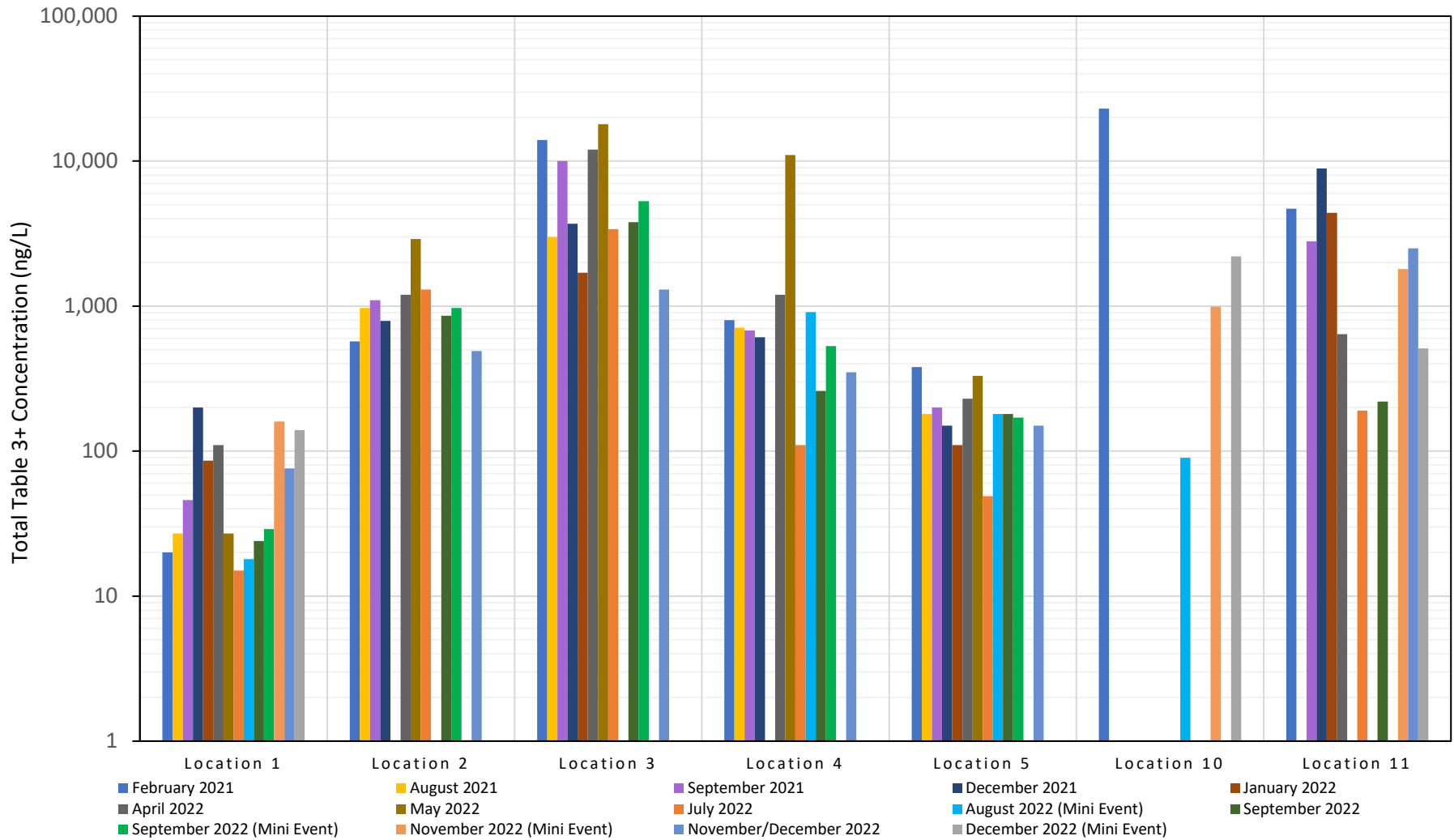
Location 1 - Intake River Water at Facility
 Location 18 - Kuraray process wastewater
 Location 19A - DuPont process wastewater, Plant 1
 Location 19B - DuPont process wastewater, Plant 2
 Location 23B - Kuraray laboratory process wastewater (prior to decommissioning of Terracotta pipe)
 Location 23C-1 - Kuraray SentryGlas process wastewater (at sump after decommissioning of Terracotta pipe)
 Location 23C-2 - Kuraray laboratory process wastewater (at sump after decommissioning of Terracotta pipe)
 Location 23C-3 - Kuraray Trosifol process wastewater (at sump after decommissioning of Terracotta pipe)

| | |
|---|---|
| Total Table 3+ Concentrations Non-Chemours Process Wastewater Chemours Fayetteville Works, North Carolina | |
| Geosyntec consultants | Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295 |
| Raleigh, NC | July 2023 |
| Figure 4A | |



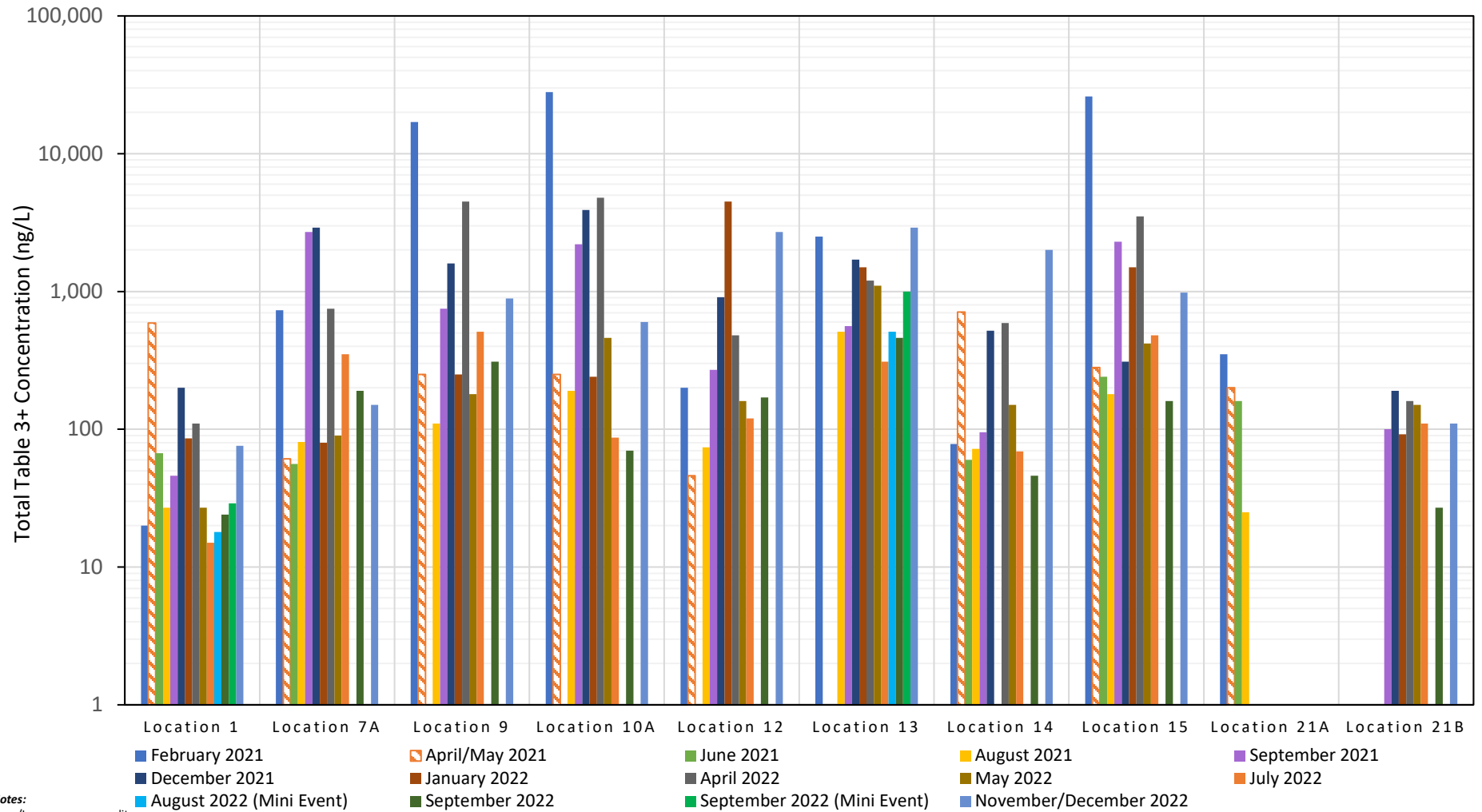
- Notes:**
1. ng/L - nanograms per liter
 2. Total Table 3+ 17 compound sums presented.
 3. Location 1 represents background concentrations. Other locations represent non-process wastewater from Kuraray and Chemours manufacturing areas. See Figures 2 and 3 for sample locations.
 4. April/May 2021 samples analyzed using high level method for Table 3+ PFAS and indicated by orange hatching.
 5. The April/May 2021 and June 2021 events were collected in dry conditions.
 6. Location-Month combinations with no data indicate no sample was collected. Non-detect results, when they occur, are indicated on the graph with a note.
 7. At Location 6B, sample results were all non-detect when a sample was collected between August 2021 and July 2022. No sample was collected in June 2021.
- Location 1 - Intake River Water at Facility
 Location 6A - Kuraray southern leased area non-process wastewater discharge - Vacuum Condenser
 Location 6B - Kuraray southern leased area non-process wastewater discharge - Resins Area
 Location 24A - Chemours Monomers Ion Exchange Materials (IXM) Vinyl Ethers South non-process wastewater
 Location 24B - Chemours Monomers IXM Line 3 and Line 4 Extruder non-process wastewater
 Location 24C - Chemours Monomers IXM Water Return Header non-process wastewater

| | |
|---|---|
| Total Table 3+ Concentrations Non-Contact Cooling Water Chemours Fayetteville Works, North Carolina | |
| Geosyntec consultants | Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295 |
| Raleigh, NC | July 2023 |
| Figure 4B | |



Notes:
 1. ng/L - nanograms per liter
 2. Total Table 3+ 17 compound sums presented.
 3. Location 1 represents background concentrations. Other locations represent stormwater only. See Figures 2 and 3 for sample locations.
 4. Location-Month combinations with no data indicate no sample was collected. Non-detect results, when they occur, are indicated on the graph with a note.
 Location 1 - Intake River Water at Facility
 Location 2 - Kuraray southern leased area stormwater
 Location 3 - Chemours Polymer Processing Aid (PPA) area stormwater discharge
 Location 4 - Combined stormwater from Kuraray northern leased area and Chemours PPA area
 Location 5 - Kuraray southern leased area stormwater
 Location 10 - Chemours Monomers Ion Exchange Materials (IXM) area stormwater discharge
 Location 11 - Stormwater discharge from portion of grassy field to north of decommissioned Chemours Teflon area

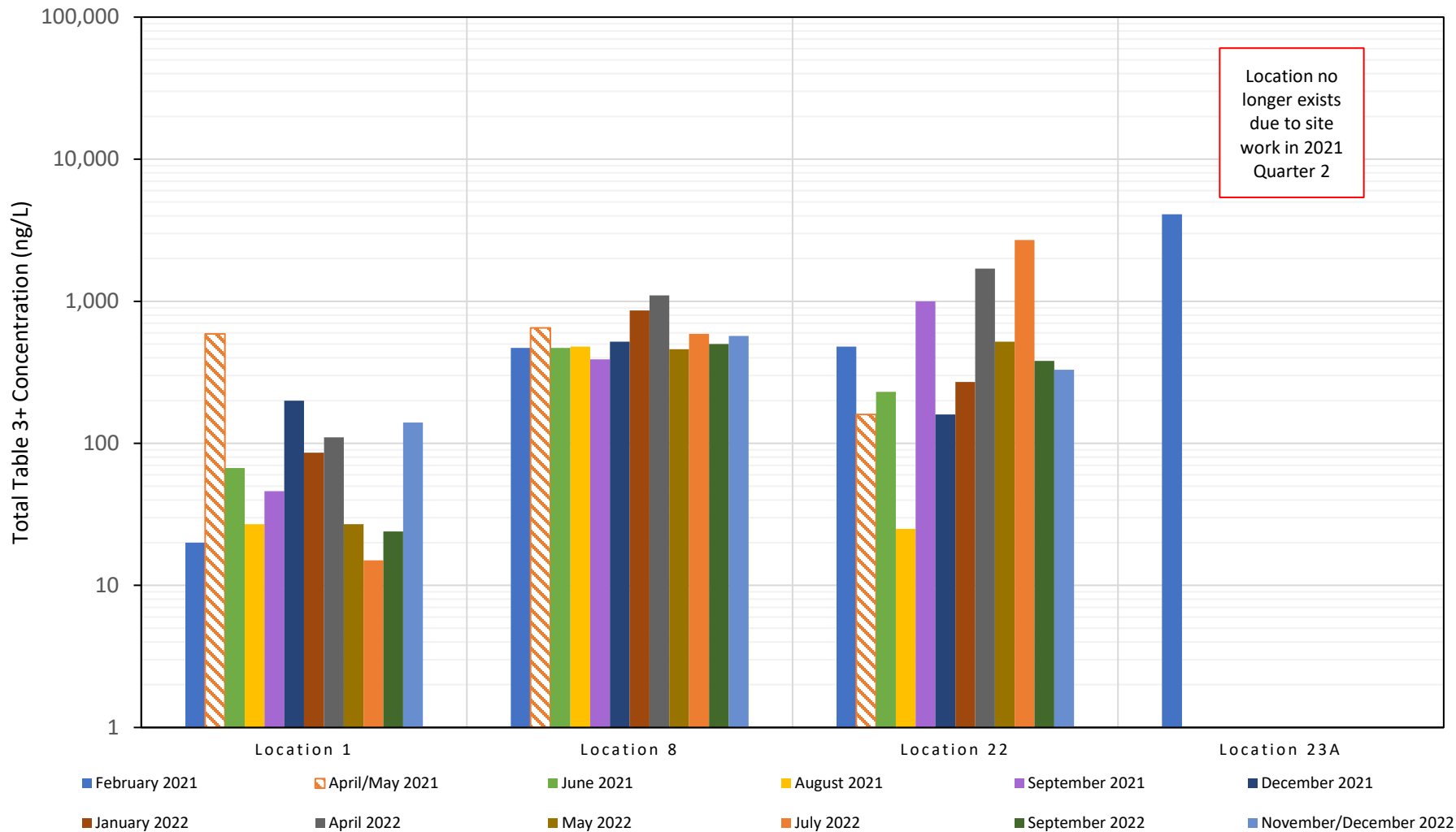
| | |
|--|---|
| Total Table 3+ Concentrations Stormwater Chemours Fayetteville Works, North Carolina | |
| Geosyntec consultants | Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295 |
| Raleigh, NC | July 2023 |
| Figure 4C | |



Notes:
 1. ng/L - nanograms per liter
 2. Total Table 3+ 17 compound sums presented.
 3. Location 1 represents background concentrations. Other locations represent both stormwater and non-process wastewater from throughout the Facility. See Figures 2 and 3 for sample locations.
 4. April/May 2021 samples analyzed using high level method for Table 3+ PFAS and indicated by orange hatching.
 5. The April/May 2021 and June 2021 events were collected in dry conditions.
 6. Location-Month combinations with no data indicate no sample was collected. Non-detect results, when they occur, are indicated on the graph with a note.


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

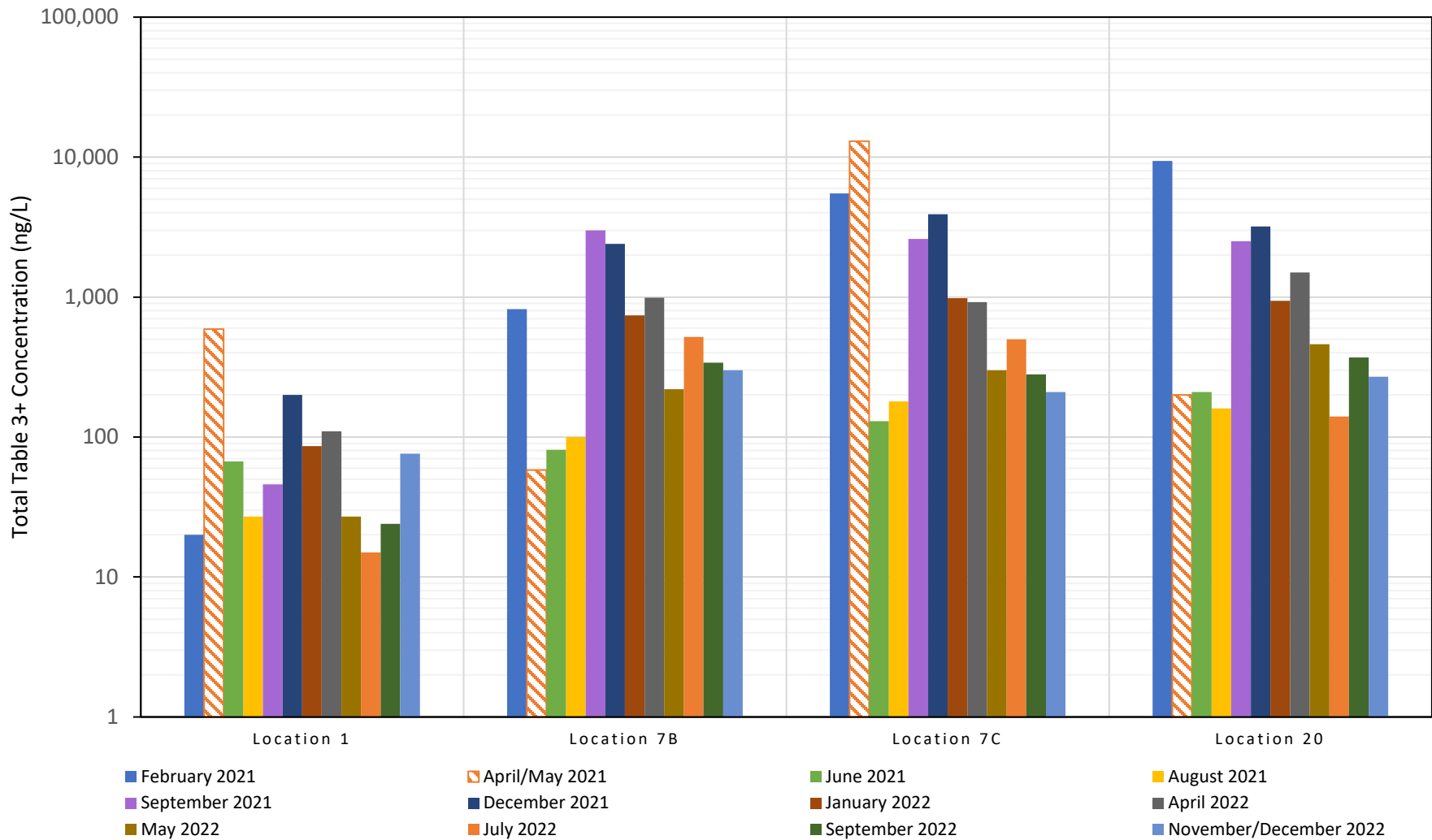
| | |
|--|---|
| Total Table 3+ Concentrations Stormwater-Non-Contact Cooling Water Chemours Fayetteville Works, North Carolina | |
| Geosyntec consultants | Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295 |
| Raleigh, NC | July 2023 |
| Figure 4D | |



Location no longer exists due to site work in 2021 Quarter 2

- Notes:**
1. ng/L - nanograms per liter
 2. Total Table 3+ 17 compound sums presented.
 3. Location 1 represents background concentrations. Other locations represent process wastewater from non-Chemours manufacturing areas and non-process wastewater from throughout the Facility. See Figures 2 and 3 for sample locations.
 4. April/May 2021 samples analyzed using high level method for Table 3+ PFAS and indicated by orange hatching.
 5. The April/May 2021 and June 2021 events were collected in dry conditions.
 6. Location-Month combinations with no data indicate no sample was collected. Non-detect results, when they occur, are indicated on the graph with a note.
- Location 1 - Intake River Water at Facility
 Location 8 - Wastewater Treatment Plant (WWTP) Effluent
 Location 22 - WWTP Influent
 Location 23A - Terracotta Pipe

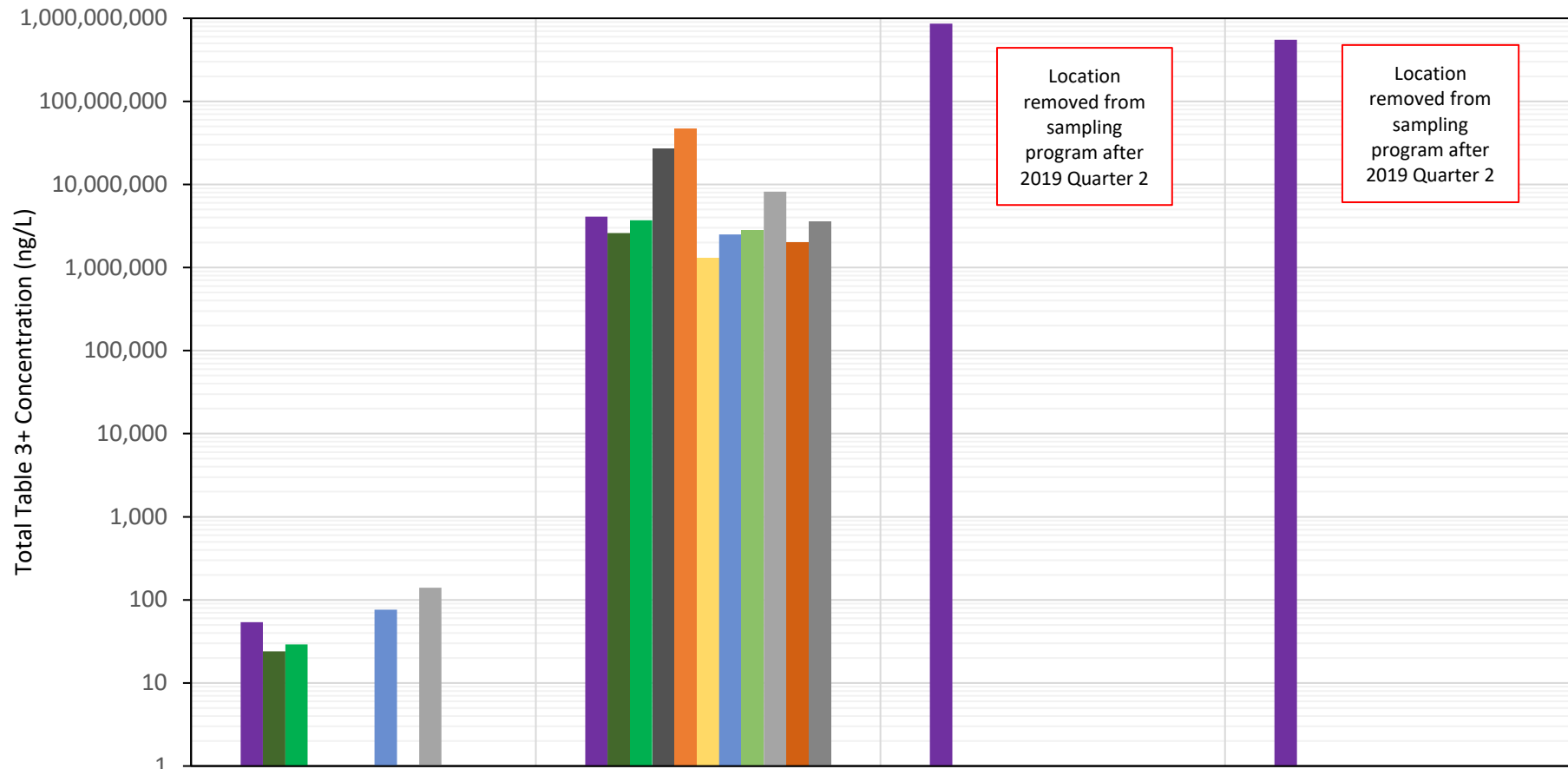
| | |
|---|---|
| Total Table 3+ Concentrations Wastewater Treatment Plant Chemours Fayetteville Works, North Carolina | |
|  | Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295 |
| Raleigh, NC | July 2023 |
| Figure 4E | |



Notes:

1. ng/L - nanograms per liter
 2. Total Table 3+ 17 compound sums presented.
 3. Location 1 represents background concentrations. Other locations represent process wastewater, non-process wastewater, and stormwater from throughout the Facility. See Figures 2 and 3 for sample locations.
 4. April/May 2021 samples analyzed using high level method for Table 3+ PFAS and indicated by orange hatching.
 5. The April/May 2021 and June 2021 events were collected in dry conditions.
 6. Location-Month combinations with no data indicate no sample was collected. Non-detect results, when they occur, are indicated on the graph with a note.
- Location 1 - Intake River Water at Facility
 Location 7B - Combined stormwater and non-process wastewater from western portion of the Facility and treated discharge from the wastewater treatment plant (WWTP)
 Location 7C - Combined stormwater and non-process wastewater from western portion of the Facility, the eastern portion of the Facility, and the DuPont Area, and treated discharge from WWTP
 Location 20 - Outfall 002

| | |
|--|---|
| Total Table 3+ Concentrations Combined Flows to Outfall 002 Chemours Fayetteville Works, North Carolina | |
| | Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295 |
| Raleigh, NC | July 2023 |
| Figure 4F | |



April 2019
 September 2022
 September 2022 (Mini Event)
 October 2022

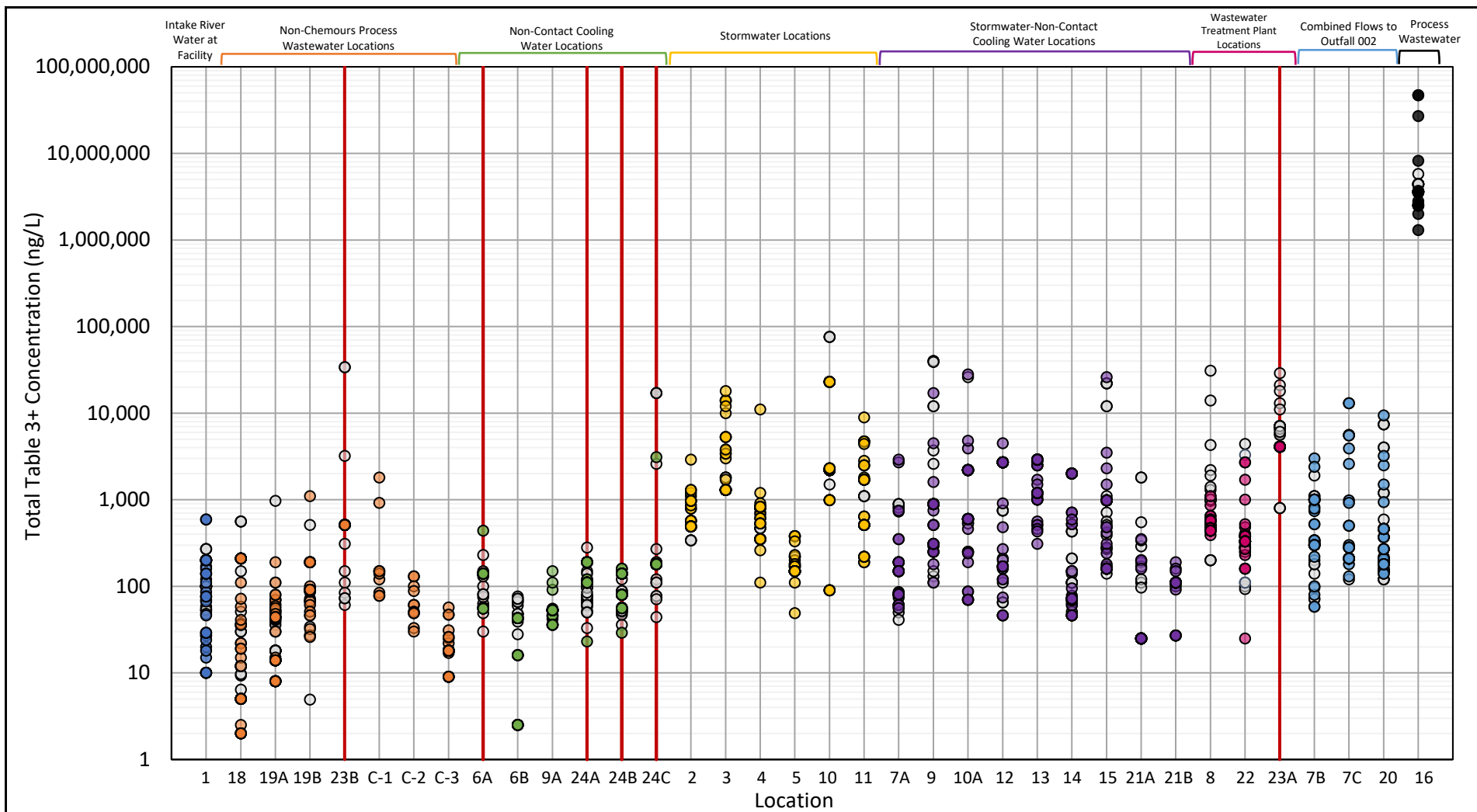
October 2022
 November 2022
 November/December 2022
 December 2022

December 2022 (Mini Event)
 December 2022
 December 2022

Notes:

1. ng/L - nanograms per liter
 2. Total Table 3+ 17 compound sums presented.
 3. Location 1 represents background concentrations. Other locations represent process wastewater from throughout the Facility. See Figures 2 and 3 for sample locations.
 4. Locations 17A and 17B were removed from the sampling program after 2019 Quarter 2 because polymer processing aid (PPA) wastewater does not discharge through Outfall 002.
 5. Location-Month combinations with no data indicate no sample was collected. Non-detect results, when they occur, are indicated on the graph with a note.
- Location 1 - Intake River Water at Facility
 Location 16 - Chemours Monomers IXM Area combined process wastewater
 Location 17A - Chemours PPA Area waste acid trailer
 Location 17B - Chemours PPA Area waste rinse water trailer

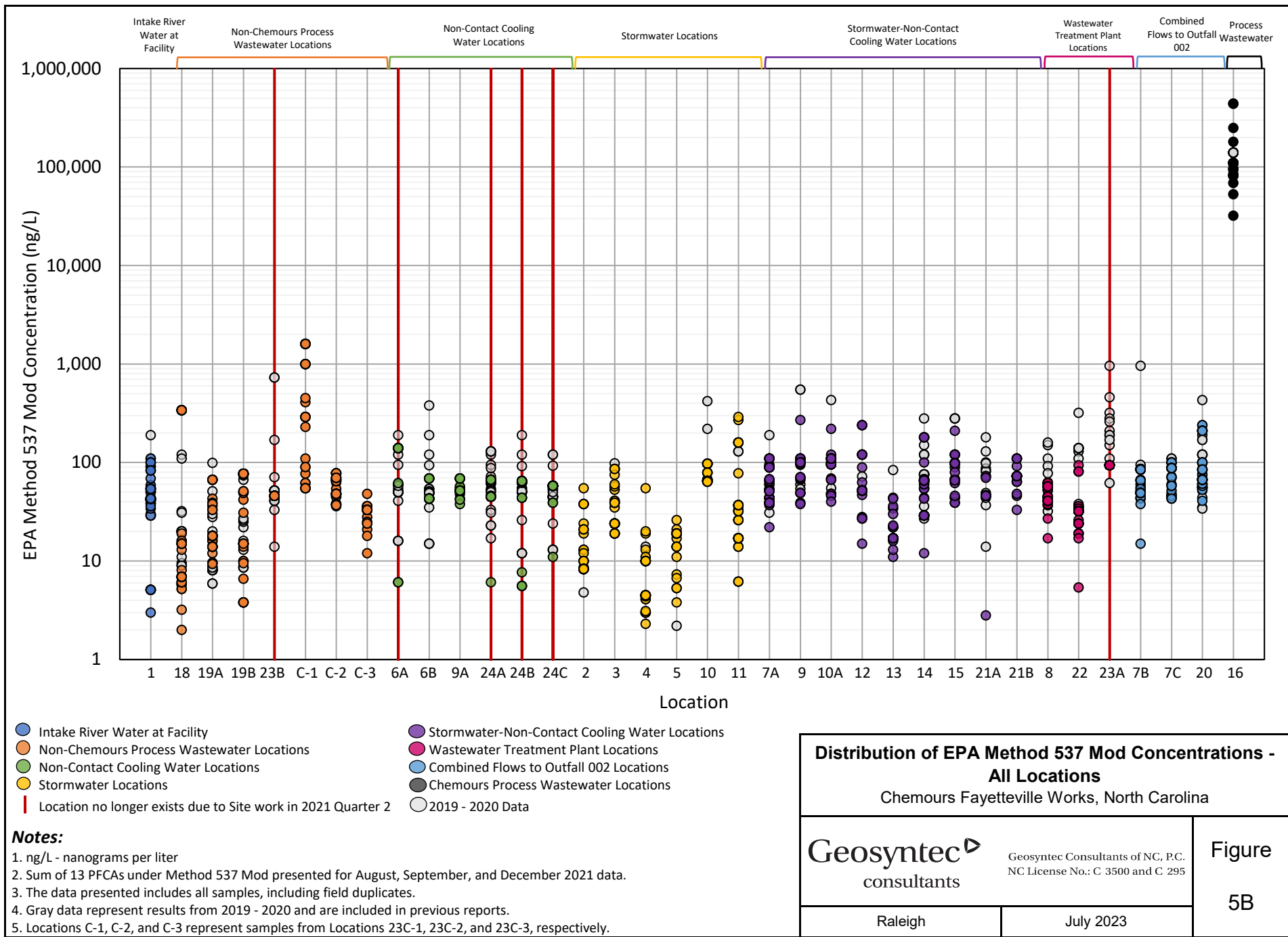
| | |
|---|---|
| Total Table 3+ Concentrations Chemours Process Wastewater Chemours Fayetteville Works, North Carolina | |
| Geosyntec consultants | Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295 |
| Raleigh, NC | July 2023 |
| Figure 4G | |

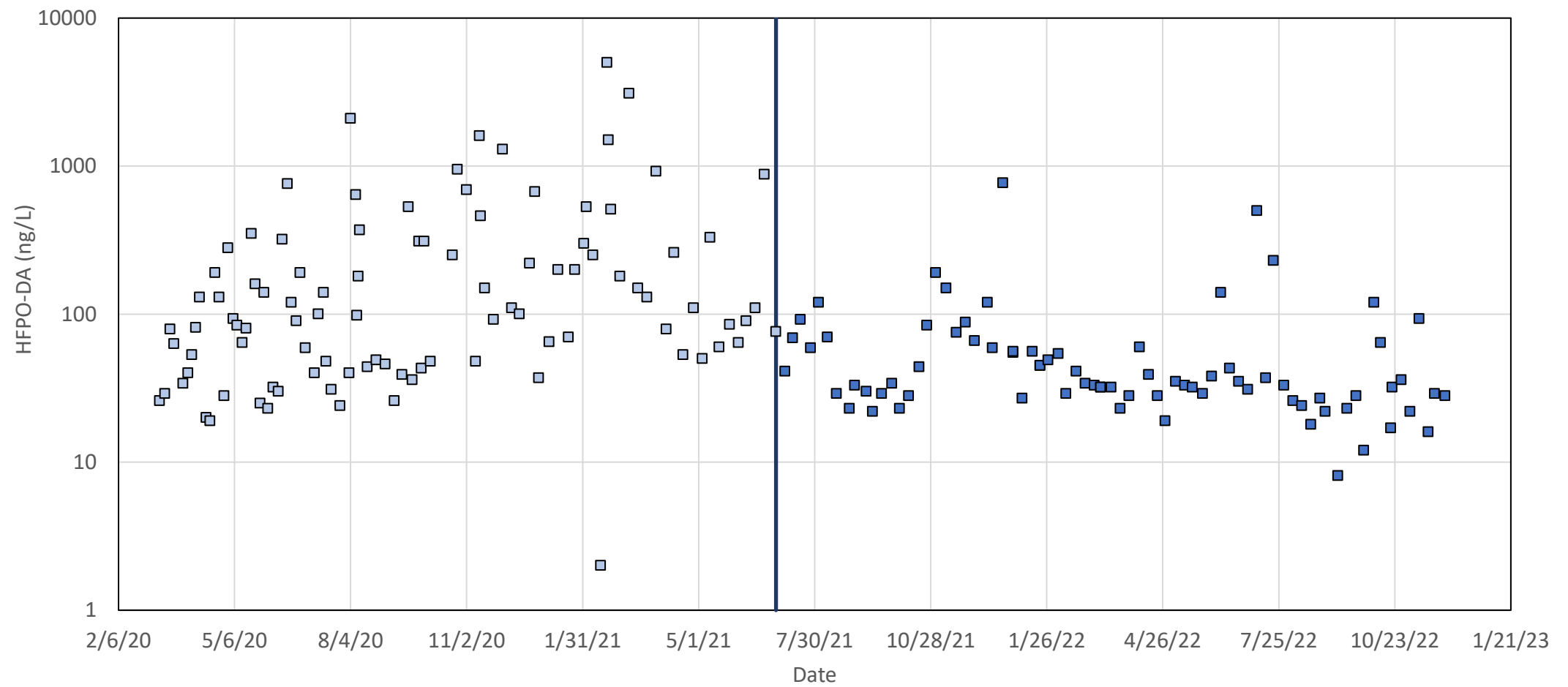


- Intake River Water at Facility
- Non-Chemours Process Wastewater Locations
- Non-Contact Cooling Water Locations
- Stormwater Locations
- Stormwater-Non-Contact Cooling Water Locations
- Wastewater Treatment Plant Locations
- Combined Flows to Outfall 002 Locations
- Chemours Process Wastewater Locations
- 2019 - 2020 Data
- | Location no longer exists due to Site work in 2021 Quarter 2

- Notes:**
1. ng/L - nanograms per liter
 2. Total Table 3+ 17 compound sums presented.
 3. The data presented includes all samples, including field duplicates, except for the April/May 2021 samples which had higher reporting limits.
 4. Gray data represent results from 2019 - 2020 and are included in previous reports.

| | |
|--|--|
| <p>Distribution of Total Table 3+ Concentrations All Locations Chemours Fayetteville Works, North Carolina</p> | |
| <p>Geosyntec consultants</p> | <p>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</p> |
| <p>Raleigh, NC</p> | <p>July 2023</p> |
| <p>Figure 5A</p> | |

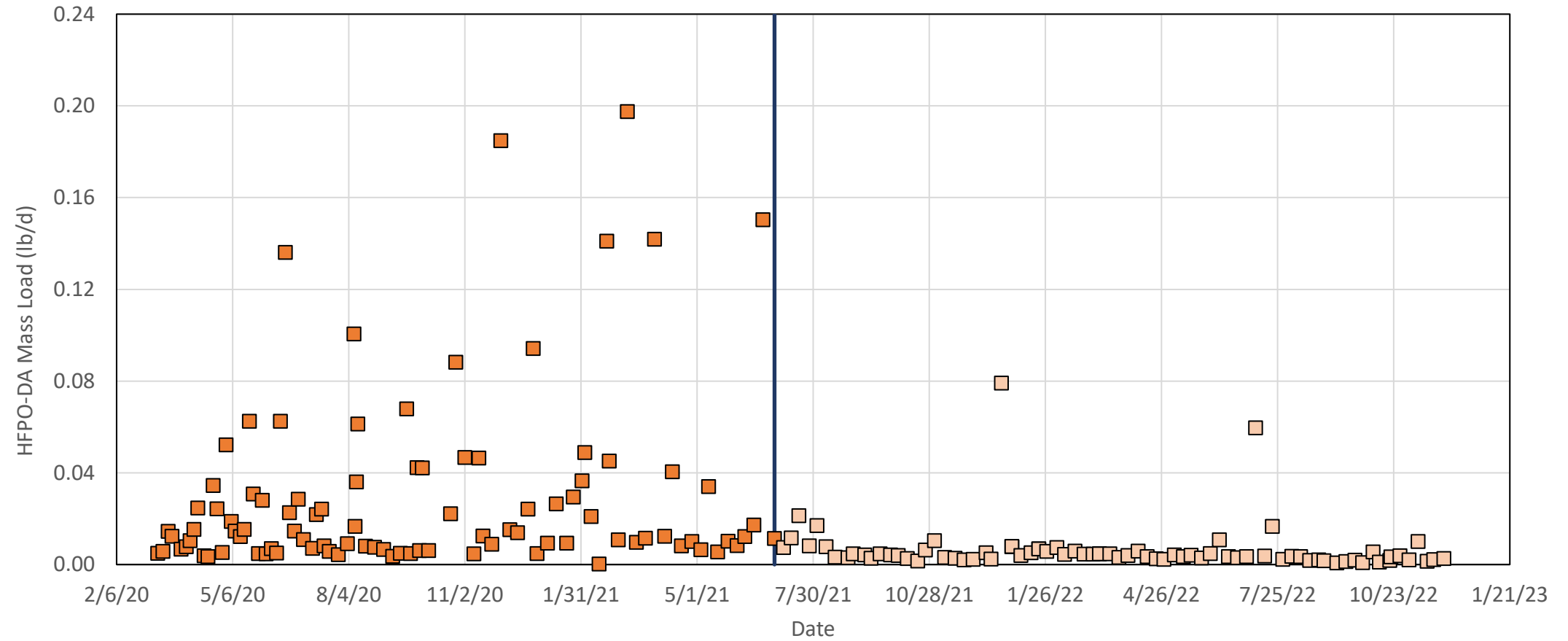




- March 2020 to June 2021
- July 2021 to December 2022
- Commissioning of the Stormwater Treatment System

Notes:
ng/L - nanograms per liter

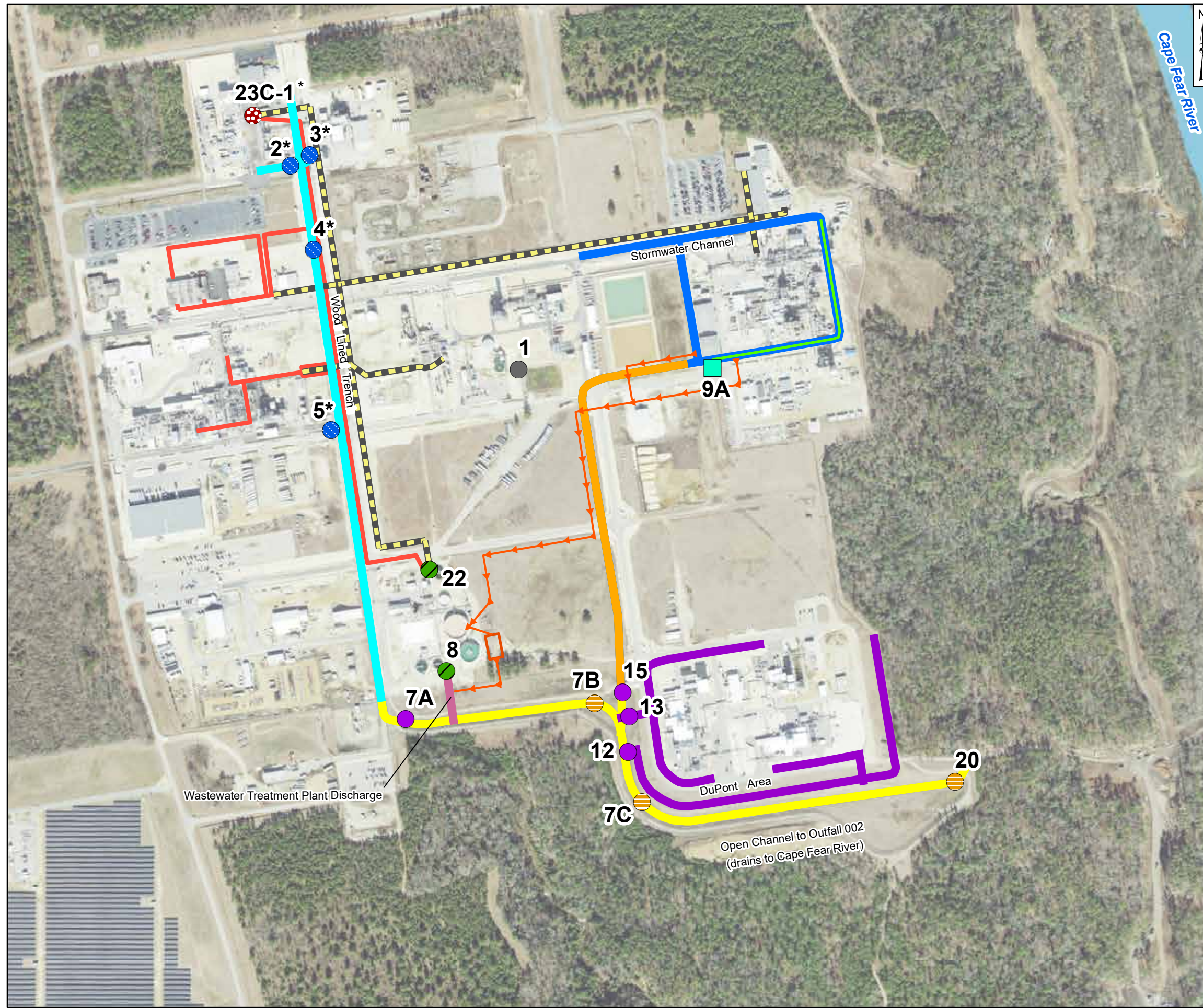
| | |
|--|---|
| <p>Outfall 002 HFPO-DA Concentrations Chemours Fayetteville Works, North Carolina</p> | |
| <p>Geosyntec consultants</p> | <p>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</p> |
| <p>Raleigh</p> | <p>July 2023</p> |
| <p>Figure 6A</p> | |



- March 2020 to June 2021
- July 2021 to December 2022
- Commissioning of the Stormwater Treatment System

Notes:
lb/d- pounds per day

| | |
|---|---|
| <p>Outfall 002 HFPO-DA Mass Load Chemours Fayetteville Works, North Carolina</p> | |
| <p>Geosyntec consultants</p> | <p>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</p> |
| <p>Raleigh</p> | <p>July 2023</p> |
| <p>Figure 6B</p> | |



Legend

- Temporal Composite Sample
- Grab Sample

Sample Location Category

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

Site Conveyance Network Ditch

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

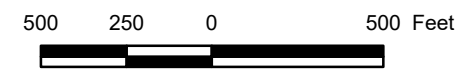
Other Connections

- Decommissioned Pipe Section
- Non-Contact Cooling Water Pipe
- Combined Stormwater and Non-Contact Cooling Water Pipe
- Pipe to Convey Captured Stormwater to Stormwater Treatment System

Other Features

- Stormwater Treatment System (See Note)

Note:
 * - These locations should be sampled for at least two more bimonthly sampling events, or until the PPA investigation is completed. Stormwater treatment system will be sampled up to four times per month under a separate program.



Proposed Paragraph 11(d) Sample Locations
 Chemours Fayetteville Works, North Carolina

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

Appendix A

Analytical Results – 2021 through 2022

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|--|--------------------|----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|--------------------|--------------------|
| Sampling Event | February 2021 | February 2021 | April/May 2021 | June 2021 | August 2021 | September 2021 | December 2021 | December 2021 | January 2022 | April 2022 |
| Field Sample ID | STW-LOC-1-8-021821 | STW-LOC-1-8-021821-D | STW-LOC-1-4-042921 | STW-LOC-1-4-061821 | STW-LOC-1-6-081721 | STW-LOC-1-8-092121 | STW-LOC-1-8-120821 | STW-LOC-1-8-120821-D | STW-LOC-1-4-011922 | STW-LOC-1-4-040522 |
| Date Sampled | 02/18/2021 | 02/18/2021 | 04/29/2021 | 06/18/2021 | 08/17/2021 | 09/21/2021 | 12/08/2021 | 12/08/2021 | 01/19/2022 | 04/05/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | Field Duplicate | | | | | | Field Duplicate | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 4.8 | 4.8 | 34 J | 12 | 10 | 12 | 51 J | 52 J | 19 | 25 |
| PFMOAA | 2.3 | 2.1 | 560 | 17 | 3.2 | 5.7 | 36 J | 36 J | 19 | 28 |
| PFO2HxA | 2.8 | 3.2 | <27 | 8.4 | 7.5 | 7.9 | 52 J | 54 J | 17 | 23 |
| PFO3OA | <2.0 | <2.0 | <39 | <2.0 | <2.0 | <2.0 | 14 J | 14 J | 3.7 | 5.4 |
| PFO4DA | <2.0 | <2.0 | <59 | <2.0 | <2.0 | <2.0 | 3.2 J | 3.4 J | <2.0 | <2.0 |
| PFO5DA | <2.0 | <2.0 | <78 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| PMPA | 10 J | <10 | <620 | 27 | <10 | 15 | 43 J | 44 J | 27 | 29 |
| PEPA | <20 | <20 | <20 | <20 | <20 | <20 | <20 UJ | <20 UJ | <20 | <20 |
| PS Acid | <2.0 | <2.0 | <20 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Hydro-PS Acid | <2.0 | <2.0 | <6.1 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| R-PSDA | 2.4 J | <2.0 | <71 | <2.0 | 5.6 J | 6.5 J | <2.0 UJ | <2.0 UJ | 7.6 J | 7.9 J |
| Hydrolyzed PSDA | <2.0 | <2.0 | <38 | 2.0 J | <2.0 | <2.0 | 12 J | 10 J | 10 J | 13 J |
| R-PSDCA | <2.0 | <2.0 | <17 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| NVHOS, Acid Form | <2.0 | <2.0 | <15 | 2.3 | 6.4 | 5.3 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| EVE Acid | <2.0 | <2.0 | <17 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Hydro-EVE Acid | <2.0 | <2.0 | <14 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| R-EVE | <2.0 | <2.0 | <72 | <2.0 | 2.0 J | <2.0 | <2.0 UJ | <2.0 UJ | 2.3 J | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <6.7 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 | <27 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| PFECA-G | <2.0 UJ | <2.0 | <48 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Total Attachment C¹ | 20 | 10 | 590 | 64 | 21 | 41 | 200 | 200 | 86 | 110 |
| Total Table 3+ (17 compounds)^{2,3} | 20 | 10 | 590 | 67 | 27 | 46 | 200 | 200 | 86 | 110 |
| Total Table 3+ (20 compounds)² | 22 | 10 | 590 | 69 | 35 | 52 | 210 | 210 | 110 | 130 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| 11Cl-PF3OUdS | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ | -- | -- | -- | -- | <4.0 | <4.0 UJ |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- | -- | <5.0 | <5.0 UJ |
| 9Cl-PF3ONS | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| DONA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- | -- | <5.0 | <5.0 UJ |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- | -- | <5.0 | <5.0 UJ |
| Perfluorobutane Sulfonic Acid | <2.0 | <2.0 | 3.5 J | 5.0 J | -- | -- | -- | -- | 4.9 | 4.1 J |
| Perfluorobutanoic Acid | <5.0 | <5.0 | <5.0 UJ | 5.2 J | <5.0 UJ | 7.7 J | 6.4 | 6.3 | <5.0 | <5.0 UJ |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 | 3.5 J | 6.2 | 4.6 | 5.8 | 4.0 | 4.1 | 2.8 | 3.1 J |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorohexane Sulfonic Acid | <2.0 | <2.0 | 5.3 J | 5.1 J | -- | -- | -- | -- | 3.3 | 3.2 J |
| Perfluorohexanoic Acid | <2.0 | <2.0 | 5.3 J | 9.0 J | 8.4 J | 13 J | 13 | 12 | 5.9 | 4.9 J |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| Perfluorononanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| Perfluoropentanoic Acid | <2.0 | <2.0 | 7.3 J | 8.6 J | 9.9 J | 18 J | 12 | 12 | 6.0 | 5.7 J |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| PFOA | <2.0 | 2.1 | 5.3 J | 9.4 J | 6.4 J | 8.4 J | 8.4 | 8.7 | 5.0 | 6.1 J |
| PFOS | 3.0 | 3.0 | 9.0 J | 10 J | -- | -- | -- | -- | 6.5 | 9.1 J |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|--------------------|--------------------|
| Sampling Event | May 2022 | July 2022 | August 2022 | September 2022 | September 2022 | November 2022 | November 2022 | December 2022 | February 2021 | August 2021 |
| Field Sample ID | STW-LOC-1-4-052722 | STW-LOC-1-4-071522 | STW-LOC-1-4-081222 | STW-LOC-1-4-091122 | STW-LOC-1-4-093022 | STW-LOC-1-4-111122 | STW-LOC-1-4-113022 | STW-LOC-1-1.3-121522 | STW-LOC-2-8-021821 | STW-LOC-2-4-081721 |
| Date Sampled | 05/27/2022 | 07/15/2022 | 08/12/2022 | 09/11/2022 | 09/30/2022 | 11/11/2022 | 11/30/2022 | 12/15/2022 | 02/18/2021 | 08/17/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 8.9 | 7.9 | 8.2 J | 6.9 | 7.5 | 25 | 16 | 36 | 460 | 820 |
| PFMOAA | 6.5 | <2.0 | <2.0 UJ | <2.0 | 5.5 | 44 | 17 | 21 | 7.0 | 4.8 |
| PFO2HxA | 7.5 | 6.6 | 7.7 J | 3.2 | 7.5 | 38 | 20 | 41 | 29 | 60 |
| PFO3OA | <2.0 | <2.0 | 2.1 J | <2.0 | <2.0 | 7.0 | 3.4 | 7.1 | 6.5 | 9.6 |
| PFO4DA | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 3.2 | 5.4 |
| PFO5DA | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 3.5 | 3.1 |
| PMPA | <10 | <10 | <10 UJ | <10 | <10 | 43 | 20 | 35 | 58 | 45 |
| PEPA | <20 | <20 | <20 UJ | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| PS Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 12 |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 4.8 |
| R-PSDA | 6.4 J | <2.0 | <2.0 UJ | 3.1 J | <2.0 | 6.4 J | <2.0 | <2.0 | 11 J | 74 J |
| Hydrolyzed PSDA | 6.1 J | <2.0 | <2.0 UJ | 3.7 J | 2.6 J | 14 J | 6.5 J | 8.0 J | 5.0 J | 3.7 J |
| R-PSDCA | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | 4.0 | <2.0 | <2.0 UJ | 14 | 8.7 | 7.1 | <2.0 | 2.0 | <2.0 | 2.6 |
| EVE Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 2.8 |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 3.0 |
| R-EVE | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | 2.9 J | <2.0 | <2.0 | 3.6 J | 11 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 23 | 15 | 18 | 10 | 21 | 160 | 76 | 140 | 570 | 960 |
| Total Table 3+ (17 compounds)^{2,3} | 27 | 15 | 18 | 24 | 29 | 160 | 76 | 140 | 570 | 970 |
| Total Table 3+ (20 compounds)² | 39 | 15 | 18 | 31 | 32 | 190 | 83 | 150 | 590 | 1,100 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| 11Cl-PF3OUdS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | -- |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | -- |
| 9Cl-PF3ONS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| DONA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | -- |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | -- |
| Perfluorobutane Sulfonic Acid | 6.1 | 5.9 | 12 | 14 | 15 | 7.2 | 13 | 6.9 | <2.0 | -- |
| Perfluorobutanoic Acid | <5.0 | 5.8 | 7.8 | 11 | 8.5 | 5.0 | 7.5 | 5.2 | <5.0 | <5.0 UJ |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| Perfluoroheptanoic Acid ¹ | 4.5 | 3.9 | 7.4 | 7.9 | 7.4 | 3.5 | 6.7 | 3.5 | <2.0 | 2.1 J |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorohexane Sulfonic Acid | 5.6 | 7.6 | 7.2 | 6.9 | 7.2 | 3.9 | 5.1 | 3.8 | <2.0 | -- |
| Perfluorohexanoic Acid | 7.2 | 9.6 | 14 | 19 | 17 | 7.5 | 17 | 9.4 | <2.0 | 2.7 J |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| Perfluorononanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| Perfluoropentanoic Acid | 10 | 14 | 22 | 28 | 27 | 11 | 17 | 11 | <2.0 | 3.4 J |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| PFOA | 6.2 | 6.8 | 9.2 | 8.6 | 8.3 | 4.6 | 7.4 | 5.7 | 38 | 16 J |
| PFOS | 12 | 15 | 11 | 12 | 9.4 | 7.1 | 8.8 | 8.4 | <2.0 | -- |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
|--|--------------------|--------------------|--------------------|--------------------|----------------------|--------------------|--------------------|--------------------|--------------------|----------------------|
| Sampling Event | September 2021 | December 2021 | April 2022 | May 2022 | July 2022 | September 2022 | September 2022 | November 2022 | February 2021 | August 2021 |
| Field Sample ID | STW-LOC-2-8-092121 | STW-LOC-2-4-120821 | STW-LOC-2-4-040522 | STW-LOC-2-3-052722 | STW-LOC-2-1.3-071522 | STW-LOC-2-2-091122 | STW-LOC-2-4-093022 | STW-LOC-2-4-113022 | STW-LOC-3-8-021821 | STW-LOC-3-2.5-081721 |
| Date Sampled | 09/21/2021 | 12/08/2021 | 04/05/2022 | 05/27/2022 | 07/15/2022 | 09/11/2022 | 09/30/2022 | 11/30/2022 | 02/18/2021 | 08/17/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 780 | 540 J | 950 | 2,600 | 1,100 | 770 | 870 | 310 | 14,000 | 2,700 |
| PFMOAA | 9.4 | 8.9 J | 18 | 38 | 13 | 2.2 | 14 | 60 | 26 | 65 |
| PFO2HxA | 120 | 98 J | 83 | 120 | 81 | 43 | 44 | 66 | 34 | 61 |
| PFO3OA | 22 | 28 J | 19 | 25 | 17 | 9.3 | 12 | 19 | 12 | 12 |
| PFO4DA | 8.5 | 15 J | 15 | 18 | 12 | 4.7 | 6.7 | 9.0 | 4.5 | 5.5 |
| PFO5DA | 6.5 | 9.3 J | 13 | 15 | 9.7 | 4.7 | 4.5 | 8.1 | 4.0 | 5.4 |
| PMPA | 120 | 36 J | 43 | 34 | 63 | 21 | 14 | <10 | 34 | 160 |
| PEPA | <20 | 33 J | <20 | <20 | 21 | <20 | <20 | <20 | <20 | <20 |
| PS Acid | 16 | 13 J | 17 | 20 | 5.9 | 2.0 | <2.0 | 3.4 | <2.0 | 7.1 |
| Hydro-PS Acid | 5.0 | 4.2 J | 5.3 | 9.5 | 10 | 3.6 | 5.9 | 3.1 | <2.0 | 4.8 |
| R-PSDA | 35 J | 7.5 J | 96 J | 43 J | 36 J | 33 J | 32 J | <2.0 | 14 J | 92 J |
| Hydrolyzed PSDA | 14 J | 7.6 J | 13 J | 29 J | 37 J | 3.6 J | 3.9 J | <2.0 | 5.8 J | 13 J |
| R-PSDCA | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | 2.0 | <2.0 UJ | 2.2 | 5.6 | 4.6 | <2.0 | <2.0 | <2.0 | <2.0 | 4.2 |
| EVE Acid | <2.0 | 8.0 J | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 7.0 | <2.0 | 4.8 |
| Hydro-EVE Acid | <2.0 | <2.0 UJ | <2.0 | 2.0 | 2.0 | <2.0 | 3.8 | <2.0 | <2.0 | 4.6 |
| R-EVE | 2.8 J | 8.8 J | 23 J | 12 J | 8.7 J | <2.0 | 9.2 J | 15 J | 3.4 J | 39 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 UJ | <2.0 | <2.4 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 1,100 | 790 | 1,200 | 2,900 | 1,300 | 860 | 970 | 480 | 14,000 | 3,000 |
| Total Table 3+ (17 compounds)^{2,3} | 1,100 | 790 | 1,200 | 2,900 | 1,300 | 860 | 970 | 490 | 14,000 | 3,000 |
| Total Table 3+ (20 compounds)² | 1,100 | 820 | 1,300 | 3,000 | 1,400 | 900 | 1,000 | 500 | 14,000 | 3,200 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | -- | -- | <2.0 UJ | <2.0 | <2.0 | <3.0 | <2.0 | <2.0 | <2.0 | -- |
| 11Cl-PF3OUdS | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.1 | <2.0 | <2.0 | <2.0 | -- |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | <2.0 UJ | <2.0 | <2.0 | <3.9 | <2.0 | <2.0 | <2.0 | -- |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | <4.0 UJ | <4.0 | <4.0 | <6.4 | <4.0 | <4.0 | <4.0 | -- |
| 6:2 Fluorotelomer sulfonate | -- | -- | <5.0 UJ | <5.0 | <5.0 | <11 | <5.0 | <5.0 | <5.0 | -- |
| 9Cl-PF3ONS | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| DONA | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | <5.0 UJ | <5.0 | <5.0 | <5.9 | <5.0 | <5.0 | <5.0 | -- |
| N-ethylperfluoro-1-octanesulfonamide | -- | -- | <2.0 UJ | <2.0 | <2.0 | <4.0 | <2.0 | <2.0 | <2.0 | -- |
| N-methyl perfluoro-1-octanesulfonamide | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | <5.0 UJ | <5.0 | <5.0 | <5.5 | <5.0 | <5.0 | <5.0 | -- |
| Perfluorobutane Sulfonic Acid | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| Perfluorobutanoic Acid | <5.0 UJ | <5.0 | <5.0 UJ | 16 | 5.2 | <11 | <5.0 | <5.0 | <5.0 | 5.7 J |
| Perfluorodecane Sulfonic Acid | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorododecane Sulfonic Acid (PFDoS) | -- | -- | <2.0 UJ | <2.0 | <2.0 | <4.4 | <2.0 | <2.0 | <2.0 | -- |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.5 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluoroheptane Sulfonic Acid (PFHpS) | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 | <2.0 UJ | 4.1 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 7.2 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <4.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorohexane Sulfonic Acid | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.6 | <2.0 | <2.0 | <2.0 | -- |
| Perfluorohexanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | 2.6 | <2.0 | <2.6 | <2.0 | <2.0 | 2.0 | <2.0 UJ |
| Perfluorononanesulfonic Acid | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | 2.2 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <4.3 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorooctane Sulfonamide | -- | -- | <2.0 UJ | <2.0 | <2.0 | <4.5 | <2.0 | <2.0 | <2.0 | -- |
| Perfluoropentane Sulfonic Acid (PFPeS) | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- |
| Perfluoropentanoic Acid | 7.3 J | 4.4 | 2.4 J | 4.0 | <2.0 | <2.2 | <2.0 | <2.0 | 13 | 3.1 J |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <3.3 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <5.9 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| PFOA | 12 J | 8.2 | 9.6 J | 23 | 16 | 8.6 | 10 | 8.3 | 30 | 59 J |
| PFOS | -- | -- | <2.0 UJ | 2.5 | <2.0 | <2.5 | <2.0 | <2.0 | 41 | -- |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|--|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|
| Sampling Event | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | September 2022 | September 2022 | November 2022 | November 2022 |
| Field Sample ID | STW-LOC-3-8-092121 | STW-LOC-3-7.33-120821 | STW-LOC-3-8-011622 | STW-LOC-3-4-040522 | STW-LOC-3-2-052722 | STW-LOC-3-2-071522 | STW-LOC-3-4-091122 | STW-LOC-3-4-093022 | STW-LOC-3-4-113022 | STW-LOC-3-4-113022-D |
| Date Sampled | 09/21/2021 | 12/08/2021 | 01/16/2022 | 04/05/2022 | 05/27/2022 | 07/15/2022 | 09/11/2022 | 09/30/2022 | 11/30/2022 | 11/30/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | | Field Duplicate |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 9,600 | 3,400 J | 1,600 | 12,000 | 13,000 | 3,300 | 3,700 | 5,200 | 1,100 | 1,100 |
| PFMOAA | 130 | 68 J | 4.5 J | 130 | 5,100 | 16 | 8.9 | 50 | 55 | 57 |
| PFO2HxA | 150 | 110 J | 56 | 78 | 95 | 18 | 29 | 22 | 52 | 52 |
| PFO3OA | 31 | 30 J | 18 | 30 | 40 | 9.5 | 7.8 | 6.5 | 19 | 18 |
| PFO4DA | 15 | 17 J | 8.9 | 18 | 35 | 14 | 7.5 | 5.1 | 11 | 11 |
| PFO5DA | 13 | 11 J | 5.2 | 15 | 26 | 13 | 9.1 | 5.2 | 11 | 11 |
| PMPA | 110 | 31 J | 13 | 66 | <62 | <31 | <10 | <10 | <10 | 10 |
| PEPA | <20 | 22 J | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| PS Acid | 4.9 | 5.9 J | 2.1 | 4.8 | 36 | <2.0 | <2.0 | 2.0 | <2.0 | <2.0 |
| Hydro-PS Acid | 5.4 | 2.6 J | 2.6 | 4.8 | 16 | <2.0 | 2.8 | 2.8 | 3.0 | 2.9 |
| R-PSDA | 21 J | <2.0 UJ | 20 J | 43 J | 87 J | <3.5 | 15 J | 14 J | 6.7 J | 6.2 J |
| Hydrolyzed PSDA | 4.9 J | <2.0 UJ | 33 J | 5.5 J | 70 J | <2.0 | <2.0 | 6.1 J | <2.0 | <2.0 |
| R-PSDCA | <2.0 | <2.0 UJ | <2.0 | <2.0 | 3.2 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | 4.5 | <2.0 UJ | <2.0 | 10 | 22 | <2.0 | <2.0 | 3.1 | <2.0 | <2.0 |
| EVE Acid | <2.0 | 4.0 J | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 2.6 | 2.4 |
| Hydro-EVE Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 2.1 | 2.3 |
| R-EVE | <3.6 | <2.0 UJ | <2.0 | 12 J | 29 J | <3.6 | <2.0 | 4.2 J | 11 J | 9.9 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 UJ | <2.0 | <2.7 | <2.7 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.4 | <2.0 UJ | <2.0 | <4.8 | <4.8 | <2.4 | <2.0 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 10,000 | 3,700 | 1,700 | 12,000 | 18,000 | 3,400 | 3,800 | 5,300 | 1,300 | 1,300 |
| Total Table 3+ (17 compounds)^{2,3} | 10,000 | 3,700 | 1,700 | 12,000 | 18,000 | 3,400 | 3,800 | 5,300 | 1,300 | 1,300 |
| Total Table 3+ (20 compounds)² | 10,000 | 3,700 | 1,800 | 12,000 | 19,000 | 3,400 | 3,800 | 5,300 | 1,300 | 1,300 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <12 | <2.0 | <2.0 | <2.0 |
| 11Cl-PF3OUdS | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <5.9 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <8.5 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <4.4 | <2.0 | <2.0 | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <16 | <2.0 | <2.0 | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | <4.0 UJ | <4.0 UJ | <4.0 | <4.0 | <26 | <4.0 | <4.0 | <4.0 |
| 6:2 Fluorotelomer sulfonate | -- | -- | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <46 | <5.0 | <5.0 | <5.0 |
| 9Cl-PF3ONS | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <4.4 | <2.0 | <2.0 | <2.0 |
| DONA | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <7.4 | <2.0 | <2.0 | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <24 | <5.0 | <5.0 | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <16 | <2.0 | <2.0 | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <7.9 | <2.0 | <2.0 | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <22 | <5.0 | <5.0 | <5.0 |
| Perfluorobutane Sulfonic Acid | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <3.7 | <2.0 | <2.0 | <2.0 |
| Perfluorobutanoic Acid | <5.0 UJ | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <44 | <5.0 | <5.0 | <5.0 |
| Perfluorodecane Sulfonic Acid | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <5.9 | <2.0 | <2.0 | <2.0 |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <5.7 | <2.0 | <2.0 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <18 | <2.0 | <2.0 | <2.0 |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <10 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <3.5 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptanoic Acid ¹ | 6.0 J | 4.2 | <2.0 UJ | 3.0 J | 8.8 | <2.0 | 4.7 | 3.5 | 2.0 | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <16 | <2.0 | <2.0 | <2.0 |
| Perfluorohexane Sulfonic Acid | -- | -- | 5.4 J | <2.0 UJ | <2.0 | 4.2 | <10 | <2.0 | <2.0 | <2.0 |
| Perfluorohexanoic Acid | 3.9 J | 5.4 J | <2.0 UJ | <2.0 UJ | 2.9 | <2.0 | <11 | <2.0 | <2.0 | <2.0 |
| Perfluorononanesulfonic Acid | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <6.8 | <2.0 | <2.0 | <2.0 |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | 2.4 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <17 | <2.0 | <2.0 | <2.0 |
| Perfluorooctane Sulfonamide | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <18 | <2.0 | <2.0 | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <5.5 | <2.0 | <2.0 | <2.0 |
| Perfluoropentanoic Acid | 12 J | 5.7 | 2.8 J | 4.4 J | 7.5 | <2.0 | <9.0 | <2.0 | 2.0 | <2.0 |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <13 | <2.0 | <2.0 | <2.0 |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <24 | <2.0 | <2.0 | <2.0 |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <20 | <2.0 | <2.0 | <2.0 |
| PFOA | 64 J | 20 | 4.3 J | 32 J | 36 | 21 | 55 | 35 | 20 | 19 |
| PFOS | -- | -- | 40 J | <2.0 UJ | <2.0 | 16 | <9.9 | <2.0 | <2.0 | <2.0 |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|--|----------------------|--------------------|--------------------|--------------------|-----------------------|----------------------|--------------------|--------------------|----------------------|--------------------|
| Sampling Event | February 2021 | August 2021 | September 2021 | December 2021 | April 2022 | May 2022 | July 2022 | August 2022 | August 2022 | September 2022 |
| Field Sample ID | STW-LOC-4-7.3-021821 | STW-LOC-4-6-081721 | STW-LOC-4-8-092121 | STW-LOC-4-4-120821 | STW-LOC-4-0.67-040522 | STW-LOC-4-2.3-052722 | STW-LOC-4-4-071522 | STW-LOC-4-4-081222 | STW-LOC-4-4-081222-D | STW-LOC-4-4-091122 |
| Date Sampled | 02/18/2021 | 08/17/2021 | 09/21/2021 | 12/08/2021 | 04/05/2022 | 05/27/2022 | 07/15/2022 | 08/12/2022 | 08/12/2022 | 09/11/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | Field Duplicate | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 760 | 570 | 390 | 520 J | 710 | 10,000 | 100 | 770 | 700 | 220 |
| PFMOAA | 15 | 8.8 | 24 | 23 J | 100 | 410 | 5.4 | 24 J | 30 J | 7.7 |
| PFO2HxA | 15 | 47 | 100 | 35 J | 130 | 140 | 5.0 | 37 J | 36 J | 23 |
| PFO3OA | 5.1 | 11 | 19 | 10 J | 41 | 41 | <2.0 | 16 J | 15 J | 5.8 |
| PFO4DA | 2.2 | 4.1 | 7.3 | 6.8 J | 27 | 39 | <2.0 | 9.2 J | 9.1 J | 2.7 |
| PFO5DA | <2.0 | 2.9 | 3.8 | 4.8 J | 20 | 24 | <2.0 | 4.0 J | 3.8 J | 2.1 |
| PMPA | <10 | 50 | 130 | 11 J | <10 | <62 | <10 | 33 J | 15 J | <10 |
| PEPA | <20 | <20 | <20 | <20 UJ | 22 | <20 | <20 | <20 UJ | <20 UJ | <20 |
| PS Acid | <2.0 | 9.6 | 4.3 | 2.6 J | 81 | 69 | <2.0 | 7.2 J | 6.6 J | <2.0 |
| Hydro-PS Acid | <2.0 | 3.0 | 2.6 | <2.0 UJ | 13 | 14 | <2.0 | 5.2 J | 5.1 J | <2.0 |
| R-PSDA | 7.3 J | 25 J | 31 J | <2.0 UJ | 290 J | 110 J | <2.0 | 31 J | 28 J | 11 J |
| Hydrolyzed PSDA | 49 J | 2.9 J | 3.6 J | <2.0 UJ | 40 J | 49 J | <2.0 | 10 J | 11 J | <2.0 |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| NVHOS, Acid Form | <2.0 | 2.5 | 2.4 | <2.0 UJ | 8.5 | 12 | <2.0 | 3.7 J | 4.4 J | <2.0 |
| EVE Acid | <2.0 | 2.4 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Hydro-EVE Acid | <2.0 | 2.1 | <2.0 | <2.0 UJ | 2.1 | 2.6 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| R-EVE | <2.0 | 8.8 J | 2.6 J | 4.6 J | 59 J | 13 J | <2.0 | <2.0 UJ | 3.3 J | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.7 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <4.8 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Total Attachment C¹ | 800 | 710 | 680 | 610 | 1,100 | 11,000 | 110 | 910 | 820 | 260 |
| Total Table 3+ (17 compounds)^{2,3} | 800 | 710 | 680 | 610 | 1,200 | 11,000 | 110 | 910 | 830 | 260 |
| Total Table 3+ (20 compounds)² | 850 | 750 | 720 | 620 | 1,500 | 11,000 | 110 | 950 | 870 | 270 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 11Cl-PF3OUdS | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | -- | -- | -- | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 |
| 6:2 Fluorotelomer sulfonate | <5.0 | -- | -- | -- | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| 9Cl-PF3ONS | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| DONA | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | -- | -- | -- | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | -- | -- | -- | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| Perfluorobutane Sulfonic Acid | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorobutanoic Acid | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 UJ | 15 | <5.0 | <5.0 | <5.0 | <5.0 |
| Perfluorodecane Sulfonic Acid | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorodecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptanoic Acid ¹ | <2.0 | 2.0 | <2.0 | <2.0 | 2.7 J | 6.6 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexane Sulfonic Acid | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | 2.5 J | 3.4 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorononanesulfonic Acid | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorononanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | 2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentanoic Acid | <2.0 | <2.0 UJ | 12 J | <2.0 | 4.6 J | 5.6 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorotridecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroundecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFOA | 3.0 | 11 J | 6.7 J | 4.1 | 9.8 J | 25 | 2.3 | 11 | 10 | 3.1 |
| PFOS | <2.0 | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|----------------------|
| Sampling Event | September 2022 | November 2022 | February 2021 | August 2021 | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 |
| Field Sample ID | STW-LOC-4-4-093022 | STW-LOC-4-4-113022 | STW-LOC-5-8-021821 | STW-LOC-5-3-081721 | STW-LOC-5-7-092121 | STW-LOC-5-2.66-120821 | STW-LOC-5-6-011622 | STW-LOC-5-4-040522 | STW-LOC-5-4-052722 | STW-LOC-5-3.7-071522 |
| Date Sampled | 09/30/2022 | 11/30/2022 | 02/18/2021 | 08/17/2021 | 09/21/2021 | 12/08/2021 | 01/16/2022 | 04/05/2022 | 05/27/2022 | 07/15/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 490 | 240 | 340 J | 51 | 74 | 43 J | 34 | 110 | 230 | 28 |
| PFMOAA | 18 | 44 | 3.7 J | 7.5 | 8.4 | 6.6 J | 3.8 | 11 | 19 | 3.3 |
| PFO2HxA | 14 | 42 | 11 J | 42 | 61 | 22 J | 15 | 36 | 54 | 8.0 |
| PFO3OA | 4.6 | 13 | 4.9 J | 7.8 | 15 | 8.0 J | 11 | 12 | 10 | 2.0 |
| PFO4DA | 3.4 | 6.7 | 2.2 J | 2.8 | 6.1 | 4.3 J | 2.8 | 7.2 | 5.5 | <2.0 |
| PFO5DA | 2.1 | 4.6 | 2.6 J | 3.3 | 14 | 20 J | 13 | 14 | 5.5 | 8.1 |
| PMPA | <10 | <10 | 16 J | 62 | 18 | 40 J | 26 | 35 | <10 | <10 |
| PEPA | <20 | <20 | <20 UJ | <20 | <20 | <20 UJ | <20 | <20 | <20 | <20 |
| PS Acid | <2.0 | <2.0 | <2.0 UJ | 3.4 | 3.3 | <2.0 UJ | <2.0 | 6.8 | 4.8 | <2.0 |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | 2.8 | 2.3 J | <2.0 | 2.4 | 2.0 | <2.0 |
| R-PSDA | 6.2 J | <2.0 | 4.2 J | 150 J | 43 J | 3.2 J | 5.1 J | 41 J | 71 J | 9.3 J |
| Hydrolyzed PSDA | 3.3 J | <2.0 | <2.0 UJ | 11 J | 6.7 J | <2.0 UJ | <2.0 | 4.8 J | 11 J | <2.0 |
| R-PSDCA | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| EVE Acid | <2.0 | 2.2 | <2.0 UJ | 4.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| R-EVE | <2.0 | <2.0 | <2.0 UJ | 11 J | 2.6 J | 5.0 J | <2.0 | 10 J | 13 J | 7.4 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-B | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 530 | 350 | 380 | 180 | 200 | 150 | 110 | 230 | 330 | 49 |
| Total Table 3+ (17 compounds)^{2,3} | 530 | 350 | 380 | 180 | 200 | 150 | 110 | 230 | 330 | 49 |
| Total Table 3+ (20 compounds)² | 540 | 350 | 380 | 360 | 250 | 150 | 110 | 290 | 430 | 66 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| 11Cl-PF3OUdS | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 | <4.0 UJ | -- | -- | -- | <4.0 UJ | <4.0 UJ | <4.0 | <4.0 |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 | <5.0 UJ | -- | -- | -- | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 |
| 9Cl-PF3ONS | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| DONA | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 UJ | -- | -- | -- | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 UJ | -- | -- | -- | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 |
| Perfluorobutane Sulfonic Acid | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | 4.2 J | 2.1 | 3.8 |
| Perfluorobutanoic Acid | <5.0 | <5.0 | <5.0 UJ | 5.1 J | 15 J | 5.3 | <5.0 UJ | <5.0 UJ | 6.4 | <5.0 |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluorohexane Sulfonic Acid | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluorohexanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluorononanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluoropentanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | 8.5 J | <2.0 | <2.0 UJ | <2.0 UJ | 2.1 | <2.0 |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| PFOA | 4.4 | 4.5 | <2.0 UJ | 2.2 J | 2.5 J | <2.0 | <2.0 UJ | <2.0 UJ | 2.4 | <2.0 |
| PFOS | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 UJ | 2.5 J | 3.8 | <2.0 |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | 5 | 5 | 5 | 5 | 6A | 6A | 6A | 6B | 6B | 6B |
|--|----------------------|--------------------|--------------------|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Sampling Event | August 2022 | September 2022 | September 2022 | November 2022 | February 2021 | April/May 2021 | June 2021 | February 2021 | April/May 2021 | August 2021 |
| Field Sample ID | STW-LOC-5-3.3-081222 | STW-LOC-5-3-091122 | STW-LOC-5-4-093022 | STW-LOC-5-3.3-113022 | STW-LOC-6A-021921 | STW-LOC-6A-050421 | STW-LOC-6A-061821 | STW-LOC-6B-021921 | STW-LOC-6B-042921 | STW-LOC-6B-082321 |
| Date Sampled | 08/12/2022 | 09/11/2022 | 09/30/2022 | 11/30/2022 | 02/19/2021 | 05/04/2021 | 06/18/2021 | 02/19/2021 | 04/29/2021 | 08/23/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 80 | 66 | 130 | 69 | 11 | 120 | 57 J | <4.0 | <2.0 | <2.0 |
| PFMOAA | 8.8 J | 8.3 | 7.9 | <2.0 | <2.0 | 31 | 9.0 | <2.0 | <2.0 | <2.0 |
| PFO2HxA | 36 J | 25 | 17 | 26 | 10 | 42 | 12 | <2.0 | <2.0 | <2.0 |
| PFO3OA | 14 J | 5.6 | 3.9 | 6.5 | <2.0 | 7.9 | 2.8 | <2.0 | <2.0 | <2.0 |
| PFO4DA | 8.5 J | 3.6 | 2.4 | 3.9 | <2.0 | 2.3 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO5DA | 6.2 J | 40 | 8.0 | 16 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PMPA | 23 J | 10 | <10 | 17 | 34 | 180 | 49 | <10 | <10 | <10 |
| PEPA | <20 UJ | <20 | <20 | <20 | <20 | 52 | <20 | <20 | <20 | <20 |
| PS Acid | 2.4 J | 3.9 | 2.2 | <2.0 | <2.0 | <2.0 | 2.7 | 2.5 | <2.0 | <2.0 |
| Hydro-PS Acid | 2.5 J | 3.0 | 2.7 | 3.0 | <2.0 | 2.7 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-PSDA | 24 J | 11 J | 15 J | <2.0 | 7.5 J | 34 J | <2.0 | 3.7 J | <2.0 | <2.0 |
| Hydrolyzed PSDA | 5.5 J | 2.6 J | 3.7 J | <2.0 | <2.0 | 15 J | 6.7 J | 4.6 J | <2.0 | <2.0 |
| R-PSDCA | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | 2.0 J | <2.0 | <2.0 | <2.0 | <2.0 | 5.0 | 2.5 | <2.0 | <2.0 | <2.0 |
| EVE Acid | <2.0 UJ | 7.9 | <2.0 | 5.6 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-EVE Acid | <2.0 UJ | 2.6 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-EVE | 3.7 J | 5.1 J | 4.2 J | 3.7 J | <2.0 | 14 J | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-B | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 180 | 170 | 170 | 140 | 55 | 440 | 130 | 2.5 | ND | ND |
| Total Table 3+ (17 compounds)^{2,3} | 180 | 180 | 170 | 150 | 55 | 440 | 140 | 2.5 | ND | ND |
| Total Table 3+ (20 compounds)² | 220 | 190 | 200 | 150 | 63 | 510 | 140 | 11 | ND | ND |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | -- |
| 11Cl-PF3OUdS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | -- |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | -- |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | -- |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | -- |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ | <4.0 | <4.0 UJ | -- |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 UJ | -- |
| 9Cl-PF3ONS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | -- |
| DONA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | -- |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 UJ | -- |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | -- |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | -- |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 UJ | -- |
| Perfluorobutane Sulfonic Acid | 13 | 5.1 | 8.8 | 9.3 | <2.0 | 4.5 J | 6.0 J | <2.0 | <2.0 UJ | -- |
| Perfluorobutanoic Acid | <5.0 | <5.0 | <5.0 | 7.0 | <5.0 | <5.0 UJ | 10 J | <5.0 | <5.0 UJ | <5.0 |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | -- |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | 3.7 J | <2.0 | <2.0 UJ | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | -- |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | -- |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 5.3 J | 7.3 | <2.0 | <2.0 UJ | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 |
| Perfluorohexane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 6.4 J | 7.3 J | <2.0 | <2.0 UJ | -- |
| Perfluorohexanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 7.0 J | 12 J | <2.0 | <2.0 UJ | <2.0 |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | -- |
| Perfluorononanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | 4.1 J | <2.0 | <2.0 UJ | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | -- |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | -- |
| Perfluoropentanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 8.1 J | 11 J | <2.0 | <2.0 UJ | <2.0 |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 |
| PFOA | 4.9 | 2.0 | 2.8 | <2.0 | 2.1 | 10 J | 18 J | <2.0 | <2.0 UJ | <2.0 |
| PFOS | 3.3 | 3.9 | 2.2 | 2.3 | 4.0 | 21 J | 62 J | <2.0 | <2.0 UJ | -- |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 6B | 6B | 6B | 6B | 6B | 6B | 6B | 6B | 7A | 7A | 7A |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------|---------------------|----|
| Sampling Event | September 2021 | December 2021 | April 2022 | May 2022 | July 2022 | September 2022 | December 2022 | February 2021 | April/May 2021 | June 2021 | |
| Field Sample ID | STW-LOC-6B-092321 | STW-LOC-6B-120921 | STW-LOC-6B-040622 | STW-LOC-6B-053122 | STW-LOC-6B-071822 | STW-LOC-6B-091422 | STW-LOC-6B-120122 | STW-LOC-7A-8-021821 | STW-LOC-7A-4-042921 | STW-LOC-7A-4-061821 | |
| Date Sampled | 09/23/2021 | 12/09/2021 | 04/06/2022 | 05/31/2022 | 07/18/2022 | 09/14/2022 | 12/01/2022 | 02/18/2021 | 04/29/2021 | 06/18/2021 | |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | |
| QA/QC | | | | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | | |
| Hfpo Dimer Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | 4.3 | 7.2 | 650 | 61 J | 12 | |
| PFMOAA | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | 6.9 | 5.8 | 25 | <80 | 10 | |
| PFO2HxA | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | 5.2 | 8.6 | 13 | <27 | 8.1 | |
| PFO3OA | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 3.7 | <39 | <2.0 | |
| PFO4DA | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 2.5 | <59 | <2.0 | |
| PFO5DA | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 3.4 | <78 | <2.0 | |
| PMPA | <10 | <10 UJ | <10 | <10 | <10 | <10 | 21 | 27 | <620 | 26 | |
| PEPA | <20 | <20 UJ | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 2.5 | <20 | <2.0 | |
| Hydro-PS Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 2.3 | <6.1 | <2.0 | |
| R-PSDA | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 23 J | <71 | <2.0 | |
| Hydrolyzed PSDA | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 4.4 J | <38 | 2.1 J | |
| R-PSDCA | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <17 | <2.0 | |
| NVHOS, Acid Form | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <15 | <2.0 | |
| EVE Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <17 | <2.0 | |
| Hydro-EVE Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <14 | <2.0 | |
| R-EVE | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | 37 J | <2.0 | 4.6 J | <72 | <2.0 | |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <6.7 | <2.0 | |
| PFECA B | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <27 | <2.0 | |
| PFECA-G | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <48 | <2.0 | |
| Total Attachment C¹ | ND | ND | ND | ND | ND | 16 | 43 | 730 | 61 | 56 | |
| Total Table 3+ (17 compounds)^{2,3} | ND | ND | ND | ND | ND | 16 | 43 | 730 | 61 | 56 | |
| Total Table 3+ (20 compounds)² | ND | ND | ND | ND | ND | 53 | 43 | 760 | 61 | 58 | |
| Other PFAS (ng/L) | | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| 11Cl-PF3OUdS | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ | |
| 6:2 Fluorotelomer sulfonate | -- | -- | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | |
| 9Cl-PF3ONS | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| DONA | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | |
| N-ethylperfluoro-1-octanesulfonamide | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| N-methyl perfluoro-1-octanesulfonamide | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | |
| Perfluorobutane Sulfonic Acid | -- | -- | <2.0 UJ | <2.0 | <2.0 | 8.7 | 5.0 | <2.0 | 3.9 J | 5.2 J | |
| Perfluorobutanoic Acid | <5.0 UJ | <5.0 | <5.0 UJ | <5.0 | <5.0 | 8.6 | <5.0 | 6.9 | <5.0 UJ | 5.3 J | |
| Perfluorodecane Sulfonic Acid | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorododecane Sulfonic Acid (PFDoS) | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluoroheptane Sulfonic Acid (PFHpS) | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | 4.0 | 3.5 | <2.0 | 3.2 J | 5.9 | |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorohexane Sulfonic Acid | -- | -- | <2.0 UJ | <2.0 | <2.0 | 8.6 | 3.1 | <2.0 | 5.4 J | 6.1 J | |
| Perfluorohexanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | 9.0 | 7.8 | <2.0 | 6.1 J | 9.8 J | |
| Perfluorononanesulfonic Acid | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorooctane Sulfonamide | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluoropentane Sulfonic Acid (PFPeS) | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluoropentanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | 9.0 | 10 | 2.5 | 8.0 J | 9.3 J | |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| PFOA | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | 5.7 | 5.3 | 9.7 | 6.7 J | 10 J | |
| PFOS | -- | -- | <2.0 UJ | <2.0 | <2.0 | 15 | 8.2 | 3.3 | 11 J | 15 J | |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 7A | 7A | 7A | 7A | 7A | 7A | 7A | 7A | 7A | 7A |
|--|---------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Sampling Event | August 2021 | August 2021 | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | September 2022 | November 2022 |
| Field Sample ID | STW-LOC-7A-6-081721 | STW-LOC-7A-6-081721-D | STW-LOC-7A-9-092121 | STW-LOC-7A-8-120821 | STW-LOC-7A-4-011922 | STW-LOC-7A-4-040522 | STW-LOC-7A-4-052722 | STW-LOC-7A-4-071522 | STW-LOC-7A-4-091122 | STW-LOC-7A-4-113022 |
| Date Sampled | 08/17/2021 | 08/17/2021 | 09/21/2021 | 12/08/2021 | 01/19/2022 | 04/05/2022 | 05/27/2022 | 07/15/2022 | 09/11/2022 | 11/30/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | Field Duplicate | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 25 | 24 | 2,500 | 2,700 J | 18 | 540 | 32 | 220 | 130 | 40 |
| PFMOAA | 7.2 | 7.5 | 19 | 31 J | 19 | 32 | 11 | 8.7 | <2.0 | 27 |
| PFO2HxA | 13 | 13 | 42 | 40 J | 14 | 38 | 12 | 22 | 21 | 24 |
| PFO3OA | 2.6 | 2.7 | 9.0 | 13 J | 3.1 | 19 | 3.8 | 12 | 5.6 | 6.4 |
| PFO4DA | <2.0 | <2.0 | 6.4 | 9.5 J | <2.0 | 15 | 2.9 | 9.1 | 3.9 | 2.9 |
| PFO5DA | <2.0 | <2.0 | 6.4 | 15 J | <2.0 | 14 | 3.2 | 9.8 | 4.8 | 3.4 |
| PMPA | 17 | 17 | 73 | 43 J | 26 | 39 | 12 | 11 | <10 | 31 |
| PEPA | <20 | <20 | <20 | <20 UJ | <20 | <20 | <20 | <20 | <20 | <20 |
| PS Acid | 5.1 | 5.1 | 12 | 11 J | <2.0 | 9.9 | 2.3 | 6.9 | 2.3 | <2.0 |
| Hydro-PS Acid | 5.8 | 5.6 | 66 | 15 J | <2.0 | 39 | 3.9 | 45 | 7.0 | 13 |
| R-PSDA | 17 J | 20 J | 20 J | 17 J | 7.3 J | 33 J | 44 J | 27 J | <2.0 | 6.7 J |
| Hydrolyzed PSDA | 6.0 J | 6.3 J | 11 J | 20 J | 11 J | 25 J | 15 J | 30 J | 24 J | 14 J |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | 5.4 | 5.7 | 6.3 | <2.0 UJ | <2.0 | 2.6 | 7.1 | 3.0 | 12 | 2.9 |
| EVE Acid | <2.0 | <2.0 | 2.5 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | 2.0 J | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-EVE | 3.2 J | 4.0 J | 4.0 J | 22 J | 2.6 J | 17 J | 27 J | 9.4 J | <2.0 | 3.7 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFCEA B | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFCEA-G | <2.0 | <2.0 | <2.4 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 76 | 75 | 2,700 | 2,900 | 80 | 750 | 83 | 340 | 170 | 150 |
| Total Table 3+ (17 compounds)^{2,3} | 81 | 81 | 2,700 | 2,900 | 80 | 750 | 90 | 350 | 190 | 150 |
| Total Table 3+ (20 compounds)² | 110 | 110 | 2,800 | 2,900 | 100 | 820 | 180 | 410 | 210 | 180 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | -- | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| 11Cl-PF3OUdS | -- | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | -- | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | -- | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | -- | <4.0 | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 |
| 6:2 Fluorotelomer sulfonate | -- | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 |
| 9Cl-PF3ONS | -- | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| DONA | -- | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | -- | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | -- | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 |
| Perfluorobutane Sulfonic Acid | -- | -- | -- | -- | 4.4 | 4.3 J | 8.8 | 5.4 | 16 | 12 |
| Perfluorobutanoic Acid | 7.0 J | 6.6 J | 12 J | 7.9 | <5.0 | 6.6 J | 9.4 | <5.0 | 9.4 | 7.9 |
| Perfluorodecane Sulfonic Acid | -- | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | -- | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | -- | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptanoic Acid ¹ | 4.6 J | 4.3 | 5.2 | 4.0 | 2.7 | 2.8 J | 4.4 | 3.1 | 7.0 | 6.7 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexane Sulfonic Acid | -- | -- | -- | -- | 3.8 | 2.5 J | 6.0 | 5.5 | 7.5 | 5.1 |
| Perfluorohexanoic Acid | 9.2 J | 8.0 J | 8.9 J | 8.8 | 6.3 | 4.4 J | 7.3 | 6.5 | 18 | 16 |
| Perfluorononanesulfonic Acid | -- | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctane Sulfonamide | -- | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | -- | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentanoic Acid | 12 J | 11 J | 16 J | 12 | 6.6 | 6.4 J | 10 | 6.8 | 23 | 19 |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| PFOA | 10 J | 9.5 J | 23 J | 32 | 5.6 | 9.7 J | 7.4 | 12 | 15 | 10 |
| PFOS | -- | -- | -- | -- | 7.6 | 7.3 J | 15 | 12 | 14 | 12 |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 7B | 7B | 7B | 7B | 7B | 7B | 7B | 7B | 7B | 7B |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|------------------------|---------------------|-----------------------|---------------------|-----------------------|
| Sampling Event | February 2021 | April/May 2021 | June 2021 | August 2021 | September 2021 | December 2021 | January 2022 | January 2022 | April 2022 | April 2022 |
| Field Sample ID | STW-LOC-7B-8-021821 | STW-LOC-7B-4-042921 | STW-LOC-7B-4-061821 | STW-LOC-7B-6-081721 | STW-LOC-7B-8-092121 | STW-LOC-7B-5,33-120821 | STW-LOC-7B-8-011622 | STW-LOC-7B-8-011622-D | STW-LOC-7B-4-040522 | STW-LOC-7B-4-040522-D |
| Date Sampled | 02/18/2021 | 04/29/2021 | 06/18/2021 | 08/17/2021 | 09/21/2021 | 12/08/2021 | 01/16/2022 | 01/16/2022 | 04/05/2022 | 04/05/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | Field Duplicate | | Field Duplicate |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 620 | 58 J | 18 | 31 | 2,600 | 1,900 J | 560 | 580 | 580 J | 620 J |
| PFMOAA | 110 | <80 | 14 | 21 | 180 | 210 J | 45 J | 66 J | 170 | 170 |
| PFO2HxA | 32 | <27 | 9.9 | 20 | 90 | 100 J | 52 | 52 | 82 | 85 |
| PFO3OA | 9.2 | <39 | 2.2 | 5.3 | 23 | 33 J | 14 J | 14 | 30 | 31 |
| PFO4DA | 3.6 | <59 | <2.0 | 2.3 | 8.2 | 17 J | 6.9 | 6.4 | 18 | 19 |
| PFO5DA | 4.3 | <78 | <2.0 | 2.0 | 9.9 | 22 J | 5.1 | 5.2 | 16 | 16 |
| PMPA | 29 | <620 | 34 | <10 | <31 | 51 J | 50 J | 53 | 34 | 37 |
| PEPA | <20 | <20 | <20 | <20 | <20 | 20 J | <20 | <20 | <20 | <20 |
| PS Acid | 2.4 | <20 | <2.0 | 3.4 | 12 | 9.5 J | <2.0 | <2.0 | 9.4 | 10 |
| Hydro-PS Acid | 3.4 | <6.1 | <2.0 | 9.8 | 86 | 23 J | 4.8 | 4.6 | 43 | 43 |
| R-PSDA | 23 J | <71 | <2.0 | 6.4 J | 22 J | 23 J | 20 J | 39 J | 32 J | 41 J |
| Hydrolyzed PSDA | 25 J | <38 | 7.9 J | 15 J | 41 J | 75 J | 39 J | 46 J | 82 J | 87 J |
| R-PSDCA | <2.0 | <17 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | 2.5 | <15 | 3.3 | 8.6 | 10 | 8.8 J | 4.1 J | 3.8 | 5.2 | 5.4 |
| EVE Acid | <2.0 | <17 | <2.0 | <2.0 | 2.8 | 2.0 J | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-EVE Acid | <2.0 | <14 | <2.0 | <2.0 | 2.0 | 2.8 J | <2.0 | <2.0 | <2.0 | <2.0 |
| R-EVE | 5.5 J | <72 | <2.0 | 4.9 J | 6.3 J | 14 J | 4.8 J | 10 J | 16 J | 17 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <6.7 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <27 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <48 | <2.0 | <2.0 | <2.4 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 810 | 58 | 78 | 95 | 3,000 | 2,400 | 740 | 780 | 980 | 1,000 |
| Total Table 3+ (17 compounds)^{2,3} | 820 | 58 | 81 | 100 | 3,000 | 2,400 | 740 | 790 | 990 | 1,000 |
| Total Table 3+ (20 compounds)² | 870 | 58 | 89 | 130 | 3,100 | 2,500 | 810 | 880 | 1,100 | 1,200 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| 11Cl-PF3OUdS | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 UJ | <4.0 UJ | -- | -- | -- | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ |
| 9Cl-PF3ONS | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| DONA | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ |
| Perfluorobutane Sulfonic Acid | <2.0 | 3.4 J | 5.1 J | -- | -- | -- | 3.7 | 3.4 | 4.7 J | 4.5 J |
| Perfluorobutanoic Acid | <5.0 | <5.0 UJ | 5.8 J | 6.0 J | 12 J | 8.2 | 5.2 | 5.3 | 6.9 J | 7.3 J |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorodecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorododecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluoroheptanoic Acid ¹ | <2.0 | 3.0 J | 6.6 | 4.2 | 5.2 J | 4.2 | 3.8 | 3.5 | 3.8 J | 4.6 J |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorohexane Sulfonic Acid | <2.0 | 5.4 J | 5.3 J | -- | -- | -- | 2.7 | 3.2 | 2.3 J | 3.1 J |
| Perfluorohexanoic Acid | <2.0 | 5.1 J | 10 J | 8.2 J | 8.3 J | 8.0 | 5.8 J | 6.2 | 4.9 J | 5.5 J |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorononanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluoropentanoic Acid | 3.1 | 8.0 J | 10 J | 11 J | 16 J | 11 | 16 | 16 | 7.2 J | 6.2 J |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorotridecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluoroundecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| PFOA | 8.5 | 6.8 J | 9.1 J | 8.2 J | 25 J | 35 | 11 | 10 | 11 J | 9.8 J |
| PFOS | 3.0 | 12 J | 14 J | -- | -- | -- | 6.6 | 6.3 | 8.3 J | 8.0 J |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | 7B | 7B | 7B | 7B | 7C | 7C | 7C | 7C | 7C | 7C |
|--|---------------------|---------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Sampling Event | May 2022 | July 2022 | September 2022 | November 2022 | February 2021 | April/May 2021 | June 2021 | August 2021 | September 2021 | December 2021 |
| Field Sample ID | STW-LOC-7B-4-052722 | STW-LOC-7B-4-071522 | STW-LOC-7B-2.3-091122 | STW-LOC-7B-4-113022 | STW-LOC-7C-8-021821 | STW-LOC-7C-4-042921 | STW-LOC-7C-4-061821 | STW-LOC-7C-6-081721 | STW-LOC-7C-8-092121 | STW-LOC-7C-8-120821 |
| Date Sampled | 05/27/2022 | 07/15/2022 | 09/11/2022 | 11/30/2022 | 02/18/2021 | 04/29/2021 | 06/18/2021 | 08/17/2021 | 09/21/2021 | 12/08/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 43 | 230 | 140 | 56 | 4,800 | 62 J | 35 | 62 | 1,900 | 3,600 J |
| PFMOAA | 82 | 110 | 40 | 79 | 140 | 12,000 | 11 | 35 | 95 | 80 J |
| PFO2HxA | 39 | 73 | 53 | 50 | 110 | <27 | 11 | 24 | 190 | 85 J |
| PFO3OA | 13 | 26 | 23 | 15 | 43 | <39 | <2.0 | 7.3 | 47 | 31 J |
| PFO4DA | 4.9 | 17 | 14 | 8.9 | 22 | <59 | <2.0 | 3.3 | 20 | 15 J |
| PFO5DA | 3.6 | 13 | 12 | 7.6 | 24 | <78 | <2.0 | 2.6 | 18 | 12 J |
| PMPA | 14 | <10 | <10 | 38 | 58 | <620 | 39 | 19 | 37 | 58 J |
| PEPA | <20 | <20 | <20 | <20 | 24 | <20 | <20 | <20 | <20 | 21 J |
| PS Acid | 2.5 | 7.2 | 7.7 | 2.6 | 160 | 67 B | 24 | 4.1 | 160 | 10 J |
| Hydro-PS Acid | 4.5 | 48 | 36 | 28 | 25 | <6.1 | 2.5 | 4.6 | 63 | 8.1 J |
| R-PSDA | 33 J | <2.0 | <2.0 | 12 J | 450 J | <71 | <2.0 | 18 J | 170 J | 10 J |
| Hydrolyzed PSDA | 59 J | 79 J | 28 J | 89 J | 270 J | <38 | 69 J | 19 J | 240 J | 45 J |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 | 2.9 | <17 | <2.0 | <2.0 | 2.5 | <2.0 UJ |
| NVHOS, Acid Form | 9.3 | <2.0 | 12 | 6.1 | 14 | 490 | <2.0 | 7.0 | 13 | 5.3 J |
| EVE Acid | <2.0 | <2.0 | 2.2 | 3.5 | 51 | <17 | 7.1 | 10 | 22 | 2.4 J |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | 2.6 | 6.5 | <14 | <2.0 | 3.6 | 11 | <2.0 UJ |
| R-EVE | 21 J | 7.0 J | <2.0 | 4.4 J | 71 J | <72 | <2.0 | 19 J | 35 J | 14 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <6.7 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <27 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <48 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Total Attachment C¹ | 210 | 520 | 330 | 290 | 5,400 | 12,000 | 120 | 160 | 2,500 | 3,900 |
| Total Table 3+ (17 compounds)^{2,3} | 220 | 520 | 340 | 300 | 5,500 | 13,000 | 130 | 180 | 2,600 | 3,900 |
| Total Table 3+ (20 compounds)² | 330 | 610 | 370 | 400 | 6,300 | 13,000 | 200 | 240 | 3,000 | 4,000 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| 11Cl-PF3OUdS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ | -- | -- | -- |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- |
| 9Cl-PF3ONS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| DONA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- |
| Perfluorobutane Sulfonic Acid | 8.4 | 5.6 | 12 | 12 | <2.0 | 3.8 J | 5.5 J | -- | -- | -- |
| Perfluorobutanoic Acid | 8.6 | <5.0 | 5.4 | 8.6 | 7.9 | <5.0 UJ | 6.3 J | 5.9 J | 16 J | 6.2 |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| Perfluoroheptanoic Acid ¹ | 4.5 | 3.6 | 6.6 | 6.5 | 4.1 | 3.3 J | 6.3 | 4.8 J | 5.4 | 4.4 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorohexane Sulfonic Acid | 5.2 | 4.7 | 5.6 | 5.1 | <2.0 | 6.0 J | 5.4 J | -- | -- | -- |
| Perfluorohexanoic Acid | 7.4 | 6.6 | 14 | 15 | 2.1 | 6.6 J | 11 J | 10 J | 10 J | 9.4 |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| Perfluorononanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| Perfluoropentanoic Acid | 11 | 7.9 | 19 | 17 | 22 | 7.4 J | 10 J | 15 J | 23 J | 14 |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| PFOA | 7.6 | 12 | 12 | 11 | 8.8 | 6.5 J | 10 J | 9.8 J | 18 J | 26 |
| PFOS | 14 | 11 | 11 | 10 | 3.2 | 12 J | 15 J | -- | -- | -- |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | 7C | 7C | 7C | 7C | 7C | 7C | 7C | 8 | 8 | 8 | 8 |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|---|
| Sampling Event | January 2022 | April 2022 | May 2022 | July 2022 | September 2022 | November 2022 | February 2021 | April/May 2021 | June 2021 | August 2021 | |
| Field Sample ID | STW-LOC-7C-8-011622 | STW-LOC-7C-4-040522 | STW-LOC-7C-4-052722 | STW-LOC-7C-4-071522 | STW-LOC-7C-4-091122 | STW-LOC-7C-4-113022 | STW-LOC-8-4-021921 | STW-LOC-8-4-042921 | STW-LOC-8-4-061821 | STW-LOC-8-4-082321 | |
| Date Sampled | 01/16/2022 | 04/05/2022 | 05/27/2022 | 07/15/2022 | 09/11/2022 | 11/30/2022 | 02/19/2021 | 04/29/2021 | 06/18/2021 | 08/23/2021 | |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | |
| QA/QC | | | | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | | |
| Hfpo Dimer Acid | 560 | 500 | 130 | 240 | 130 | 50 | 230 | 200 J | 210 | 180 | |
| PFMOAA | 130 | 150 | 65 | 79 | 26 | 43 | 130 | 300 | 110 | 100 J | |
| PFO2HxA | 98 | 82 | 42 | 58 | 40 | 34 | 55 | <27 | 56 | 70 | |
| PFO3OA | 36 | 32 | 16 | 23 | 16 | 10 | 13 | <39 | 18 | 24 | |
| PFO4DA | 14 | 22 | 8.1 | 15 | 9.5 | 6.1 | 5.5 | <59 | 6.8 | 16 | |
| PFO5DA | 11 | 15 | 4.7 | 12 | 8.0 | 5.0 | 7.3 | <78 | 2.5 | 14 | |
| PMPA | 76 | 41 | 13 | 16 | <10 | 36 | 13 | <620 | 40 | 34 | |
| PEPA | 24 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | |
| PS Acid | 13 | 17 | 7.0 | 8.7 | 7.0 | 2.1 | 2.4 | 150 | <2.0 | <2.0 | |
| Hydro-PS Acid | 8.6 | 48 | 4.5 | 45 | 23 | 16 | 10 | <6.1 | 7.1 | 22 | |
| R-PSDA | 65 J | 44 J | 34 J | <2.0 | <2.0 | 8.9 J | <2.0 | <71 | <2.0 | 5.1 J | |
| Hydrolyzed PSDA | 80 J | 69 J | 49 J | 72 J | 17 J | 53 J | 32 J | <38 | 39 J | 78 J | |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <17 | <2.0 | <2.0 | |
| NVHOS, Acid Form | 6.8 | 6.3 | 9.2 | <2.0 | 12 | 3.1 | 7.3 | <15 | 14 | 15 | |
| EVE Acid | 3.3 | 2.3 | <2.0 | <2.0 | 3.8 | 6.0 | <2.0 | <17 | <2.0 | <2.0 | |
| Hydro-EVE Acid | 2.3 | 2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <14 | 2.3 | 4.3 | |
| R-EVE | 20 J | 18 J | 18 J | 3.3 J | <2.0 | 3.5 J | <2.0 | <72 | <2.0 | 9.5 J | |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <6.7 | <2.0 | <2.0 | |
| PFECA-B | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <27 | <2.0 | <2.0 | |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <48 | <2.0 | <2.0 | |
| Total Attachment C¹ | 970 | 910 | 290 | 500 | 260 | 200 | 470 | 650 | 450 | 460 | |
| Total Table 3+ (17 compounds)^{2,3} | 980 | 920 | 300 | 500 | 280 | 210 | 470 | 650 | 470 | 480 | |
| Total Table 3+ (20 compounds)² | 1,100 | 1,000 | 400 | 570 | 290 | 280 | 510 | 650 | 510 | 570 | |
| Other PFAS (ng/L) | | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| 11Cl-PF3OUdS | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 UJ | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ | -- | |
| 6:2 Fluorotelomer sulfonate | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | |
| 9Cl-PF3ONS | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| DONA | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | |
| Perfluorobutane Sulfonic Acid | 3.1 J | 4.1 J | 7.5 | 5.6 | 14 | 12 | 2.2 | 2.4 J | 3.1 J | -- | |
| Perfluorobutanoic Acid | 6.5 J | 7.1 J | 8.3 | 5.9 | 9.4 | 9.0 | <5.0 | 8.0 J | 7.0 J | 6.4 | |
| Perfluorodecane Sulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| Perfluoroheptanoic Acid ¹ | 3.5 J | 3.5 J | 5.2 | 3.6 | 7.2 | 6.9 | 2.2 | 2.9 J | 3.7 | 3.9 | |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | |
| Perfluorohexane Sulfonic Acid | 2.3 J | 2.3 J | 5.6 | 5.2 | 6.5 | 5.3 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| Perfluorohexanoic Acid | 5.0 J | 4.2 J | 8.0 | 7.0 | 17 | 17 | 4.0 | 5.7 J | 7.0 J | 6.4 | |
| Perfluorononanesulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | |
| Perfluorooctane Sulfonamide | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |
| Perfluoropentanoic Acid | 12 J | 6.4 J | 14 | 8.5 | 23 | 17 | 5.5 | 15 J | 21 J | 16 | |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | |
| PFOA | 13 J | 8.4 J | 7.1 | 9.7 | 11 | 9.7 | 3.3 | 3.1 J | 2.6 J | 4.8 | |
| PFOS | 6.1 J | 7.5 J | 15 | 12 | 12 | 11 | <2.0 | <2.0 UJ | <2.0 UJ | -- | |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
|--|----------------------|----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|--------------------|
| Sampling Event | August 2021 | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | September 2022 | September 2022 | December 2022 |
| Field Sample ID | STW-LOC-8-4-082321-D | STW-LOC-8-3.5-092321 | STW-LOC-8-4-120921 | STW-LOC-8-4-011922 | STW-LOC-8-4-040622 | STW-LOC-8-4-053122 | STW-LOC-8-4-071822 | STW-LOC-8-4-091422 | STW-LOC-8-4-091422-D | STW-LOC-8-4-120122 |
| Date Sampled | 08/23/2021 | 09/23/2021 | 12/09/2021 | 01/19/2022 | 04/06/2022 | 05/31/2022 | 07/18/2022 | 09/14/2022 | 09/14/2022 | 12/01/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | Field Duplicate | | | | | | | | Field Duplicate | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 170 | 140 | 270 J | 340 | 200 | 220 | 330 | 150 | 140 | 190 |
| PFMOAA | 100 J | 78 | 77 J | 230 | 420 J | 100 | 97 J | 65 J | 70 | 42 |
| PFO2HxA | 66 | 64 | 66 J | 120 | 220 J | 66 | 75 J | 140 | 120 | 69 |
| PFO3OA | 24 | 19 | 27 J | 39 | 77 | 24 | 28 J | 47 | 42 | 54 |
| PFO4DA | 18 | 6.2 | 8.4 J | 14 | 20 | 7.7 | 12 J | 14 | 14 | 51 |
| PFO5DA | 14 | 8.6 | 4.0 J | 4.9 | 32 | 2.3 | 4.5 J | 2.9 | 2.6 | 12 |
| PMPA | 31 | 37 | 48 J | 43 | 26 J | 15 | 17 J | 34 J | 26 | 92 |
| PEPA | <20 | <20 | <20 UJ | 24 | <20 | <20 | <20 UJ | 20 | <20 | 24 |
| PS Acid | <2.0 | <2.0 | <2.0 UJ | 2.6 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Hydro-PS Acid | 21 | 18 | 4.8 J | 9.8 | 58 | 6.8 | 9.8 J | 6.7 | 5.9 | 13 |
| R-PSDA | 4.7 J | <2.0 | 8.0 J | 67 J | 6.2 J | 3.2 J | <2.0 UJ | 7.6 J | 6.2 J | <2.0 |
| Hydrolyzed PSDA | 84 J | 48 J | 180 J | 230 J | 110 J | 45 J | 84 J | 100 J | 88 J | 79 J |
| R-PSDCA | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | 18 | 17 | 15 J | 25 | 16 J | 14 | 17 J | 18 | 18 | 16 |
| EVE Acid | <2.0 | <2.0 | <2.0 UJ | 2.2 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Hydro-EVE Acid | 4.1 | 2.0 | 2.0 J | 2.8 | 2.3 | <2.0 | 2.7 J | 2.2 | 2.2 | 5.7 |
| R-EVE | 10 J | 2.8 J | 12 J | 5.9 J | <2.0 | <2.0 | 4.5 J | 5.0 J | 13 J | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 440 | 370 | 510 | 830 | 1,100 | 440 | 570 | 480 | 420 | 550 |
| Total Table 3+ (17 compounds)^{2,3} | 470 | 390 | 520 | 860 | 1,100 | 460 | 590 | 500 | 440 | 570 |
| Total Table 3+ (20 compounds)² | 560 | 440 | 720 | 1,200 | 1,200 | 500 | 680 | 610 | 550 | 650 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 11Cl-PF3OUdS | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | <4.0 | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 |
| 6:2 Fluorotelomer sulfonate | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| 9Cl-PF3ONS | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| DONA | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| Perfluorobutane Sulfonic Acid | -- | -- | -- | 4.9 | 2.7 J | 4.4 | 5.0 | 5.7 J | 5.3 | 10 |
| Perfluorobutanoic Acid | 7.5 | 9.5 J | 9.8 | 12 | 10 J | 15 | 21 | 10 | 9.6 | <890 |
| Perfluorodecane Sulfonic Acid | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorodecanoic Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecanoic Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptanoic Acid ¹ | 3.9 | 3.2 J | 2.7 | 3.3 | <2.0 UJ | 2.3 | 3.5 | 3.9 | 3.5 | 5.4 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexane Sulfonic Acid | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexanoic Acid | 6.6 | 10 J | 11 | 9.3 | 4.4 J | 5.3 | 7.4 | 15 | 14 | 9.0 |
| Perfluorononanesulfonic Acid | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorononanoic Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorooctane Sulfonamide | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentanoic Acid | 18 | 18 J | 19 | 19 | 9.6 J | 14 | 21 | 23 | 21 | 16 |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorotridecanoic Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroundecanoic Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFOA | 5.1 | 3.6 J | 2.9 | 3.5 | <2.0 UJ | 2.3 | 3.1 | 4.4 | 3.5 | 5.0 |
| PFOS | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|--|--------------------|--------------------|--------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Sampling Event | February 2021 | April/May 2021 | August 2021 | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | September 2022 |
| Field Sample ID | STW-LOC-9-8-021821 | STW-LOC-9-4-042921 | STW-LOC-9-6-081721 | STW-LOC-9-8-092121 | STW-LOC-9-1-33-120821 | STW-LOC-9-4-011922 | STW-LOC-9-4-040522 | STW-LOC-9-4-052722 | STW-LOC-9-4-071522 | STW-LOC-9-4-091122 |
| Date Sampled | 02/18/2021 | 04/29/2021 | 08/17/2021 | 09/21/2021 | 12/08/2021 | 01/19/2022 | 04/05/2022 | 05/27/2022 | 07/15/2022 | 09/11/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 12,000 | 130 J | 50 | 180 | 870 J | 38 | 2,600 J | 110 | 380 | 160 |
| PFMOAA | 320 | <80 | 7.6 | 14 | 43 J | 23 | 81 | 8.5 | 7.8 | <2.0 |
| PFO2HxA | 760 | <27 | 13 | 150 | 140 J | 100 | 420 | 20 | 37 | 37 |
| PFO3OA | 300 | <39 | 4.0 | 24 | 58 J | 22 | 280 | 8.6 | 14 | 14 |
| PFO4DA | 300 | <59 | 2.4 | 9.9 | 37 J | 8.2 | 220 | 4.8 | 9.0 | 6.8 |
| PFO5DA | 260 | <78 | <2.0 | 11 | 22 J | 2.9 | 160 | 2.1 | 5.6 | 3.4 |
| PMPA | 260 | <620 | 18 | 34 | 240 J | 26 | 160 | 11 | 34 | 34 |
| PEPA | 97 | <20 | <20 | <20 | 68 J | <20 | 75 | <20 | <20 | <20 |
| PS Acid | 1,500 | 87 | <2.0 | 260 | 71 J | 22 | 290 | 5.9 | 11 | 12 |
| Hydro-PS Acid | 220 | <6.1 | <2.0 | 26 | 11 J | 2.4 | 76 | <2.0 | 4.1 | 4.3 |
| R-PSDA | 860 J | <71 | 16 J | 140 J | 28 J | 23 J | 280 J | 12 J | 28 J | 22 J |
| Hydrolyzed PSDA | 1,100 J | <38 | 5.2 J | 390 J | 56 J | 45 J | 140 J | 12 J | 21 J | 22 J |
| R-PSDCA | 40 | <17 | <2.0 | 2.2 | <2.0 UJ | <2.0 | 25 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | 76 | <15 | 6.3 | 12 | 6.8 J | 2.3 | 25 | 6.5 | <2.0 | 16 |
| EVE Acid | 460 | 35 | 9.6 | 17 | 21 J | 6.3 | 93 | <2.0 | 3.7 | 17 |
| Hydro-EVE Acid | 69 | <14 | 3.1 | 8.3 | 9.1 J | <2.0 | 27 | <2.0 | 2.7 | 2.6 |
| R-EVE | 220 J | <72 | 16 J | 27 J | 27 J | 4.6 J | 45 J | 4.0 J | <2.0 | 5.8 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <6.7 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <27 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.4 | <48 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.4 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 16,000 | 220 | 95 | 710 | 1,600 | 240 | 4,400 | 170 | 500 | 270 |
| Total Table 3+ (17 compounds)^{2,3} | 17,000 | 250 | 110 | 750 | 1,600 | 250 | 4,500 | 180 | 510 | 310 |
| Total Table 3+ (20 compounds)² | 19,000 | 250 | 150 | 1,300 | 1,700 | 330 | 5,000 | 210 | 560 | 360 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| 11Cl-PF3OUdS | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 UJ | -- | -- | -- | <4.0 | <4.0 UJ | <4.0 | <4.0 | <4.0 |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 UJ | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 |
| 9Cl-PF3ONS | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| DONA | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 UJ | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 UJ | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 |
| Perfluorobutane Sulfonic Acid | <2.0 | 3.5 J | -- | -- | -- | 4.4 | 4.5 J | 6.7 | 5.7 | 14 |
| Perfluorobutanoic Acid | 29 | <5.0 UJ | <5.0 UJ | 14 J | 10 | <5.0 | 11 J | 8.1 | 7.0 | 11 |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Perfluorodecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Perfluorododecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Perfluoroheptanoic Acid ¹ | 30 | 3.5 J | 5.3 J | 6.3 J | 10 | 3.1 | 10 J | 5.2 | 4.5 | 8.3 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Perfluorohexane Sulfonic Acid | <2.0 | 6.0 J | -- | -- | -- | 3.9 | 3.8 J | 5.4 | 7.3 | 7.6 |
| Perfluorohexanoic Acid | 5.2 | 6.5 J | 10 J | 13 J | 14 | 6.0 | 7.1 J | 8.0 | 9.2 | 18 |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Perfluorononanoic Acid | 4.8 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | 3.3 J | <2.0 | <2.0 | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Perfluoropentanoic Acid | 190 | 9.5 J | 14 J | 25 J | 52 | 7.4 | 40 J | 14 | 14 | 30 |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Perfluorotridecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Perfluoroundecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| PFOA | 8.5 | 6.5 J | 9.3 J | 8.8 J | 9.0 | 6.0 | 8.3 J | 7.1 | 6.7 | 9.6 |
| PFOS | 3.5 | 13 J | -- | -- | -- | 7.7 | 9.7 J | 15 | 17 | 15 |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 9 | 9A | 9A | 9A | 9A | 9A | 9A | 9A | 9A | 9A |
|--|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Sampling Event | November 2022 | August 2021 | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | September 2022 | December 2022 |
| Field Sample ID | STW-LOC-9-4-113022 | STW-LOC-9A-082321 | STW-LOC-9A-092321 | STW-LOC-9A-120921 | STW-LOC-9A-011922 | STW-LOC-9A-040622 | STW-LOC-9A-053122 | STW-LOC-9A-071822 | STW-LOC-9A-091422 | STW-LOC-9A-120122 |
| Date Sampled | 11/30/2022 | 08/23/2021 | 09/23/2021 | 12/09/2021 | 01/19/2022 | 04/06/2022 | 05/31/2022 | 07/18/2022 | 09/14/2022 | 12/01/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 300 | 11 | 14 | 18 J | 27 | 38 J | 8.5 | 19 | 5.8 | 11 |
| PFMOAA | 42 | 3.9 | <2.0 | 16 J | 18 | 15 | 11 | 6.7 | <2.0 | 7.7 |
| PFO2HxA | 86 | 6.7 | 6.2 | 20 J | 50 | 21 | 8.3 | 12 | 5.0 | 12 |
| PFO3OA | 33 | <2.0 | <2.0 | 4.3 J | 10 | 6.0 | <2.0 | 2.2 | <2.0 | 2.2 |
| PFO4DA | 22 | <2.0 | <2.0 | <2.0 UJ | 3.5 | 2.9 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO5DA | 19 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PMPA | 31 | 15 | 35 | 26 J | 25 | 25 | 13 | <10 | 25 | 16 |
| PEPA | <20 | <20 | <20 | <20 UJ | <20 | <20 | <20 | <20 | <20 | <20 |
| PS Acid | 62 | <2.0 | <2.0 | 3.4 J | 12 | 6.3 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-PS Acid | 11 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-PSDA | 19 J | <2.0 | <2.0 | 3.5 J | 3.5 J | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydrolyzed PSDA | 84 J | <2.0 | <2.0 | 7.8 J | 19 J | 14 J | 11 J | 6.0 J | <2.0 | 2.2 J |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | 5.9 | 5.6 | <2.0 | 3.5 J | <2.0 | <2.0 | 3.9 | 6.0 | <2.0 | <2.0 |
| EVE Acid | 260 | <2.0 | <2.0 | <2.0 UJ | 3.2 | <2.0 | <2.0 | <2.0 | <2.0 | 4.4 |
| Hydro-EVE Acid | 16 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-EVE | 13 J | <2.0 | <2.0 | 6.3 J | <2.0 | 3.0 J | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 610 | 37 | 55 | 88 | 150 | 110 | 41 | 40 | 36 | 49 |
| Total Table 3+ (17 compounds)^{2,3} | 890 | 42 | 55 | 91 | 150 | 110 | 45 | 46 | 36 | 53 |
| Total Table 3+ (20 compounds)² | 1,000 | 42 | 55 | 110 | 170 | 130 | 56 | 52 | 36 | 56 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| 11Cl-PF3OUdS | <2.0 | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | -- | -- | -- | <4.0 | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 |
| 6:2 Fluorotelomer sulfonate | <5.0 | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 |
| 9Cl-PF3ONS | <2.0 | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| DONA | <2.0 | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 |
| Perfluorobutane Sulfonic Acid | 13 | -- | -- | -- | 4.8 | 4.8 J | 5.6 | 5.4 | 8.4 | 5.8 |
| Perfluorobutanoic Acid | 8.8 | 7.4 | 6.9 J | 7.3 | <5.0 | <5.0 UJ | 6.6 | <5.0 | 7.9 | 5.6 |
| Perfluorodecane Sulfonic Acid | <2.0 | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptanoic Acid ¹ | 8.5 | 5.9 | 5.8 J | 4.2 | 3.1 | 4.2 J | 4.4 | 3.5 | 3.5 | 3.9 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexane Sulfonic Acid | 5.4 | -- | -- | -- | 3.4 | 3.7 J | 4.2 | 6.0 | 8.8 | 3.4 |
| Perfluorohexanoic Acid | 16 | 11 | 14 J | 11 | 6.9 | 5.8 J | 7.4 | 5.8 | 9.5 | 8.6 |
| Perfluorononanesulfonic Acid | <2.0 | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorononanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentanoic Acid | 29 | 14 | 19 J | 12 | 6.5 | 6.7 J | 8.0 | 10 | 9.6 | 9.7 |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| PFOA | 9.2 | 9.2 | 9.3 J | 8.0 | 5.9 | 7.4 J | 7.0 | 6.1 | 6.7 | 6.1 |
| PFOS | 11 | -- | -- | -- | 6.9 | 9.6 J | 15 | 15 | 15 | 9.0 |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 10 | 10 | 10 | 10 | 10 | 10A | 10A | 10A | 10A | 10A |
|--|---------------------|---------------------|---------------------|---------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|
| Sampling Event | February 2021 | August 2022 | November 2022 | December 2022 | December 2022 | February 2021 | April/May 2021 | August 2021 | September 2021 | September 2021 |
| Field Sample ID | STW-LOC-10-8-021821 | STW-LOC-10-4-081222 | STW-LOC-10-4-111122 | STW-LOC-10-4-121522 | STW-LOC-10-4-121522-D | STW-LOC-10A-8-021821 | STW-LOC-10A-4-042921 | STW-LOC-10A-6-081721 | STW-LOC-10A-8-092121 | STW-LOC-10A-8-092121-D |
| Date Sampled | 02/18/2021 | 08/12/2022 | 11/11/2022 | 12/15/2022 | 12/15/2022 | 02/18/2021 | 04/29/2021 | 08/17/2021 | 09/21/2021 | 09/21/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | Field Duplicate | | | | | Field Duplicate |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 15,000 | 31 J | 240 | 800 | 760 | 23,000 | 150 J | 88 | 790 J | 760 J |
| PFMOAA | 4,200 | 9.4 J | 110 | 240 J | 350 J | 1,200 | <80 | 11 | 100 | 98 |
| PFO2HxA | 1,200 | 21 J | 230 | 410 | 390 | 760 | <27 | 22 | 480 | 470 |
| PFO3OA | 450 | 5.7 J | 100 | 190 | 180 | 310 | <39 | 9.7 | 130 | 130 |
| PFO4DA | 460 | 2.8 J | 55 | 170 | 170 | 290 | <59 | 4.5 | 63 | 63 |
| PFO5DA | 260 | <2.0 UJ | 27 | 61 J | 62 | 190 | <78 | 3.3 | 44 | 48 |
| PMPA | 330 | 11 J | 81 | 61 J | 74 | 240 | <620 | 16 | 56 | 54 |
| PEPA | 120 | <20 UJ | 50 | 53 | 51 | 93 | <20 | <20 | 25 | 24 |
| PS Acid | 690 | 2.6 J | 36 | 54 | 52 | 1,200 | 69 B | 5.3 | 340 | 360 |
| Hydro-PS Acid | 140 | 2.7 J | 12 | 23 | 22 | 180 | <6.1 | <2.0 | 64 | 65 |
| R-PSDA | 170 J | <2.0 UJ | 96 J | 39 J | 55 J | 570 J | <71 | 21 J | 500 J | 450 J |
| Hydrolyzed PSDA | 160 J | 22 J | 81 J | 21 J | 29 J | 740 J | <38 | 9.1 J | 430 J | 390 J |
| R-PSDCA | 11 | <2.0 UJ | <2.0 | <2.0 | <2.0 | 34 | <17 | <2.0 | 7.6 | 7.3 |
| NVHOS, Acid Form | 79 | 3.8 J | 16 | 20 J | 17 | 69 | <15 | 7.0 | 26 | 25 |
| EVE Acid | 66 | <2.0 UJ | 18 | 130 | 120 | 380 | 29 | 20 | 73 | 76 |
| Hydro-EVE Acid | 46 | <2.0 UJ | 11 | 24 | 22 | 55 | <14 | 6.3 | 37 | 36 |
| R-EVE | 76 J | <2.0 UJ | 64 J | 37 J | 52 J | 150 J | <72 | 33 J | 120 J | 110 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <6.7 | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <27 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.4 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.4 | <48 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 23,000 | 86 | 940 | 2,100 | 2,100 | 27,000 | 220 | 160 | 2,100 | 2,100 |
| Total Table 3+ (17 compounds)^{2,3} | 23,000 | 90 | 990 | 2,200 | 2,300 | 28,000 | 250 | 190 | 2,200 | 2,200 |
| Total Table 3+ (20 compounds)² | 23,000 | 110 | 1,200 | 2,300 | 2,400 | 29,000 | 250 | 260 | 3,300 | 3,200 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- |
| 11Cl-PF3OUdS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 UJ | -- | -- | -- |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | -- | -- | -- |
| 9Cl-PF3ONS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- |
| DONA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | -- | -- | -- |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | -- | -- | -- |
| Perfluorobutane Sulfonic Acid | <2.0 | 7.1 | 11 | 5.2 | 4.8 | <2.0 | 3.6 J | -- | -- | -- |
| Perfluorobutanoic Acid | 27 | 5.0 | 10 | 15 | 14 | 27 | <5.0 UJ | 6.6 J | 26 J | 26 J |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- |
| Perfluoroheptanoic Acid ¹ | 8.4 | 4.8 | 5.2 | 4.2 | 4.4 | 24 | 4.3 J | 5.0 J | 8.1 J | 8.1 J |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorohexane Sulfonic Acid | <2.0 | 5.0 | 5.7 | 3.3 | 3.3 | <2.0 | 6.0 J | -- | -- | -- |
| Perfluorohexanoic Acid | 5.3 | 8.8 | 12 | 7.9 | 7.6 | 4.7 | 6.1 J | 10 J | 13 J | 14 J |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- |
| Perfluorononanoic Acid | 2.9 | <2.0 | <2.0 | <2.0 | <2.0 | 4.3 | <2.0 UJ | <2.0 UJ | 2.4 J | 2.3 J |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | -- |
| Perfluoropentanoic Acid | 48 | 17 | 19 | 17 | 17 | 150 | 9.4 J | 15 J | 43 J | 45 J |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| PFOA | 5.8 | 7.0 | 7.2 | 5.6 | 5.8 | 6.4 | 6.8 J | 9.1 J | 9.7 J | 10 J |
| PFOS | <2.0 | 12 | 9.2 | 6.9 | 6.7 | 3.2 | 12 J | -- | -- | -- |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 10A | 10A | 10A | 10A | 10A | 10A | 10A | 11 | 11 | 11 |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|
| Sampling Event | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | September 2022 | November 2022 | February 2021 | September 2021 | December 2021 |
| Field Sample ID | STW-LOC-10A-8-120821 | STW-LOC-10A-4-011922 | STW-LOC-10A-4-040522 | STW-LOC-10A-4-052722 | STW-LOC-10A-2-071522 | STW-LOC-10A-4-091122 | STW-LOC-10A-4-113022 | STW-LOC-11-8-021821 | STW-LOC-11-8-092121 | STW-LOC-11-8-120821 |
| Date Sampled | 12/08/2021 | 01/19/2022 | 04/05/2022 | 05/27/2022 | 07/15/2022 | 09/11/2022 | 11/30/2022 | 02/18/2021 | 09/21/2021 | 12/08/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 2,300 J | 34 | 2,800 J | 320 | 66 | 36 | 200 | 3,400 | 620 | 4,100 J |
| PFMOAA | 54 J | 23 | 93 | 30 | 6.2 | <2.0 | 39 | 340 | 200 | 310 J |
| PFO2HxA | 240 J | 94 | 450 | 46 | 9.8 | 16 | 72 | 240 | 490 | 780 J |
| PFO3OA | 110 J | 23 | 300 | 20 | 2.6 | 4.0 | 23 | 60 | 150 | 270 J |
| PFO4DA | 74 J | 6.9 | 220 | 13 | <2.0 | <2.0 | 14 | 81 | 100 | 210 J |
| PFO5DA | 41 J | 3.0 | 180 | 6.4 | <2.0 | <2.0 | 14 | 44 | 81 | 230 J |
| PMPA | 720 J | 28 | 180 | <10 | <10 | <10 | 35 | 330 | 760 | 1,700 J |
| PEPA | 190 J | <20 | 85 | <20 | <20 | <20 | <20 | 130 | 240 | 890 J |
| PS Acid | 130 J | 19 | 280 | 16 | <2.0 | 4.2 | 42 | 17 | 28 | 160 J |
| Hydro-PS Acid | 20 J | 2.0 | 72 | 4.2 | <2.0 | <2.0 | 8.0 | 36 | 49 | 100 J |
| R-PSDA | 64 J | 21 J | 280 J | <2.0 | 13 J | 9.8 J | 14 J | 150 J | 340 J | 270 J |
| Hydrolyzed PSDA | 99 J | 38 J | 130 J | 35 J | 8.2 J | 7.6 J | 58 J | 110 J | 190 J | 500 J |
| R-PSDCA | <2.0 UJ | <2.0 | 24 | <2.0 | <2.0 | <2.0 | <2.0 | 12 | 3.1 | <20 UJ |
| NVHOS, Acid Form | 12 J | 2.2 | 27 | 6.4 | 2.8 | 5.4 | 4.8 | 15 | 23 | 51 J |
| EVE Acid | 27 J | 5.1 | 95 | 2.4 | <2.0 | 4.0 | 140 | 8.3 | 21 | 86 J |
| Hydro-EVE Acid | 13 J | <2.0 | 27 | <2.0 | <2.0 | <2.0 | 9.9 | 7.9 | 17 | 27 J |
| R-EVE | 46 J | 4.1 J | 43 J | <2.0 | <2.0 | 2.4 J | 9.4 J | 64 J | 110 J | 280 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <20 UJ |
| PFECA-B | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <20 UJ |
| PFECA-G | <2.0 UJ | <2.0 | <2.4 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <20 UJ |
| Total Attachment C¹ | 3,900 | 230 | 4,700 | 460 | 85 | 60 | 450 | 4,700 | 2,700 | 8,800 |
| Total Table 3+ (17 compounds)^{2,3} | 3,900 | 240 | 4,800 | 460 | 87 | 70 | 600 | 4,700 | 2,800 | 8,900 |
| Total Table 3+ (20 compounds)² | 4,100 | 300 | 5,300 | 500 | 110 | 89 | 680 | 5,000 | 3,400 | 10,000 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | -- |
| 11Cl-PF3OUdS | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | -- |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | -- |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | -- |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | -- |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | <4.0 | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | -- | -- |
| 6:2 Fluorotelomer sulfonate | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | -- | -- |
| 9Cl-PF3ONS | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | -- |
| DONA | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | -- |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | -- | -- |
| N-ethylperfluoro-1-octanesulfonamide | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | -- |
| N-methyl perfluoro-1-octanesulfonamide | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | -- |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | -- | -- |
| Perfluorobutane Sulfonic Acid | -- | 4.4 | 4.0 J | 5.6 | 6.2 | 14 | 12 | <2.0 | -- | -- |
| Perfluorobutanoic Acid | 14 | <5.0 | 13 J | 5.8 | <5.0 | 11 | 8.9 | 100 | 160 J | 140 |
| Perfluorodecane Sulfonic Acid | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | -- |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | -- |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | -- |
| Perfluoroheptanoic Acid ¹ | 12 | 3.1 | 9.8 J | 5.0 | 4.2 | 7.8 | 8.1 | 3.2 | 3.2 | 8.4 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Perfluorohexane Sulfonic Acid | -- | 4.1 | 3.5 J | 5.3 | 7.4 | 7.1 | 5.2 | <2.0 | -- | -- |
| Perfluorohexanoic Acid | 14 | 7.2 | 6.1 J | 8.4 | 9.2 | 18 | 17 | 3.4 | 3.7 J | 4.3 |
| Perfluorononanesulfonic Acid | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | -- |
| Perfluorononanoic Acid | 2.6 | <2.0 | 3.1 J | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | 3.2 |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Perfluorooctane Sulfonamide | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | -- |
| Perfluoropentane Sulfonic Acid (PFPeS) | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | -- |
| Perfluoropentanoic Acid | 67 | 7.1 | 46 J | 19 | 16 | 27 | 25 | 29 | 91 J | 130 |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| PFOA | 9.0 | 6.0 | 8.5 J | 6.2 | 7.4 | 9.7 | 8.3 | 25 | 11 J | 7.3 |
| PFOS | -- | 7.9 | 9.7 J | 14 | 17 | 15 | 11 | <2.0 | -- | -- |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Sampling Event | January 2022 | April 2022 | July 2022 | September 2022 | November 2022 | November 2022 | November 2022 | November 2022 | December 2022 | February 2021 | April/May 2021 |
| Field Sample ID | STW-LOC-11-8-011622 | STW-LOC-11-4-040622 | STW-LOC-11-3-071522 | STW-LOC-11-4-091122 | STW-LOC-11-4-111122 | STW-LOC-11-4-111122-D | STW-LOC-11-4-113022 | STW-LOC-11-4-121522 | STW-LOC-11-4-121522 | STW-LOC-12-8-021821 | STW-LOC-12-4-042921 |
| Date Sampled | 01/16/2022 | 04/06/2022 | 07/15/2022 | 09/11/2022 | 11/11/2022 | 11/11/2022 | 11/30/2022 | 12/15/2022 | 12/15/2022 | 02/18/2021 | 04/29/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | Field Duplicate | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | | |
| Hfpo Dimer Acid | 1,700 | 260 J | 100 | 31 | 630 | 560 | 2,000 | 290 | 160 | 46 J | |
| PFMOAA | 180 | 24 | 12 | 8.0 | 100 J | 88 | 55 | 9.3 | <2.0 | <80 | |
| PFO2HxA | 380 | 110 | 21 | 63 | 220 | 220 | 110 | 57 | 16 | <27 | |
| PFO3OA | 150 | 49 | 6.9 | 13 | 89 | 93 | 46 | 25 | 3.3 | <39 | |
| PFO4DA | 120 | 36 | 10 | 16 | 72 | 72 | 56 | 26 | 3.2 | <59 | |
| PFO5DA | 69 | 38 | 19 | 29 | 58 | 57 | 57 | 13 | 2.8 | <78 | |
| PMPA | 1,200 | 72 | 18 | 47 | 390 | 370 | 88 | 40 | 12 | <620 | |
| PEPA | 420 | 25 | <20 | <20 | 210 | 190 | 56 | 23 | <20 | <20 | |
| PS Acid | 37 | 8.5 | <2.0 | 2.5 | 6.7 | 6.1 | 2.9 | 4.0 | <2.0 | <20 | |
| Hydro-PS Acid | 51 | 15 | 6.2 | 12 | 26 | 25 | 27 | 10 | <2.0 | <6.1 | |
| R-PSDA | 450 J | 67 J | <2.0 | 18 J | 92 J | 83 J | 12 J | 4.3 J | 14 J | <71 | |
| Hydrolyzed PSDA | 150 J | 8.5 J | <2.0 | 2.8 J | 55 J | 48 J | 2.0 J | 4.0 J | <2.0 | <38 | |
| R-PSDCA | 5.2 | <2.0 | <2.0 | <2.0 | 3.2 | 3.3 | 3.4 | <2.0 | <2.0 | <17 | |
| NVHOS, Acid Form | 16 | 2.5 | <2.0 | <2.0 | 8.6 | 8.8 | 4.9 | 2.4 | <2.0 | <15 | |
| EVE Acid | 36 | 2.0 | <2.0 | <2.0 | 9.8 | 10 | 5.4 | 3.8 | <2.0 | <17 | |
| Hydro-EVE Acid | 11 | 2.6 | <2.0 | <2.0 | 18 | 18 | 14 | 7.0 | <2.0 | <14 | |
| R-EVE | 76 J | 23 J | <2.0 | 2.9 J | 44 J | 37 J | 8.8 J | 6.1 J | <2.0 | <72 | |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <6.7 | |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <27 | |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <48 | |
| Total Attachment C¹ | 4,300 | 640 | 190 | 220 | 1,800 | 1,700 | 2,500 | 500 | 200 | 46 | |
| Total Table 3+ (17 compounds)^{2,3} | 4,400 | 640 | 190 | 220 | 1,800 | 1,700 | 2,500 | 510 | 200 | 46 | |
| Total Table 3+ (20 compounds)² | 5,100 | 740 | 190 | 250 | 2,000 | 1,900 | 2,500 | 520 | 210 | 46 | |
| Other PFAS (ng/L) | | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| 11Cl-PF3OUdS | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 UJ | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 UJ | |
| 6:2 Fluorotelomer sulfonate | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | |
| 9Cl-PF3ONS | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| DONA | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | |
| Perfluorobutane Sulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 5.5 J | |
| Perfluorobutanoic Acid | 50 J | <5.0 UJ | <5.0 | 6.1 | 12 | 13 | 8.7 | 5.6 | <5.0 | <5.0 UJ | |
| Perfluorodecane Sulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| Perfluoroheptanoic Acid ¹ | 3.0 J | 2.1 J | <2.0 | 2.0 | 3.2 | 3.0 | 4.2 | <2.0 | <2.0 | 170 | |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| Perfluorohexane Sulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 7.5 J | |
| Perfluorohexanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 2.2 | 10 J |
| Perfluorononanesulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | 2.4 | <2.0 | <2.0 | <2.0 UJ | |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| Perfluorooctane Sulfonamide | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| Perfluoropentanoic Acid | 27 J | 3.5 J | <2.0 | 4.8 | 10 | 11 | 8.7 | 3.8 | 3.3 | 14 J | |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | |
| PFOA | 2.6 J | 4.3 J | 3.3 | 3.4 | 3.8 | 5.4 | 3.0 | 3.7 | 3.2 | 12 J | |
| PFOS | <2.0 UJ | 4.4 J | 2.9 | 10 | 3.8 | 4.3 | 4.9 | 3.8 | 5.9 | 23 J | |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|------|
| Sampling Event | August 2021 | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | September 2022 | November 2022 | February 2021 | |
| Field Sample ID | STW-LOC-12-6-081721 | STW-LOC-12-8-092121 | STW-LOC-12-8-120821 | STW-LOC-12-8-011622 | STW-LOC-12-4-040522 | STW-LOC-12-4-052722 | STW-LOC-12-4-071522 | STW-LOC-12-4-091122 | STW-LOC-12-4-113022 | STW-LOC-13-7.3-021821 | |
| Date Sampled | 08/17/2021 | 09/21/2021 | 12/08/2021 | 01/16/2022 | 04/05/2022 | 05/27/2022 | 07/15/2022 | 09/11/2022 | 11/30/2022 | 02/18/2021 | |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | |
| QA/QC | | | | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | | |
| Hfpo Dimer Acid | 21 | 61 | 380 J | 1,800 | 210 J | 80 | 41 | 30 | 2,100 | 2,100 | |
| PFMOAA | 7.2 | 14 | 33 J | 180 | 17 | 16 | 12 J | 15 | 150 | 130 | |
| PFO2HxA | 22 | 100 | 110 J | 370 | 110 | 36 | 27 J | 52 | 160 | 51 | |
| PFO3OA | 2.9 | 18 | 43 J | 160 | 30 | 6.7 | 5.2 J | 11 | 70 | 11 | |
| PFO4DA | <2.0 | 6.0 | 41 J | 93 | 16 | 3.4 | 4.3 J | 5.0 | 48 | 7.6 | |
| PFO5DA | <2.0 | 8.3 | 22 J | 62 | 9.9 | <2.0 | 4.5 J | 3.7 | 28 | 6.0 | |
| PMPA | 15 | 46 | 150 J | 1,200 | 57 | 10 | 16 J | 29 | 72 | 110 | |
| PEPA | <20 | <20 | 64 J | 420 | <20 | <20 | <20 UJ | <20 | 40 | 27 | |
| PS Acid | <2.0 | 2.5 | 15 J | 38 | 4.3 | <2.0 | <2.0 UJ | <2.0 | 2.9 | 6.8 | |
| Hydro-PS Acid | <2.0 | 7.2 | 43 J | 64 | 15 | <2.0 | 3.7 J | 4.0 | 5.8 | 9.2 | |
| R-PSDA | 12 J | 81 J | 21 J | 560 J | 89 J | <2.0 | 27 J | <2.0 | 29 J | 28 J | |
| Hydrolyzed PSDA | 3.0 J | 9.4 J | 21 J | 190 J | 11 J | 8.9 J | 3.5 J | 5.2 J | 8.0 J | 4.5 J | |
| R-PSDCA | <2.0 | <2.0 | <2.0 UJ | 5.4 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | |
| NVHOS, Acid Form | 5.7 | 2.8 | <2.0 UJ | 17 | 3.6 | 4.4 | 3.9 J | 18 | 4.4 | 2.3 | |
| EVE Acid | <2.0 | <2.0 | 4.6 J | 35 | <2.0 | <2.0 | <2.0 UJ | <2.0 | 7.7 | 4.4 | |
| Hydro-EVE Acid | <2.0 | <2.0 | 2.6 J | 12 | 3.3 | <2.0 | <2.0 UJ | <2.0 | 6.6 | <2.0 | |
| R-EVE | 3.0 J | 4.4 J | 41 J | 94 J | 30 J | <2.0 | <2.0 UJ | <2.0 | 16 J | 7.8 J | |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | |
| PFECA B | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | |
| PFECA-G | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.4 | <2.0 | |
| Total Attachment C¹ | 68 | 260 | 900 | 4,400 | 470 | 150 | 110 | 150 | 2,700 | 2,500 | |
| Total Table 3+ (17 compounds)^{2,3} | 74 | 270 | 910 | 4,500 | 480 | 160 | 120 | 170 | 2,700 | 2,500 | |
| Total Table 3+ (20 compounds)² | 92 | 360 | 990 | 5,300 | 610 | 170 | 150 | 170 | 2,700 | 2,500 | |
| Other PFAS (ng/L) | | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 11Cl-PF3OUdS | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | 2.0 | |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | <4.0 UJ | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 |
| 6:2 Fluorotelomer sulfonate | -- | -- | -- | <5.0 UJ | <5.0 UJ | <5.0 | 5.7 | <5.0 | <5.0 | <5.0 | <5.0 |
| 9Cl-PF3ONS | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| DONA | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | -- | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 3.0 |
| N-methyl perfluoro-1-octanesulfonamide | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | -- | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| Perfluorobutane Sulfonic Acid | -- | -- | -- | <2.0 UJ | 2.3 J | 9.6 | <2.0 | 16 | 3.7 | <2.0 | |
| Perfluorobutanoic Acid | 6.0 J | 15 J | 17 | 49 J | 7.9 J | 9.6 | <5.0 | 11 | 5.8 | 12 | |
| Perfluorodecane Sulfonic Acid | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | 2.4 J | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptanoic Acid ¹ | 5.5 J | 2.0 | 3.8 | 3.6 J | 4.5 J | 9.4 | 2.2 | 9.1 | 4.5 | <2.0 | |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexane Sulfonic Acid | -- | -- | -- | <2.0 UJ | 2.2 J | 10 | 2.6 | 7.7 | 3.2 | <2.0 | |
| Perfluorohexanoic Acid | 13 J | 2.7 J | 7.6 | 2.7 J | 5.1 J | 18 | 2.9 | 21 | 7.5 | <2.0 | |
| Perfluorononanesulfonic Acid | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorononanoic Acid | 2.1 J | <2.0 UJ | <2.0 | <2.0 UJ | 3.1 J | 2.2 | <2.0 | 2.2 | <2.0 | <2.0 | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctane Sulfonamide | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | -- | -- | -- | <2.0 UJ | <2.0 UJ | 2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentanoic Acid | 15 J | 3.8 J | 11 | 28 J | 6.7 J | 18 | 2.8 | 25 | 9.2 | 5.0 | |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFOA | 11 J | 4.9 J | 7.3 | 3.7 J | 11 J | 13 | 3.3 | 11 | 6.8 | <2.0 | |
| PFOS | -- | -- | -- | 2.1 J | 18 J | 25 | 7.7 | 16 | 11 | <2.0 | |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|
| Sampling Event | August 2021 | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | August 2022 | September 2022 | September 2022 |
| Field Sample ID | STW-LOC-13-6-081721 | STW-LOC-13-8-092121 | STW-LOC-13-8-120821 | STW-LOC-13-8-011622 | STW-LOC-13-4-040522 | STW-LOC-13-4-052722 | STW-LOC-13-3-071522 | STW-LOC-13-4-081222 | STW-LOC-13-4-091122 | STW-LOC-13-4-091122-D |
| Date Sampled | 08/17/2021 | 09/21/2021 | 12/08/2021 | 01/16/2022 | 04/05/2022 | 05/27/2022 | 07/15/2022 | 08/12/2022 | 09/11/2022 | 09/11/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | | Field Duplicate |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 190 | 220 | 720 J | 610 | 600 J | 600 | 140 J | 200 | 100 | 95 |
| PFMOAA | 23 | 16 | 37 J | 46 | 33 | 50 | 21 J | 28 J | 31 J | 5.7 J |
| PFO2HxA | 110 | 150 | 230 J | 170 | 230 | 240 | 64 J | 93 J | 120 | 130 |
| PFO3OA | 22 | 29 | 93 J | 70 | 68 | 52 | 15 J | 34 J | 27 | 30 |
| PFO4DA | 11 | 12 | 69 J | 40 | 41 | 34 | 11 J | 21 J | 14 | 15 |
| PFO5DA | 9.7 | 6.6 | 34 J | 19 | 23 | 15 | 8.5 J | 8.5 J | 9.6 | 10 |
| PMPA | 87 | 72 | 250 J | 390 | 120 | 59 | 35 J | 72 J | 90 | 81 |
| PEPA | 28 | 24 | 140 J | 120 | 49 | 25 | <20 UJ | 23 J | 37 | 37 |
| PS Acid | 18 | 7.9 | 41 J | 21 | 31 | 10 | 3.6 J | 3.9 J | 15 | 15 |
| Hydro-PS Acid | 9.3 | 10 | 50 J | 13 | 17 | 19 | 5.1 J | 12 J | 8.1 | 8.7 |
| R-PSDA | 110 J | 97 J | 51 J | 100 J | 270 J | 380 J | 59 J | 64 J | 41 J | 50 J |
| Hydrolyzed PSDA | 37 J | 13 J | 22 J | 8.4 J | 25 J | 95 J | 11 J | 20 J | 13 J | 15 J |
| R-PSDCA | <2.0 | <2.0 | <2.0 UJ | 2.1 | 2.6 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| NVHOS, Acid Form | 2.9 | 4.3 | <2.0 UJ | 4.7 | 5.2 | 5.9 | 2.3 J | 6.3 J | 5.8 J | <2.0 |
| EVE Acid | <2.0 | 4.2 | 7.9 J | 5.1 | 5.3 | <2.0 | <2.0 UJ | 5.5 J | <2.0 | <2.0 |
| Hydro-EVE Acid | 3.0 | 4.9 | 6.1 J | 2.6 | 3.6 | 2.3 | <2.0 UJ | 2.4 J | 2.7 | 2.8 |
| R-EVE | 23 J | 6.2 J | 110 J | 15 J | 120 J | 150 J | 8.2 J | 12 J | <2.0 | 4.8 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Total Attachment C¹ | 510 | 550 | 1,700 | 1,500 | 1,200 | 1,100 | 300 | 500 | 450 | 430 |
| Total Table 3+ (17 compounds)^{2,3} | 510 | 560 | 1,700 | 1,500 | 1,200 | 1,100 | 310 | 510 | 460 | 430 |
| Total Table 3+ (20 compounds)² | 680 | 680 | 1,900 | 1,600 | 1,600 | 1,700 | 380 | 610 | 510 | 500 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 11Cl-PF3OUdS | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | <4.0 UJ | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 |
| 6:2 Fluorotelomer sulfonate | -- | -- | -- | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| 9Cl-PF3ONS | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| DONA | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | -- | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | -- | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| Perfluorobutane Sulfonic Acid | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorobutanoic Acid | 13 J | 27 J | 28 | 13 J | 9.4 J | 8.7 | 7.3 | 14 | 7.4 | 8.4 |
| Perfluorodecane Sulfonic Acid | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 | <2.0 | <2.0 UJ | 2.3 J | 2.4 | <2.0 | 3.1 | <2.0 | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexane Sulfonic Acid | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexanoic Acid | 2.5 J | <2.0 UJ | 2.0 | <2.0 UJ | 2.4 J | 3.4 | <2.0 | 2.5 | 2.0 | <2.0 |
| Perfluorononanesulfonic Acid | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorononanoic Acid | 5.9 J | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | 4.5 | <2.0 | 9.4 | <2.0 | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctane Sulfonamide | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentanoic Acid | 3.1 J | 5.8 J | 8.9 | 5.5 J | 4.6 J | 7.3 | 3.2 | 4.6 | 2.4 | 2.4 |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroundecanoic Acid | 3.3 J | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | 3.8 | <2.0 | <2.0 |
| PFOA | 6.6 J | 3.5 J | 4.6 | 3.6 J | 4.7 J | 4.0 | <2.0 | 5.2 | 2.2 | 2.4 |
| PFOS | -- | -- | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | 2.1 | <2.0 |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | 13 | 13 | 13 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
|--|---------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Sampling Event | September 2022 | September 2022 | November 2022 | February 2021 | April/May 2021 | June 2021 | August 2021 | September 2021 | December 2021 | April 2022 |
| Field Sample ID | STW-LOC-13-4-093022 | STW-LOC-13-4-093022-D | STW-LOC-13-4-113022 | STW-LOC-14-8-021821 | STW-LOC-14-4-042921 | STW-LOC-14-4-061821 | STW-LOC-14-6-081721 | STW-LOC-14-8-092121 | STW-LOC-14-8-120821 | STW-LOC-14-4-040522 |
| Date Sampled | 09/30/2022 | 09/30/2022 | 11/30/2022 | 02/18/2021 | 04/29/2021 | 06/18/2021 | 08/17/2021 | 09/21/2021 | 12/08/2021 | 04/05/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | Field Duplicate | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 180 | 190 | 1,800 | 50 | 44 J | 12 J | 18 | 21 | 250 J | 300 J |
| PFMOAA | 130 | 160 | 220 | <2.0 | <80 | 17 | 5.9 | 7.7 | 32 J | 19 |
| PFO2HxA | 300 | 320 | 280 | 8.1 | <27 | 9.2 | 16 | 37 | 79 J | 100 |
| PFO3OA | 73 | 88 | 140 | <2.0 | <39 | <2.0 | 2.4 | 6.4 | 15 J | 26 |
| PFO4DA | 33 | 42 | 70 | <2.0 | <59 | <2.0 | <2.0 | <2.0 | 6.4 J | 18 |
| PFO5DA | 15 | 17 | 38 | <2.0 | <78 | <2.0 | <2.0 | <2.0 | 2.5 J | 10 |
| PMPA | 110 | 120 | 180 | 20 | 670 | 19 | 23 | 19 | 83 J | 47 |
| PEPA | 47 | 53 | 130 | <20 | <20 | <20 | <20 | <20 | 40 J | <20 |
| PS Acid | 33 | 37 | 14 | <2.0 | <20 | <2.0 | <2.0 | <2.0 | 8.8 J | 14 |
| Hydro-PS Acid | 12 | 14 | 6.3 | <2.0 | <6.1 | <2.0 | <2.0 | <2.0 | 3.9 J | 26 |
| R-PSDA | 190 J | 160 J | 25 J | 11 J | <71 | <2.0 | 10 J | 21 J | 14 J | 120 J |
| Hydrolyzed PSDA | 22 J | 15 J | 6.1 J | <2.0 | <38 | 2.0 J | 2.3 J | 2.9 J | 11 J | 32 J |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 | <17 | <2.0 | <2.0 | <2.0 | <2.0 UJ | 3.1 |
| NVHOS, Acid Form | 4.5 | 5.5 | 2.2 | <2.0 | <15 | 2.6 | 6.3 | 3.9 | <2.0 UJ | 8.2 |
| EVE Acid | 67 | 78 | 43 | <2.0 | <17 | <2.0 | <2.0 | <2.0 | <2.0 UJ | 3.0 |
| Hydro-EVE Acid | 31 | 37 | 18 | <2.0 | <14 | <2.0 | <2.0 | <2.0 | 2.3 J | 14 |
| R-EVE | 66 J | 62 J | 36 J | <2.0 | <72 | <2.0 | 2.2 J | <2.0 | 26 J | 50 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <6.7 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 | <27 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| PFECA-G | <2.0 | <2.4 | <2.0 | <2.0 | <48 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Total Attachment C¹ | 930 | 1,000 | 2,900 | 78 | 710 | 57 | 65 | 91 | 520 | 560 |
| Total Table 3+ (17 compounds)^{2,3} | 1,000 | 1,200 | 2,900 | 78 | 710 | 60 | 72 | 95 | 520 | 590 |
| Total Table 3+ (20 compounds)² | 1,300 | 1,400 | 3,000 | 89 | 710 | 62 | 86 | 120 | 570 | 790 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 UJ |
| 11Cl-PF3OUdS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 UJ |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 UJ |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 UJ |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 UJ |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ | -- | -- | -- | <4.0 UJ |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- | <5.0 UJ |
| 9Cl-PF3ONS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 UJ |
| DONA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 UJ |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- | <5.0 UJ |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 UJ |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 UJ |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- | <5.0 UJ |
| Perfluorobutane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | 5.0 J | 4.7 J | -- | -- | -- | <2.0 UJ |
| Perfluorobutanoic Acid | 11 | 11 | 13 | <5.0 | 5.3 J | 6.3 J | 7.1 J | 10 J | 13 | 8.9 J |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 UJ |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 UJ |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 UJ |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 | <2.0 | <2.0 | 5.2 J | 5.4 | 6.0 J | 4.4 J | 6.3 | 6.3 J |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ |
| Perfluorohexane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | 7.9 J | 5.0 J | -- | -- | -- | <2.0 UJ |
| Perfluorohexanoic Acid | <2.0 | <2.0 | <2.0 | 2.2 | 9.5 J | 7.8 J | 12 J | 9.9 J | 15 | 4.8 J |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 UJ |
| Perfluorononanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | 4.4 J |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 UJ |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 UJ |
| Perfluoropentanoic Acid | 3.2 | 3.2 | 4.2 | 2.5 | 12 J | 7.7 J | 18 J | 13 J | 16 | 6.8 J |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ |
| PFOA | 2.6 | 2.7 | <2.0 | 2.5 | 8.9 J | 7.1 J | 11 J | 6.9 J | 10 | 6.4 J |
| PFOS | <2.0 | <2.0 | <2.0 | 5.0 | 14 J | 11 J | -- | -- | -- | 5.7 J |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | 14 | 14 | 14 | 14 | 14 | 15 | 15 | 15 | 15 | 15 |
|--|---------------------|---------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|
| Sampling Event | May 2022 | July 2022 | July 2022 | September 2022 | November 2022 | February 2021 | April/May 2021 | June 2021 | August 2021 | September 2021 |
| Field Sample ID | STW-LOC-14-4-052722 | STW-LOC-14-4-071522 | STW-LOC-14-4-071522-D | STW-LOC-14-4-091122 | STW-LOC-14-4-113022 | STW-LOC-15-8-021821 | STW-LOC-15-4-021921 | STW-LOC-15-4-061821 | STW-LOC-15-6-081721 | STW-LOC-15-7.5-092121 |
| Date Sampled | 05/27/2022 | 07/15/2022 | 07/15/2022 | 09/11/2022 | 11/30/2022 | 02/18/2021 | 04/29/2021 | 06/18/2021 | 08/17/2021 | 09/21/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | Field Duplicate | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 74 | 24 J | 25 J | 18 | 1,600 | 22,000 | 200 J | 72 | 88 | 670 |
| PFMOAA | 15 | 7.9 J | 6.1 J | <2.0 | 76 J | 610 | <80 UJ | 8.0 | 11 | 88 |
| PFO2HxA | 28 | 13 J | 15 J | 14 | 100 | 600 | <27 UJ | 11 | 20 | 500 |
| PFO3OA | 5.2 | 2.9 J | 3.2 J | 4.4 | 37 | 250 | <39 UJ | 3.3 | 6.8 | 110 |
| PFO4DA | 2.5 | <2.0 UJ | 2.1 J | <2.0 | 16 | 170 | <59 UJ | <2.0 | 3.3 | 64 |
| PFO5DA | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | 5.8 | 160 | <78 UJ | <2.0 | 2.4 | 47 |
| PMPA | 15 | 17 J | 17 J | <10 | 58 | 180 | 77 J | 37 | 16 | 54 |
| PEPA | <20 | <20 UJ | <20 UJ | <20 | 38 | 81 | <20 UJ | <20 | <20 | 28 |
| PS Acid | 3.1 | <2.0 UJ | <2.0 UJ | <2.0 | 2.4 | 1,100 | <20 UJ | 79 | 4.5 | 520 |
| Hydro-PS Acid | 2.3 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | 190 | <6.1 UJ | 5.8 | <2.0 | 67 |
| R-PSDA | 18 J | <2.0 UJ | <2.0 UJ | 22 J | 6.5 J | 1,200 J | <71 UJ | 85 J | 22 J | 270 J |
| Hydrolyzed PSDA | 9.1 J | 4.7 J | 4.6 J | 6.5 J | 3.8 J | 1,000 J | <38 UJ | 240 J | 7.8 J | 350 J |
| R-PSDCA | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | 33 | <17 UJ | <2.0 | <2.0 | 6.7 |
| NVHOS, Acid Form | 4.0 | 4.0 J | 3.9 J | 9.6 | 4.3 | 72 | <15 UJ | 3.5 | 6.3 | 23 |
| EVE Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | 10 | 330 | <17 UJ | 22 | 17 | 69 |
| Hydro-EVE Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | 6.5 | 51 | <14 UJ | <2.0 | 5.7 | 31 |
| R-EVE | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | 8.8 J | 260 J | <72 UJ | 12 J | 33 J | 74 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <6.7 UJ | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <27 UJ | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.4 | <48 UJ | <2.0 | <2.0 | <2.4 |
| Total Attachment C¹ | 150 | 65 | 68 | 36 | 1,900 | 25,000 | 280 | 220 | 150 | 2,100 |
| Total Table 3+ (17 compounds)^{2,3} | 150 | 69 | 72 | 46 | 2,000 | 26,000 | 280 | 240 | 180 | 2,300 |
| Total Table 3+ (20 compounds)² | 180 | 74 | 77 | 75 | 2,000 | 28,000 | 280 | 580 | 240 | 3,000 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| 11Cl-PF3OUdS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ | -- | -- |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- |
| 9Cl-PF3ONS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| DONA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- |
| Perfluorobutane Sulfonic Acid | 8.4 | 2.7 | 2.7 | 22 | 5.6 | <2.0 | 3.2 J | 5.6 J | -- | -- |
| Perfluorobutanoic Acid | 7.6 | <5.0 | <5.0 | 14 | 11 | 22 | <5.0 UJ | 5.4 J | <5.0 UJ | 20 J |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| Perfluoroheptanoic Acid ¹ | 7.6 | 2.3 | 2.4 | 13 | 6.0 | 23 | 3.5 J | 6.1 | 5.5 J | 7.5 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorohexane Sulfonic Acid | 10 | 3.1 | 3.5 | 11 | 3.4 | <2.0 | 5.5 J | 5.2 J | -- | -- |
| Perfluorohexanoic Acid | 15 | 4.3 | 4.0 | 30 | 12 | 3.9 | 5.5 J | 10 J | 10 J | 12 J |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| Perfluorononanoic Acid | 2.5 | <2.0 | <2.0 | 2.5 | <2.0 | 4.5 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 | <2.0 | 2.1 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| Perfluoropentanoic Acid | 17 | 5.3 | 4.9 | 45 | 14 | 150 | 9.0 J | 11 J | 14 J | 40 J |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| PFOA | 11 | 3.3 | 3.7 | 16 | 6.3 | 5.0 | 6.3 J | 10 J | 9.8 J | 9.6 J |
| PFOS | 22 | 7.8 | 8.0 | 20 | 7.3 | 3.0 | 11 J | 15 J | -- | -- |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 16 | 16 | 16 |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|----|
| Sampling Event | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | September 2022 | November 2022 | September 2022 | September 2022 | October 2022 | |
| Field Sample ID | STW-LOC-15-8-120821 | STW-LOC-15-8-011622 | STW-LOC-15-4-040522 | STW-LOC-15-4-052722 | STW-LOC-15-4-071522 | STW-LOC-15-4-091122 | STW-LOC-15-4-113022 | STW-LOC-16-091922 | STW-LOC-16-092722 | STW-LOC-16-100422 | |
| Date Sampled | 12/08/2021 | 01/16/2022 | 04/05/2022 | 05/27/2022 | 07/15/2022 | 09/11/2022 | 11/30/2022 | 09/19/2022 | 09/27/2022 | 10/04/2022 | |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | |
| QA/QC | | | | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | | |
| Hfpo Dimer Acid | 82 J | 500 | 1,700 J | 270 | 320 J | 76 | 310 | 1,400,000 J | 1,600,000 | 5,700,000 | |
| PFMOAA | 35 J | 68 | 150 | 29 | 28 J | 5.5 | 54 | 55,000 J | 170,000 | 66,000 | |
| PFO2HxA | 71 J | 330 | 430 | 44 | 37 J | 20 | 120 | 18,000 J | 17,000 | 40,000 | |
| PFO3OA | 28 J | 160 | 280 | 17 | 14 J | 10 | 47 | 23,000 J | 15,000 | 41,000 | |
| PFO4DA | 13 J | 70 | 190 | 12 | 12 J | 6.5 | 30 | 25,000 J | 17,000 | 40,000 | |
| PFO5DA | 5.9 J | 29 | 160 | 5.5 | 8.8 J | 4.7 | 25 | 24,000 J | 11,000 | 32,000 | |
| PMPA | 57 J | 190 | 160 | 14 | 30 J | 17 | 58 | 16,000 J | 160,000 | 11,000,000 J | |
| PEPA | <2.0 UJ | 53 | 75 | <2.0 | <2.0 UJ | <2.0 | <2.0 | 32,000 J | 99,000 | 8,800,000 | |
| PS Acid | 11 J | 62 | 190 | 16 | 11 J | 7.1 | 56 | 150,000 J | 120,000 | 26,000 | |
| Hydro-PS Acid | 2.5 J | 14 | 68 | 3.9 | 5.6 J | 3.1 | 14 | 58,000 J | 45,000 | 47,000 | |
| R-PSDA | <2.0 UJ | 170 J | 220 J | 41 J | 45 J | 15 J | 35 J | 71,000 J | 67,000 J | 160,000 J | |
| Hydrolyzed PSDA | 17 J | 68 J | 110 J | 38 J | 29 J | 11 J | 76 J | 230,000 J | 130,000 J | 320,000 J | |
| R-PSDCA | <2.0 UJ | 2.6 | 19 | <2.0 | <2.0 UJ | <2.0 | <2.0 | 7,200 J | 5,800 | 3,400 | |
| NVHOS, Acid Form | <2.0 UJ | 8.9 | 25 | 5.3 | 6.5 J | 5.2 | 9.0 | 64,000 J | 53,000 | 36,000 | |
| EVE Acid | 3.4 J | 19 | 68 | 2.2 | 2.7 J | 6.2 | 240 | 490,000 J | 740,000 | 300,000 | |
| Hydro-EVE Acid | <2.0 UJ | 7.2 | 21 | <2.0 | 2.1 J | <2.0 | 17 | 260,000 J | 640,000 | 670,000 | |
| R-EVE | <2.0 UJ | 34 J | 38 J | 9.1 J | 7.5 J | 3.1 J | 21 J | 400,000 J | 960,000 J | 1,500,000 J | |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | 1,600 J | 1,400 | 450 J | |
| PFECA B | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <270 UJ | <270 | <1,300 | |
| PFECA-G | <2.0 UJ | <2.0 | <2.4 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <480 UJ | <480 | <2,400 | |
| Total Attachment C¹ | 310 | 1,500 | 3,400 | 410 | 470 | 150 | 710 | 1,800,000 | 2,300,000 | 26,000,000 | |
| Total Table 3+ (17 compounds)^{2,3} | 310 | 1,500 | 3,500 | 420 | 480 | 160 | 980 | 2,600,000 | 3,700,000 | 27,000,000 | |
| Total Table 3+ (20 compounds)² | 330 | 1,800 | 3,900 | 510 | 560 | 190 | 1,100 | 3,300,000 | 4,900,000 | 29,000,000 | |
| Other PFAS (ng/L) | | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <55 | <59 | <61 | |
| 11Cl-PF3OUdS | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <26 | <28 | <29 | |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <38 | <41 | <42 | |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <20 | <21 | <22 | |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <70 | <75 | <78 | |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | <4.0 UJ | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <110 | <120 | <130 | |
| 6:2 Fluorotelomer sulfonate | -- | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <210 | <220 | <230 | |
| 9Cl-PF3ONS | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | 48 | 25 | <22 | |
| DONA | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <33 | <35 | <37 | |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | -- | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <110 | <110 | <120 | |
| N-ethylperfluoro-1-octanesulfonamide | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <71 | <77 | <80 | |
| N-methyl perfluoro-1-octanesulfonamide | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <35 | <38 | <39 | |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | -- | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <98 | <110 | <110 | |
| Perfluorobutane Sulfonic Acid | -- | 3.2 J | 3.3 J | 4.7 | 5.9 | 19 | 11 | <16 | <18 | <18 UJ | |
| Perfluorobutanoic Acid | <5.0 | 6.9 J | 12 J | 5.3 | 5.0 | 9.7 | 9.9 | 20,000 J | 74,000 | 39,000 J | |
| Perfluorodecane Sulfonic Acid | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <26 | <28 | <29 | |
| Perfluorodecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | 71 | 380 | 58 | |
| Perfluorododecane Sulfonic Acid (PFDoS) | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <80 | <85 | <89 | |
| Perfluorododecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <45 | 92 | <50 | |
| Perfluoroheptane Sulfonic Acid (PFHpS) | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <16 | <17 | <17 | |
| Perfluoroheptanoic Acid ¹ | 4.2 | 3.9 J | 7.4 J | 4.6 | 4.3 | 8.6 | 8.3 | 1,700 | 2,600 | 2,600 J | |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <73 | <78 | <82 | |
| Perfluorohexane Sulfonic Acid | -- | 2.3 J | 2.7 J | 4.7 | 7.4 | 8.5 | 5.0 | <47 | <50 | <52 | |
| Perfluorohexanoic Acid | 11 | 4.8 J | 5.7 J | 7.3 | 8.3 | 22 | 17 | 640 | 1,500 | <53 UJ | |
| Perfluorononanesulfonic Acid | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <30 | <33 | <34 | |
| Perfluorononanoic Acid | <2.0 | <2.0 UJ | 2.0 J | <2.0 | <2.0 | <2.0 | <2.0 | 950 | 1,100 | 950 | |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <77 | <83 | <86 | |
| Perfluorooctane Sulfonamide | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <80 | <86 | <90 | |
| Perfluoropentane Sulfonic Acid (PFPeS) | -- | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <25 | <26 | <27 | |
| Perfluoropentanoic Acid | 15 | 15 J | 33 J | 16 | 13 | 28 | 27 | 8,000 | 15,000 | 9,700 J | |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <60 | 84 | <67 | |
| Perfluorotridecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <110 | <110 | <120 | |
| Perfluoroundecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | 320 | 410 | 320 J | |
| PFOA | 8.4 | 5.6 J | 6.2 J | 5.8 | 6.6 | 11 | 8.5 | 210 | 900 | 220 | |
| PFOS | -- | 5.1 J | 7.6 J | 14 | 15 | 15 | 11 | <44 | <48 | <49 | |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 18 |
|--|-------------------|-------------------|-------------------|---------------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------|
| Sampling Event | October 2022 | November 2022 | December 2022 | December 2022 | December 2022 | December 2022 | December 2022 | December 2022 | December 2022 | February 2021 |
| Field Sample ID | STW-LOC-16-101122 | STW-LOC-16-112922 | STW-LOC-16-120222 | STW-LOC-16-120222-D | STW-LOC-16-120622 | STW-LOC-16-121322 | STW-LOC-16-121622 | STW-LOC-16-122022 | STW-LOC-16-122022-D | STW-LOC-18-4-021921 |
| Date Sampled | 10/11/2022 | 11/29/2022 | 12/02/2022 | 12/02/2022 | 12/06/2022 | 12/13/2022 | 12/16/2022 | 12/20/2022 | 12/20/2022 | 02/19/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | Field Duplicate | | | | | Field Duplicate | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 7,800,000 J | 890,000 J | 1,700,000 | 1,800,000 | 870,000 | 7,500,000 J | 1,500,000 J | 3,000,000 | 3,000,000 | 50 |
| PFMOAA | 240,000 J | 45,000 J | 100,000 | 89,000 | 1,300,000 | <50,000 UJ | 64,000 J | 100,000 | 96,000 | 6.8 |
| PFO2HxA | 810,000 J | 5,800 J | 67,000 | 62,000 | 120,000 | 25,000 J | 23,000 J | 4,600 | 5,300 | 16 |
| PFO3OA | 660,000 J | 8,000 J | 81,000 | 74,000 | 96,000 | 15,000 J | 29,000 J | 2,600 | 2,600 | 3.8 |
| PFO4DA | 550,000 J | 15,000 J | 160,000 | 150,000 | 95,000 | 13,000 J | 36,000 J | 3,900 | 4,200 | <2.0 |
| PFO5DA | 340,000 J | 17,000 J | 170,000 | 160,000 | 84,000 | 11,000 J | 48,000 J | 5,600 | 5,400 | 2.6 |
| PMPA | 4,600,000 J | 54,000 J | <62,000 | <62,000 | 79,000 | <62,000 UJ | 49,000 J | 35,000 | 32,000 | 29 |
| PEPA | 4,000,000 J | 32,000 J | 21,000 | 20,000 | 47,000 | 20,000 J | 39,000 J | 28,000 | 28,000 | <20 |
| PS Acid | 670,000 J | 21,000 J | <2,000 | <2,000 | 8,600 | 17,000 J | 16,000 J | 37,000 | 37,000 | <2.0 |
| Hydro-PS Acid | 450,000 J | 15,000 J | 26,000 | 25,000 | 15,000 | 4,500 J | 14,000 J | 37,000 | 33,000 | <2.0 |
| R-PSDA | 400,000 J | 19,000 J | 53,000 J | 49,000 J | 69,000 J | 25,000 J | 43,000 J | 100,000 J | 92,000 J | 9.1 J |
| Hydrolyzed PSDA | 470,000 J | 120,000 J | 200,000 J | 180,000 J | 140,000 J | 51,000 J | 61,000 J | 62,000 J | 64,000 J | 4.0 J |
| R-PSDCA | 890,000 J | 2,100 J | 4,100 | 3,400 | 2,500 | <1,700 UJ | 1,500 J | 15,000 | 14,000 | <2.0 |
| NVHOS, Acid Form | 440,000 J | 12,000 J | 32,000 | 32,000 | 24,000 | 450,000 J | 44,000 J | 94,000 | 87,000 | <2.0 |
| EVE Acid | 19,000,000 J | 120,000 J | <1,700 | <1,700 | 37,000 | 130,000 J | 120,000 J | 180,000 | 170,000 | <2.0 |
| Hydro-EVE Acid | 5,700,000 J | 53,000 J | 110,000 | 100,000 | 64,000 | 21,000 J | 32,000 J | 26,000 | 24,000 | <2.0 |
| R-EVE | 8,100,000 J | 43,000 J | 110,000 J | 98,000 J | 65,000 J | 22,000 J | 47,000 J | 37,000 J | 35,000 J | 3.5 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | 500,000 J | <340 UJ | <670 | 810 | 740 | <670 UJ | 540 J | 2,200 | 1,900 | <2.0 |
| PFECA B | <310 UJ | <1,300 UJ | <2,700 | <2,700 | <1,300 | <2,700 UJ | <530 UJ | <1,300 | <1,300 | <2.0 |
| PFECA-G | 1,300 J | <2,400 UJ | <4,800 | <4,800 | <2,400 | <4,800 UJ | <960 UJ | <2,400 | <2,400 | <2.0 |
| Total Attachment C¹ | 20,000,000 | 1,100,000 | 2,300,000 | 2,400,000 | 2,700,000 | 7,600,000 | 1,800,000 | 3,300,000 | 3,200,000 | 110 |
| Total Table 3+ (17 compounds)^{2,3} | 47,000,000 | 1,300,000 | 2,500,000 | 2,500,000 | 2,800,000 | 8,200,000 | 2,000,000 | 3,600,000 | 3,500,000 | 110 |
| Total Table 3+ (20 compounds)² | 56,000,000 | 1,500,000 | 2,800,000 | 2,800,000 | 3,100,000 | 8,300,000 | 2,200,000 | 3,800,000 | 3,700,000 | 120 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <340 UJ | <67 UJ | <2.0 | <2.0 | <67 UJ | <67 | <67 | <67 | <67 | <2.0 |
| 11Cl-PF3OUdS | <160 UJ | <32 UJ | <2.0 | <2.0 | <32 UJ | <32 | <32 | <32 | <32 | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <230 UJ | <46 UJ | <2.0 | <2.0 | <46 UJ | <46 | <46 | <46 | <46 | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <120 UJ | <24 UJ | <2.0 | <2.0 UJ | <24 UJ | <24 | <24 | <24 | <24 | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <430 UJ | <85 UJ | <2.0 | <2.0 | <85 UJ | <85 | <85 | <85 | <85 | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <700 UJ | <140 UJ | <4.0 | <4.0 | <140 UJ | <140 | <140 | <140 | <140 | <4.0 |
| 6:2 Fluorotelomer sulfonate | <1,300 UJ | <250 UJ | <5.0 | <5.0 | <250 UJ | <250 | <250 | <250 | <250 | <5.0 |
| 9Cl-PF3ONS | <120 UJ | <24 UJ | 10 | 10 | <24 UJ | <24 | <24 | <24 | <24 | <2.0 |
| DONA | <200 UJ | <40 UJ | <2.0 UJ | <2.0 | <40 UJ | <40 | <40 | <40 | <40 | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <650 UJ | <130 UJ | <5.0 | <5.0 | <130 UJ | <130 | <130 | <130 | <130 | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | <440 UJ | <87 UJ | <2.0 | <2.0 | <87 UJ | <87 | <87 | <87 | <87 | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | <220 UJ | <43 UJ | <2.0 | <2.0 | <43 UJ | <43 | <43 | <43 | <43 | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <600 UJ | <120 UJ | <5.0 | <5.0 | <120 UJ | <120 | <120 | <120 | <120 | <5.0 |
| Perfluorobutane Sulfonic Acid | 350 J | <20 UJ | 3.4 | 3.9 | <20 UJ | <20 | <20 | <20 | <20 | <2.0 |
| Perfluorobutanoic Acid | 270,000 J | 55,000 J | 38,000 J | 35,000 J | 170,000 J | 55,000 | 160,000 | 89,000 | 73,000 | <5.0 |
| Perfluorodecane Sulfonic Acid | <160 UJ | <32 UJ | <2.0 | <2.0 | <32 UJ | <32 | <32 | <32 | <32 | <2.0 |
| Perfluorodecanoic Acid | 1,100 J | 81 J | 61 | 51 | 60 J | <31 | 110 | 40 | 39 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <490 UJ | <97 UJ | <2.0 | <2.0 | <97 UJ | <97 | <97 | <97 | <97 | <2.0 |
| Perfluorododecanoic Acid | 500 J | 140 J | 13 | 13 | <55 UJ | <55 | 65 | <55 | <55 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <95 UJ | <19 UJ | <2.0 | <2.0 | <19 UJ | <19 | <19 | <19 | <19 | <2.0 |
| Perfluoroheptanoic Acid ¹ | 29,000 J | 4,700 J | 5,800 | 6,100 | 10,000 J | 1,700 | 2,200 | 1,500 | 1,400 | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <450 UJ | <89 UJ | <2.0 | 2.0 J | <89 UJ | <89 | <89 | <89 | <89 | <2.0 |
| Perfluorohexane Sulfonic Acid | <290 UJ | <57 UJ | 3.2 J | 3.1 J | <57 UJ | <57 | <57 | <57 | <57 | <2.0 |
| Perfluorohexanoic Acid | 13,000 J | 1,400 J | 1,500 | 1,300 | 4,200 J | 1,100 | 3,300 | 1,700 | 1,600 | <2.0 |
| Perfluorononanesulfonic Acid | <190 UJ | <37 UJ | <2.0 UJ | <2.0 | <37 UJ | <37 | <37 | <37 | <37 | <2.0 |
| Perfluorononanoic Acid | 12,000 J | 870 J | 900 | 1,000 | 2,200 J | 520 | 830 | 330 | 280 | <2.0 |
| Perfluorooctadecanoic Acid | <470 UJ | <94 UJ | <2.0 | <2.0 | <94 UJ | <94 | <94 | <94 | <94 | <2.0 |
| Perfluorooctane Sulfonamide | <490 UJ | <98 UJ | <2.0 | <2.0 | <98 UJ | <98 | <98 | <98 | <98 | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | <150 UJ | <30 UJ | <2.0 UJ | <2.0 | <30 UJ | <30 | <30 | <30 | <30 | <2.0 |
| Perfluoropentanoic Acid | 110,000 J | 31,000 J | 38,000 J | 38,000 J | 65,000 J | 10,000 | 15,000 | 19,000 | 19,000 | <2.0 |
| Perfluorotetradecanoic Acid | 400 J | 97 J | 2.5 J | 3.9 | <73 UJ | <73 | <73 | <73 | <73 | <2.0 |
| Perfluorotridecanoic Acid | 1,700 J | 200 J | 24 J | 22 | <130 UJ | <130 | <130 | <130 | <130 | <2.0 |
| Perfluoroundecanoic Acid | 3,200 J | 330 J | 160 | 140 | 320 J | 150 | 350 | 180 | 160 | <2.0 |
| PFOA | 3,700 J | 170 J | 230 | 230 | 290 J | 87 | 280 | 100 | 100 | <2.0 |
| PFOS | <270 UJ | <54 UJ | 4.3 J | 4.5 J | <54 UJ | <54 | <54 | <54 | <54 | <2.0 |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|---------------------|---------------------|
| Sampling Event | April/May 2021 | June 2021 | August 2021 | September 2021 | December 2021 | January 2022 | January 2022 | April 2022 | May 2022 | July 2022 |
| Field Sample ID | STW-LOC-18-4-042921 | STW-LOC-18-4-061821 | STW-LOC-18-4-082321 | STW-LOC-18-4-092321 | STW-LOC-18-4-121021 | STW-LOC-18-4-011922 | STW-LOC-18-4-011922-D | STW-LOC-18-2-040622 | STW-LOC-18-4-053122 | STW-LOC-18-4-071822 |
| Date Sampled | 04/29/2021 | 06/18/2021 | 08/23/2021 | 09/23/2021 | 12/10/2021 | 01/19/2022 | 01/19/2022 | 04/06/2022 | 05/31/2022 | 07/18/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | Field Duplicate | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 10 | 14 | 7.5 | 25 | <2.0 UJ | 7.9 | 5.0 | 10 | 2.5 | 8.1 |
| PFMOAA | 8.3 J | <2.0 | 3.1 | <2.0 | 5.8 J | 31 J | <2.0 | 5.7 | <2.0 | 2.8 J |
| PFO2HxA | 7.3 | 7.3 | 4.6 | 10 | 5.7 J | <2.0 | <2.0 | 6.2 | <2.0 | 5.2 J |
| PFO3OA | <2.0 | 2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| PFO4DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| PFO5DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| PMPA | 10 | 18 | <10 | 19 | <10 UJ | <10 | <10 | <10 | <10 | <10 UJ |
| PEPA | <20 | <20 | <20 | <20 | <20 UJ | <20 | <20 | <20 | <20 | <20 UJ |
| PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | 18 J | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| R-PSDA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | 24 J | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Hydrolyzed PSDA | <2.0 | 3.4 J | <2.0 | <2.0 | <2.0 UJ | 19 J | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | 2.1 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| NVHOS, Acid Form | <2.0 | <2.0 | <2.0 | 3.7 | <2.0 UJ | 13 J | <2.0 | <2.0 | <2.0 | 3.3 J |
| EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| R-EVE | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | 2.4 J | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Total Attachment C¹ | 36 | 41 | 15 | 54 | 12 | 57 | 5 | 22 | 2.5 | 16 |
| Total Table 3+ (17 compounds)^{2,3} | 36 | 41 | 15 | 58 | 12 | 72 | 5 | 22 | 2.5 | 19 |
| Total Table 3+ (20 compounds)² | 36 | 45 | 15 | 58 | 12 | 120 | 5 | 22 | 2.5 | 19 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| 11Cl-PF3OUdS | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 UJ | <4.0 UJ | -- | -- | -- | <4.0 | <4.0 | <4.0 UJ | <4.0 | <4.0 |
| 6:2 Fluorotelomer sulfonate | 5.2 J | <5.0 UJ | -- | -- | -- | <5.0 | <5.0 | <5.0 UJ | <5.0 | <5.0 |
| 9Cl-PF3ONS | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| DONA | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 UJ | -- | -- | -- | <5.0 | <5.0 | <5.0 UJ | <5.0 | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 UJ | -- | -- | -- | <5.0 | <5.0 | <5.0 UJ | <5.0 | <5.0 |
| Perfluorobutane Sulfonic Acid | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorobutanoic Acid | <5.0 UJ | 6.9 J | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 | <5.0 |
| Perfluorodecane Sulfonic Acid | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 | 2.3 | 2.4 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorohexane Sulfonic Acid | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorohexanoic Acid | <2.0 UJ | 3.3 J | 3.2 | 3.6 J | 2.8 | <7.5 | 4.9 J | <2.0 UJ | <2.0 | <2.0 |
| Perfluorononanesulfonic Acid | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluoropentanoic Acid | <2.0 UJ | 3.2 J | 4.2 | 7.0 J | 3.2 | 2.1 | 2.0 | <2.0 UJ | <2.0 | 2.1 |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| PFOA | <2.0 UJ | 2.9 J | 3.5 | 3.0 J | 2.1 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| PFOS | <2.0 UJ | 2.8 J | -- | -- | -- | <2.0 | <2.0 | 3.2 J | 2.0 J | 4.0 J |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | 18 | 18 | 19A | 19A | 19A | 19A | 19A | 19A | 19A | 19A |
|--|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|--------------------|--------------------|
| Sampling Event | September 2022 | December 2022 | February 2021 | April/May 2021 | June 2021 | August 2021 | September 2021 | September 2021 | December 2021 | January 2022 |
| Field Sample ID | STW-LOC-18-4-091422 | STW-LOC-18-4-120222 | STW-LOC-19A-021921 | STW-LOC-19A-042921 | STW-LOC-19A-061821 | STW-LOC-19A-082321 | STW-LOC-19A-092321 | STW-LOC-19A-092321-D | STW-LOC-19A-120921 | STW-LOC-19A-011922 |
| Date Sampled | 09/14/2022 | 12/02/2022 | 02/19/2021 | 04/29/2021 | 06/18/2021 | 08/23/2021 | 09/23/2021 | 09/23/2021 | 12/09/2021 | 01/19/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | Field Duplicate | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | <4.0 | 15 | 82 J | 16 | 5.2 | 12 | 3.7 | 4.1 | 17 J | 18 |
| PFMOAA | <2.0 | <2.0 | 3.4 | 16 | 4.2 | 4.2 | 3.2 | 2.6 | 10 J | 13 |
| PFO2HxA | <2.0 | 13 | 7.8 | 11 | 3.3 | 8.0 | 5.2 | 4.7 | 13 J | 12 |
| PFO3OA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 2.4 J | <2.0 |
| PFO4DA | <2.0 | 4.3 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| PFO5DA | <2.0 | 2.7 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| PMPA | <10 | <10 | 21 | 27 | 17 | 13 | <10 | <10 | 17 J | 13 |
| PEPA | <20 | <20 | <20 | <20 | <20 | <20 | <20 UJ | <20 UJ | <20 UJ | <20 |
| PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Hydro-PS Acid | 2.0 | 5.6 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| R-PSDA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | 2.1 J |
| Hydrolyzed PSDA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | 5.0 J |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| NVHOS, Acid Form | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 4.7 | 3.2 | 3.0 | <2.0 UJ | <2.0 |
| EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Hydro-EVE Acid | <2.0 | 11 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| R-EVE | <2.0 | 130 J | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 3.8 J | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| PFECA B | <2.0 | 160 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| Total Attachment C¹ | 2 | 41 | 110 | 70 | 30 | 37 | 12 | 11 | 59 | 56 |
| Total Table 3+ (17 compounds)^{2,3} | 2 | 210 | 110 | 70 | 30 | 42 | 15 | 14 | 59 | 56 |
| Total Table 3+ (20 compounds)² | 2 | 340 | 110 | 70 | 30 | 42 | 15 | 14 | 63 | 63 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <17 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 |
| 11Cl-PF3OUdS | <2.0 | <8.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <12 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <6.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | 260 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <35 | <4.0 | <4.0 UJ | <4.0 UJ | -- | -- | -- | -- | <4.0 |
| 6:2 Fluorotelomer sulfonate | <5.0 | <63 | 13 | <5.0 UJ | <5.0 UJ | -- | -- | -- | -- | <5.0 |
| 9Cl-PF3ONS | <2.0 | <6.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 |
| DONA | <2.0 | <10 | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <33 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- | -- | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <22 | 3.4 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <11 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <30 | <5.0 UJ | <5.0 UJ | <5.0 UJ | -- | -- | -- | -- | <5.0 |
| Perfluorobutane Sulfonic Acid | 2.5 | <5.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | 4.5 |
| Perfluorobutanoic Acid | <5.0 | 84 | <5.0 UJ | <5.0 UJ | <5.0 UJ | 6.5 | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 |
| Perfluorodecane Sulfonic Acid | <2.0 | <8.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 |
| Perfluorodecanoic Acid | <2.0 | <7.8 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <24 | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 |
| Perfluorododecanoic Acid | <2.0 | <14 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <4.8 | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 |
| Perfluoroheptanoic Acid ¹ | <2.0 | <6.3 | <2.0 UJ | <2.0 | 2.9 | 5.3 | <2.0 | <2.0 | <2.0 UJ | 3.4 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <22 | <2.0 UJ | <2.0 UJ | 2.1 J | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorohexane Sulfonic Acid | <2.0 | <14 | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | 4.3 |
| Perfluorohexanoic Acid | 3.0 | <15 | <2.0 UJ | 2.2 J | 2.0 J | 10 | 4.1 J | 4.1 J | 4.9 J | 6.4 |
| Perfluorononanesulfonic Acid | <2.0 | <9.3 | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 |
| Perfluorononanoic Acid | <2.0 | <6.8 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 | <24 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | 2.0 J | <2.0 UJ | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 | <25 | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <7.5 | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 |
| Perfluoropentanoic Acid | 6.3 | <12 | <2.0 UJ | 3.2 J | 2.3 J | 13 | 9.9 J | 9.4 J | 4.4 J | 6.3 |
| Perfluorotetradecanoic Acid | <2.0 | <18 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorotridecanoic Acid | <2.0 | <33 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoroundecanoic Acid | <2.0 | <28 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 |
| PFOA | <2.0 | <21 | <2.0 UJ | 2.2 J | <2.0 UJ | 7.7 | 2.6 J | 2.1 J | 3.0 J | 6.2 |
| PFOS | 2.9 J | <14 | <2.0 UJ | 2.0 J | <2.0 UJ | -- | -- | -- | -- | 8.1 |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | 19A | 19A | 19A | 19A | 19A | 19B | 19B | 19B | 19B | 19B |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Sampling Event | April 2022 | May 2022 | July 2022 | September 2022 | December 2022 | February 2021 | April/May 2021 | June 2021 | August 2021 | September 2021 |
| Field Sample ID | STW-LOC-19A-040622 | STW-LOC-19A-053122 | STW-LOC-19A-071822 | STW-LOC-19A-091422 | STW-LOC-19A-120122 | STW-LOC-19B-021921 | STW-LOC-19B-042921 | STW-LOC-19B-061821 | STW-LOC-19B-082321 | STW-LOC-19B-092321 |
| Date Sampled | 04/06/2022 | 05/31/2022 | 07/18/2022 | 09/14/2022 | 12/01/2022 | 02/19/2021 | 04/29/2021 | 06/18/2021 | 08/23/2021 | 09/23/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 82 J | 10 | 14 | 9.2 | 3.2 | 37 | 18 J | 17 | 4.1 | 3.5 |
| PFMOAA | 24 | 11 | 18 | 2.5 | <2.0 | <2.0 | 20 J | 5.6 | 2.9 | <2.0 |
| PFO2HxA | 34 | 10 | 17 | 15 | 4.8 | 7.5 | 9.8 J | 9.4 | 3.8 | 4.3 |
| PFO3OA | 5.4 | <2.0 | 2.4 | 2.1 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| PMPA | 35 | 13 | 23 | 15 | <10 | 22 | 39 J | 69 | 21 | 18 |
| PEPA | <20 | <20 | <20 | <20 | <20 | <20 | <20 UJ | <20 | <20 | <20 |
| PS Acid | 3.6 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| R-PSDA | 11 J | 27 J | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | 19 J | <2.0 | <2.0 |
| Hydrolyzed PSDA | 12 J | 6.2 J | 8.9 J | 3.3 J | <2.0 | <2.0 | <2.0 UJ | 5.4 J | <2.0 | <2.0 |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | 2.2 | 4.3 | 5.9 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| R-EVE | 17 J | 170 J | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | 39 J | <2.0 | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 180 | 44 | 74 | 44 | 8 | 67 | 87 | 100 | 32 | 26 |
| Total Table 3+ (17 compounds)^{2,3} | 190 | 48 | 80 | 44 | 8 | 67 | 87 | 100 | 32 | 26 |
| Total Table 3+ (20 compounds)² | 230 | 250 | 89 | 47 | 8 | 67 | 87 | 160 | 32 | 26 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| 11Cl-PF3OUdS | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ | -- | -- |
| 6:2 Fluorotelomer sulfonate | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- |
| 9Cl-PF3ONS | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| DONA | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- |
| Perfluorobutane Sulfonic Acid | 4.4 J | <2.0 | 3.4 | 10 | 2.8 | <2.0 | <2.0 UJ | 3.4 J | -- | -- |
| Perfluorobutanoic Acid | 5.1 J | 5.3 | 5.2 | 6.2 | <5.0 | <5.0 | <5.0 UJ | 5.7 J | <5.0 | <5.0 UJ |
| Perfluorodecane Sulfonic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| Perfluoroheptanoic Acid ¹ | 3.4 J | 2.6 | 2.7 | 4.8 | <2.0 | <2.0 | <2.0 UJ | 3.7 | <2.0 | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorohexane Sulfonic Acid | 2.4 J | <2.0 | <2.0 | 7.3 | <2.0 | <2.0 | <2.0 UJ | 2.3 J | -- | -- |
| Perfluorohexanoic Acid | 5.2 J | 5.4 | 5.0 | 11 | 4.4 | <2.0 | 2.2 J | 7.4 J | 2.8 | 3.8 J |
| Perfluorononanesulfonic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorooctane Sulfonamide | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- |
| Perfluoropentanoic Acid | 7.1 J | 5.9 | 8.9 | 11 | 4.4 | <2.0 | 3.0 J | 8.1 J | 3.8 | 7.5 J |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ |
| PFOA | 6.4 J | 2.6 | 4.1 | 7.0 | 2.1 | <2.0 | 2.7 J | 5.2 J | <2.0 | 2.2 J |
| PFOS | 3.8 J | <2.0 | 3.4 | 9.8 | <2.0 | <2.0 | 2.3 J | 6.0 J | -- | -- |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 19B | 19B | 19B | 19B | 19B | 19B | 19B | 19B | 20 | 20 | 20 |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|
| Sampling Event | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | September 2022 | December 2022 | December 2022 | February 2021 | April/May 2021 | April/May 2021 |
| Field Sample ID | STW-LOC-19B-120921 | STW-LOC-19B-011922 | STW-LOC-19B-040622 | STW-LOC-19B-053122 | STW-LOC-19B-071822 | STW-LOC-19B-091422 | STW-LOC-19B-120122 | STW-LOC-19B-120122 | STW-LOC-20-8-021821 | STW-LOC-20-4-042921 | STW-LOC-20-4-042921-D |
| Date Sampled | 12/09/2021 | 01/19/2022 | 04/06/2022 | 05/31/2022 | 07/18/2022 | 09/14/2022 | 12/01/2022 | 12/01/2022 | 02/18/2021 | 04/29/2021 | 04/29/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | | | Field Duplicate |
| Table 3+ SOP (ng/L) | | | | | | | | | | | |
| Hfpo Dimer Acid | 14 J | 12 | 490 J | 9.2 | 99 | <4.0 | 36 | 8,200 J | 110 | 150 | |
| PFMOAA | 11 J | 11 | 44 | 11 | 24 | <2.0 | 14 | 180 J | <80 | <80 | |
| PFO2HxA | 14 J | 8.5 | 170 | 7.0 | 21 | <2.0 | 17 | 230 J | 57 J | <27 | |
| PFO3OA | 3.0 J | <2.0 | 52 | <2.0 | 3.1 | <2.0 | 2.7 | 120 J | <39 | <39 | |
| PFO4DA | <2.0 UJ | <2.0 | 22 | <2.0 | <2.0 | <2.0 | <2.0 | 80 J | <59 | <59 | |
| PFO5DA | <2.0 UJ | <2.0 | 6.5 | <2.0 | <2.0 | <2.0 | <2.0 | 77 J | <78 | <78 | |
| PMPA | 19 J | 19 | 200 | 15 | 32 | <10 | 21 | 120 J | <620 | <620 | |
| PEPA | <20 UJ | <20 | 93 | <20 | <20 | <20 | <20 | 54 J | <20 | <20 | |
| PS Acid | <2.0 UJ | <2.0 | 2.7 | <2.0 | <2.0 | <2.0 | <2.0 | 190 J | 37 B | 33 B | |
| Hydro-PS Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | 3.3 | <2.0 | <2.0 | 47 J | <6.1 | <6.1 | |
| R-PSDA | <2.0 UJ | <2.0 | 68 J | <2.0 | <2.0 | <2.0 | <2.0 | 470 J | <71 | <71 | |
| Hydrolyzed PSDA | <2.0 UJ | 2.6 J | 22 J | 4.9 J | 17 J | 8.2 J | <2.0 | 300 J | <38 | <38 | |
| R-PSDCA | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 6.3 J | <17 | <17 | |
| NVHOS, Acid Form | <2.0 UJ | <2.0 | 5.0 | 3.8 | 7.5 | <2.0 | <2.0 | 19 J | <15 | <15 | |
| EVE Acid | <2.0 UJ | <2.0 | 4.8 | <2.0 | <2.0 | <2.0 | <2.0 | 58 J | <17 | <17 | |
| Hydro-EVE Acid | <2.0 UJ | <2.0 | 3.6 | <2.0 | <2.0 | <2.0 | <2.0 | 11 J | <14 | <14 | |
| R-EVE | 2.4 J | <2.0 | 89 J | <2.0 | <2.0 | 6.8 J | <2.0 | 80 J | <72 | <72 | |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <6.7 | <6.7 | |
| PFECA B | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <27 | <27 | |
| PFECA-G | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <48 | <48 | |
| Total Attachment C¹ | 61 | 51 | 1,100 | 42 | 180 | ND | 91 | 9,300 | 200 | 180 | |
| Total Table 3+ (17 compounds)^{2,3} | 61 | 51 | 1,100 | 46 | 190 | ND | 91 | 9,400 | 200 | 180 | |
| Total Table 3+ (20 compounds)² | 63 | 53 | 1,300 | 51 | 210 | 15 | 91 | 10,000 | 200 | 180 | |
| Other PFAS (ng/L) | | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| 11Cl-PF3OUdS | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | <4.0 | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ | <4.0 UJ | |
| 6:2 Fluorotelomer sulfonate | -- | <5.0 | 16 J | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 UJ | |
| 9Cl-PF3ONS | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| DONA | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 UJ | |
| N-ethylperfluoro-1-octanesulfonamide | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| N-methyl perfluoro-1-octanesulfonamide | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 UJ | |
| Perfluorobutane Sulfonic Acid | -- | <2.0 | 2.9 J | 3.4 | 5.5 | <2.0 | 10 | <2.0 UJ | 3.3 J | 3.0 J | |
| Perfluorobutanoic Acid | <5.0 | <5.0 | 11 J | <5.0 | 6.0 | <5.0 | 9.7 | 11 J | <5.0 UJ | <5.0 UJ | |
| Perfluorodecane Sulfonic Acid | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| Perfluorododecane Sulfonic Acid (PFDoS) | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| Perfluoroheptane Sulfonic Acid (PFHpS) | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| Perfluoroheptanoic Acid ¹ | 2.0 | <2.0 | 2.9 J | 3.4 | 3.8 | <2.0 | 6.9 | 4.5 J | 3.2 J | 3 J | |
| Perfluorohexadecanoic Acid (PFHxDA) | <8.9 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| Perfluorohexane Sulfonic Acid | -- | <2.0 | <2.0 UJ | <2.0 | 4.4 | <2.0 | 4.4 | <2.0 UJ | 5.8 J | 5.1 J | |
| Perfluorohexanoic Acid | 5.0 | 4.0 | 4.5 J | 7.3 | 7.1 | <2.0 | 15 | 2.0 J | 5.0 J | 5.8 J | |
| Perfluorononanesulfonic Acid | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| Perfluorononanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| Perfluorooctadecanoic Acid | <9.4 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| Perfluorooctane Sulfonamide | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| Perfluoropentane Sulfonic Acid (PFPeS) | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| Perfluoropentanoic Acid | 5.2 | 3.2 | 7.9 J | 7.4 | 11 | 3.8 | 17 | 30 J | 8.4 J | 8.1 J | |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | |
| PFOA | 2.8 | 2.3 | 3.8 J | 4.1 | 6.3 | <2.0 | 7.7 | 8.1 J | 5.9 J | 6.2 J | |
| PFOS | -- | <2.0 | <2.0 UJ | 5.6 | 6.6 | <2.0 | 6.6 | 3.3 B | 11 J | 11 J | |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
|--|---------------------|---------------------|---------------------|------------------------|----------------------|---------------------|---------------------|-----------------------|---------------------|---------------------|
| Sampling Event | June 2021 | August 2021 | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | May 2022 | July 2022 | September 2022 |
| Field Sample ID | STW-LOC-20-4-061821 | STW-LOC-20-6-081721 | STW-LOC-20-8-092121 | STW-LOC-20-4-66-120821 | STW-LOC-20-24-011722 | STW-LOC-20-4-040522 | STW-LOC-20-4-052722 | STW-LOC-20-4-052722-D | STW-LOC-20-2-071522 | STW-LOC-20-4-091122 |
| Date Sampled | 06/18/2021 | 08/17/2021 | 09/21/2021 | 12/08/2021 | 01/17/2022 | 04/05/2022 | 05/27/2022 | 05/27/2022 | 07/15/2022 | 09/11/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | Field Duplicate | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 74 | 68 | 1,800 | 2,100 J | 460 | 890 J | 240 | 240 | 93 | 150 |
| PFMOAA | 5.8 | 17 | 130 | 120 J | 76 | 130 | 82 | 85 | 12 J | 6.4 |
| PFO2HxA | 12 | 22 | 200 | 260 J | 120 | 150 | 58 | 57 | 18 J | 61 |
| PFO3OA | 2.8 | 7.1 | 52 | 120 J | 48 | 64 | 18 | 19 | 4.9 J | 24 |
| PFO4DA | <2.0 | 3.4 | 24 | 59 J | 22 | 41 | 11 | 11 | 3.7 J | 14 |
| PFO5DA | <2.0 | <2.0 | 17 | 41 J | 13 | 32 | 6.1 | 6.3 | 2.5 J | 12 |
| PMPA | 59 | 11 | 37 | 280 J | 110 | 64 | 16 | 17 | <10 UJ | 16 |
| PEPA | <20 | <20 | <20 | 86 J | 32 | 25 | <20 | <20 | <20 UJ | <20 |
| PS Acid | 44 | 5.2 | 110 | 45 J | 24 | 52 | 13 | 11 | <2.0 UJ | 14 |
| Hydro-PS Acid | 4.1 | 5.9 | 67 | 23 J | 12 | 45 | 5.2 | 5.3 | 2.8 J | 55 |
| R-PSDA | 68 J | 8.9 J | 180 J | 34 J | 85 J | 160 J | 45 J | 39 J | <2.0 UJ | 18 J |
| Hydrolyzed PSDA | 160 J | 12 J | 130 J | 71 J | 66 J | 100 J | 69 J | 65 J | 17 J | 33 J |
| R-PSDCA | <2.0 | <2.0 | 2.8 | <2.0 UJ | <2.0 | 6.1 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| NVHOS, Acid Form | 3.3 | 4.9 | 13 | 9.1 J | 8.9 | 9.8 | 7.4 | 8.1 | 4.5 J | 5.2 |
| EVE Acid | 8.4 | 9.1 | 24 | 13 J | 6.6 | 16 | <2.0 | <2.0 | <2.0 UJ | 8.2 |
| Hydro-EVE Acid | <2.0 | 3.6 | 12 | 6.7 J | 3.0 | 5.7 | <2.0 | <2.0 | <2.0 UJ | 2.4 |
| R-EVE | 11 J | 11 J | 39 J | 40 J | 20 J | 35 J | 17 J | 16 J | <2.0 UJ | 2.7 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Total Attachment C¹ | 200 | 140 | 2,400 | 3,100 | 920 | 1,500 | 450 | 450 | 140 | 350 |
| Total Table 3+ (17 compounds)^{2,3} | 210 | 160 | 2,500 | 3,200 | 940 | 1,500 | 460 | 460 | 140 | 370 |
| Total Table 3+ (20 compounds)² | 450 | 190 | 2,800 | 3,300 | 1,100 | 1,800 | 590 | 580 | 160 | 420 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| 11Cl-PF3OUdS | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 UJ | -- | -- | -- | <4.0 | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 |
| 6:2 Fluorotelomer sulfonate | <5.0 UJ | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 |
| 9Cl-PF3ONS | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| DONA | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 |
| Perfluorobutane Sulfonic Acid | 5.3 J | -- | -- | -- | 4.0 | 4.9 J | 6.2 | 6.1 | 6.5 | 13 |
| Perfluorobutanoic Acid | 6.2 J | 5.8 J | 17 J | 12 | 7.3 | 8.3 J | 7.3 | 7.9 | <5.0 | 9.5 |
| Perfluorodecane Sulfonic Acid | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptanoic Acid ¹ | 6.2 | 5.1 | 6.3 | 6.4 | 3.6 | 4.7 J | 4.3 | 4.7 | 4.2 | 7.2 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexane Sulfonic Acid | 5.5 J | -- | -- | -- | 2.7 | 2.8 J | 4.7 | 5.0 | 7.3 | 6.1 |
| Perfluorohexanoic Acid | 10 J | 7.8 J | 9.6 J | 7.6 | 5.1 | 5.4 J | 7.8 | 7.4 | 9.1 | 17 |
| Perfluorononanesulfonic Acid | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentanoic Acid | 11 J | 14 J | 25 J | 31 | 11 | 14 J | 17 | 17 | 12 | 22 |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| PFOA | 10 J | 8.4 J | 18 J | 18 | 9.5 | 9.4 J | 7.2 | 6.1 | 6.8 | 13 |
| PFOS | 15 J | -- | -- | -- | 9.8 | 8.3 J | 13 | 13 | 15 | 12 |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 20 | 21A | 21A | 21A | 21A | 21B | 21B | 21B | 21B | 21B |
|--|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Sampling Event | November 2022 | February 2021 | April/May 2021 | June 2021 | August 2021 | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 |
| Field Sample ID | STW-LOC-20-4-113022 | STW-LOC-21A-021821 | STW-LOC-21A-042921 | STW-LOC-21A-061821 | STW-LOC-21A-082321 | STW-LOC-21B-092321 | STW-LOC-21B-120921 | STW-LOC-21B-011922 | STW-LOC-21B-040522 | STW-LOC-21B-052722 |
| Date Sampled | 11/30/2022 | 02/18/2021 | 04/29/2021 | 06/18/2021 | 08/23/2021 | 09/23/2021 | 12/09/2021 | 01/19/2022 | 04/05/2022 | 05/27/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 75 | 310 | 87 | 58 | 10 | 24 | 64 J | 27 | 35 J | 39 |
| PFMOAA | 47 | 13 | 37 | 6.1 | 3.3 | 5.4 | 30 J | 13 | 22 | 19 |
| PFO2HxA | 42 | 7.2 | 32 | 9.8 | 6.0 | 23 | 39 J | 24 | 29 | 24 |
| PFO3OA | 11 | <2.0 | 6.2 | 2.4 | <2.0 | 5.0 | 9.7 J | 8.8 | 8.4 | 5.0 |
| PFO4DA | 6.3 | <2.0 | 2.5 | <2.0 | <2.0 | <2.0 | 4.0 J | 3.4 | 4.4 | 4.6 |
| PFO5DA | 5.7 | 3.6 | <2.0 | <2.0 | <2.0 | 3.0 | 2.3 J | <2.0 | 3.5 | 3.8 |
| PMPA | 26 | 14 | 30 | 82 | <10 | 29 | 35 J | 16 | 39 | 22 |
| PEPA | <20 | <20 | <20 | <20 | <20 | <20 | <20 UJ | <20 | <20 | <20 |
| PS Acid | 8.6 | 5.2 | <2.0 | <2.0 | <2.0 | 3.5 | 2.8 J | <2.0 | 10 | 20 |
| Hydro-PS Acid | 10 | <2.0 | 2.3 | <2.0 | <2.0 | 2.2 | <2.0 UJ | <2.0 | 2.9 | 5.3 |
| R-PSDA | <2.0 | 7.1 J | 27 J | 7.6 J | <2.0 | <2.0 | 9.7 J | 2.7 J | 9.6 J | 17 J |
| Hydrolyzed PSDA | 23 J | <2.0 | 13 J | 3.5 J | <2.0 | <2.0 | 11 J | 6.9 J | 12 J | 84 J |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | <2.0 | <2.0 | 5.2 | <2.0 | 5.4 | 8.9 | 3.2 J | <2.0 | 2.4 | 8.3 |
| EVE Acid | 34 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Hydro-EVE Acid | 3.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| R-EVE | <2.0 | <2.0 | 4.4 J | <2.0 | <2.0 | <2.0 | 5.1 J | <2.0 | <2.0 | 2.1 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 230 | 350 | 200 | 160 | 19 | 95 | 190 | 92 | 160 | 140 |
| Total Table 3+ (17 compounds)^{2,3} | 270 | 350 | 200 | 160 | 25 | 100 | 190 | 92 | 160 | 150 |
| Total Table 3+ (20 compounds)² | 290 | 360 | 250 | 170 | 25 | 100 | 220 | 100 | 180 | 250 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 |
| 11Cl-PF3OUdS | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ | -- | -- | -- | <4.0 | <4.0 UJ | <4.0 |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 |
| 9Cl-PF3ONS | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 |
| DONA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- | -- | -- | <5.0 | <5.0 UJ | <5.0 |
| Perfluorobutane Sulfonic Acid | 11 | <2.0 | 3.3 J | 5.2 J | -- | -- | -- | 3.9 | 4.3 J | 6.9 |
| Perfluorobutanoic Acid | 8.2 | <5.0 | <5.0 UJ | 6.4 J | 7.3 | 9.9 J | 6.4 | <5.0 | 5.4 J | 6.0 |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 |
| Perfluoroheptanoic Acid ¹ | 6.1 | <2.0 | 4.1 | 6.0 J | 5.9 | 7.2 | 4.5 | 2.5 | 3.6 J | 5.4 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Perfluorohexane Sulfonic Acid | 4.8 | <2.0 | 6.2 J | 4.7 J | -- | -- | -- | 3.2 | 3.5 J | 6.6 |
| Perfluorohexanoic Acid | 16 | <2.0 | 5.7 J | 11 J | 11 | 13 J | 13 | 5.7 | 5.5 J | 9.8 |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 |
| Perfluorononanoic Acid | <2.0 | <2.0 | 2.1 J | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 | <2.0 UJ | <2.0 |
| Perfluoropentanoic Acid | 19 | <2.0 | 7.7 J | 8.7 J | 13 | 23 J | 14 | 5.8 | 7.6 J | 15 |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| PFOA | 9.1 | <2.0 | 8.2 J | 9.6 J | 8.5 | 11 J | 8.5 | 4.7 | 7.1 J | 8.0 |
| PFOS | 11 | 2.8 | 36 J | 18 J | -- | -- | -- | 7.2 | 11 J | 35 J |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 21B | 21B | 21B | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
|--|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Sampling Event | July 2022 | September 2022 | November 2022 | February 2021 | April/May 2021 | June 2021 | August 2021 | September 2021 | December 2021 | January 2022 |
| Field Sample ID | STW-LOC-21B-071522 | STW-LOC-21B-091122 | STW-LOC-21B-113022 | STW-LOC-22-3-021921 | STW-LOC-22-4-042921 | STW-LOC-22-4-061821 | STW-LOC-22-4-082321 | STW-LOC-22-4-092321 | STW-LOC-22-4-120921 | STW-LOC-22-4-011922 |
| Date Sampled | 07/15/2022 | 09/11/2022 | 11/30/2022 | 02/19/2021 | 04/29/2021 | 06/18/2021 | 08/23/2021 | 09/23/2021 | 12/09/2021 | 01/19/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 47 | 6.4 | 27 | 250 J | 160 J | 120 | 15 | 740 | 69 J | 81 |
| PFMOAA | 6.2 J | <2.0 | 16 | 88 | <80 | 56 J | 5.9 J | 140 | 19 J | 22 |
| PFO2HxA | 19 J | 5.1 | 31 | 34 | <27 | 22 | 4.4 | 56 | 23 J | 20 |
| PFO3OA | 3.5 J | <2.0 | 8.1 | 8.7 | <39 | 6.7 | <2.0 UJ | 13 | 13 J | 10 |
| PFO4DA | 2.6 J | <2.0 | 3.8 | 5.3 | <59 | 2.0 | <2.0 | 4.4 | 9.6 J | 9.3 |
| PFO5DA | 2.6 J | <2.0 | 3.2 | 4.4 | <78 | <2.0 | <2.0 | <2.0 | 3.2 J | 7.5 |
| PMPA | 23 J | <10 | 15 | 16 | <620 | 13 J | <10 | 34 | 23 J | 39 |
| PEPA | <20 UJ | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 UJ | <20 |
| PS Acid | 2.3 J | <2.0 | 3.8 | 42 | <20 | <2.0 | <2.0 | <2.0 | <2.0 UJ | 42 |
| Hydro-PS Acid | 2.0 J | <2.0 | <2.0 | 27 | <6.1 | 5.8 | <2.0 | <2.0 | <2.0 UJ | 19 |
| R-PSDA | <2.0 UJ | 5.9 J | <2.0 | 13 J | <71 | 16 J | <2.0 UJ | 3.3 J | <2.0 UJ | 120 J |
| Hydrolyzed PSDA | 18 J | 3.3 J | 2.9 J | 270 J | <38 | 110 J | 2.7 J | 46 J | 24 J | 940 J |
| R-PSDCA | <2.0 UJ | <2.0 | <2.0 | <2.0 | <17 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| NVHOS, Acid Form | 6.1 J | 15 | <2.0 | 3.5 | <15 | 3.5 | <2.0 | 9.2 | 3.3 J | 6.1 |
| EVE Acid | <2.0 UJ | <2.0 | 3.3 | <2.0 | <17 | <2.0 | <2.0 | <2.0 | <2.0 UJ | 3.8 |
| Hydro-EVE Acid | <2.0 UJ | <2.0 | <2.0 | 3.0 | <14 | 2.0 | <2.0 | 2.2 | <2.0 UJ | 7.7 |
| R-EVE | <2.0 UJ | 2.7 J | <2.0 | <2.0 | <72 | 18 J | <2.0 UJ | 9.6 J | 3.8 J | 23 J |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <6.7 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| PFECA B | <2.0 UJ | <2.0 | <2.0 | <2.0 | <27 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 |
| PFECA-G | <2.0 UJ | <2.0 | <2.0 | <2.0 | <48 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 |
| Total Attachment C¹ | 110 | 12 | 110 | 480 | 160 | 230 | 25 | 990 | 160 | 250 |
| Total Table 3+ (17 compounds)^{2,3} | 110 | 27 | 110 | 480 | 160 | 230 | 25 | 1,000 | 160 | 270 |
| Total Table 3+ (20 compounds)² | 130 | 38 | 110 | 760 | 160 | 380 | 28 | 1,100 | 190 | 1,400 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 | <2.0 | <67 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 |
| 11Cl-PF3OUdS | <2.0 | <2.0 | <2.0 | <32 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 | <2.0 | <46 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 | <2.0 | <24 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 | <2.0 | <85 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 | <4.0 | <140 UJ | <4.0 UJ | <4.0 UJ | -- | -- | -- | <4.0 |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 | <5.0 | <250 UJ | <5.0 UJ | <5.0 UJ | -- | -- | -- | 5.4 |
| 9Cl-PF3ONS | <2.0 | <2.0 | <2.0 | <24 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 |
| DONA | <2.0 | <2.0 | <2.0 | <40 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <130 UJ | <5.0 UJ | <5.0 UJ | -- | -- | -- | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <87 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <43 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <120 UJ | <5.0 UJ | <5.0 UJ | -- | -- | -- | <5.0 |
| Perfluorobutane Sulfonic Acid | 6.0 | 14 | 8.3 | <20 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | 3.0 |
| Perfluorobutanoic Acid | 5.7 | 10 | 8.8 | <240 UJ | <5.0 UJ | <5.0 UJ | <5.0 | 8.4 J | <5.0 | 5.2 |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <32 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 | <31 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 | <2.0 | <97 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 | <55 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 | <2.0 | <19 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 |
| Perfluoroheptanoic Acid ¹ | 4.2 | 7.5 | 5.5 | <25 UJ | <2.0 UJ | 2.7 J | <2.0 | <2.0 | <2.0 | 2.1 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 | <89 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorohexane Sulfonic Acid | 6.8 | 7.2 | 6.2 | <57 UJ | 2.5 J | <2.0 UJ | -- | -- | -- | 2.0 |
| Perfluorohexanoic Acid | 8.0 | 18 | 12 | <58 UJ | 3.0 J | 5.5 J | <2.0 | 5.8 J | 5.5 | 4.5 |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 | <2.0 | <37 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 |
| Perfluorononanoic Acid | <2.0 | <2.0 | <2.0 | <27 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 | <94 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 | <2.0 | <98 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 | <2.0 | <30 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | <2.0 |
| Perfluoropentanoic Acid | 11 | 27 | 15 | <49 UJ | 3.9 J | 10 J | 2.7 | 18 J | 6.1 | 5.5 |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 | <73 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 | <130 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 | <110 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 |
| PFOA | 6.9 | 9.2 | 6.9 | <85 UJ | 4.7 J | 4.4 J | 2.7 | 3.8 J | 5.6 J | 4.1 |
| PFOS | 15 | 15 | 9.8 | <54 UJ | 4.8 J | 3.8 J | -- | -- | -- | 2.6 J |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 22 | 22 | 22 | 22 | 22 | 23A | 23B | 23C-1 | 23C-1 | 23C-1 |
|--|------------------------|---------------------|---------------------|---------------------|---------------------|----------------------|--------------------|----------------------|------------------------|------------------------|
| Sampling Event | April 2022 | May 2022 | July 2022 | September 2022 | December 2022 | February 2021 | February 2021 | April/May 2021 | April/May 2021 | August 2021 |
| Field Sample ID | STW-LOC-22-2.67-040622 | STW-LOC-22-4-053122 | STW-LOC-22-4-071822 | STW-LOC-22-4-091422 | STW-LOC-22-4-120122 | STW-LOC-23A-4-021921 | STW-LOC-23B-021921 | STW-LOC-23C-1-050421 | STW-LOC-23C-1-050421-D | STW-LOC-23C-1-4-082321 |
| Date Sampled | 04/06/2022 | 05/31/2022 | 07/18/2022 | 09/14/2022 | 12/01/2022 | 02/19/2021 | 02/19/2021 | 05/04/2021 | 05/04/2021 | 08/23/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | | | | Field Duplicate | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 970 | 310 | 2,600 J | 320 | 98 | 2,900 | 460 | 26 | 27 | 14 |
| PFMOAA | 210 | 59 | <8.0 UJ | 15 J | 22 | 220 | 7.3 | 7.4 | 6.8 | 7.5 |
| PFO2HxA | 140 | 59 | 39 J | 20 J | 41 | 51 | 9.0 | 20 | 20 | 12 |
| PFO3OA | 120 | 29 | 22 J | 8.2 J | 31 | 17 | 2.2 | 4.5 | 4.5 | 2.9 |
| PFO4DA | 44 | 23 | 12 J | <5.9 UJ | 22 | 8.4 | <2.0 | 2.8 | 2.6 | 2.2 |
| PFO5DA | 27 | 12 | <7.8 UJ | <7.8 UJ | 4.9 | 7.4 | <2.0 | <2.0 | <2.0 | <2.0 |
| PMPA | 50 | <31 | <62 UJ | <62 UJ | 96 | <31 | 17 | 36 | 34 | <10 |
| PEPA | 23 | <20 | <20 UJ | <20 UJ | <20 | <20 | <20 | <20 | <20 | <20 |
| PS Acid | <2.0 | 2.6 | <2.0 UJ | <2.0 UJ | <2.0 | 880 | 16 | 38 | 38 | 35 |
| Hydro-PS Acid | 39 | 13 | 13 J | 2.7 J | 2.8 | 36 | <2.0 | 2.9 | 3.0 | 2.8 |
| R-PSDA | 43 J | 87 J | <7.1 UJ | 28 J | <2.0 | 30 J | 6.6 J | 15 J | 18 J | 12 J |
| Hydrolyzed PSDA | 270 J | 220 J | 200 J | 440 J | 13 J | 500 J | 15 J | 130 J | 150 J | 98 J |
| R-PSDCA | <2.0 | 2.3 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | 15 | 7.5 | 23 J | <2.0 UJ | 6.1 | 5.1 | <2.0 | 5.2 | 5.5 | 4.1 |
| EVE Acid | <2.0 | <2.0 | 3.6 J | <2.0 UJ | <2.0 | 9.8 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-EVE Acid | 13 | 4.4 | 16 J | 9.8 J | 2.5 | 5.8 | <2.0 | 3.1 | 2.8 | 3.2 |
| R-EVE | 15 J | 69 J | 42 J | <7.2 UJ | <2.0 | <3.6 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.7 UJ | <2.7 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.4 | <2.4 | <4.8 UJ | <4.8 UJ | <2.0 | <2.4 | <2.0 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 1,600 | 510 | 2,700 | 370 | 320 | 4,100 | 510 | 140 | 140 | 76 |
| Total Table 3+ (17 compounds)^{2,3} | 1,700 | 520 | 2,700 | 380 | 330 | 4,100 | 510 | 150 | 140 | 84 |
| Total Table 3+ (20 compounds)² | 2,000 | 900 | 3,000 | 840 | 340 | 4,700 | 530 | 290 | 310 | 190 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- |
| 11Cl-PF3OUdS | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 6.2 J | <2.0 UJ | -- |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ | -- |
| 6:2 Fluorotelomer sulfonate | 23 J | <5.0 | 6.8 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- |
| 9Cl-PF3ONS | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- |
| DONA | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | 5.1 | <5.0 | <5.0 UJ | <5.0 UJ | -- |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | -- |
| Perfluorobutane Sulfonic Acid | 2.1 J | 2.3 | 6.1 | 3.7 | 4.2 | <2.0 | <2.0 | 3.6 J | 3.6 J | -- |
| Perfluorobutanoic Acid | 38 J | <5.0 | 9.2 | <5.0 | <660 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | 24 J |
| Perfluorodecane Sulfonic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | 2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- |
| Perfluoroheptanoic Acid ¹ | 5.9 J | 3.1 | 6.5 | 2.2 | 2.6 | 2.2 | <2.0 | 4.8 | 4.1 | 5.5 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorohexane Sulfonic Acid | <2.0 UJ | <2.0 | 4.0 | <2.0 | <2.0 | <2.0 | <2.0 | 5.8 J | 5.2 J | -- |
| Perfluorohexanoic Acid | 4.9 J | 4.9 | 7.1 | 5.3 | 5.8 | 3.1 | <2.0 | 6.0 J | 6.2 J | 9.8 |
| Perfluorononanesulfonic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | -- |
| Perfluoropentanoic Acid | 12 J | 10 | 34 | 6.7 | 11 | 3.3 | <2.0 | 7.3 J | 7.5 J | 12 |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| PFOA | 8.2 J | 3.4 | 7.4 | 6.0 | 2.9 | 68 | 38 | 15 J | 15 J | 360 |
| PFOS | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | 5.1 | 10 | 13 J | 13 J | -- |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 23C-1 | 23C-1 | 23C-1 | 23C-1 | 23C-1 | 23C-1 | 23C-1 | 23C-1 | 23C-1 | 23C-2 |
|--|----------------------|------------------------|---------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|------------------------|----------------------|
| Sampling Event | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | May 2022 | July 2022 | September 2022 | December 2022 | April/May 2021 |
| Field Sample ID | STW-LOC-23C-1-092421 | STW-LOC-23C-1-4-121021 | STW-LOC-23C-1-1.75-011922 | STW-LOC-23C-1-4-040622 | STW-LOC-23C-1-4-053122 | STW-LOC-23C-1-4-053122-D | STW-LOC-23C-1-4-071822 | STW-LOC-23C-1-4-091422 | STW-LOC-23C-1-4-120122 | STW-LOC-23C-2-042621 |
| Date Sampled | 09/24/2021 | 12/10/2021 | 01/19/2022 | 04/06/2022 | 05/31/2022 | 05/31/2022 | 07/18/2022 | 09/14/2022 | 12/01/2022 | 04/26/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | | | | Field Duplicate | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 15 | 42 J | 25 | 19 J | 51 | 59 | 16 J | 170 | 19 | 29 J |
| PFMOAA | 14 | 29 J | 20 | <4.0 | 130 | 140 | <2.0 UJ | <80 | <2.0 | 24 |
| PFO2HxA | 13 | 24 J | 24 | 25 | 56 | 47 | 17 J | <27 | 26 | 24 |
| PFO3OA | 3.0 | 5.9 J | 4.8 | 6.9 | 22 | 16 | 3.6 J | <39 | 5.4 | 3.4 |
| PFO4DA | <2.0 | 2.1 J | 3.4 | 3.8 | 17 | 14 | 2.1 J | <59 | 4.1 | <2.0 |
| PFO5DA | <2.0 | 3.0 J | <2.0 | <3.9 | <16 | <16 | <2.0 UJ | <78 | 2.6 | <2.0 |
| PMPA | 17 | 790 J | 40 | 36 | <120 | <120 | <10 UJ | <620 | <10 | 46 |
| PEPA | <20 | <20 UJ | <20 | <20 | <20 | <20 | <20 UJ | <20 | <20 | <20 |
| PS Acid | 41 | 12 J | 13 | 40 | 1,500 | 1,400 | 31 J | 840 | 26 | <2.0 |
| Hydro-PS Acid | 3.3 | 3.9 J | 3.4 | 8.6 | 39 | 38 | 3.0 J | 42 | 3.8 | <2.0 |
| R-PSDA | 18 J | <2.0 UJ | 31 J | 24 J | 210 J | 170 J | <2.0 UJ | <71 | <2.0 | <2.0 |
| Hydrolyzed PSDA | 170 J | -- | 190 J | 180 J | 3,100 J | 2,700 J | 150 J | 5,300 J | 72 J | 7.9 J |
| R-PSDCA | <2.0 | <2.0 UJ | <2.0 | <2.0 | <3.5 | <3.5 | <2.0 UJ | <17 | <2.0 | <2.0 |
| NVHOS, Acid Form | 9.7 | 3.8 J | 2.8 | <2.0 | 13 J | <2.9 | 5.3 J | <15 | 4.6 | 4.3 |
| EVE Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <3.5 | <3.5 | <2.0 UJ | <17 | <2.0 | <2.0 |
| Hydro-EVE Acid | 3.9 | 5.0 J | 3.4 | 14 | 12 | 11 | <2.0 UJ | <14 | 4.1 | <2.0 |
| R-EVE | 2.1 J | <2.0 UJ | 2.6 J | <3.6 | 20 J | <14 | <2.0 UJ | <72 | <2.0 | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <6.7 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 UJ | <2.0 | <2.0 | <5.3 | <5.3 | <2.0 UJ | <27 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 UJ | <2.0 | <2.4 | <9.6 | <9.6 | <2.0 UJ | <48 | <2.0 | <2.0 |
| Total Attachment C¹ | 110 | 910 | 130 | 140 | 1,800 | 1,700 | 73 | 1,100 | 87 | 130 |
| Total Table 3+ (17 compounds)^{2,3} | 120 | 920 | 140 | 150 | 1,800 | 1,700 | 78 | 1,100 | 96 | 130 |
| Total Table 3+ (20 compounds)² | 310 | 920 | 360 | 360 | 5,200 | 4,600 | 230 | 6,400 | 170 | 140 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <3.4 | <2.0 | <2.0 UJ |
| 11Cl-PF3OUds | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.3 | <2.0 | <2.0 UJ |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <4.3 | <2.0 | <2.0 UJ |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | <4.0 | <4.0 UJ | <4.0 | <4.0 | <4.0 | <7.0 | <4.0 | <4.0 UJ |
| 6:2 Fluorotelomer sulfonate | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <13 | <5.0 | <5.0 UJ |
| 9Cl-PF3ONS | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| DONA | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | <5.0 | <5.0 UJ | 6.9 | 7.2 | <5.0 | <6.5 | <5.0 | <5.0 UJ |
| N-ethylperfluoro-1-octanesulfonamide | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <4.4 | <2.0 | <2.0 UJ |
| N-methyl perfluoro-1-octanesulfonamide | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.2 | <2.0 | <2.0 UJ |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <6.0 | <5.0 | <5.0 UJ |
| Perfluorobutane Sulfonic Acid | -- | -- | 5.4 | 4.5 J | <2.0 | <2.0 | 6.8 | 14 | 12 | 3.3 J |
| Perfluorobutanoic Acid | <5.0 UJ | 120 | 22 | 63 J | <750 | <520 | 25 | 800 | 200 | <5.0 UJ |
| Perfluorodecane Sulfonic Acid | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorodecanoic Acid | <2.0 UJ | 25 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorododecane Sulfonic Acid (PFDoS) | -- | -- | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <4.9 | <2.0 | <2.0 UJ |
| Perfluorododecanoic Acid | <2.0 UJ | <5.4 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.8 | <2.0 | <2.0 UJ |
| Perfluoroheptane Sulfonic Acid (PFHpS) | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluoroheptanoic Acid ¹ | 5.9 J | 6.5 J | 3.7 | 5.3 J | 8.4 | 8.5 | 4.4 | <2.0 | 4.8 J | 4.3 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <8.8 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <4.5 | <2.0 | <2.0 UJ |
| Perfluorohexane Sulfonic Acid | -- | -- | 4.6 | 3.3 J | 7.7 | 7.8 | 6.6 | 9.1 | 8.0 | 5.0 J |
| Perfluorohexanoic Acid | 12 J | 16 | 8.1 | 4.6 J | 14 | 14 | 7.6 | 13 | 7.8 | 6.3 J |
| Perfluorononanesulfonic Acid | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorononanoic Acid | <2.0 UJ | 15 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorooctadecanoic Acid | <2.0 UJ | <9.2 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <4.7 | <2.0 UJ | <2.0 UJ |
| Perfluorooctane Sulfonamide | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <4.9 | <2.0 | <2.0 UJ |
| Perfluoropentane Sulfonic Acid (PFPeS) | -- | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluoropentanoic Acid | 16 J | 15 | 9.0 | 6.2 J | 22 | 24 | 13 | 29 | 17 | 6.9 J |
| Perfluorotetradecanoic Acid | <2.0 UJ | <7.2 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <3.7 | <2.0 | <2.0 UJ |
| Perfluorotridecanoic Acid | <2.0 UJ | <13 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <6.5 | <2.0 | <2.0 UJ |
| Perfluoroundecanoic Acid | <2.0 UJ | <11 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <5.5 | <2.0 | <2.0 UJ |
| PFOA | 21 J | 35 | 14 | 360 J | 42 | 45 | 12 | 120 | 31 | 7.5 J |
| PFOS | -- | -- | 10 | 2.9 J | 9.7 | 8.9 | 15 | 10 | 6.9 | 14 J |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 23C-2 | 23C-2 | 23C-2 | 23C-2 | 23C-2 | 23C-2 | 23C-2 | 23C-2 | 23C-2 | 23C-2 |
|--|------------------------|----------------------|------------------------|--------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|
| Sampling Event | April/May 2021 | April/May 2021 | June 2021 | June 2021 | August 2021 | September 2021 | December 2021 | December 2021 | January 2022 | April 2022 |
| Field Sample ID | STW-LOC-23C-2-042621-D | STW-LOC-23C-2-042921 | STW-LOC-23C-2-4-061821 | STW-LOC-23C-2-4-061821-D | STW-LOC-23C-2-4-082321 | STW-LOC-23C-2-4-092321 | STW-LOC-23C-2-4-120921 | STW-LOC-23C-2-4-120921-D | STW-LOC-23C-2-4-011922 | STW-LOC-23C-2-4-040622 |
| Date Sampled | 04/26/2021 | 04/29/2021 | 06/18/2021 | 06/18/2021 | 08/23/2021 | 09/23/2021 | 12/09/2021 | 12/09/2021 | 01/19/2022 | 04/06/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | Field Duplicate | | | Field Duplicate | | | | Field Duplicate | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 28 | 55 | 15 | 15 | 18 | 12 | 17 J | 17 J | 17 | 23 |
| PFMOAA | 25 | 37 | 7.6 | 7.8 | 4.3 | <2.0 | 23 J | 22 J | 16 | 19 |
| PFO2HxA | 24 | 30 | 9.7 | 8.9 | 8.0 | 6.9 | 23 J | 21 J | 13 | 18 |
| PFO3OA | 3.7 | 5.1 | <2.0 | <2.0 | <2.0 | <2.0 | 4.1 J | 4.3 J | <2.0 | 3.6 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| PMPA | 41 | 52 | 26 J | 33 J | <10 | <10 | 30 J | 29 J | 15 | 24 |
| PEPA | <20 | <20 | <20 | <20 | <20 | <20 | <20 UJ | <20 UJ | <20 | <20 |
| PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| R-PSDA | 8.6 J | 12 J | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | 4.7 J | <2.0 | <2.0 |
| Hydrolyzed PSDA | 7.9 J | 15 J | 4.3 J | 4.6 J | <2.0 | <2.0 | 11 J | 12 J | 5.6 J | 8.6 J |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| NVHOS, Acid Form | 4.7 | 4.2 | 2.8 | 2.3 | 2.6 | 11 | 4.7 J | <2.0 UJ | <2.0 | <2.0 |
| EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| R-EVE | <2.0 | 3.7 J | <2.0 | <2.0 | <2.0 | <2.0 | 3.9 J | 2.9 J | <2.0 | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 |
| Total Attachment C¹ | 120 | 180 | 58 | 65 | 30 | 19 | 97 | 93 | 61 | 88 |
| Total Table 3+ (17 compounds)^{2,3} | 130 | 180 | 61 | 67 | 33 | 30 | 100 | 93 | 61 | 88 |
| Total Table 3+ (20 compounds)² | 140 | 210 | 65 | 72 | 33 | 30 | 120 | 110 | 67 | 96 |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| 11Cl-PF3OUds | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 UJ | <4.0 UJ | <4.0 UJ | <4.0 UJ | -- | -- | -- | -- | <4.0 | <4.0 UJ |
| 6:2 Fluorotelomer sulfonate | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 UJ | -- | -- | -- | -- | <5.0 | <5.0 UJ |
| 9Cl-PF3ONS | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| DONA | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 UJ | -- | -- | -- | -- | <5.0 | <5.0 UJ |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 UJ | -- | -- | -- | -- | <5.0 | <5.0 UJ |
| Perfluorobutane Sulfonic Acid | 3.6 J | 3.1 J | 4.9 J | 4.9 J | -- | -- | -- | -- | 5.3 | 3.7 J |
| Perfluorobutanoic Acid | <5.0 UJ | <5.0 UJ | 5.4 J | 5.5 J | 5.2 | 7.4 J | <5.0 | <5.0 | <5.0 | <5.0 UJ |
| Perfluorodecane Sulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| Perfluoroheptanoic Acid ¹ | 3.9 J | 3.0 | 7.8 | 7.0 | 4.7 | 5.3 J | 3.8 | 3.7 | 2.9 | 3.2 J |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorohexane Sulfonic Acid | 4.7 J | 4.8 J | 5.1 J | 5.0 J | -- | -- | -- | -- | 3.8 | 3.2 J |
| Perfluorohexanoic Acid | 6.2 J | 5.2 J | 8.9 J | 9.8 J | 8.4 | 12 J | 11 | 13 | 6.4 | 5.2 J |
| Perfluorononanesulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorooctane Sulfonamide | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | <2.0 | <2.0 UJ |
| Perfluoropentanoic Acid | 6.9 J | 7.1 J | 8.8 J | 9.4 J | 13 | 20 J | 14 | 13 | 6.8 | 5.5 J |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ |
| PFOA | 6.3 J | 6.5 J | 8.3 J | 8.9 J | 7.0 | 8.8 J | 7.5 | 7.8 | 5.6 | 6.4 J |
| PFOS | 13 J | 11 J | 14 J | 14 J | -- | -- | -- | -- | 7.4 | 9.7 J |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | 23C-2 | 23C-2 | 23C-2 | 23C-2 | 23C-2 | 23C-2 | 23C-2 | 23C-2 | 23C-3 | 23C-3 | 23C-3 |
|--|--------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|
| Sampling Event | April 2022 | May 2022 | July 2022 | July 2022 | September 2022 | December 2022 | December 2022 | December 2022 | June 2021 | August 2021 | September 2021 |
| Field Sample ID | STW-LOC-23C-2-4-040622-D | STW-LOC-23C-2-4-053122 | STW-LOC-23C-2-4-071822 | STW-LOC-23C-2-4-071822-D | STW-LOC-23C-2-4-091422 | STW-LOC-23C-2-4-120122 | STW-LOC-23C-2-4-120122-D | STW-LOC-23C-2-4-120122-D | STW-LOC-23C-3-4-061821 | STW-LOC-23C-3-4-082321 | STW-LOC-23C-3-4-092321 |
| Date Sampled | 04/06/2022 | 05/31/2022 | 07/18/2022 | 07/18/2022 | 09/14/2022 | 12/01/2022 | 12/01/2022 | 12/01/2022 | 06/18/2021 | 08/23/2021 | 09/23/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | Field Duplicate | | | Field Duplicate | | | Field Duplicate | | | | |
| Table 3+ SOP (ng/L) | | | | | | | | | | | |
| Hfpo Dimer Acid | 23 J | 19 | 20 | 20 | 14 | 24 | 22 | 14 | 11 | 21 | |
| PFMOAA | 18 | 14 | 13 J | 6.5 J | <2.0 | 8.9 J | 12 J | 2.4 | <2.0 | 3.3 | |
| PFO2HxA | 17 | 12 | 13 J | 13 J | 15 | 17 | 18 | 6.4 | 5.5 | 8.8 | |
| PFO3OA | 3.6 | 2.4 | 2.7 J | 2.2 J | <2.0 | 2.8 | 3.1 | <2.0 | <2.0 | <2.0 | |
| PFO4DA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| PFO5DA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| PMPA | 26 | <10 | <10 UJ | <10 UJ | 70 | 16 | 21 | 24 | <10 | 18 | |
| PEPA | <20 | <20 | <20 UJ | <20 UJ | <20 | <20 | <20 | <20 | <20 | <20 | |
| PS Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| R-PSDA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Hydrolyzed PSDA | 7.3 J | 7.6 J | <2.0 UJ | <2.0 UJ | 5.5 J | 4.0 J | 2.4 J | 9.8 J | 3.3 J | 9.0 J | |
| R-PSDCA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| NVHOS, Acid Form | <2.0 | 3.8 | <2.0 UJ | 5.0 J | 10 | <2.0 | <2.0 | <2.0 | <2.0 | 6.0 | |
| EVE Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| R-EVE | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| PFECA B | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| PFECA-G | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Total Attachment C¹ | 88 | 47 | 49 | 42 | 99 | 69 | 76 | 47 | 17 | 51 | |
| Total Table 3+ (17 compounds)^{2,3} | 88 | 51 | 49 | 47 | 110 | 69 | 76 | 47 | 17 | 57 | |
| Total Table 3+ (20 compounds)² | 95 | 59 | 49 | 47 | 110 | 73 | 79 | 57 | 20 | 66 | |
| Other PFAS (ng/L) | | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | |
| 11Cl-PF3OUdS | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 UJ | -- | -- | |
| 6:2 Fluorotelomer sulfonate | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | -- | -- | |
| 9Cl-PF3ONS | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | |
| DONA | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | -- | -- | |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | -- | -- | |
| Perfluorobutane Sulfonic Acid | 3.8 J | 4.1 | 5.8 J | 5.5 | 8.9 | 10 J | 11 | 2.4 J | -- | -- | |
| Perfluorobutanoic Acid | <5.0 UJ | <5.0 | <5.0 | <5.0 | 6.8 | <410 | <420 | <5.0 UJ | <5.0 | 8.9 J | |
| Perfluorodecane Sulfonic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | |
| Perfluoroheptanoic Acid ¹ | 3.2 J | 4.2 | 3.4 | 3.3 | 4.5 | 5.5 | 5.2 | 2.6 | 2.4 | 3.5 | |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | |
| Perfluorohexane Sulfonic Acid | 3.2 J | 4.3 | 5.8 | 5.1 | 8.7 | 5.7 | 6.5 | 2.6 J | -- | -- | |
| Perfluorohexanoic Acid | 5.1 J | 6.9 | 5.5 | 5.9 | 11 | 12 | 12 | 4.7 J | 3.8 | 6.8 J | |
| Perfluorononanesulfonic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | |
| Perfluorooctane Sulfonamide | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | -- | -- | |
| Perfluoropentanoic Acid | 5.8 J | 8.4 | 10 | 11 | 13 | 16 | 17 | 4.7 J | 6.1 | 9.7 J | |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | |
| PFOA | 6.3 J | 6.9 | 5.9 | 5.6 | 7.3 | 7.2 | 7.4 | 4.6 J | 8.2 | 5.5 J | |
| PFOS | 10 J | 14 | 12 | 12 | 18 | 11 | 11 | 6.3 J | -- | -- | |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 23C-3 | 23C-3 | 23C-3 | 23C-3 | 23C-3 | 23C-3 | 23C-3 | 23C-3 | 24A | 24A | 24A |
|--|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------|--------------------|----------------------|-----|
| Sampling Event | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | September 2022 | December 2022 | February 2021 | April/May 2021 | April/May 2021 | |
| Field Sample ID | STW-LOC-23C-3-33-120921 | STW-LOC-23C-3-4-011922 | STW-LOC-23C-3-4-040622 | STW-LOC-23C-3-4-053122 | STW-LOC-23C-3-4-071822 | STW-LOC-23C-3-6-091422 | STW-LOC-23C-3-4-120122 | STW-LOC-24A-021921 | STW-LOC-24A-042921 | STW-LOC-24A-042921-D | |
| Date Sampled | 12/09/2021 | 01/19/2022 | 04/06/2022 | 05/31/2022 | 07/18/2022 | 09/14/2022 | 12/01/2022 | 02/19/2021 | 04/29/2021 | 04/29/2021 | |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | |
| QA/QC | | | | | | | | | | Field Duplicate | |
| Table 3+ SOP (ng/L) | | | | | | | | | | | |
| Hfpo Dimer Acid | 8.4 J | 10 | 14 J | 7.8 | 12 J | 4.2 | 9.2 | 13 | 39 J | 42 J | |
| PFMOAA | 12 J | 7.5 | <2.0 | 8.6 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <80 UJ | <80 | |
| PFO2HxA | 11 J | 7.8 | 9.9 | 5.5 | 6.9 J | 4.8 | 9.1 | 10 | <27 UJ | <27 | |
| PFO3OA | 2.5 J | <2.0 | 2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <39 UJ | <39 | |
| PFO4DA | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <59 UJ | <59 | |
| PFO5DA | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <78 UJ | <78 | |
| PMPA | 13 J | <10 | <10 | <10 | <10 UJ | <10 | <10 | <10 | 80 J | <620 | |
| PEPA | <20 UJ | <20 | <20 | <20 | <20 UJ | <20 | <20 | <20 | <20 UJ | <20 | |
| PS Acid | <2.0 UJ | <2.0 | 4.6 | <2.0 | 2.4 J | <2.0 | <2.0 | <2.0 | <20 UJ | 110 J | |
| Hydro-PS Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <6.1 UJ | <6.1 | |
| R-PSDA | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <71 UJ | <71 | |
| Hydrolyzed PSDA | 13 J | 6.5 J | <2.0 | 4.2 J | 12 J | <2.0 | <2.0 | <2.0 | <38 UJ | <38 | |
| R-PSDCA | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <17 UJ | <17 | |
| NVHOS, Acid Form | <2.0 UJ | <2.0 | <2.0 | <2.0 | 4.5 J | <2.0 | <2.0 | <2.0 | <15 UJ | 42 J | |
| EVE Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <17 UJ | <17 | |
| Hydro-EVE Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <14 UJ | <14 | |
| R-EVE | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <72 UJ | <72 | |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <6.7 UJ | <6.7 | |
| PFECA B | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <27 UJ | <27 | |
| PFECA-G | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <48 UJ | <48 | |
| Total Attachment C¹ | 47 | 25 | 31 | 22 | 21 | 9 | 18 | 23 | 120 | 150 | |
| Total Table 3+ (17 compounds)^{2,3} | 47 | 25 | 31 | 22 | 26 | 9 | 18 | 23 | 120 | 190 | |
| Total Table 3+ (20 compounds)² | 60 | 32 | 31 | 26 | 38 | 9 | 18 | 23 | 120 | 190 | |
| Other PFAS (ng/L) | | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| 11Cl-PF3OUdS | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | <4.0 | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ | |
| 6:2 Fluorotelomer sulfonate | -- | <5.0 | <5.0 UJ | 6.6 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | |
| 9Cl-PF3ONS | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| DONA | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | |
| N-ethylperfluoro-1-octanesulfonamide | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| N-methyl perfluoro-1-octanesulfonamide | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | -- | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | |
| Perfluorobutane Sulfonic Acid | -- | 2.3 | 2.2 J | <2.0 | 3.0 | 5.8 | 5.6 | <2.0 | 3.2 J | 3.2 J | |
| Perfluorobutanoic Acid | <5.0 | <5.0 | 18 J | <5.0 | <5.0 | <5.0 | <660 | <5.0 | 5.9 J | 5.4 J | |
| Perfluorodecane Sulfonic Acid | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorododecane Sulfonic Acid (PFDoS) | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluoroheptane Sulfonic Acid (PFHpS) | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluoroheptanoic Acid ¹ | 2.1 | <2.0 | <2.0 UJ | <2.0 | <2.0 | 2.0 | 2.5 | <2.0 | 3.1 J | 2.8 J | |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorohexane Sulfonic Acid | -- | <2.0 | <2.0 UJ | <2.0 | 2.6 | 4.7 | 3.1 | <2.0 | 5.4 J | 5.3 J | |
| Perfluorohexanoic Acid | 5.6 | 3.1 | <2.0 UJ | 2.8 | 3.1 | 5.6 | 5.5 | <2.0 | 5.5 J | 5.3 J | |
| Perfluorononanesulfonic Acid | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorononanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorooctane Sulfonamide | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluoropentane Sulfonic Acid (PFPeS) | -- | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluoropentanoic Acid | 6.3 | 4.3 | 2.5 J | 2.6 | 5.3 | 7.2 | 6.9 | <2.0 | 7.5 J | 7.5 J | |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | |
| PFOA | 4.4 | 2.8 | 20 J | 2.8 | 3.2 | 2.8 | 3.9 | 2.1 | 5.4 J | 5.7 J | |
| PFOS | -- | <2.0 | 5.3 J | 5.1 J | 6.3 J | 8.0 | 5.0 J | 4.0 | 10 J | 9.3 J | |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | 24A | 24B | 24B | 24B | 24B | 24B | 24C | 24C | 24C | TB |
|--|--------------------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--------------------|--------------------|---------------|
| Sampling Event | June 2021 | February 2021 | February 2021 | April/May 2021 | June 2021 | June 2021 | February 2021 | April/May 2021 | June 2021 | February 2021 |
| Field Sample ID | STW-LOC-24A-061821 | STW-LOC-24B-021921 | STW-LOC-24B-021921-D | STW-LOC-24B-042921 | STW-LOC-24B-061821 | STW-LOC-24B-061821-D | STW-LOC-24C-021921 | STW-LOC-24C-042921 | STW-LOC-24C-061821 | STW-TB-021821 |
| Date Sampled | 06/18/2021 | 02/19/2021 | 02/19/2021 | 04/29/2021 | 06/18/2021 | 06/18/2021 | 02/19/2021 | 04/29/2021 | 06/18/2021 | 02/18/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | | | Field Duplicate | | | Field Duplicate | | | | Trip Blank |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | 22 J | 6.8 J | 23 J | 48 | 21 | 92 J | 210 | 61 | 110 | <4.0 |
| PFMOAA | 5.0 | <2.0 | <2.0 | 35 | 8.4 | 8.8 | <4.0 | 36 | 4.9 | <2.0 |
| PFO2HxA | 8.1 | 7.2 | 7.4 | 26 | 8.9 | 9.1 | 26 | 27 | 7.3 | <2.0 |
| PFO3OA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 9.6 | <2.0 | <2.0 | <2.0 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <3.0 | <2.0 | <2.0 | <2.0 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <3.9 | <2.0 | <2.0 | <2.0 |
| PMPA | 78 | 15 J | 26 J | 44 | 39 J | 27 J | 64 | 44 | 49 | <10 |
| PEPA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 28 | <2.0 | <2.0 | <2.0 |
| PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 1,000 | 10 B | 2.3 | <2.0 |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 130 | 4.5 | <2.0 | <2.0 |
| R-PSDA | 7.5 J | <2.0 | <2.0 | 14 J | <2.0 | <2.0 | 580 J | 33 J | 15 J | <2.0 |
| Hydrolyzed PSDA | 2.2 J | <2.0 | <2.0 | 11 J | 2.2 J | <2.0 | 1,000 J | 17 J | 13 J | <2.0 |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 7.1 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | 2.1 | <2.0 | <2.0 | 5.2 | 2.7 | <2.0 | 160 | 5.0 | 2.1 | <2.0 |
| EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 1,200 | 4.5 | <2.0 | <2.0 |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 230 | <2.0 | <2.0 | <2.0 |
| R-EVE | <2.0 | <2.0 | <2.0 | 3.6 J | <2.0 | <2.0 | 100 J | 5.3 J | 2.2 J | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.4 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 110 | 29 | 56 | 150 | 77 | 140 | 1,500 | 180 | 170 | ND |
| Total Table 3+ (17 compounds)^{2,3} | 120 | 29 | 56 | 160 | 80 | 140 | 3,100 | 190 | 180 | ND |
| Total Table 3+ (20 compounds)² | 120 | 29 | 56 | 190 | 82 | 140 | 4,700 | 250 | 210 | ND |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| 11Cl-PF3OUdS | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 UJ | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ | <4.0 UJ | <4.0 | <4.0 UJ | <4.0 UJ | <4.0 |
| 6:2 Fluorotelomer sulfonate | <5.0 UJ | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 |
| 9Cl-PF3ONS | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| DONA | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 |
| Perfluorobutane Sulfonic Acid | 4.9 J | <2.0 | <2.0 | 3.5 J | 5.1 J | 4.9 J | <2.0 | 3.2 J | 5.2 J | <2.0 |
| Perfluorobutanoic Acid | 8.1 J | <5.0 | <5.0 | <5.0 UJ | 5.6 J | 6.1 J | <5.0 | <5.0 UJ | 6.0 J | <5.0 |
| Perfluorodecane Sulfonic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoroheptanoic Acid ¹ | 5.9 | <2.0 | <2.0 | 3.6 | 5.6 J | 7.6 J | <2.0 | 3.4 | 5.5 | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorohexane Sulfonic Acid | 4.7 J | <2.0 | <2.0 | 5.3 J | 4.7 J | 5.2 J | <2.0 | 5.2 J | 4.3 J | <2.0 |
| Perfluorohexanoic Acid | 11 J | <2.0 | <2.0 | 5.9 J | 9.6 J | 9.5 J | 2.0 | 5.2 J | 9.9 J | <2.0 |
| Perfluorononanesulfonic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoropentanoic Acid | 9.9 J | 2.1 | <2.0 | 8.1 J | 9.3 J | 9.2 J | 2.7 | 7.4 J | 9.0 J | <2.0 |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| PFOA | 8.9 J | 2.0 | 2.2 | 6.3 J | 9.0 J | 8.9 J | 2.4 | 6.1 J | 7.6 J | <2.0 |
| PFOS | 14 J | 3.6 | 3.4 | 11 J | 14 J | 14 J | 3.7 | 8.9 J | 10 J | <2.0 |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | TB | TB | TB | TB | EB | EB | EB | EB | EB | EB |
|--|-------------------|-------------------|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|-------------------|----------------------|
| Sampling Event | February 2021 | April/May 2021 | April/May 2021 | April/May 2021 | February 2021 | February 2021 | February 2021 | February 2021 | April/May 2021 | April/May 2021 |
| Field Sample ID | STW-LOC-TB-021921 | STW-LOC-TB-042621 | STW-LOC-TB-042921 | STW-LOC-TB-050421 | STW-LOC-EB-DR-021821 | STW-LOC-EB-IS-021821 | STW-LOC-EB-DR-021921 | STW-LOC-EB-IS-021921 | STW-LOC-EB-042621 | STW-LOC-EB-DR-042921 |
| Date Sampled | 02/19/2021 | 04/26/2021 | 04/29/2021 | 05/04/2021 | 02/18/2021 | 02/18/2021 | 02/19/2021 | 02/19/2021 | 04/26/2021 | 04/29/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | Trip Blank | Trip Blank | Trip Blank | Trip Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | <4.0 | <2.0 | <2.0 | <2.0 | <4.0 | <4.0 | <4.0 | <4.0 | <2.0 | <2.0 |
| PFMOAA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO2HxA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO3OA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PMPA | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| PEPA | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-PSDA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydrolyzed PSDA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-EVE | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Table 3+ (17 compounds)^{2,3} | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Table 3+ (20 compounds)² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| 11Cl-PF3OUdS | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 UJ | <4.0 UJ | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ |
| 9Cl-PF3ONS | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| DONA | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ |
| Perfluorobutane Sulfonic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorobutanoic Acid | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorodecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorododecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorohexane Sulfonic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorohexanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorononanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluoropentanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluorotridecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| Perfluoroundecanoic Acid | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| PFOA | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ |
| PFOS | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | 3.7 | <2.0 UJ | <2.0 UJ |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | EB | EB | EB | EB | EB | EB | EB | EB | EB | EB |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Sampling Event | April/May 2021 | April/May 2021 | June 2021 | June 2021 | August 2021 | August 2021 | August 2021 | August 2021 | September 2021 | September 2021 |
| Field Sample ID | STW-LOC-EB-IS-042921 | STW-LOC-EB-DR-050421 | STW-LOC-EB-DR-061821 | STW-LOC-EB-IS-061821 | STW-LOC-EB-IS-081721 | STW-LOC-EB-DR-082321 | STW-LOC-EB-IS-082321 | STW-LOC-EB-IS-092121 | STW-LOC-EB-DR-092321 | STW-LOC-EB-IS-092321 |
| Date Sampled | 04/29/2021 | 05/04/2021 | 06/18/2021 | 06/18/2021 | 08/17/2021 | 08/23/2021 | 08/23/2021 | 09/21/2021 | 09/23/2021 | 09/23/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFMOAA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO2HxA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO3OA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PMPA | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| PEPA | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| PS Acid | 2.1 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-PSDA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydrolyzed PSDA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-EVE | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | 2.1 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Table 3+ (17 compounds)^{2,3} | 2.1 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Table 3+ (20 compounds)² | 2.1 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| 11Cl-PF3OUds | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 UJ | <4.0 UJ | <4.0 UJ | <4.0 UJ | -- | -- | -- | -- | -- | -- |
| 6:2 Fluorotelomer sulfonate | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 UJ | -- | -- | -- | -- | -- | -- |
| 9Cl-PF3ONS | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| DONA | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 UJ | -- | -- | -- | -- | -- | -- |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 UJ | -- | -- | -- | -- | -- | -- |
| Perfluorobutane Sulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| Perfluorobutanoic Acid | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 UJ |
| Perfluorodecane Sulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorohexane Sulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| Perfluorohexanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorononanesulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorooctane Sulfonamide | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |
| Perfluoropentanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| PFOA | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| PFOS | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- | -- | -- | -- |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | EB | EB | EB | EB | EB | EB | EB | EB | EB | EB | |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Sampling Event | September 2021 | September 2021 | December 2021 | December 2021 | December 2021 | December 2021 | December 2021 | January 2022 | January 2022 | January 2022 | April 2022 |
| Field Sample ID | STW-LOC-EB-DR-092421 | STW-LOC-EB-IS-092421 | STW-LOC-EB-IS-120821 | STW-LOC-EB-DR-120921 | STW-LOC-EB-IS-120921 | STW-LOC-EB-IS-121021 | STW-LOC-EB-IS-121021 | STW-LOC-EB-IS-011622 | STW-LOC-EB-DR-011922 | STW-LOC-EB-IS-011922 | STW-LOC-EB-IS-040522 |
| Date Sampled | 09/24/2021 | 09/24/2021 | 12/08/2021 | 12/09/2021 | 12/09/2021 | 12/10/2021 | 12/10/2021 | 01/16/2022 | 01/19/2022 | 01/19/2022 | 04/05/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank |
| Table 3+ SOP (ng/L) | | | | | | | | | | | |
| Hfpo Dimer Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| PFMOAA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO2HxA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO3OA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO4DA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO5DA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| PMPA | <10 | <10 | <10 UJ | <10 UJ | <10 UJ | <10 UJ | <10 UJ | <10 | <10 | <10 | <10 |
| PEPA | <20 | <20 | <20 UJ | <20 UJ | <20 UJ | <20 UJ | <20 UJ | <20 | <20 | <20 | <20 |
| PS Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| R-PSDA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydrolyzed PSDA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| R-PSDCA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| EVE Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| R-EVE | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-B | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Table 3+ (17 compounds)^{2,3} | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Table 3+ (20 compounds)² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Other PFAS (ng/L) | | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| 11Cl-PF3OUdS | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | -- | -- | -- | -- | <4.0 UJ | <4.0 | <4.0 | <4.0 UJ |
| 6:2 Fluorotelomer sulfonate | -- | -- | -- | -- | -- | -- | -- | <5.0 UJ | <5.0 | <5.0 | <5.0 UJ |
| 9Cl-PF3ONS | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| DONA | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | -- | -- | -- | -- | -- | <5.0 UJ | <5.0 | <5.0 | <5.0 UJ |
| N-ethylperfluoro-1-octanesulfonamide | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| N-methyl perfluoro-1-octanesulfonamide | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | -- | -- | -- | -- | -- | <5.0 UJ | <5.0 | <5.0 | <5.0 UJ |
| Perfluorobutane Sulfonic Acid | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluorobutanoic Acid | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 | <5.0 | <5.0 UJ |
| Perfluorodecane Sulfonic Acid | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluorododecane Sulfonic Acid (PFDoS) | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluoroheptane Sulfonic Acid (PFHpS) | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluorohexane Sulfonic Acid | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluorohexanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluorononanesulfonic Acid | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluorooctane Sulfonamide | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluoropentane Sulfonic Acid (PFPeS) | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluoropentanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| PFOA | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| PFOS | -- | -- | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | EB | EB | EB | EB | EB | EB | EB | EB | EB | EB |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Sampling Event | April 2022 | April 2022 | May 2022 | May 2022 | May 2022 | July 2022 | July 2022 | July 2022 | July 2022 | August 2022 |
| Field Sample ID | STW-LOC-EB-DR-040622 | STW-LOC-EB-IS-040622 | STW-LOC-EB-IS-052722 | STW-LOC-EB-DR-053122 | STW-LOC-EB-IS-053122 | STW-LOC-EB-DR-071522 | STW-LOC-EB-IS-071522 | STW-LOC-EB-DR-071822 | STW-LOC-EB-IS-071822 | STW-LOC-EB-IS-081222 |
| Date Sampled | 04/06/2022 | 04/06/2022 | 05/27/2022 | 05/31/2022 | 05/31/2022 | 07/15/2022 | 07/15/2022 | 07/18/2022 | 07/18/2022 | 08/12/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| PFMOAA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| PFO2HxA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| PFO3OA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| PFO4DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| PFO5DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| PMPA | <10 | <10 | <10 | <10 | <10 | <10 UJ | <10 UJ | <10 | <10 | <10 UJ |
| PEPA | <20 | <20 | <20 | <20 | <20 | <20 UJ | <20 UJ | <20 | <20 | <20 UJ |
| PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| R-PSDA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Hydrolyzed PSDA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| NVHOS, Acid Form | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| R-EVE | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 UJ |
| Total Attachment C¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Table 3+ (17 compounds)^{2,3} | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Table 3+ (20 compounds)² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 11Cl-PF3OUdS | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 UJ | <4.0 UJ | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 |
| 6:2 Fluorotelomer sulfonate | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| 9Cl-PF3ONS | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| DONA | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| Perfluorobutane Sulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorobutanoic Acid | <5.0 UJ | <5.0 UJ | <2.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| Perfluorodecane Sulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptanoic Acid ¹ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexane Sulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorononanesulfonic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFOA | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFOS | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | EB | EB | EB | EB | EB | EB | EB | EB | EB | EB |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Sampling Event | September 2022 | September 2022 | September 2022 | September 2022 | September 2022 | November 2022 | November 2022 | November 2022 | December 2022 | December 2022 |
| Field Sample ID | STW-LOC-EB-DR-091122 | STW-LOC-EB-IS-091122 | STW-LOC-EB-DR-091422 | STW-LOC-EB-IS-091422 | STW-LOC-EB-IS-093022 | STW-LOC-EB-IS-111122 | STW-LOC-EB-DR-113022 | STW-LOC-EB-IS-113022 | STW-LOC-EB-DR-120122 | STW-LOC-EB-IS-120122 |
| Date Sampled | 09/11/2022 | 09/11/2022 | 09/14/2022 | 09/14/2022 | 09/30/2022 | 11/11/2022 | 11/30/2022 | 11/30/2022 | 12/01/2022 | 12/01/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFMOAA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO2HxA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO3OA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PMPA | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| PEPA | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-PSDA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydrolyzed PSDA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-EVE | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Table 3+ (17 compounds)^{2,3} | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Table 3+ (20 compounds)² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 11Cl-PF3OUdS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| 9Cl-PF3ONS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| DONA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| Perfluorobutane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorobutanoic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorononanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoropentanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFOA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFOS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | EB | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK |
|--|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Sampling Event | December 2022 | February 2021 | February 2021 | April/May 2021 | April/May 2021 | April/May 2021 | June 2021 | August 2021 | August 2021 | September 2021 |
| Field Sample ID | STW-LOC-EB-IS-121522 | STW-LOC-FB-021821 | STW-LOC-FB-021921 | STW-LOC-FB-042621 | STW-LOC-FB-042921 | STW-LOC-FB-050421 | STW-LOC-FB-061821 | STW-LOC-FB-081721 | STW-LOC-FB-082321 | STW-LOC-FB-092121 |
| Date Sampled | 12/15/2022 | 02/18/2021 | 02/19/2021 | 04/26/2021 | 04/29/2021 | 05/04/2021 | 06/18/2021 | 08/17/2021 | 08/23/2021 | 09/21/2021 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | Equipment Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | <2.0 | <4.0 | <4.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFMOAA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO2HxA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO3OA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PMPA | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| PEPA | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-PSDA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydrolyzed PSDA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-PSDCA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-EVE | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Table 3+ (17 compounds)^{2,3} | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Table 3+ (20 compounds)² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| 11Cl-PF3OUds | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 | <4.0 | <4.0 UJ | <4.0 UJ | <4.0 UJ | <4.0 UJ | -- | -- | -- |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 UJ | -- | -- | -- |
| 9Cl-PF3ONS | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| DONA | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 UJ | -- | -- | -- |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 UJ | -- | -- | -- |
| Perfluorobutane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| Perfluorobutanoic Acid | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 UJ | <5.0 UJ |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorohexane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| Perfluorohexanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| Perfluorononanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |
| Perfluoropentanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| PFOA | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ |
| PFOS | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 UJ | -- | -- | -- |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Sampling Event | September 2021 | September 2021 | December 2021 | December 2021 | December 2021 | January 2022 | January 2022 | April 2022 | April 2022 | May 2022 |
| Field Sample ID | STW-LOC-FB-092321 | STW-LOC-FB-092421 | STW-LOC-FB-120821 | STW-LOC-FB-120921 | STW-LOC-FB-121021 | STW-LOC-FB-011622 | STW-LOC-FB-011922 | STW-LOC-FB-040522 | STW-LOC-FB-040622 | STW-LOC-FB-052722 |
| Date Sampled | 09/23/2021 | 09/24/2021 | 12/08/2021 | 12/09/2021 | 12/10/2021 | 01/16/2022 | 01/19/2022 | 04/05/2022 | 04/06/2022 | 05/27/2022 |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America |
| QA/QC | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank |
| Table 3+ SOP (ng/L) | | | | | | | | | | |
| Hfpo Dimer Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFMOAA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO2HxA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO3OA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO4DA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO5DA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PMPA | <10 | <10 | <10 UJ | <10 UJ | <10 UJ | <10 | <10 | <10 | <10 | <10 |
| PEPA | <20 | <20 | <20 UJ | <20 UJ | <20 UJ | <20 | <20 | <20 | <20 | <20 |
| PS Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-PSDA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydrolyzed PSDA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-PSDCA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| NVHOS, Acid Form | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| EVE Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| R-EVE | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA B | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Total Attachment C¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Table 3+ (17 compounds)^{2,3} | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Table 3+ (20 compounds)² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Other PFAS (ng/L) | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| 11Cl-PF3OUdS | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | -- | -- | <4.0 UJ | <4.0 | <4.0 UJ | <4.0 UJ | <4.0 |
| 6:2 Fluorotelomer sulfonate | -- | -- | -- | -- | -- | <5.0 UJ | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 |
| 9Cl-PF3ONS | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| DONA | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | -- | -- | -- | <5.0 UJ | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | -- | -- | -- | -- | -- | <5.0 UJ | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 |
| Perfluorobutane Sulfonic Acid | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorobutanoic Acid | <5.0 UJ | <5.0 UJ | <5.0 | <5.0 | <5.0 | <5.0 UJ | <5.0 | <5.0 UJ | <5.0 UJ | <5.0 |
| Perfluorodecane Sulfonic Acid | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorodecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorododecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorohexane Sulfonic Acid | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorohexanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorononanesulfonic Acid | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorononanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorooctane Sulfonamide | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoropentanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorotetradecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluorotridecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| Perfluoroundecanoic Acid | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| PFOA | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |
| PFOS | -- | -- | -- | -- | -- | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 |

TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina

| Location ID | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| Sampling Event | May 2022 | July 2022 | July 2022 | August 2022 | September 2022 | September 2022 | September 2022 | September 2022 | November 2022 | November 2022 | December 2022 |
| Field Sample ID | STW-LOC-FB-053122 | STW-LOC-FB-071522 | STW-LOC-FB-071822 | STW-LOC-FB-081222 | STW-LOC-FB-091122 | STW-LOC-FB-091422 | STW-LOC-FB-093022 | STW-LOC-FB-111122 | STW-LOC-FB-113022 | STW-LOC-FB-120122 | |
| Date Sampled | 05/31/2022 | 07/15/2022 | 07/18/2022 | 08/12/2022 | 09/11/2022 | 09/14/2022 | 09/30/2022 | 11/11/2022 | 11/30/2022 | 12/01/2022 | |
| Analytical Laboratory | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | Test America | |
| QA/QC | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | |
| Table 3+ SOP (ng/L) | | | | | | | | | | | |
| Hfpo Dimer Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <4.0 | <4.0 | <4.0 | <2.0 | <2.0 | <2.0 | |
| PFMOAA | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| PFO2HxA | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| PFO3OA | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| PFO4DA | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| PFO5DA | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| PMPA | <10 | <10 UJ | <10 | <10 UJ | <10 | <10 | <10 | <10 | <10 | <10 | |
| PEPA | <20 | <20 UJ | <20 | <20 UJ | <20 | <20 | <20 | <20 | <20 | <20 | |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Hydro-PS Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| R-PSDA | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Hydrolyzed PSDA | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| R-PSDCA | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| NVHOS, Acid Form | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| EVE Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Hydro-EVE Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| R-EVE | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| PFECA B | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| PFECA-G | <2.0 | <2.0 UJ | <2.0 | <2.0 UJ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Total Attachment C¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| Total Table 3+ (17 compounds)^{2,3} | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| Total Table 3+ (20 compounds)² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| Other PFAS (ng/L) | | | | | | | | | | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| 11Cl-PF3OUdS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | |
| 9Cl-PF3ONS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| DONA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | |
| Perfluorobutane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluorobutanoic Acid | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluorodecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluorododecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluorohexane Sulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluorohexanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluorononanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluorooctadecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluoropentanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluorotridecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| Perfluoroundecanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| PFOA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |
| PFOS | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | |

**TABLE A1
ANALYTICAL RESULTS - 2021 THROUGH 2022
Chemours Fayetteville Works, North Carolina**

| Location ID | FBLK | FBLK |
|--|-------------------|-------------------|
| Sampling Event | December 2022 | December 2022 |
| Field Sample ID | STW-LOC-FB-120222 | STW-LOC-FB-121522 |
| Date Sampled | 12/02/2022 | 12/15/2022 |
| Analytical Laboratory | Test America | Test America |
| QA/QC | Field Blank | Field Blank |
| Table 3+ SOP (ng/L) | | |
| Hfpo Dimer Acid | <2.0 | <2.0 |
| PFMOAA | <2.0 | <2.0 |
| PFO2HxA | <2.0 | <2.0 |
| PFO3OA | <2.0 | <2.0 |
| PFO4DA | <2.0 | <2.0 |
| PFO5DA | <2.0 | <2.0 |
| PMPA | <10 | <10 |
| PEPA | <20 | <20 |
| PS Acid | <2.0 | <2.0 |
| Hydro-PS Acid | <2.0 | <2.0 |
| R-PSDA | <2.0 | <2.0 |
| Hydrolyzed PSDA | <2.0 | <2.0 |
| R-PSDCA | <2.0 | <2.0 |
| NVHOS, Acid Form | <2.0 | <2.0 |
| EVE Acid | <2.0 | <2.0 |
| Hydro-EVE Acid | <2.0 | <2.0 |
| R-EVE | <2.0 | <2.0 |
| Perfluoro(2-ethoxyethane)sulfonic Acid | <2.0 | <2.0 |
| PFECA-B | <2.0 | <2.0 |
| PFECA-G | <2.0 | <2.0 |
| Total Attachment C¹ | ND | ND |
| Total Table 3+ (17 compounds)^{2,3} | ND | ND |
| Total Table 3+ (20 compounds)² | ND | ND |
| Other PFAS (ng/L) | | |
| 10:2 Fluorotelomer sulfonate | <2.0 | <2.0 |
| 11Cl-PF3OUdS | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS) | <2.0 | <2.0 |
| 1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS) | <2.0 | <2.0 |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | <2.0 | <2.0 |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | <4.0 | <4.0 |
| 6:2 Fluorotelomer sulfonate | <5.0 | <5.0 |
| 9Cl-PF3ONS | <2.0 | <2.0 |
| DONA | <2.0 | <2.0 |
| N-Ethyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 |
| N-ethylperfluoro-1-octanesulfonamide | <2.0 | <2.0 |
| N-methyl perfluoro-1-octanesulfonamide | <2.0 | <2.0 |
| N-Methyl Perfluorooctane Sulfonamidoacetic Acid | <5.0 | <5.0 |
| Perfluorobutane Sulfonic Acid | <2.0 | <2.0 |
| Perfluorobutanoic Acid | <5.0 | <5.0 |
| Perfluorodecane Sulfonic Acid | <2.0 | <2.0 |
| Perfluorodecanoic Acid | <2.0 | <2.0 |
| Perfluorododecane Sulfonic Acid (PFDoS) | <2.0 | <2.0 |
| Perfluorododecanoic Acid | <2.0 | <2.0 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | <2.0 | <2.0 |
| Perfluoroheptanoic Acid ¹ | <2.0 | <2.0 |
| Perfluorohexadecanoic Acid (PFHxDA) | <2.0 | <2.0 |
| Perfluorohexane Sulfonic Acid | <2.0 | <2.0 |
| Perfluorohexanoic Acid | <2.0 | <2.0 |
| Perfluorononanesulfonic Acid | <2.0 | <2.0 |
| Perfluorononanoic Acid | <2.0 | <2.0 |
| Perfluorooctadecanoic Acid | <2.0 UJ | <2.0 |
| Perfluorooctane Sulfonamide | <2.0 | <2.0 |
| Perfluoropentane Sulfonic Acid (PFPeS) | <2.0 | <2.0 |
| Perfluoropentanoic Acid | <2.0 | <2.0 |
| Perfluorotetradecanoic Acid | <2.0 | <2.0 |
| Perfluorotridecanoic Acid | <2.0 | <2.0 |
| Perfluoroundecanoic Acid | <2.0 | <2.0 |
| PFOA | <2.0 | <2.0 |
| PFOS | <2.0 | <2.0 |

Notes:

1 - Perfluoroheptanoic acid is not included in the calculation of Total Table 3+ (17 Compounds) or Total Table 3+ (20 Compounds).

2 - 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.

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

Bold - Analyte detected above associated reporting limit.

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.

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.

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

Appendix B

Field Parameters – 2021 through 2022

TABLE B1
FIELD PARAMETERS - 2021 through 2022
Chemours Fayetteville Works, North Carolina

| Location | Sampling Method | pH | | | | | | | | | | | | | | | |
|----------|--------------------|---------------|----------------|-----------|-------------|----------------|---------------|--------------|------------|----------|-----------|-------------|----------------|---------------------|--------------------|------------------------|--------------------|
| | | February 2021 | April/May 2021 | June 2021 | August 2021 | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | August 2022 | September 2022 | September Mini 2022 | November Mini 2022 | November/December 2022 | December Mini 2022 |
| 1 | Temporal Composite | 8.2 | 7.4 | 7.6 | 7.6 | 7.7 | 7.8 | 7.0 | 7.0 | 6.9 | 7.5 | 7.1 | 7.7 | 7.5 | 7.1 | 7.7 | 8.0 |
| 2 | Temporal Composite | 8.2 | NS | NS | 6.2 | 7.3 | 7.7 | NS | 6.9 | 6.5 | 7.9 | NS | 7.1 | 8.0 | NS | 8.6 | NS |
| 3 | Temporal Composite | 7.6 | NS | NS | 6.3 | 6.6 | 7.4 | 6.5 | 6.9 | 3.6 | 7.8 | NS | 8.0 | 8.0 | NS | 8.2 | NS |
| 4 | Temporal Composite | 7.4 | NS | NS | 6.3 | 6.0 | 8.4 | NS | 6.9 | 6.1 | 7.9 | 6.5 | 8.2 | 7.9 | NS | 8.5 | NS |
| 5 | Temporal Composite | 7.9 | NS | NS | 6.5 | 7.1 | 8.5 | 6.6 | 6.9 | 7.3 | 8.2 | 7.1 | 8.0 | 7.8 | NS | 8.7 | NS |
| 6A | Grab | 7.8 | 7.2 | 8.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 6B | Grab | 6.8 | 8.3 | -- | 7.2 | 7.4 | 8.1 | NS | 6.2 | 6.5 | 8.4 | NS | 7.6 | NS | NS | 6.1 | NS |
| 7A | Temporal Composite | 7.6 | 7.9 | 8.0 | 7.2 | 7.4 | 7.1 | 7.3 | 6.6 | 7.3 | 8.0 | NS | 7.8 | NS | NS | 7.5 | NS |
| 7B | Temporal Composite | 6.9 | 7.7 | 8.0 | 7.2 | 7.4 | 7.3 | 7.1 | 7.2 | 7.3 | 7.9 | NS | 7.3 | NS | NS | 7.6 | NS |
| 7C | Temporal Composite | 7.2 | 7.8 | 8.2 | 7.0 | 7.3 | 7.1 | 6.7 | 7.1 | 7.3 | 7.9 | NS | 7.3 | NS | NS | 7.4 | NS |
| 8 | Temporal Composite | 7.6 | 7.9 | 7.9 | 8.0 | 8.5 | 8.5 | 7.9 | 6.5 | 5.9 | 8.4 | NS | 6.4 | NS | NS | 8.0 | NS |
| 9 | Temporal Composite | 7.7 | 7.7 | NS | 6.7 | 7.2 | 7.4 | 7.3 | 7.1 | 7.1 | 8.3 | NS | 7.7 | NS | NS | 7.7 | NS |
| 9A | Grab | NS | NS | NS | 7.1 | 7.6 | 7.9 | 7.2 | 6.2 | 5.6 | 6.3 | NS | 7.2 | NS | NS | 6.9 | NS |
| 10 | Temporal Composite | 7.8 | NS | NS | -- | -- | -- | NS | NS | NS | NS | 7.2 | NS | NS | 7.0 | NS | 8.0 |
| 10A | Temporal Composite | 8.2 | 7.4 | NS | 7.1 | 6.8 | 7.8 | 7.4 | 7.0 | 7.0 | 7.5 | NS | 7.7 | NS | NS | 7.7 | 7.8 |
| 11 | Temporal Composite | 8.2 | NS | NS | -- | 6.6 | 7.2 | 5.9 | -- | NS | 7.2 | NS | 7.4 | NS | 7.0 | 7.3 | NS |
| 12 | Temporal Composite | 7.9 | 9.4 | -- | 7.3 | 7.0 | 8.0 | 6.2 | 7.0 | 7.6 | 7.0 | NS | 7.7 | NS | NS | 7.5 | NS |
| 13 | Temporal Composite | 7.2 | NS | NS | 7.1 | 7.4 | 7.1 | 6.5 | 7.0 | 7.7 | 7.1 | 6.7 | 7.8 | 7.9 | NS | 7.6 | NS |
| 14 | Temporal Composite | 7.8 | 9.2 | 9.7 | 7.7 | 7.5 | 8.2 | NS | 7.4 | 7.5 | 7.8 | NS | 7.7 | NS | NS | 7.7 | NS |
| 15 | Temporal Composite | 7.1 | 7.7 | 7.9 | 7.4 | 7.4 | 7.1 | 7.0 | 7.1 | 7.3 | 6.7 | NS | 6.9 | NS | NS | 7.6 | NS |
| 18 | Temporal Composite | 9.3 | 6.7 | 7.3 | 9.2 | 9.0 | 9.3 | 10.3 | 7.7 | 6.7 | 7.0 | NS | 7.6 | NS | NS | 9.5 | NS |
| 19A | Grab | 7.8 | 4.3 | 7.6 | 8.4 | 7.2 | 8.3 | 7.9 | 7.0 | 5.0 | 6.8 | NS | 7.6 | NS | NS | 7.7 | NS |
| 19B | Grab | 7.3 | 8.4 | 7.6 | 8.0 | 7.1 | 8.0 | 7.9 | 6.8 | 6.1 | 7.2 | NS | 7.2 | NS | NS | 7.5 | NS |
| 20 | Temporal Composite | 7.4 | 8.3 | 8.3 | 6.5 | 7.4 | 7.2 | -- | 7.1 | 7.5 | 7.4 | NS | 7.1 | NS | NS | 7.5 | NS |
| 21A | Grab | 7.1 | 8.0 | 7.5 | 7.1 | -- | -- | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 21B | Grab | NS | NS | NS | -- | 7.8 | 8.1 | 7.1 | 6.7 | 6.8 | 7.3 | NS | 7.7 | NS | NS | 7.4 | NS |
| 22 | Temporal Composite | 11.1 | 9.0 | 8.8 | 9.4 | 9.3 | 9.4 | 8.2 | 10.1 | 6.7 | 10.0 | NS | 8.4 | NS | NS | 7.8 | NS |
| 23A | Temporal Composite | 7.7 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 23B | Grab | 7.5 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 23C-1 | Temporal Composite | NS | 7.3 | NS | 6.4 | 5.2 | 7.7 | 7.9 | 4.3 | 4.1 | 4.9 | NS | 4.1 | NS | NS | 5.0 | NS |
| 23C-2 | Temporal Composite | NS | 8.3 | 7.8 | 7.7 | 7.2 | 7.1 | 7.9 | 6.1 | 7.1 | 7.1 | NS | 7.1 | NS | NS | 8.8 | NS |
| 23C-3 | Temporal Composite | NS | 7.4 | 7.8 | 8.0 | 8.2 | 9.6 | 9.5 | 5.3 | 6.7 | 6.9 | NS | 5.1 | NS | NS | 8.6 | NS |
| 24A | Grab | 7.3 | 8.6 | 7.7 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 24B | Grab | 8.3 | 5.6 | 7.6 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 24C | Grab | 7.5 | 8.6 | 7.8 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |

Notes:

°C - degrees Celsius
 mg/L - milligrams per liter
 mS/cm - milliSiemens per centimeter
 mV - millivolt
 NTU - nephelometric turbidity units
 ORP - oxidation reduction potential
 NS - Location was not sampled
 -- - Field parameter not recorded
 Field parameters for the temporal composite samples were collected during sampling directly from the water stream only.

TABLE B1
FIELD PARAMETERS - 2021 through 2022
Chemours Fayetteville Works, North Carolina

| Location | Sampling Method | Temperature (°C) | | | | | | | | | | | | | | | |
|----------|--------------------|------------------|----------------|-----------|-------------|----------------|---------------|--------------|------------|----------|-----------|-------------|----------------|---------------------|--------------------|------------------------|--------------------|
| | | February 2021 | April/May 2021 | June 2021 | August 2021 | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | August 2022 | September 2022 | September Mini 2022 | November Mini 2022 | November/December 2022 | December Mini 2022 |
| 1 | Temporal Composite | 7.5 | 27.3 | 27.4 | 29.9 | 24.8 | 15.4 | 13.5 | 17.8 | 23.6 | 24.6 | 24.5 | 27.4 | 18.9 | 22.8 | 14.9 | 10.9 |
| 2 | Temporal Composite | 3.9 | NS | NS | 24.8 | 24.7 | 16.5 | NS | 19.4 | 23.6 | 23.6 | NS | 26.7 | 18.8 | NS | 15.6 | NS |
| 3 | Temporal Composite | 3.7 | NS | NS | 25.5 | 24.9 | 16.0 | 10.4 | 19.0 | 24.3 | 23.3 | NS | 27.1 | 18.9 | NS | 15.5 | NS |
| 4 | Temporal Composite | 3.7 | NS | NS | 26.0 | 24.8 | 14.4 | NS | 18.3 | 24.2 | 24.2 | 22.9 | 27.7 | 18.9 | NS | 14.8 | NS |
| 5 | Temporal Composite | 3.2 | NS | NS | 25.8 | 24.2 | 14.7 | 6.9 | 18.6 | 23.3 | 25.9 | 23.6 | 27.7 | 18.7 | NS | 15.6 | NS |
| 6A | Grab | 7.2 | 29.7 | 29.8 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 6B | Grab | 57.8 | 35.5 | -- | 54.0 | 48.8 | 54.5 | NS | 74.2 | 51.4 | 17.5 | NS | 14.7 | NS | NS | 14.8 | NS |
| 7A | Temporal Composite | 5.0 | 28.9 | 31.2 | 28.6 | 24.8 | 9.8 | 14.6 | 17.5 | 24.5 | 27.9 | NS | 28.4 | NS | NS | 16.1 | NS |
| 7B | Temporal Composite | 4.4 | 29.5 | 30.8 | 27.7 | 24.9 | 9.8 | 9.1 | 17.2 | 24.1 | 27.8 | NS | 27.4 | NS | NS | 15.6 | NS |
| 7C | Temporal Composite | 6.1 | 30.1 | 30.7 | 30.0 | 24.9 | 10.5 | 6.9 | 18.1 | 24.8 | 28.3 | NS | 27.7 | NS | NS | 16.1 | NS |
| 8 | Temporal Composite | 9.4 | 27.1 | 21.7 | 20.5 | 26.9 | 14.3 | 11.6 | 25.1 | 33.5 | 33.0 | NS | 26.9 | NS | NS | 17.5 | NS |
| 9 | Temporal Composite | 8.7 | 30.3 | NS | 28.0 | 24.9 | 18.3 | 16.0 | 21.6 | 25.7 | 28.2 | NS | 28.1 | NS | NS | 19.7 | NS |
| 9A | Grab | NS | NS | NS | 31.6 | 29.0 | 19.4 | 17.6 | 25.8 | 32.8 | 28.6 | NS | 28.1 | NS | NS | 21.5 | NS |
| 10 | Temporal Composite | 4.9 | NS | NS | -- | -- | -- | NS | NS | NS | NS | 23.6 | NS | NS | 26.8 | NS | 10.3 |
| 10A | Temporal Composite | 11.7 | 29.8 | NS | 29.6 | 25.1 | 17.2 | 14.8 | 22.6 | 26.9 | 27.0 | NS | 181.0 | NS | NS | 18.2 | 10.4 |
| 11 | Temporal Composite | 5.4 | NS | NS | -- | 25.0 | 15.4 | 6.7 | -- | NS | 23.6 | NS | 27.6 | NS | 23.6 | 15.3 | NS |
| 12 | Temporal Composite | 7.9 | 30.8 | -- | 29.0 | 24.6 | 16.1 | 7.2 | 18.9 | 27.0 | 25.8 | NS | 28.9 | NS | NS | 15.1 | NS |
| 13 | Temporal Composite | 5.2 | NS | NS | 29.6 | 24.7 | 13.4 | 7.9 | 18.6 | 27.3 | 27.8 | 26.0 | 27.5 | 18.6 | NS | 16.5 | NS |
| 14 | Temporal Composite | 15.0 | 36.5 | 30.1 | 34.3 | 25.0 | 21.9 | NS | 19.1 | 31.4 | 27.0 | NS | 28.6 | NS | NS | 16.2 | NS |
| 15 | Temporal Composite | 5.5 | 31.2 | 31.4 | 30.0 | 24.5 | 9.6 | 7.4 | 19.8 | 26.4 | 28.1 | NS | 28.1 | NS | NS | 16.2 | NS |
| 18 | Temporal Composite | 8.9 | 29.4 | 26.7 | 27.9 | 28.3 | 18.9 | 18.7 | 26.7 | 31.7 | 32.0 | NS | 27.4 | NS | NS | 19.2 | NS |
| 19A | Grab | 30.7 | 37.7 | 37.6 | 29.0 | 37.2 | 29.5 | 9.5 | 25.2 | 33.0 | 31.3 | NS | 24.8 | NS | NS | 33.1 | NS |
| 19B | Grab | 28.6 | 38.7 | 33.8 | 38.2 | 28.2 | 32.0 | 26.1 | 25.5 | 32.2 | 29.1 | NS | 35.2 | NS | NS | 20.1 | NS |
| 20 | Temporal Composite | 6.5 | 29.5 | 30.3 | 28.1 | 24.6 | 12.8 | -- | 18.2 | 25.1 | 28.3 | NS | 27.5 | NS | NS | 16.8 | NS |
| 21A | Grab | 3.7 | 28.2 | 34.2 | 31.9 | -- | -- | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 21B | Grab | NS | NS | NS | -- | 26.6 | 11.4 | 12.5 | 19.3 | 24.4 | 26.6 | NS | 15.1 | NS | NS | 15.4 | NS |
| 22 | Temporal Composite | 11.8 | 31.7 | 30.3 | 30.4 | 30.4 | 23.3 | 15.3 | 24.5 | 35.2 | 33.0 | NS | 28.7 | NS | NS | 20.4 | NS |
| 23A | Temporal Composite | 10.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 23B | Grab | 12.8 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 23C-1 | Temporal Composite | NS | 28.2 | NS | 33.1 | 29.1 | 16.9 | 16.5 | 26.0 | 32.1 | 32.5 | NS | 25.1 | NS | NS | 17.6 | NS |
| 23C-2 | Temporal Composite | NS | 31.6 | 31.6 | 33.1 | 31.1 | 20.1 | 20.6 | 30.4 | 33.9 | 33.6 | NS | 33.4 | NS | NS | 21.6 | NS |
| 23C-3 | Temporal Composite | NS | 25.0 | 30.4 | 30.3 | 29.0 | 17.3 | 21.0 | 26.6 | 31.0 | 31.9 | NS | 28.0 | NS | NS | 23.1 | NS |
| 24A | Grab | 11.3 | 25.4 | 26.7 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 24B | Grab | 9.1 | 23.5 | 34.8 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 24C | Grab | 17.2 | 25.4 | 35.5 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |

Notes:

°C - degrees Celsius
 mg/L - milligrams per liter
 mS/cm - milliSiemens per centimeter
 mV - millivolt
 NTU - nephelometric turbidity units
 ORP - oxidation reduction potential
 NS - Location was not sampled
 -- - Field parameter not recorded
 Field parameters for the temporal composite samples were collected during sampling directly from the water stream only.

TABLE B1
FIELD PARAMETERS - 2021 through 2022
Chemours Fayetteville Works, North Carolina

| Location | Sampling Method | Specific Conductivity (mS/cm) | | | | | | | | | | | | | | | |
|----------|--------------------|-------------------------------|----------------|-----------|-------------|----------------|---------------|--------------|------------|----------|-----------|-------------|----------------|---------------------|--------------------|------------------------|--------------------|
| | | February 2021 | April/May 2021 | June 2021 | August 2021 | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | August 2022 | September 2022 | September Mini 2022 | November Mini 2022 | November/December 2022 | December Mini 2022 |
| 1 | Temporal Composite | 0.06 | 0.10 | 0.14 | 0.14 | 0.13 | 0.19 | 0.10 | 0.16 | 0.10 | 0.14 | 0.23 | 0.17 | 0.22 | 0.15 | 0.23 | 0.23 |
| 2 | Temporal Composite | 0.06 | NS | NS | 0.02 | 0.07 | 0.03 | NS | 0.10 | 0.07 | -- | NS | 0.02 | 0.03 | NS | 0.04 | NS |
| 3 | Temporal Composite | 0.12 | NS | NS | 0.03 | 0.06 | 0.08 | 0.35 | 0.18 | 0.14 | -- | NS | 0.07 | 0.04 | NS | 0.03 | NS |
| 4 | Temporal Composite | 0.02 | NS | NS | 0.02 | 0.06 | 0.02 | NS | 0.13 | 0.15 | -- | 0.05 | 0.04 | 0.04 | NS | 0.02 | NS |
| 5 | Temporal Composite | 0.05 | NS | NS | 0.02 | 0.48 | 0.06 | 0.04 | 0.07 | 0.04 | -- | 0.03 | 0.04 | 0.07 | NS | 0.98 | NS |
| 6A | Grab | 0.07 | 0.12 | 0.14 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 6B | Grab | 0.02 | 0.21 | -- | 0.01 | 0.01 | 0.19 | NS | 0.00 | 0.10 | 0.06 | NS | 0.36 | NS | NS | 0.14 | NS |
| 7A | Temporal Composite | 0.04 | 0.10 | 0.15 | 0.12 | 0.06 | 0.10 | 0.12 | 0.10 | 0.09 | 0.19 | NS | 0.17 | NS | NS | 0.21 | NS |
| 7B | Temporal Composite | 0.10 | 0.12 | 0.19 | 0.17 | 0.08 | 0.12 | 0.22 | 0.13 | 0.16 | 0.13 | NS | 0.24 | NS | NS | 0.25 | NS |
| 7C | Temporal Composite | 0.07 | 0.11 | 0.34 | 0.14 | 0.11 | 0.15 | 0.18 | 0.11 | 0.14 | 0.22 | NS | 0.22 | NS | NS | 0.22 | NS |
| 8 | Temporal Composite | 0.94 | 0.72 | 1.02 | 1.14 | 0.00 | 1.12 | 1.87 | 1.57 | 2.91 | 1.65 | NS | 2.03 | NS | NS | 1.38 | NS |
| 9 | Temporal Composite | 0.09 | 0.11 | | 0.13 | 0.11 | 0.17 | 0.11 | 0.12 | 0.10 | 0.15 | NS | 0.19 | NS | NS | 0.23 | NS |
| 9A | Grab | NS | NS | NS | 0.14 | 0.15 | 0.21 | 0.11 | 0.16 | 2.59 | 0.13 | NS | 0.24 | NS | NS | 0.14 | NS |
| 10 | Temporal Composite | 0.02 | NS | NS | -- | -- | -- | NS | NS | NS | NS | 0.16 | NS | NS | 0.16 | NS | 0.71 |
| 10A | Temporal Composite | 0.20 | 0.11 | NS | 0.14 | 0.11 | 1.77 | 0.13 | 0.13 | 0.10 | 0.20 | NS | 0.18 | NS | NS | 0.22 | 1.16 |
| 11 | Temporal Composite | 0.06 | NS | NS | -- | 0.02 | 0.10 | 0.04 | -- | NS | 0.05 | NS | 0.07 | NS | 0.23 | 0.22 | NS |
| 12 | Temporal Composite | 0.10 | 0.20 | -- | 0.19 | 0.09 | 0.08 | 0.02 | 0.53 | 0.19 | 0.11 | NS | 0.19 | NS | NS | 0.22 | NS |
| 13 | Temporal Composite | 0.01 | NS | NS | 0.14 | 0.01 | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.03 | 0.02 | 0.13 | NS | 0.04 | NS |
| 14 | Temporal Composite | 0.14 | 0.17 | 0.25 | 0.19 | 0.03 | 0.41 | NS | 0.08 | 0.19 | 0.25 | NS | 0.03 | NS | NS | 0.07 | NS |
| 15 | Temporal Composite | 0.04 | 0.09 | 0.19 | 0.12 | 0.08 | 0.11 | 0.10 | 0.11 | 0.10 | 0.14 | NS | 0.16 | NS | NS | 0.22 | NS |
| 18 | Temporal Composite | 0.10 | 0.09 | 0.14 | 0.12 | 0.17 | 0.16 | 0.11 | 0.08 | 0.18 | 0.07 | NS | 0.10 | NS | NS | 1.54 | NS |
| 19A | Grab | 0.08 | 1.45 | 0.08 | 0.19 | 0.09 | 0.37 | 0.01 | 0.16 | 4.51 | 0.17 | NS | 0.20 | NS | NS | 0.12 | NS |
| 19B | Grab | 0.09 | 0.30 | 0.18 | 0.09 | 0.14 | 0.15 | 0.12 | 0.09 | 1.40 | 0.20 | NS | 0.10 | NS | NS | 0.05 | NS |
| 20 | Temporal Composite | 0.06 | 0.10 | 0.19 | 0.16 | 0.09 | 0.11 | -- | 0.11 | 0.12 | 0.19 | NS | 0.21 | NS | NS | 0.22 | NS |
| 21A | Grab | 0.10 | 0.32 | 0.18 | 0.18 | -- | -- | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 21B | Grab | NS | NS | NS | -- | 0.16 | 0.20 | 0.16 | 0.23 | 0.11 | 0.16 | NS | 0.17 | NS | NS | 0.20 | NS |
| 22 | Temporal Composite | 0.47 | 0.13 | 0.25 | 0.26 | 0.00 | 0.36 | 0.25 | 0.39 | 0.38 | 0.22 | NS | 0.21 | NS | NS | 0.66 | NS |
| 23A | Temporal Composite | 0.14 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 23B | Grab | 0.12 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 23C-1 | Temporal Composite | NS | 0.14 | NS | 0.11 | 0.20 | 0.22 | 0.17 | 0.31 | 1.08 | 0.23 | NS | 2.45 | NS | NS | 0.23 | NS |
| 23C-2 | Temporal Composite | NS | 0.41 | 0.17 | 0.17 | 0.17 | 0.20 | 0.17 | 0.13 | 0.26 | 0.18 | NS | 0.15 | NS | NS | 1.19 | NS |
| 23C-3 | Temporal Composite | NS | 0.13 | 0.13 | 0.14 | 0.14 | 0.47 | 0.10 | 0.20 | 0.22 | 0.11 | NS | 0.11 | NS | NS | 0.25 | NS |
| 24A | Grab | 0.08 | 1.98 | 0.12 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 24B | Grab | 0.16 | 1.68 | 0.17 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 24C | Grab | 0.17 | 0.51 | 0.17 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |

Notes:

°C - degrees Celsius

mg/L - milligrams per liter

mS/cm - milliSiemens per centimeter

mV - millivolt

NTU - nephelometric turbidity units

ORP - oxidation reduction potential

NS - Location was not sampled

-- - Field parameter not recorded

Field parameters for the temporal composite samples were collected during sampling directly from the water stream only.

TABLE B1
FIELD PARAMETERS - 2021 through 2022
Chemours Fayetteville Works, North Carolina

| Location | Sampling Method | Dissolved Oxygen (mg/L) | | | | | | | | | | | | | | | |
|----------|--------------------|-------------------------|----------------|-----------|-------------|----------------|---------------|--------------|------------|----------|-----------|-------------|----------------|---------------------|--------------------|------------------------|--------------------|
| | | February 2021 | April/May 2021 | June 2021 | August 2021 | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | August 2022 | September 2022 | September Mini 2022 | November Mini 2022 | November/December 2022 | December Mini 2022 |
| 1 | Temporal Composite | 10.5 | 7.5 | 6.9 | 7.1 | 7.3 | 9.2 | 10.6 | 8.2 | 8.4 | 5.3 | 7.4 | 6.9 | 9.0 | 8.2 | 11.1 | 11.2 |
| 2 | Temporal Composite | 11.3 | NS | NS | 7.5 | 7.6 | 9.4 | NS | 8.0 | 7.4 | 4.3 | NS | 6.8 | 8.8 | NS | 11.4 | NS |
| 3 | Temporal Composite | 12.8 | NS | NS | 7.8 | 7.8 | 9.4 | 9.7 | 8.2 | 7.7 | 4.9 | NS | 6.3 | 9.0 | NS | 11.3 | NS |
| 4 | Temporal Composite | 12.6 | NS | NS | 7.9 | 7.9 | 9.7 | NS | 8.2 | 7.3 | 7.0 | 6.6 | 6.9 | 8.8 | NS | 11.3 | NS |
| 5 | Temporal Composite | 12.5 | NS | NS | 8.0 | 7.8 | 9.4 | 11.1 | 8.1 | 8.0 | 7.1 | 7.8 | 7.0 | 8.9 | NS | 11.1 | NS |
| 6A | Grab | 11.3 | 7.0 | 7.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 6B | Grab | 2.6 | 3.0 | -- | 3.1 | 5.1 | 3.3 | NS | 3.2 | 2.7 | 1.9 | NS | 7.5 | NS | NS | 8.5 | NS |
| 7A | Temporal Composite | 11.7 | 7.1 | 6.6 | 6.9 | 7.4 | 11.4 | 10.9 | 8.5 | 7.8 | 6.7 | NS | 6.5 | NS | NS | 11.0 | NS |
| 7B | Temporal Composite | 11.8 | 8.0 | 7.1 | 6.8 | 7.4 | 10.5 | 10.8 | 9.3 | 7.7 | 7.9 | NS | 6.6 | NS | NS | 11.0 | NS |
| 7C | Temporal Composite | 11.6 | 7.5 | 6.8 | 6.8 | 7.4 | 10.4 | 11.4 | 8.6 | 7.7 | 7.2 | NS | 6.8 | NS | NS | 11.2 | NS |
| 8 | Temporal Composite | 9.7 | 8.5 | 7.1 | 7.3 | 7.2 | 9.4 | 10.2 | 7.8 | 6.7 | 6.4 | NS | 8.1 | NS | NS | 8.9 | NS |
| 9 | Temporal Composite | 10.4 | 6.7 | NS | 7.0 | 7.4 | 8.4 | 9.7 | 7.9 | 7.7 | 6.3 | NS | 6.9 | NS | NS | 10.0 | NS |
| 9A | Grab | NS | NS | NS | 6.6 | 6.7 | 8.6 | 9.3 | 7.6 | 6.3 | 6.0 | NS | 6.8 | NS | NS | 8.3 | NS |
| 10 | Temporal Composite | 11.0 | NS | NS | -- | -- | -- | NS | NS | NS | NS | 7.2 | NS | NS | 7.5 | NS | 9.5 |
| 10A | Temporal Composite | 9.6 | 8.6 | NS | 6.7 | 7.3 | 8.6 | 10.0 | 7.9 | 7.9 | 6.0 | NS | 7.0 | NS | NS | 10.2 | 4.5 |
| 11 | Temporal Composite | 11.6 | NS | NS | -- | 7.4 | 9.0 | 11.4 | -- | NS | 6.5 | NS | 6.4 | NS | 7.5 | 11.1 | NS |
| 12 | Temporal Composite | 10.1 | 8.9 | -- | 7.4 | 7.4 | 9.3 | 10.9 | 7.6 | 7.1 | 7.7 | NS | 6.6 | NS | NS | 10.4 | NS |
| 13 | Temporal Composite | 12.1 | NS | NS | 6.8 | 7.4 | 10.0 | 11.0 | 8.2 | 7.5 | 7.7 | 7.0 | 6.9 | 9.4 | NS | 10.8 | NS |
| 14 | Temporal Composite | 9.7 | 6.9 | 9.1 | 6.9 | 7.4 | 7.4 | NS | 8.1 | 6.9 | 8.0 | NS | 6.8 | NS | NS | 11.0 | NS |
| 15 | Temporal Composite | 11.8 | 6.9 | 6.6 | 6.7 | 7.4 | 10.2 | 11.2 | 8.1 | 7.4 | 7.1 | NS | 7.0 | NS | NS | 10.2 | NS |
| 18 | Temporal Composite | 9.3 | 6.6 | 4.7 | 6.3 | 6.8 | 7.2 | 7.5 | 7.4 | 5.9 | 5.1 | NS | 6.9 | NS | NS | 8.2 | NS |
| 19A | Grab | 4.4 | 1.8 | 5.4 | 6.2 | 6.0 | 5.6 | 10.0 | 7.0 | 6.2 | 6.1 | NS | 7.1 | NS | NS | 7.3 | NS |
| 19B | Grab | 6.6 | 5.5 | 6.2 | 6.0 | 7.8 | 6.9 | 6.5 | 3.9 | 6.5 | 6.5 | NS | 6.4 | NS | NS | 8.7 | NS |
| 20 | Temporal Composite | 11.3 | 8.0 | 7.8 | 6.9 | 7.4 | 10.0 | -- | 8.5 | 7.5 | 7.5 | NS | 7.1 | NS | NS | 10.7 | NS |
| 21A | Grab | 12.4 | 7.1 | 6.3 | 7.1 | -- | -- | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 21B | Grab | NS | NS | NS | -- | 8.9 | 10.2 | 10.6 | 8.6 | 8.1 | 6.8 | NS | 7.8 | NS | NS | 10.9 | NS |
| 22 | Temporal Composite | 9.3 | 5.6 | 5.5 | 6.0 | 6.2 | 7.0 | 8.2 | 6.8 | 5.6 | 5.7 | NS | 7.3 | NS | NS | 5.2 | NS |
| 23A | Temporal Composite | 9.3 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 23B | Grab | 9.5 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 23C-1 | Temporal Composite | NS | 7.7 | NS | 6.6 | 7.1 | 8.5 | 8.4 | 7.2 | 6.5 | 6.1 | NS | 3.9 | NS | NS | 8.8 | NS |
| 23C-2 | Temporal Composite | NS | 6.6 | 6.6 | 6.6 | 6.6 | 7.8 | 7.2 | 6.4 | 6.1 | 5.5 | NS | 6.3 | NS | NS | 4.3 | NS |
| 23C-3 | Temporal Composite | NS | 7.4 | 5.5 | 6.4 | 6.8 | 8.5 | 7.6 | 6.9 | 6.7 | 6.1 | NS | 7.7 | NS | NS | 7.7 | NS |
| 24A | Grab | 10.2 | 4.6 | 7.6 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 24B | Grab | 11.1 | 0.9 | 6.5 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 24C | Grab | 10.5 | 6.0 | 6.4 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |

Notes:

°C - degrees Celsius
 mg/L - milligrams per liter
 mS/cm - milliSiemens per centimeter
 mV - millivolt
 NTU - nephelometric turbidity units
 ORP - oxidation reduction potential
 NS - Location was not sampled
 -- - Field parameter not recorded
 Field parameters for the temporal composite samples were collected during sampling directly from the water stream only.

TABLE B1
FIELD PARAMETERS - 2021 through 2022
Chemours Fayetteville Works, North Carolina

| Location | Sampling Method | ORP (mV) | | | | | | | | | | | | | | | |
|----------|--------------------|---------------|----------------|-----------|-------------|----------------|---------------|--------------|------------|----------|-----------|-------------|----------------|---------------------|--------------------|------------------------|--------------------|
| | | February 2021 | April/May 2021 | June 2021 | August 2021 | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | August 2022 | September 2022 | September Mini 2022 | November Mini 2022 | November/December 2022 | December Mini 2022 |
| 1 | Temporal Composite | 36 | 129 | 108 | 442 | 104 | 92 | 136 | 171 | 143 | 79 | 404 | 138 | 8 | 75 | 39 | 43 |
| 2 | Temporal Composite | 46 | NS | NS | 183 | 76 | 100 | NS | 171 | 126 | 112 | NS | 154 | -11 | NS | -15 | NS |
| 3 | Temporal Composite | 75 | NS | NS | 198 | 97 | 131 | 117 | 179 | 202 | 130 | NS | 117 | -9 | NS | 5 | NS |
| 4 | Temporal Composite | 145 | NS | NS | 194 | 111 | 67 | NS | 172 | 158 | 51 | 78 | 129 | -23 | NS | -10 | NS |
| 5 | Temporal Composite | 185 | NS | NS | 190 | 123 | 41 | 143 | 177 | 115 | 20 | 62 | 123 | 4 | NS | -33 | NS |
| 6A | Grab | 208 | 133 | 50 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 6B | Grab | 87 | 21 | -- | 117 | 53 | 13 | NS | 104 | 70 | 68 | NS | 112 | NS | NS | 138 | NS |
| 7A | Temporal Composite | 62 | 40 | 76 | 178 | 110 | 157 | 146 | 340 | 156 | 4 | NS | 138 | NS | NS | 50 | NS |
| 7B | Temporal Composite | 104 | 108 | 72 | 187 | 107 | 88 | 96 | 318 | 162 | 42 | NS | 143 | NS | NS | 66 | NS |
| 7C | Temporal Composite | 105 | 129 | 58 | 200 | 114 | 147 | 144 | 470 | 155 | 32 | NS | 144 | NS | NS | 95 | NS |
| 8 | Temporal Composite | 82 | 40 | 101 | 138 | 106 | -14 | 139 | 88 | 141 | 17 | NS | -10 | NS | NS | 24 | NS |
| 9 | Temporal Composite | 94 | 97 | NS | 412 | 117 | 115 | 140 | 155 | 140 | 105 | NS | 140 | NS | NS | 40 | NS |
| 9A | Grab | NS | NS | NS | 222 | 125 | 53 | 155 | 153 | 117 | 128 | NS | 152 | NS | NS | 106 | NS |
| 10 | Temporal Composite | 83 | NS | NS | -- | -- | -- | NS | NS | NS | NS | -41 | NS | NS | 16 | NS | 37 |
| 10A | Temporal Composite | 30 | 13 | NS | 467 | 119 | 88 | 141 | 183 | 134 | 88 | NS | 161 | NS | NS | 44 | 10 |
| 11 | Temporal Composite | 70 | NS | NS | -- | 129 | 157 | 197 | -- | NS | 54 | NS | 149 | NS | 77 | 41 | NS |
| 12 | Temporal Composite | 78 | 47 | -- | 349 | 107 | 88 | 179 | 161 | 140 | 39 | NS | 146 | NS | NS | 34 | NS |
| 13 | Temporal Composite | 104 | NS | NS | 200 | 91 | 136 | 177 | 216 | 140 | 97 | 64 | 124 | 18 | NS | 59 | NS |
| 14 | Temporal Composite | 78 | 27 | 25 | 291 | 98 | 18 | NS | 165 | 144 | 57 | NS | 161 | NS | NS | 23 | NS |
| 15 | Temporal Composite | 104 | 129 | 62 | 209 | 113 | 110 | 112 | 374 | 161 | 137 | NS | 151 | NS | NS | 71 | NS |
| 18 | Temporal Composite | 51 | 188 | 14 | 48 | 58 | 12 | 39 | 57 | 126 | 32 | NS | 25 | NS | NS | -52 | NS |
| 19A | Grab | 65 | -11 | 31 | 9 | 106 | -21 | 115 | 129 | 144 | 11 | NS | 151 | NS | NS | 12 | NS |
| 19B | Grab | 73 | 41 | 42 | 32 | 118 | 10 | 124 | 146 | 141 | 93 | NS | 156 | NS | NS | 43 | NS |
| 20 | Temporal Composite | 101 | 109 | 36 | 153 | 99 | 127 | -- | 422 | 143 | 64 | NS | 151 | NS | NS | 87 | NS |
| 21A | Grab | 165 | 9 | 65 | 192 | -- | -- | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 21B | Grab | NS | NS | NS | -- | 105 | 10 | 154 | 151 | 179 | 110 | NS | 147 | NS | NS | 41 | NS |
| 22 | Temporal Composite | -6 | 59 | 29 | -27 | 94 | -88 | 108 | -1 | 28 | -112 | NS | -37 | NS | NS | 24 | NS |
| 23A | Temporal Composite | -3 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 23B | Grab | 90 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 23C-1 | Temporal Composite | NS | 136 | NS | 98 | 128 | -18 | 15 | 226 | 158 | 148 | NS | 108 | NS | NS | 137 | NS |
| 23C-2 | Temporal Composite | NS | -10 | 41 | 91 | 44 | -23 | 108 | 83 | 98 | 21 | NS | 30 | NS | NS | -23 | NS |
| 23C-3 | Temporal Composite | NS | 223 | -9 | 12 | -27 | 6 | 35 | 138 | 139 | 17 | NS | 116 | NS | NS | -32 | NS |
| 24A | Grab | 187 | -5 | 104 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 24B | Grab | 112 | 20 | 63 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 24C | Grab | 143 | 14 | 63 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |

Notes:

°C - degrees Celsius
 mg/L - milligrams per liter
 mS/cm - milliSiemens per centimeter
 mV - millivolt
 NTU - nephelometric turbidity units
 ORP - oxidation reduction potential
 NS - Location was not sampled
 -- - Field parameter not recorded
 Field parameters for the temporal composite samples were collected during sampling directly from the water stream only.

TABLE B1
FIELD PARAMETERS - 2021 through 2022
Chemours Fayetteville Works, North Carolina

| Location | Sampling Method | Turbidity (NTU) | | | | | | | | | | | | | | | |
|----------|--------------------|-----------------|----------------|-----------|-------------|----------------|---------------|--------------|------------|----------|-----------|-------------|----------------|---------------------|--------------------|------------------------|--------------------|
| | | February 2021 | April/May 2021 | June 2021 | August 2021 | September 2021 | December 2021 | January 2022 | April 2022 | May 2022 | July 2022 | August 2022 | September 2022 | September Mini 2022 | November Mini 2022 | November/December 2022 | December Mini 2022 |
| 1 | Temporal Composite | 118 | 11 | 9 | 9 | 6 | 6 | 31 | 29 | 50 | 11 | 19 | 2 | 46 | 116 | 28 | 32 |
| 2 | Temporal Composite | 19 | NS | NS | 4 | 14 | 10 | NS | 36 | 14 | 2 | NS | 45 | 12 | NS | 33 | NS |
| 3 | Temporal Composite | 11 | NS | NS | 106 | 3 | 23 | 4 | 124 | 76 | 7 | NS | 2 | 26 | NS | 8 | NS |
| 4 | Temporal Composite | 6 | NS | NS | 18 | 1 | 8 | NS | 36 | 18 | 3 | 36 | 3 | 2 | NS | 4 | NS |
| 5 | Temporal Composite | 109 | NS | NS | 32 | 49 | 28 | 24 | 97 | 21 | 6 | 83 | 46 | 5 | NS | 92 | NS |
| 6A | Grab | 88 | 5 | 26 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 6B | Grab | 9 | 0 | -- | 0 | 652 | 2 | NS | 4 | 1 | 3 | NS | 7 | NS | NS | 36 | NS |
| 7A | Temporal Composite | 104 | 9 | 9 | 22 | 40 | 12 | 30 | 34 | 24 | 13 | NS | 3 | NS | NS | 14 | NS |
| 7B | Temporal Composite | 118 | 11 | 9 | 11 | 22 | 34 | 20 | 50 | 20 | 15 | NS | 6 | NS | NS | 18 | NS |
| 7C | Temporal Composite | 98 | 11 | 17 | 13 | 19 | 12 | 17 | 44 | 27 | 15 | NS | 3 | NS | NS | 24 | NS |
| 8 | Temporal Composite | 2 | 147 | 6 | 3 | 2 | 1 | 2 | 2 | 3 | 14 | NS | 18 | NS | NS | 107 | NS |
| 9 | Temporal Composite | 127 | 10 | NS | 7 | 7 | 5 | 23 | 21 | 31 | 11 | NS | 3 | NS | NS | 7 | NS |
| 9A | Grab | NS | NS | NS | 11 | 272 | 2 | 26 | 20 | 26 | 12 | NS | 52 | NS | NS | 35 | NS |
| 10 | Temporal Composite | 15 | NS | NS | -- | -- | -- | NS | NS | NS | NS | 580 | NS | NS | 1,000+ | NS | 3 |
| 10A | Temporal Composite | 75 | 376 | NS | 7 | 10 | 6 | 15 | 35 | 27 | 22 | NS | 4 | NS | NS | 10 | 28 |
| 11 | Temporal Composite | 60 | NS | NS | -- | 24 | 27 | 40 | -- | NS | 9 | NS | 11 | NS | 20 | 33 | NS |
| 12 | Temporal Composite | 19 | 10 | -- | 0 | 15 | 15 | 46 | 28 | 8 | 10 | NS | 7 | NS | NS | 87 | NS |
| 13 | Temporal Composite | 4 | NS | NS | 13 | 5 | 4 | 11 | 57 | 11 | 0 | 24 | 1 | 0 | NS | 4 | NS |
| 14 | Temporal Composite | 6 | 5 | 7 | 0 | 3 | 13 | NS | 2 | 2 | 0 | NS | 1 | NS | NS | 1 | NS |
| 15 | Temporal Composite | 79 | 15 | 14 | 15 | 44 | 21 | 19 | 33 | 40 | 12 | NS | 3 | NS | NS | 18 | NS |
| 18 | Temporal Composite | 5 | 194 | 44 | 84 | 82 | 92 | 82 | 246 | 33 | 11 | NS | 30 | NS | NS | 300 | NS |
| 19A | Grab | 174 | 22 | 28 | 41 | 217 | 213 | 175 | 12 | 1 | 5 | NS | 8 | NS | NS | 13 | NS |
| 19B | Grab | 16 | 4 | 17 | 32 | 246 | 16 | 36 | 6 | 29 | 18 | NS | 130 | NS | NS | 13 | NS |
| 20 | Temporal Composite | 88 | 10 | 8 | 6 | 33 | 17 | -- | 39 | 23 | 13 | NS | 3 | NS | NS | 14 | NS |
| 21A | Grab | 78 | 19 | 8 | 11 | -- | -- | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 21B | Grab | NS | NS | NS | -- | 1,172 | 2 | 40 | 12 | 9 | 3 | NS | 351 | NS | NS | 3 | NS |
| 22 | Temporal Composite | 54 | 2,253 | 49 | 59 | 298 | 190 | 89 | 56 | 30 | 316 | NS | 439 | NS | NS | 5,736 | NS |
| 23A | Temporal Composite | 1 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 23B | Grab | 1 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 23C-1 | Temporal Composite | NS | 3 | NS | 1 | 11 | 9 | 33 | 8 | 104 | 15 | NS | 49 | NS | NS | 6 | NS |
| 23C-2 | Temporal Composite | NS | 3 | 6 | 0 | 1 | 2 | 4 | 2 | 1 | 3 | NS | 29 | NS | NS | 88 | NS |
| 23C-3 | Temporal Composite | NS | 1 | 20 | 67 | 44 | 125 | 62 | 22 | 25 | 31 | NS | 20 | NS | NS | 55 | NS |
| 24A | Grab | 82 | 6 | 8 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 24B | Grab | 0 | 0 | 9 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 24C | Grab | 3 | 0 | 9 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |

Notes:

°C - degrees Celsius
 mg/L - milligrams per liter
 mS/cm - milliSiemens per centimeter
 mV - millivolt
 NTU - nephelometric turbidity units
 ORP - oxidation reduction potential
 NS - Location was not sampled
 -- - Field parameter not recorded
 Field parameters for the temporal composite samples were collected during sampling directly from the water stream only.

TABLE B1
FIELD PARAMETERS - 2021 through 2022
Chemours Fayetteville Works, North Carolina

| Location | Sampling Method | Observations at Sample Location |
|----------|--------------------|---|
| 1 | Temporal Composite | - |
| 2 | Temporal Composite | May 2022: Sample location dried up before conclusion of sample collection |
| 3 | Temporal Composite | May 2022: Sample location dried up before conclusion of sample collection |
| 4 | Temporal Composite | February 2021: Tubing disconnected between the 11th and the last aliquot. Total ISCO run time was 7.3 hours. April 2022: ISCO encountered error after second cycle, only two samples collected. May 2022: Sample location dried up before the conclusion of sampling. |
| 5 | Temporal Composite | - |
| 6A | Grab | April/May 2021: Possibly some rust discoloration of water. |
| 6B | Grab | June 2021: No water coming out of designated sample pipe. Unable to get sample. September 2021: Sample out of pipe onsite, temperature was noted to be hot to the touch. May 2022: Parameters collected after cooling down outside of sample bottles with ice. |
| 7A | Temporal Composite | - |
| 7B | Temporal Composite | - |
| 7C | Temporal Composite | - |
| 8 | Temporal Composite | February 2021: Algal blooms noted. Total ISCO run time was 4 hours. |
| 9 | Temporal Composite | - |
| 9A | Grab | - |
| 10 | Temporal Composite | - |
| 10A | Temporal Composite | - |
| 11 | Temporal Composite | April 2022: Location was dry when checked on 4/5. ISCO was set to start at 21:20. Confirmed on 4/6 that water reached location and then proceeded to connect to open channel. |
| 12 | Temporal Composite | June 2021: Location is dry. |
| 13 | Temporal Composite | February 2021: Missed first collection of first cycle due to no water. Total ISCO run time was 7.3 hours. |
| 14 | Temporal Composite | June 2021: Significant algal blooms. |
| 15 | Temporal Composite | - |
| 18 | Temporal Composite | February 2021: Total ISCO run time was 4 hours. |
| 19A | Grab | - |
| 19B | Grab | - |
| 20 | Temporal Composite | February 2021: ISCO did not start properly, started upon arrival. |
| 21A | Grab | - |
| 21B | Grab | - |
| 22 | Temporal Composite | February 2021: Water had scum/solids/foam and was murky with white water color and mixed odor. Total ISCO run time was 3 hours. |
| 23A | Temporal Composite | February 2021: Total ISCO run time was 4 hours. |
| 23B | Grab | - |
| 23C-1 | Temporal Composite | - |
| 23C-2 | Temporal Composite | - |
| 23C-3 | Temporal Composite | - |
| 24A | Grab | June 2021: Sample taken by Nafion personnel in barricade and classified area. |
| 24B | Grab | - |
| 24C | Grab | - |

Notes:

°C - degrees Celsius

mg/L - milligrams per liter

mS/cm - milliSiemens per centimeter

mV - millivolt

NTU - nephelometric turbidity units

ORP - oxidation reduction potential

NS - Location was not sampled

-- - Field parameter not recorded

Field parameters for the temporal composite samples were collected during sampling directly from the water stream only.

Appendix C
Laboratory Reports and Data Review
Narrative Whitebooks
Transmitted to NCDEQ Electronically

Appendix D

Field Forms

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | CHARLES PACE, JAMES BRIGGS | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 09:35 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 45.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Solids | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-1-8-021821 |
| QA/QC: | MS, REP, DUP |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 05:00 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 12:20 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 12:20 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 7.47 |
| pH (s.u.) | 8.22 |
| Specific Conductivity (µS/cm) | 62.82 |
| Disssolved Oxygen (mg/L) | 10.52 |
| Oxidation Reduction Potential (mV) | 36.2 |
| Turbidity (NTU) | 117.65 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 2 |
| Samplers: | BRANDON WEIDNER, SHAWN ANDRUKATES | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 14:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 37.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 12.0 | mph |
| Water Quality Condition: | None Trash and debris in sample location | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-2-8-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 06:00 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 14:00 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 14:00 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 3.92 |
| pH (s.u.) | 8.18 |
| Specific Conductivity (µS/cm) | 57.05 |
| Disssolved Oxygen (mg/L) | 11.28 |
| Oxidation Reduction Potential (mV) | 45.7 |
| Turbidity (NTU) | 18.8 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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| |
|--|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 3 |
| Samplers: | BRANDON WEIDNER, SHAWN ANDRUKATES | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 14:07 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 37.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 12.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-3-8-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 06:07 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 14:07 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 14:07 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 3.72 |
| pH (s.u.) | 7.59 |
| Specific Conductivity (µS/cm) | 122.58 |
| Disssolved Oxygen (mg/L) | 12.75 |
| Oxidation Reduction Potential (mV) | 74.6 |
| Turbidity (NTU) | 11.35 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
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| |
|--|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 4 |
| Samplers: | BRANDON WEIDNER, SHAWN ANDRUKATES | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 11:40 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 35.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 14.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-4-7.3-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 03:40 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 11:40 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 11:40 |
| Number of Cycles: | 11 |
| Total ISCO Run Time Hours: | 7.3 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 3.68 |
| pH (s.u.) | 7.44 |
| Specific Conductivity (µS/cm) | 19.18 |
| Disssolved Oxygen (mg/L) | 12.6 |
| Oxidation Reduction Potential (mV) | 145.3 |
| Turbidity (NTU) | 5.96 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
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| |
|--|

Observation of Sample Location:

-

Miscellaneous Observations:

Tubing disconnected between the 11th and the last aliquot.

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 5 |
| Samplers: | BRANDON WEIDNER, SHAWN ANDRUKATES | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 15:30 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 37.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 13.0 | mph |
| Water Quality Condition: | Solids | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-5-8-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 07:30 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 15:30 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 15:30 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 3.16 |
| pH (s.u.) | 7.86 |
| Specific Conductivity (µS/cm) | 53.96 |
| Disssolved Oxygen (mg/L) | 12.52 |
| Oxidation Reduction Potential (mV) | 185.2 |
| Turbidity (NTU) | 109.26 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 6A |
| Samplers: | CHARLES PACE,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-19-2021 |
| | | Time: | 12:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 40.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Red tint | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-6A-021921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 02-19-2021 |
| Sample Time: | 12:30 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 7.21 |
| pH (s.u.) | 7.84 |
| Specific Conductivity (µS/cm) | 71.09 |
| Disssolved Oxygen (mg/L) | 11.26 |
| Oxidation Reduction Potential (mV) | 207.8 |
| Turbidity (NTU) | 87.5 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 6B |
| Samplers: | CHARLES PACE,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-19-2021 |
| | | Time: | 12:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 40.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-6B-021921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 02-19-2021 |
| Sample Time: | 13:00 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 57.82 |
| pH (s.u.) | 6.83 |
| Specific Conductivity (µS/cm) | 18.27 |
| Disssolved Oxygen (mg/L) | 2.58 |
| Oxidation Reduction Potential (mV) | 87 |
| Turbidity (NTU) | 9.14 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
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| |
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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7A |
| Samplers: | CHARLES PACE, JAMES BRIGGS | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 10:10 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 45.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7A-8-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 05:00 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 12:20 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 12:20 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 4.97 |
| pH (s.u.) | 7.59 |
| Specific Conductivity (µS/cm) | 40.05 |
| Disssolved Oxygen (mg/L) | 11.69 |
| Oxidation Reduction Potential (mV) | 61.5 |
| Turbidity (NTU) | 103.53 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7B |
| Samplers: | CHARLES PACE, JAMES BRIGGS | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 10:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 45.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
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| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7B-8-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 04:59 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 12:19 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 12:19 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 4.35 |
| pH (s.u.) | 6.91 |
| Specific Conductivity (µS/cm) | 95.62 |
| Disssolved Oxygen (mg/L) | 11.82 |
| Oxidation Reduction Potential (mV) | 103.9 |
| Turbidity (NTU) | 117.59 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7C |
| Samplers: | CHARLES PACE,JAMES BRIGGS | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 10:41 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 45.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7C-8-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 04:56 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 12:16 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 12:16 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 6.11 |
| pH (s.u.) | 7.22 |
| Specific Conductivity (µS/cm) | 66.76 |
| Disssolved Oxygen (mg/L) | 11.6 |
| Oxidation Reduction Potential (mV) | 104.6 |
| Turbidity (NTU) | 97.78 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 8 |
| Samplers: | CHARLES PACE,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-19-2021 |
| | | Time: | 11:05 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 40.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Algal Blooms | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-8-4-021921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 11:07 |
| Sample End Date: | 02-19-2021 |
| Sample End Time: | 14:47 |
| Sample Date: | 02-19-2021 |
| Sample Time: | 14:47 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 9.41 |
| pH (s.u.) | 7.62 |
| Specific Conductivity (µS/cm) | 939.47 |
| Disssolved Oxygen (mg/L) | 9.66 |
| Oxidation Reduction Potential (mV) | 82.1 |
| Turbidity (NTU) | 2.18 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9 |
| Samplers: | BRANDON SHAFFER,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 12:20 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 37.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 10.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-9-8-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 04:20 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 12:20 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 12:20 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 8.71 |
| pH (s.u.) | 7.67 |
| Specific Conductivity (µS/cm) | 94.2 |
| Disssolved Oxygen (mg/L) | 10.44 |
| Oxidation Reduction Potential (mV) | 95 |
| Turbidity (NTU) | 126.91 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 10 |
| Samplers: | BRANDON SHAFFER,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 12:19 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 37.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 10.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-10-8-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 04:19 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 12:19 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 12:19 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 4.9 |
| pH (s.u.) | 7.75 |
| Specific Conductivity (µS/cm) | 21.93 |
| Disssolved Oxygen (mg/L) | 10.99 |
| Oxidation Reduction Potential (mV) | 82.9 |
| Turbidity (NTU) | 15.41 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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| |
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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 10A |
| Samplers: | BRANDON SHAFFER,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 09:35 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 37.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 10.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-10A-8-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 4:19 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 12:19 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 12:19 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 11.1 |
| pH (s.u.) | 8.18 |
| Specific Conductivity (µS/cm) | 203.3 |
| Disssolved Oxygen (mg/L) | 9.58 |
| Oxidation Reduction Potential (mV) | 30.1 |
| Turbidity (NTU) | 74.72 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 11 |
| Samplers: | BRANDON SHAFFER,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 14:50 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 37.0 | degrees F |
| Water Flow: | Standing | Wind Speed: | 10.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-11-8-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 06:50 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 14:50 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 14:50 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 5.39 |
| pH (s.u.) | 8.16 |
| Specific Conductivity (µS/cm) | 60.92 |
| Disssolved Oxygen (mg/L) | 11.58 |
| Oxidation Reduction Potential (mV) | 69.7 |
| Turbidity (NTU) | 59.99 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 12 |
| Samplers: | BRANDON SHAFFER,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 12:19 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 37.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 10.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
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Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-12-8-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 04:19 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 12:19 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 12:19 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 7.92 |
| pH (s.u.) | 7.92 |
| Specific Conductivity (µS/cm) | 104.82 |
| Disssolved Oxygen (mg/L) | 10.06 |
| Oxidation Reduction Potential (mV) | 77.8 |
| Turbidity (NTU) | 19.17 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 13 |
| Samplers: | CHARLES PACE, JAMES BRIGGS | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 10:35 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 45.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|-----------------------|
| Sample ID: | STW-LOC-13-7.3-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 04:59 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 12:19 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 12:19 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 7.3 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 5.19 |
| pH (s.u.) | 7.15 |
| Specific Conductivity (µS/cm) | 11.86 |
| Disssolved Oxygen (mg/L) | 12.14 |
| Oxidation Reduction Potential (mV) | 104 |
| Turbidity (NTU) | 3.67 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Missed first collection of first cycle due to no water.

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 14 |
| Samplers: | BRANDON SHAFFER,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 12:19 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 37.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 10.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-14-8-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 04:19 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 12:19 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 12:19 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 15.04 |
| pH (s.u.) | 7.79 |
| Specific Conductivity (µS/cm) | 142.63 |
| Disssolved Oxygen (mg/L) | 9.67 |
| Oxidation Reduction Potential (mV) | 78.2 |
| Turbidity (NTU) | 5.63 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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| |
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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 15 |
| Samplers: | CHARLES PACE, JAMES BRIGGS | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-19-2021 |
| | | Time: | 10:30 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 45.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-15-8-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-18-2021 |
| Sample Start Time: | 04:59 |
| Sample End Date: | 02-18-2021 |
| Sample End Time: | 12:20 |
| Sample Date: | 02-18-2021 |
| Sample Time: | 12:20 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 5.46 |
| pH (s.u.) | 7.12 |
| Specific Conductivity (µS/cm) | 37.91 |
| Disssolved Oxygen (mg/L) | 11.79 |
| Oxidation Reduction Potential (mV) | 103.9 |
| Turbidity (NTU) | 78.93 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
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| |
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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 18 |
| Samplers: | CHARLES PACE,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-19-2021 |
| | | Time: | 10:31 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 40.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-18-4-021921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-19-2021 |
| Sample Start Time: | 10:32 |
| Sample End Date: | 02-19-2021 |
| Sample End Time: | 14:12 |
| Sample Date: | 02-19-2021 |
| Sample Time: | 14:12 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 8.87 |
| pH (s.u.) | 9.31 |
| Specific Conductivity (µS/cm) | 104.94 |
| Disssolved Oxygen (mg/L) | 9.33 |
| Oxidation Reduction Potential (mV) | 50.7 |
| Turbidity (NTU) | 4.52 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19A |
| Samplers: | CHARLES PACE,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-19-2021 |
| | | Time: | 10:45 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 40.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19A-021921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 02-19-2021 |
| Sample Time: | 10:50 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 30.66 |
| pH (s.u.) | 7.79 |
| Specific Conductivity (µS/cm) | 80.78 |
| Disssolved Oxygen (mg/L) | 4.39 |
| Oxidation Reduction Potential (mV) | 65.1 |
| Turbidity (NTU) | 173.56 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19B |
| Samplers: | CHARLES PACE,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-19-2021 |
| | | Time: | 10:45 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 40.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19B-021921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 02-19-2021 |
| Sample Time: | 10:55 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 28.63 |
| pH (s.u.) | 7.26 |
| Specific Conductivity (µS/cm) | 85.64 |
| Disssolved Oxygen (mg/L) | 6.59 |
| Oxidation Reduction Potential (mV) | 73.1 |
| Turbidity (NTU) | 15.84 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 20 |
| Samplers: | CHARLES PACE, JAMES BRIGGS | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 11:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 45.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-20-8-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-17-2021 |
| Sample Start Time: | 11:04 |
| Sample End Date: | 2/18/2021 |
| Sample End Time: | 18:24 |
| Sample Date: | 2/18/2021 |
| Sample Time: | 18:24 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 6.49 |
| pH (s.u.) | 7.36 |
| Specific Conductivity (µS/cm) | 55.31 |
| Disssolved Oxygen (mg/L) | 11.31 |
| Oxidation Reduction Potential (mV) | 100.5 |
| Turbidity (NTU) | 87.59 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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| |
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Observation of Sample Location:

-

Miscellaneous Observations:

ISCO didn't start properly, started upon arrival.

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 21A |
| Samplers: | BRANDON WEIDNER, SHAWN ANDRUKATES | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-18-2021 |
| | | Time: | 11:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 35.0 | degrees F |
| Water Flow: | Standing | Wind Speed: | 13.0 | mph |
| Water Quality Condition: | Sludge Deposits | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-21A-021821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 02-18-2021 |
| Sample Time: | 11:00 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 3.69 |
| pH (s.u.) | 7.1 |
| Specific Conductivity (µS/cm) | 102.29 |
| Disssolved Oxygen (mg/L) | 12.44 |
| Oxidation Reduction Potential (mV) | 164.5 |
| Turbidity (NTU) | 77.97 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 22 |
| Samplers: | CHARLES PACE,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-19-2021 |
| | | Time: | 10:40 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 40.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Scum Solids Foam | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | White | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-22-3-021921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-19-2021 |
| Sample Start Time: | 10:45 |
| Sample End Date: | 02-19-2021 |
| Sample End Time: | 14:25 |
| Sample Date: | 02-19-2021 |
| Sample Time: | 14:25 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 3 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 11.8 |
| pH (s.u.) | 11.12 |
| Specific Conductivity (µS/cm) | 474.19 |
| Disssolved Oxygen (mg/L) | 9.34 |
| Oxidation Reduction Potential (mV) | -6 |
| Turbidity (NTU) | 54.3 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23A |
| Samplers: | CHARLES PACE,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-19-2021 |
| | | Time: | 10:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 40.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-23A-4-021921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 02-19-2021 |
| Sample Start Time: | 10:00 |
| Sample End Date: | 2/19/2021 |
| Sample End Time: | 13:40 |
| Sample Date: | 2/19/2021 |
| Sample Time: | 13:40 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 9.98 |
| pH (s.u.) | 7.74 |
| Specific Conductivity (µS/cm) | 139.03 |
| Disssolved Oxygen (mg/L) | 9.28 |
| Oxidation Reduction Potential (mV) | -2.50 |
| Turbidity (NTU) | 0.63 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
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| |
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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23B |
| Samplers: | CHARLES PACE,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-19-2021 |
| | | Time: | 10:05 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 40.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-23B-021921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 02-19-2021 |
| Sample Time: | 10:10 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

Table 3+ (19) | 537 MOD Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 12.78 |
| pH (s.u.) | 7.48 |
| Specific Conductivity (µS/cm) | 123.12 |
| Disssolved Oxygen (mg/L) | 9.49 |
| Oxidation Reduction Potential (mV) | 89.7 |
| Turbidity (NTU) | 1.31 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 24A |
| Samplers: | CHARLES PACE,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-19-2021 |
| | | Time: | 11:35 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 40.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-24A-021921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 02-19-2021 |
| Sample Time: | 11:45 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 11.33 |
| pH (s.u.) | 7.29 |
| Specific Conductivity (µS/cm) | 81.42 |
| Disssolved Oxygen (mg/L) | 10.15 |
| Oxidation Reduction Potential (mV) | 186.5 |
| Turbidity (NTU) | 81.92 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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| |
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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 24B |
| Samplers: | CHARLES PACE,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-19-2021 |
| | | Time: | 11:47 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 40.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-24B-021921 |
| QA/QC: | DUP MS REP |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 02-19-2021 |
| Sample Time: | 11:50 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 9.06 |
| pH (s.u.) | 8.34 |
| Specific Conductivity (µS/cm) | 163.81 |
| Disssolved Oxygen (mg/L) | 11.14 |
| Oxidation Reduction Potential (mV) | 112 |
| Turbidity (NTU) | 0.31 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
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| |
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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 24C |
| Samplers: | CHARLES PACE,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 02-19-2021 |
| | | Time: | 11:22 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 40.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-24C-021921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 02-19-2021 |
| Sample Time: | 11:55 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (19) 537 MOD Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 17.2 |
| pH (s.u.) | 7.49 |
| Specific Conductivity (µS/cm) | 174.01 |
| Disssolved Oxygen (mg/L) | 10.5 |
| Oxidation Reduction Potential (mV) | 142.8 |
| Turbidity (NTU) | 2.62 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 14:30 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 16.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-1-4-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-29-2021 |
| Sample Start Time: | 10:30 |
| Sample End Date: | 04-29-2021 |
| Sample End Time: | 14:30 |
| Sample Date: | 04-29-2021 |
| Sample Time: | 14:30 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(21)(LL) Including HFPO-DA and PFHpA | 537
MOD (HOLD)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 27.33 |
| pH (s.u.) | 7.38 |
| Specific Conductivity (µS/cm) | 104.18 |
| Disssolved Oxygen (mg/L) | 7.53 |
| Oxidation Reduction Potential (mV) | 128.9 |
| Turbidity (NTU) | 10.6 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 6A |
| Samplers: | BRANDON WEIDNER,CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 05-04-2021 |
| | | Time: | 13:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Possibly some rust discoloration of water

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-6A-050421 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 05-04-2021 |
| Sample Time: | 13:20 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

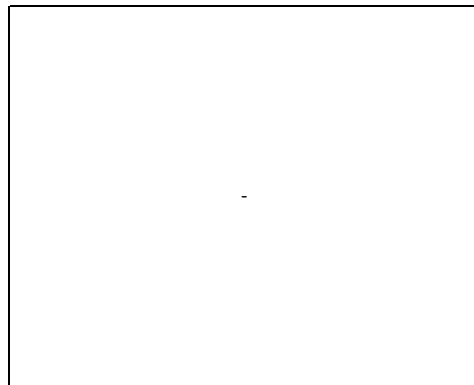
Table 3+(21)(LL) Including HFPO-DA and PFHpA | 537
MOD (HOLD)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 29.67 |
| pH (s.u.) | 7.24 |
| Specific Conductivity (µS/cm) | 119.23 |
| Disssolved Oxygen (mg/L) | 7.02 |
| Oxidation Reduction Potential (mV) | 133 |
| Turbidity (NTU) | 5.16 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 6B |
| Samplers: | BRANDON WEIDNER,DANIELLE DELGADO | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 12:05 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 20.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-6B-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 04-29-2021 |
| Sample Time: | 12:05 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|--|
| Table 3+(21)(LL) Including HFPO-DA and PFHpA 537 MOD (HOLD) |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 35.49 |
| pH (s.u.) | 8.27 |
| Specific Conductivity (µS/cm) | 206.64 |
| Disssolved Oxygen (mg/L) | 3.03 |
| Oxidation Reduction Potential (mV) | 20.5 |
| Turbidity (NTU) | 0.38 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7A |
| Samplers: | ALLISON HARRIS, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 16:44 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 88.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 21.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7A-4-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-29-2021 |
| Sample Start Time: | 12:44 |
| Sample End Date: | 04-29-2021 |
| Sample End Time: | 16:44 |
| Sample Date: | 04-29-2021 |
| Sample Time: | 16:44 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

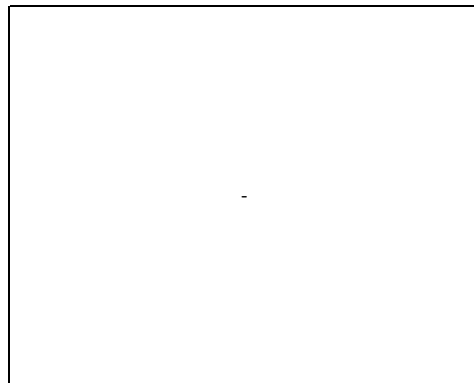
Table 3+(21)(LL) Including HFPO-DA and PFHpA | 537
MOD (HOLD)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 28.94 |
| pH (s.u.) | 7.9 |
| Specific Conductivity (µS/cm) | 99.99 |
| Disssolved Oxygen (mg/L) | 7.13 |
| Oxidation Reduction Potential (mV) | 39.7 |
| Turbidity (NTU) | 9.42 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7B |
| Samplers: | ALLISON HARRIS, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 16:56 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 88.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 21.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7B-4-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-29-2021 |
| Sample Start Time: | 12:56 |
| Sample End Date: | 04-29-2021 |
| Sample End Time: | 16:56 |
| Sample Date: | 04-29-2021 |
| Sample Time: | 16:56 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(21)(LL) Including HFPO-DA and PFHpA | 537
MOD (HOLD)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 29.51 |
| pH (s.u.) | 7.67 |
| Specific Conductivity (µS/cm) | 116.37 |
| Disssolved Oxygen (mg/L) | 8.01 |
| Oxidation Reduction Potential (mV) | 107.7 |
| Turbidity (NTU) | 10.61 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7C |
| Samplers: | ALLISON HARRIS, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 16:32 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 88.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 21.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7C-4-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-29-2021 |
| Sample Start Time: | 12:32 |
| Sample End Date: | 04-29-2021 |
| Sample End Time: | 16:32 |
| Sample Date: | 04-29-2021 |
| Sample Time: | 16:32 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--|
| Table 3+(21)(LL) Including HFPO-DA and PFHpA 537 MOD (HOLD) |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 30.07 |
| pH (s.u.) | 7.75 |
| Specific Conductivity (µS/cm) | 109.88 |
| Disssolved Oxygen (mg/L) | 7.45 |
| Oxidation Reduction Potential (mV) | 128.7 |
| Turbidity (NTU) | 11.38 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 8 |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 05-07-2021 |
| | | Time: | 09:24 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 87.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 23.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | - | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-8-4-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-29-2021 |
| Sample Start Time: | 11:36 |
| Sample End Date: | 04-29-2021 |
| Sample End Time: | 15:36 |
| Sample Date: | 04-29-2021 |
| Sample Time: | 15:36 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--|
| Table 3+(21)(LL) Including HFPO-DA and PFHpA 537 MOD (HOLD) |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 27.05 |
| pH (s.u.) | 7.85 |
| Specific Conductivity (µS/cm) | 723.41 |
| Disssolved Oxygen (mg/L) | 8.54 |
| Oxidation Reduction Potential (mV) | 40.2 |
| Turbidity (NTU) | 147.14 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9 |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 14:40 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 88.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 21.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-9-4-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-29-2021 |
| Sample Start Time: | 10:40 |
| Sample End Date: | 04-29-2021 |
| Sample End Time: | 14:40 |
| Sample Date: | 04-29-2021 |
| Sample Time: | 14:40 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

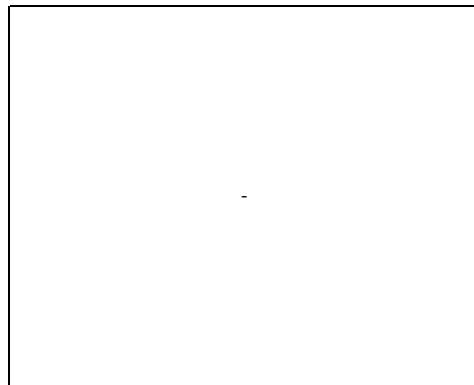
Table 3+(21)(LL) Including HFPO-DA and PFHpA | 537
MOD (HOLD)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 30.28 |
| pH (s.u.) | 7.66 |
| Specific Conductivity (µS/cm) | 114.78 |
| Disssolved Oxygen (mg/L) | 6.71 |
| Oxidation Reduction Potential (mV) | 97.2 |
| Turbidity (NTU) | 9.51 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 10A |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 11:07 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 88.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 24.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-10A-4-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-29-2021 |
| Sample Start Time: | 11:00 |
| Sample End Date: | 04-29-2021 |
| Sample End Time: | 15:00 |
| Sample Date: | 04-29-2021 |
| Sample Time: | 15:00 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--|
| Table 3+(21)(LL) Including HFPO-DA and PFHpA 537 MOD (HOLD) |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 29.82 |
| pH (s.u.) | 7.42 |
| Specific Conductivity (µS/cm) | 109.5 |
| Disssolved Oxygen (mg/L) | 8.58 |
| Oxidation Reduction Potential (mV) | 13 |
| Turbidity (NTU) | 376.46 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 12 |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 05-07-2021 |
| | | Time: | 09:29 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 87.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 22.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

-

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-12-4-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-29-2021 |
| Sample Start Time: | 11:53 |
| Sample End Date: | 04-29-2021 |
| Sample End Time: | 15:53 |
| Sample Date: | 04-29-2021 |
| Sample Time: | 15:53 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(21)(LL) Including HFPO-DA and PFHpA | 537
MOD (HOLD)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 30.77 |
| pH (s.u.) | 9.4 |
| Specific Conductivity (µS/cm) | 197.3 |
| Disssolved Oxygen (mg/L) | 8.85 |
| Oxidation Reduction Potential (mV) | 46.6 |
| Turbidity (NTU) | 9.83 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

-

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 14 |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 16:01 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 87.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 23.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-14-4-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-29-2021 |
| Sample Start Time: | 12:01 |
| Sample End Date: | 04-29-2021 |
| Sample End Time: | 16:01 |
| Sample Date: | 04-29-2021 |
| Sample Time: | 16:01 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

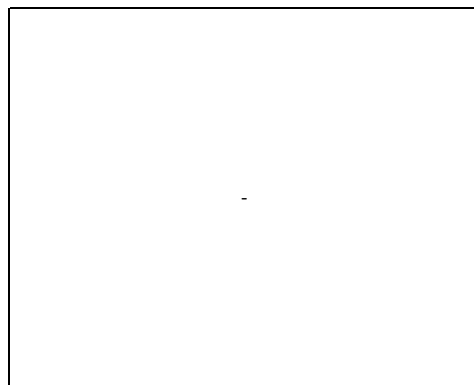
| |
|--|
| Table 3+(21)(LL) Including HFPO-DA and PFHpA 537 MOD (HOLD) |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 36.54 |
| pH (s.u.) | 9.21 |
| Specific Conductivity (µS/cm) | 173.6 |
| Disssolved Oxygen (mg/L) | 6.88 |
| Oxidation Reduction Potential (mV) | 26.5 |
| Turbidity (NTU) | 4.52 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 15 |
| Samplers: | ALLISON HARRIS, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 16:54 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 88.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 21.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

-

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-15-4-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-29-2021 |
| Sample Start Time: | 12:54 |
| Sample End Date: | 04-29-2021 |
| Sample End Time: | 16:54 |
| Sample Date: | 04-29-2021 |
| Sample Time: | 16:54 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

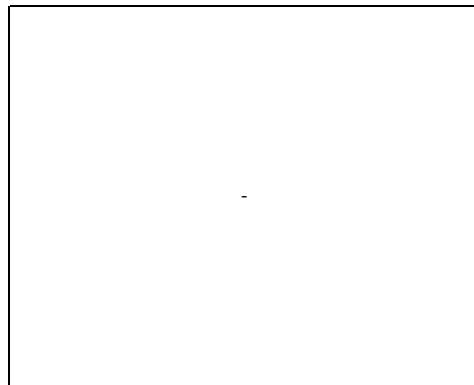
Table 3+(21)(LL) Including HFPO-DA and PFHpA | 537
MOD (HOLD)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 31.21 |
| pH (s.u.) | 7.67 |
| Specific Conductivity (µS/cm) | 94.26 |
| Disssolved Oxygen (mg/L) | 6.9 |
| Oxidation Reduction Potential (mV) | 128.6 |
| Turbidity (NTU) | 15.37 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 18 |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 14:16 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 87.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 16.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-18-4-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-29-2021 |
| Sample Start Time: | 10:16 |
| Sample End Date: | 04-29-2021 |
| Sample End Time: | 14:16 |
| Sample Date: | 04-29-2021 |
| Sample Time: | 14:16 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(21)(LL) Including HFPO-DA and PFHpA | 537
MOD (HOLD)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 29.35 |
| pH (s.u.) | 6.66 |
| Specific Conductivity (µS/cm) | 86.62 |
| Disssolved Oxygen (mg/L) | 6.64 |
| Oxidation Reduction Potential (mV) | 188.3 |
| Turbidity (NTU) | 194.43 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19A |
| Samplers: | BRANDON WEIDNER,DANIELLE DELGADO | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 12:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 20.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19A-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 04-29-2021 |
| Sample Time: | 12:25 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|--|
| Table 3+(21)(LL) Including HFPO-DA and PFHpA 537 MOD (HOLD) |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 37.71 |
| pH (s.u.) | 4.28 |
| Specific Conductivity (µS/cm) | 1452.4 |
| Disssolved Oxygen (mg/L) | 1.84 |
| Oxidation Reduction Potential (mV) | -10.9 |
| Turbidity (NTU) | 22.21 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19B |
| Samplers: | BRANDON WEIDNER,DANIELLE DELGADO | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 12:30 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 20.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19B-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 04-29-2021 |
| Sample Time: | 12:30 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|--|
| Table 3+(21)(LL) Including HFPO-DA and PFHpA 537 MOD (HOLD) |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 38.71 |
| pH (s.u.) | 8.38 |
| Specific Conductivity (µS/cm) | 303.31 |
| Disssolved Oxygen (mg/L) | 5.54 |
| Oxidation Reduction Potential (mV) | 41.2 |
| Turbidity (NTU) | 3.59 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 20 |
| Samplers: | ALLISON HARRIS, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 16:23 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 87.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 20.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-20-4-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-29-2021 |
| Sample Start Time: | 12:23 |
| Sample End Date: | 04-29-2021 |
| Sample End Time: | 16:23 |
| Sample Date: | 04-29-2021 |
| Sample Time: | 16:23 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(21)(LL) Including HFPO-DA and PFHpA | 537
MOD (HOLD)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 29.49 |
| pH (s.u.) | 8.25 |
| Specific Conductivity (µS/cm) | 101.49 |
| Disssolved Oxygen (mg/L) | 8 |
| Oxidation Reduction Potential (mV) | 109.2 |
| Turbidity (NTU) | 9.85 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 21A |
| Samplers: | BRANDON WEIDNER,DANIELLE DELGADO | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 11:15 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 21.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-21A-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 4/29/2021 |
| Sample Time: | 11:15 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|--|
| Table 3+(21)(LL) Including HFPO-DA and PFHpA 537 MOD (HOLD) |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 28.19 |
| pH (s.u.) | 8.03 |
| Specific Conductivity (µS/cm) | 323.42 |
| Disssolved Oxygen (mg/L) | 7.08 |
| Oxidation Reduction Potential (mV) | 9.3 |
| Turbidity (NTU) | 18.63 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 22 |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 05-07-2021 |
| | | Time: | 09:17 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 87.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 23.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-22-4-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-29-2021 |
| Sample Start Time: | 11:26 |
| Sample End Date: | 04-29-2021 |
| Sample End Time: | 15:26 |
| Sample Date: | 04-29-2021 |
| Sample Time: | 15:26 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+(21)(LL) Including HFPO-DA and PFHpA 537 MOD (HOLD) |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 31.69 |
| pH (s.u.) | 9 |
| Specific Conductivity (µS/cm) | 128.93 |
| Disssolved Oxygen (mg/L) | 5.63 |
| Oxidation Reduction Potential (mV) | 59.3 |
| Turbidity (NTU) | 2252.6 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-1 |
| Samplers: | BRANDON WEIDNER,CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 05-04-2021 |
| | | Time: | 14:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-23C-1-050421 |
| QA/QC: | DUP |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 05-04-2021 |
| Sample Time: | 14:10 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|--|
| Table 3+(21)(LL) Including HFPO-DA and PFHpA 537 MOD (HOLD) |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 28.16 |
| pH (s.u.) | 7.32 |
| Specific Conductivity (µS/cm) | 138.14 |
| Disssolved Oxygen (mg/L) | 7.69 |
| Oxidation Reduction Potential (mV) | 135.9 |
| Turbidity (NTU) | 3.49 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-2 |
| Samplers: | CHARLES PACE,JOHNATHAN CAUDILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 4/26/2021 |
| | | Time: | 15:30 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 75.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-23C-2-042621 |
| QA/QC: | DUP |
| Field Filtered: | No |
| Sampling Method: | Peri pump |
| Sample Start Date: | N/A |
| Sample Start Time: | N/A |
| Sample End Date: | N/A |
| Sample End Time: | N/A |
| Sample Date: | 04-26-2021 |
| Sample Time: | 15:45 |
| Number of Cycles: | N/A |
| Total ISCO Run Time Hours: | N/A |

ALL PARAMETERS ANALYZED

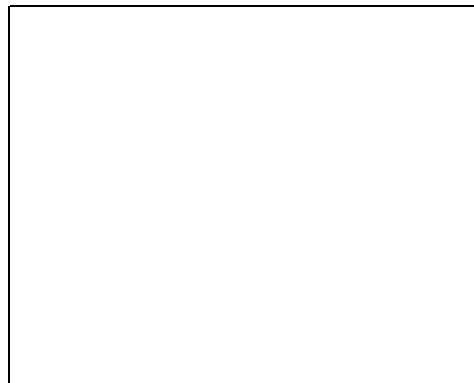
537 MOD Including HFPO-DA (Hold) | Table 3+ (21)
Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 25.03 |
| pH (s.u.) | 7.38 |
| Specific Conductivity (µS/cm) | 134.38 |
| Disssolved Oxygen (mg/L) | 7.4 |
| Oxidation Reduction Potential (mV) | 222.8 |
| Turbidity (NTU) | 0.79 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-2 |
| Samplers: | BRANDON WEIDNER,DANIELLE DELGADO | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 15:05 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 88.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 21.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-23C-2-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 04-29-2021 |
| Sample Time: | 15:05 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

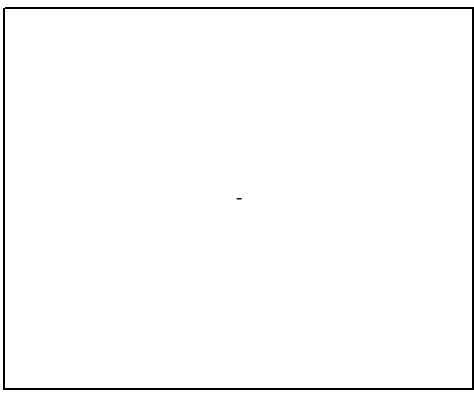
Table 3+(21)(LL) Including HFPO-DA and PFHpA | 537
MOD (HOLD)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 31.6 |
| pH (s.u.) | 8.28 |
| Specific Conductivity (µS/cm) | 405.18 |
| Disssolved Oxygen (mg/L) | 6.57 |
| Oxidation Reduction Potential (mV) | -10.2 |
| Turbidity (NTU) | 2.78 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 24A |
| Samplers: | BRANDON WEIDNER,DANIELLE DELGADO | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 10:50 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 81.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 21.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-24A-042921 |
| QA/QC: | DUP MS REP |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 04-29-2021 |
| Sample Time: | 10:50 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|--|
| Table 3+(21)(LL) Including HFPO-DA and PFHpA 537 MOD (HOLD) |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 25.43 |
| pH (s.u.) | 8.58 |
| Specific Conductivity (µS/cm) | 1975.4 |
| Disssolved Oxygen (mg/L) | 4.56 |
| Oxidation Reduction Potential (mV) | -4.6 |
| Turbidity (NTU) | 5.95 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 24B |
| Samplers: | BRANDON WEIDNER,DANIELLE DELGADO | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 10:10 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 20.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-24B-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 04-29-2021 |
| Sample Time: | 10:10 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|--|
| Table 3+(21)(LL) Including HFPO-DA and PFHpA 537 MOD (HOLD) |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 23.49 |
| pH (s.u.) | 8.63 |
| Specific Conductivity (µS/cm) | 1680.9 |
| Disssolved Oxygen (mg/L) | 0.87 |
| Oxidation Reduction Potential (mV) | 19.5 |
| Turbidity (NTU) | 0 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 24C |
| Samplers: | BRANDON WEIDNER,DANIELLE DELGADO | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 04-29-2021 |
| | | Time: | 10:18 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 20.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-24C-042921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 04-29-2021 |
| Sample Time: | 10:18 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|--|
| Table 3+(21)(LL) Including HFPO-DA and PFHpA 537 MOD (HOLD) |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 25.4 |
| pH (s.u.) | 8.64 |
| Specific Conductivity (µS/cm) | 508.13 |
| Disssolved Oxygen (mg/L) | 6.01 |
| Oxidation Reduction Potential (mV) | 14.3 |
| Turbidity (NTU) | 0 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | CHARLES PACE, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 10:10 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Solids | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-1-4-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 06-18-2021 |
| Sample Start Time: | 10:10 |
| Sample End Date: | 6/18/2021 |
| Sample End Time: | 13:50 |
| Sample Date: | 6/18/2021 |
| Sample Time: | 13:50 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD), Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 27.42 |
| pH (s.u.) | 7.58 |
| Specific Conductivity (µS/cm) | 140 |
| Disssolved Oxygen (mg/L) | 6.86 |
| Oxidation Reduction Potential (mV) | 107.9 |
| Turbidity (NTU) | 9.18 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 6A |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 09:45 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Solids | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-6A-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 06-18-2021 |
| Sample Time: | 15:10 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

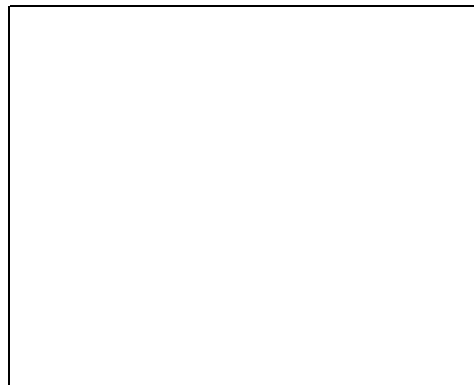
537 MOD (HOLD), Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 29.81 |
| pH (s.u.) | 8.02 |
| Specific Conductivity (µS/cm) | 144 |
| Disssolved Oxygen (mg/L) | 6.96 |
| Oxidation Reduction Potential (mV) | 49.6 |
| Turbidity (NTU) | 26.1 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Sample location in Kuraray. No picture taken.

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 6B |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 10:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|----------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 79.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 3.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | None | | | |
| Water Color: | None | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|----|
| Sample ID: | -- |
| QA/QC: | -- |
| Field Filtered: | -- |
| Sampling Method: | -- |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | -- |
| Sample Time: | -- |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

N/A

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|----|
| Temperature (°C) | -- |
| pH (s.u.) | -- |
| Specific Conductivity (µS/cm) | -- |
| Disssolved Oxygen (mg/L) | -- |
| Oxidation Reduction Potential (mV) | -- |
| Turbidity (NTU) | -- |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

No water coming out of designated sample pipe. Unable to get sample. No picture taken due to location being in process area

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7A |
| Samplers: | CHARLES PACE, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 11:48 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash Foam | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7A-4-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 06-18-2021 |
| Sample Start Time: | 10:00 |
| Sample End Date: | 06-18-2021 |
| Sample End Time: | 13:40 |
| Sample Date: | 06-18-2021 |
| Sample Time: | 13:40 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 31.24 |
| pH (s.u.) | 8 |
| Specific Conductivity (µS/cm) | 152.34 |
| Disssolved Oxygen (mg/L) | 6.62 |
| Oxidation Reduction Potential (mV) | 75.8 |
| Turbidity (NTU) | 9.16 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7B |
| Samplers: | CHARLES PACE, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 11:40 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash Foam | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7B-4-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 06-18-2021 |
| Sample Start Time: | 10:00 |
| Sample End Date: | 06-18-2021 |
| Sample End Time: | 13:40 |
| Sample Date: | 06-18-2021 |
| Sample Time: | 13:40 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 30.82 |
| pH (s.u.) | 8.02 |
| Specific Conductivity (µS/cm) | 192.73 |
| Disssolved Oxygen (mg/L) | 7.09 |
| Oxidation Reduction Potential (mV) | 72.2 |
| Turbidity (NTU) | 8.66 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7C |
| Samplers: | CHARLES PACE, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 11:54 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash Foam | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7C-4-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 06-18-2021 |
| Sample Start Time: | 11:55 |
| Sample End Date: | 06-18-2021 |
| Sample End Time: | 15:35 |
| Sample Date: | 06-18-2021 |
| Sample Time: | 15:35 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 30.72 |
| pH (s.u.) | 8.24 |
| Specific Conductivity (µS/cm) | 341.16 |
| Disssolved Oxygen (mg/L) | 6.76 |
| Oxidation Reduction Potential (mV) | 57.5 |
| Turbidity (NTU) | 16.86 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 8 |
| Samplers: | CHARLES PACE, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 10:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Algal Blooms | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-8-4-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 06-18-2021 |
| Sample Start Time: | 10:35 |
| Sample End Date: | 06-18-2021 |
| Sample End Time: | 14:15 |
| Sample Date: | 06-18-2021 |
| Sample Time: | 14:15 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 21.68 |
| pH (s.u.) | 7.94 |
| Specific Conductivity (µS/cm) | 1019.2 |
| Disssolved Oxygen (mg/L) | 7.13 |
| Oxidation Reduction Potential (mV) | 101.2 |
| Turbidity (NTU) | 6.41 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 12 |
| Samplers: | CHARLES PACE, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 10:42 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|----------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | None | | | |
| Water Color: | None | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|----|
| Sample ID: | -- |
| QA/QC: | -- |
| Field Filtered: | -- |
| Sampling Method: | -- |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | -- |
| Sample Time: | -- |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

N/A

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|----|
| Temperature (°C) | -- |
| pH (s.u.) | -- |
| Specific Conductivity (µS/cm) | -- |
| Disssolved Oxygen (mg/L) | -- |
| Oxidation Reduction Potential (mV) | -- |
| Turbidity (NTU) | -- |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Location Dry

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 14 |
| Samplers: | CHARLES PACE, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 10:45 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Algal Blooms | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Significant algae blooms

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-14-4-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 06-18-2021 |
| Sample Start Time: | 10:50 |
| Sample End Date: | 06-18-2021 |
| Sample End Time: | 14:30 |
| Sample Date: | 06-18-2021 |
| Sample Time: | 14:30 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 30.1 |
| pH (s.u.) | 9.68 |
| Specific Conductivity (µS/cm) | 250.04 |
| Disssolved Oxygen (mg/L) | 9.1 |
| Oxidation Reduction Potential (mV) | 25.1 |
| Turbidity (NTU) | 7.1 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 15 |
| Samplers: | CHARLES PACE, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 11:35 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash Foam | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-15-4-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 06-18-2021 |
| Sample Start Time: | 11:35 |
| Sample End Date: | 06-18-2021 |
| Sample End Time: | 15:15 |
| Sample Date: | 06-18-2021 |
| Sample Time: | 15:15 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 31.44 |
| pH (s.u.) | 7.91 |
| Specific Conductivity (µS/cm) | 192.4 |
| Disssolved Oxygen (mg/L) | 6.58 |
| Oxidation Reduction Potential (mV) | 61.9 |
| Turbidity (NTU) | 14.48 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 18 |
| Samplers: | CHARLES PACE, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 09:56 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Scum Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | White | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-18-4-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 06-18-2021 |
| Sample Start Time: | 09:56 |
| Sample End Date: | 06-18-2021 |
| Sample End Time: | 13:36 |
| Sample Date: | 06-18-2021 |
| Sample Time: | 13:36 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

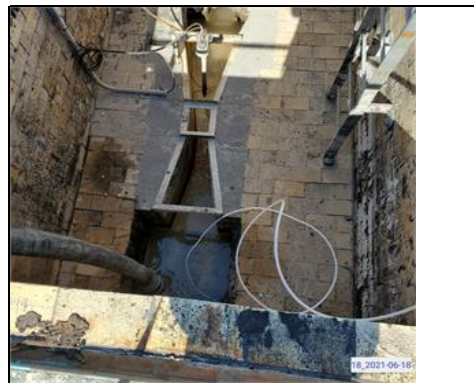
537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 26.73 |
| pH (s.u.) | 7.26 |
| Specific Conductivity (µS/cm) | 136.48 |
| Disssolved Oxygen (mg/L) | 4.71 |
| Oxidation Reduction Potential (mV) | 14.3 |
| Turbidity (NTU) | 44.32 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19A |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 12:40 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19A-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 6/18/2021 |
| Sample Time: | 12:45 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (HOLD), Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 37.63 |
| pH (s.u.) | 7.64 |
| Specific Conductivity (µS/cm) | 80.37 |
| Disssolved Oxygen (mg/L) | 5.39 |
| Oxidation Reduction Potential (mV) | 31.3 |
| Turbidity (NTU) | 28.06 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19B |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 12:40 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19B-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 06-18-2021 |
| Sample Time: | 12:48 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (HOLD), Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 33.81 |
| pH (s.u.) | 7.58 |
| Specific Conductivity (µS/cm) | 177.99 |
| Disssolved Oxygen (mg/L) | 6.22 |
| Oxidation Reduction Potential (mV) | 42.1 |
| Turbidity (NTU) | 17.4 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 20 |
| Samplers: | CHARLES PACE, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 12:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash Foam | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| | |
|-----------------------------------|---------------------|
| Flow Reading: | |
| SAMPLE DETAILS* | |
| Sample ID: | STW-LOC-20-4-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 06-18-2021 |
| Sample Start Time: | 10:00 |
| Sample End Date: | 06-18-2021 |
| Sample End Time: | 13:40 |
| Sample Date: | 06-18-2021 |
| Sample Time: | 13:40 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 30.27 |
| pH (s.u.) | 8.25 |
| Specific Conductivity (µS/cm) | 186.25 |
| Disssolved Oxygen (mg/L) | 7.78 |
| Oxidation Reduction Potential (mV) | 36.2 |
| Turbidity (NTU) | 7.6 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 21A |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 12:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | Standing | Wind Speed: | 8.0 | mph |
| Water Quality Condition: | Solids | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-21A-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 6/18/2021 |
| Sample Time: | 12:10 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (HOLD), Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 34.16 |
| pH (s.u.) | 7.46 |
| Specific Conductivity (µS/cm) | 178.57 |
| Disssolved Oxygen (mg/L) | 6.34 |
| Oxidation Reduction Potential (mV) | 65.1 |
| Turbidity (NTU) | 8.35 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 22 |
| Samplers: | CHARLES PACE, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 10:15 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Scum Solids Trash Foam | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | White | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-22-4-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 06-18-2021 |
| Sample Start Time: | 10:25 |
| Sample End Date: | 06-18-2021 |
| Sample End Time: | 14:05 |
| Sample Date: | 06-18-2021 |
| Sample Time: | 14:05 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 30.34 |
| pH (s.u.) | 8.79 |
| Specific Conductivity (µS/cm) | 252.9 |
| Disssolved Oxygen (mg/L) | 5.47 |
| Oxidation Reduction Potential (mV) | 28.5 |
| Turbidity (NTU) | 49.31 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-2 |
| Samplers: | CHARLES PACE, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 11:16 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | White | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-2-4-061821 |
| QA/QC: | DUP MS REP |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 06-18-2021 |
| Sample Start Time: | 11:20 |
| Sample End Date: | 06-18-2021 |
| Sample End Time: | 15:00 |
| Sample Date: | 06-18-2021 |
| Sample Time: | 15:00 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

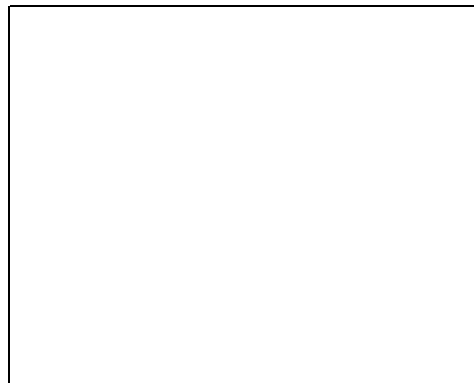
537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 31.55 |
| pH (s.u.) | 7.81 |
| Specific Conductivity (µS/cm) | 167.94 |
| Disssolved Oxygen (mg/L) | 6.57 |
| Oxidation Reduction Potential (mV) | 40.9 |
| Turbidity (NTU) | 6.45 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-3 |
| Samplers: | CHARLES PACE, JELANI GILL | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 11:01 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | White | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-3-4-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 06-18-2021 |
| Sample Start Time: | 11:10 |
| Sample End Date: | 06-18-2021 |
| Sample End Time: | 14:50 |
| Sample Date: | 06-18-2021 |
| Sample Time: | 14:50 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

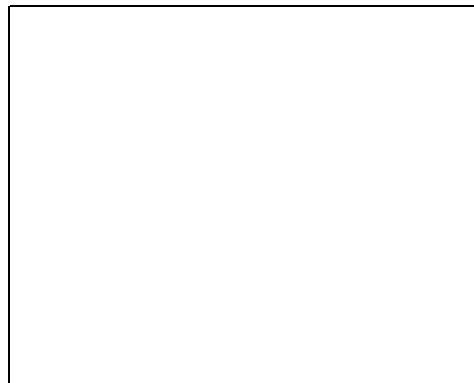
537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 30.35 |
| pH (s.u.) | 7.76 |
| Specific Conductivity (µS/cm) | 134.21 |
| Disssolved Oxygen (mg/L) | 5.51 |
| Oxidation Reduction Potential (mV) | -9.2 |
| Turbidity (NTU) | 19.61 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 24A |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 13:50 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-24A-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 06-18-2021 |
| Sample Time: | 13:55 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (HOLD), Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 26.7 |
| pH (s.u.) | 7.72 |
| Specific Conductivity (µS/cm) | 120.99 |
| Disssolved Oxygen (mg/L) | 7.61 |
| Oxidation Reduction Potential (mV) | 103.9 |
| Turbidity (NTU) | 8.35 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Sample taken by Nafion personnel in barricade and classified area. No picture taken

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 24B |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 10:40 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 8.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-24B-061821 |
| QA/QC: | DUP MS REP |
| Field Filtered: | No |
| Sampling Method: | -- |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 06-18-2021 |
| Sample Time: | 10:50 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

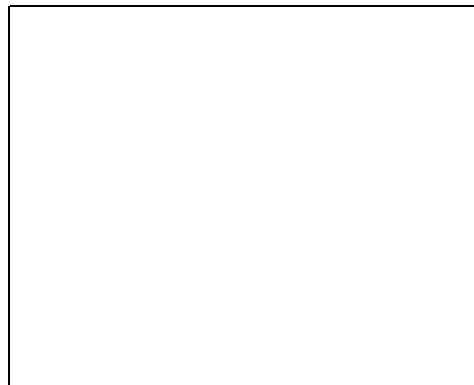
537 MOD (HOLD), Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 34.76 |
| pH (s.u.) | 7.57 |
| Specific Conductivity (µS/cm) | 170.88 |
| Disssolved Oxygen (mg/L) | 6.46 |
| Oxidation Reduction Potential (mV) | 62.7 |
| Turbidity (NTU) | 8.71 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Sample in classified area. Unable to take picture

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 24C |
| Samplers: | ALLISON HARRIS,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 06-18-2021 |
| | | Time: | 10:51 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 8.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-24C-061821 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 06-18-2021 |
| Sample Time: | 11:10 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (HOLD), Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 35.48 |
| pH (s.u.) | 7.76 |
| Specific Conductivity (µS/cm) | 170.71 |
| Disssolved Oxygen (mg/L) | 6.42 |
| Oxidation Reduction Potential (mV) | 62.7 |
| Turbidity (NTU) | 8.69 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Sample location in classified area, unable to take picture

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | CHARLES PACE,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 8/17/2021 |
| | | Time: | 13:55 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-1-6-081721 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 08-17-2021 |
| Sample Start Time: | 13:49 |
| Sample End Date: | 8/17/2021 |
| Sample End Time: | 18:49 |
| Sample Date: | 8/17/2021 |
| Sample Time: | 18:49 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 6 |

ALL PARAMETERS ANALYZED

Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 29.92 |
| pH (s.u.) | 7.64 |
| Specific Conductivity (µS/cm) | 135.94 |
| Disssolved Oxygen (mg/L) | 7.12 |
| Oxidation Reduction Potential (mV) | 442.3 |
| Turbidity (NTU) | 9.36 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 2 |
| Samplers: | CHARLES PACE,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 08-17-2021 |
| | | Time: | 13:19 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-2-4-081721 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 08-17-2021 |
| Sample Start Time: | 13:51 |
| Sample End Date: | 08-17-2021 |
| Sample End Time: | 16:51 |
| Sample Date: | 08-17-2021 |
| Sample Time: | 16:51 |
| Number of Cycles: | 8 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 24.76 |
| pH (s.u.) | 6.19 |
| Specific Conductivity (µS/cm) | 20.48 |
| Disssolved Oxygen (mg/L) | 7.51 |
| Oxidation Reduction Potential (mV) | 183.3 |
| Turbidity (NTU) | 3.82 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 3 |
| Samplers: | CHARLES PACE,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 08-17-2021 |
| | | Time: | 13:46 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------|--------------------|------|-----------|
| Weather Conditions: | and | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | Tan | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-3-2.5-081721 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 08-17-2021 |
| Sample Start Time: | 13:52 |
| Sample End Date: | 08-17-2021 |
| Sample End Time: | 15:22 |
| Sample Date: | 08-17-2021 |
| Sample Time: | 15:22 |
| Number of Cycles: | 5 |
| Total ISCO Run Time Hours: | 2.5 |

ALL PARAMETERS ANALYZED

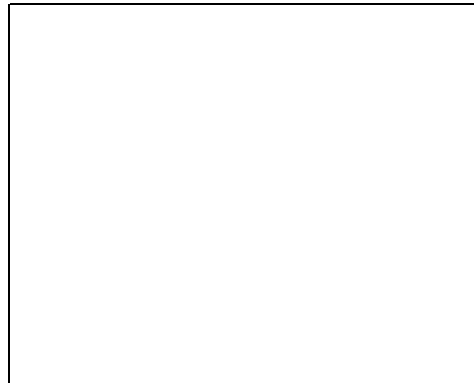
Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 25.51 |
| pH (s.u.) | 6.29 |
| Specific Conductivity (µS/cm) | 30.49 |
| Disssolved Oxygen (mg/L) | 7.75 |
| Oxidation Reduction Potential (mV) | 198.3 |
| Turbidity (NTU) | 105.54 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 4 |
| Samplers: | CHARLES PACE,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 8/17/2021 |
| | | Time: | 13:41 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-4-6-081721 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 8/17/2021 |
| Sample Start Time: | 13:55 |
| Sample End Date: | 08-17-2021 |
| Sample End Time: | 18:55 |
| Sample Date: | 08-17-2021 |
| Sample Time: | 18:55 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 6 |

ALL PARAMETERS ANALYZED

Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 26.03 |
| pH (s.u.) | 6.32 |
| Specific Conductivity (µS/cm) | 18.4 |
| Disssolved Oxygen (mg/L) | 7.94 |
| Oxidation Reduction Potential (mV) | 194.3 |
| Turbidity (NTU) | 17.82 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 5 |
| Samplers: | CHARLES PACE,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 08-17-2021 |
| | | Time: | 13:18 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Tan | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-5-3-081721 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 08-17-2021 |
| Sample Start Time: | 13:02 |
| Sample End Date: | 08-17-2021 |
| Sample End Time: | 15:02 |
| Sample Date: | 08-17-2021 |
| Sample Time: | 15:02 |
| Number of Cycles: | 6 |
| Total ISCO Run Time Hours: | 3 |

ALL PARAMETERS ANALYZED

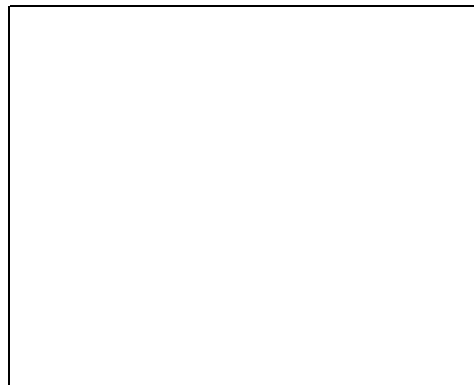
Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 25.8 |
| pH (s.u.) | 6.52 |
| Specific Conductivity (µS/cm) | 19.84 |
| Disssolved Oxygen (mg/L) | 7.97 |
| Oxidation Reduction Potential (mV) | 190.2 |
| Turbidity (NTU) | 32.01 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 6B |
| Samplers: | BRANDON WEIDNER,CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 8/23/2021 |
| | | Time: | 11:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 81.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 3.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-6B-082321 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 8/23/2021 |
| Sample Time: | 11:25 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

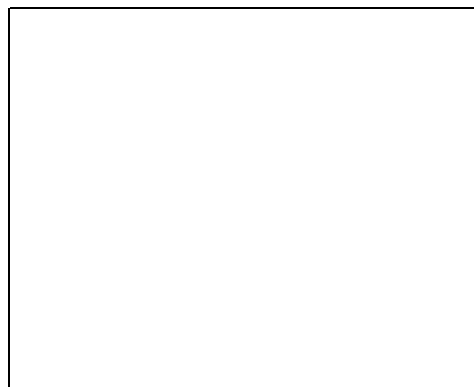
Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 54.04 |
| pH (s.u.) | 7.24 |
| Specific Conductivity (µS/cm) | 6.06 |
| Disssolved Oxygen (mg/L) | 3.08 |
| Oxidation Reduction Potential (mV) | 116.5 |
| Turbidity (NTU) | 0.13 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7A |
| Samplers: | BRANDON WEIDNER, TYLER PORRITT | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 8/17/2021 |
| | | Time: | 13:45 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7A-6-081721 |
| QA/QC: | DUP MS REP |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 08-17-2021 |
| Sample Start Time: | 13:44 |
| Sample End Date: | 08-17-2021 |
| Sample End Time: | 18:44 |
| Sample Date: | 08-17-2021 |
| Sample Time: | 18:44 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 6 |

ALL PARAMETERS ANALYZED

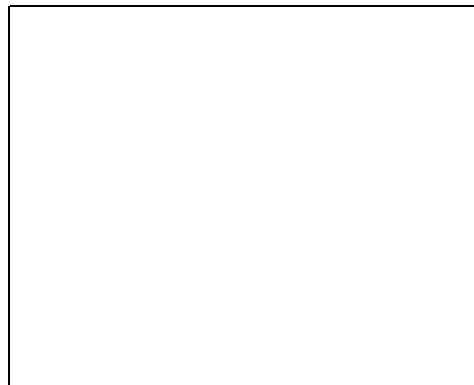
Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 28.56 |
| pH (s.u.) | 7.19 |
| Specific Conductivity (µS/cm) | 121.09 |
| Disssolved Oxygen (mg/L) | 6.89 |
| Oxidation Reduction Potential (mV) | 177.9 |
| Turbidity (NTU) | 22.2 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7B |
| Samplers: | BRANDON WEIDNER, TYLER PORRITT | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 8/17/2021 |
| | | Time: | 13:53 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 81.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 3.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7B-6-081721 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 8/17/2021 |
| Sample Start Time: | 14:07 |
| Sample End Date: | 8/17/2021 |
| Sample End Time: | 19:07 |
| Sample Date: | 08-17-2021 |
| Sample Time: | 19:07 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 6 |

ALL PARAMETERS ANALYZED

Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 27.72 |
| pH (s.u.) | 7.22 |
| Specific Conductivity (µS/cm) | 173.25 |
| Disssolved Oxygen (mg/L) | 6.84 |
| Oxidation Reduction Potential (mV) | 186.6 |
| Turbidity (NTU) | 11 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7C |
| Samplers: | BRANDON WEIDNER, TYLER PORRITT | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 8/17/2021 |
| | | Time: | 14:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 81.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7C-6-081721 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 08-17-2021 |
| Sample Start Time: | 14:07 |
| Sample End Date: | 8/17/2021 |
| Sample End Time: | 19:07 |
| Sample Date: | 8/17/2021 |
| Sample Time: | 19:07 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 6 |

ALL PARAMETERS ANALYZED

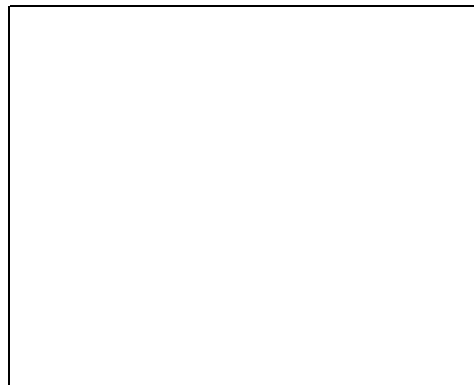
Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 29.97 |
| pH (s.u.) | 6.99 |
| Specific Conductivity (µS/cm) | 139.86 |
| Disssolved Oxygen (mg/L) | 6.84 |
| Oxidation Reduction Potential (mV) | 199.5 |
| Turbidity (NTU) | 13 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 8 |
| Samplers: | BRANDON WEIDNER,CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 08-23-2021 |
| | | Time: | 09:48 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-8-4-082321 |
| QA/QC: | DUP MS REP |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 08-23-2021 |
| Sample Start Time: | 09:57 |
| Sample End Date: | 8/23/2021 |
| Sample End Time: | 13:35 |
| Sample Date: | 8/23/2021 |
| Sample Time: | 13:35 |
| Number of Cycles: | 4 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 20.46 |
| pH (s.u.) | 7.97 |
| Specific Conductivity (µS/cm) | 1139.5 |
| Disssolved Oxygen (mg/L) | 7.29 |
| Oxidation Reduction Potential (mV) | 138.2 |
| Turbidity (NTU) | 2.74 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9 |
| Samplers: | CHARLES PACE,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 8/17/2021 |
| | | Time: | 13:35 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-9-6-081721 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 8/17/2021 |
| Sample Start Time: | 13:23 |
| Sample End Date: | 8/17/2021 |
| Sample End Time: | 18:23 |
| Sample Date: | 08-17-2021 |
| Sample Time: | 18:23 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 6 |

ALL PARAMETERS ANALYZED

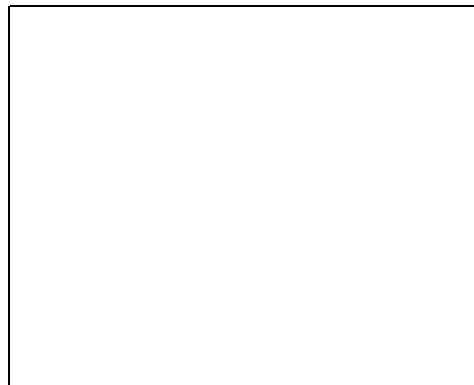
Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 27.95 |
| pH (s.u.) | 6.74 |
| Specific Conductivity (µS/cm) | 132.12 |
| Disssolved Oxygen (mg/L) | 7.02 |
| Oxidation Reduction Potential (mV) | 412.3 |
| Turbidity (NTU) | 6.7 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9A |
| Samplers: | BRANDON WEIDNER, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 8/23/2021 |
| | | Time: | 13:05 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 81.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 2.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-9A-082321 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | |
| Sample Start Time: | |
| Sample End Date: | |
| Sample End Time: | |
| Sample Date: | 8/23/2021 |
| Sample Time: | 13:10 |
| Number of Cycles: | |
| Total ISCO Run Time Hours: | |

ALL PARAMETERS ANALYZED

Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 31.58 |
| pH (s.u.) | 7.07 |
| Specific Conductivity (µS/cm) | 144.95 |
| Disssolved Oxygen (mg/L) | 6.61 |
| Oxidation Reduction Potential (mV) | 221.6 |
| Turbidity (NTU) | 11.22 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 10A |
| Samplers: | CHARLES PACE,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 8/17/2021 |
| | | Time: | 13:44 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 83.0 | degrees F |
| Water Flow: | Standing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-10A-6-081721 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 8/17/2021 |
| Sample Start Time: | 12:56 |
| Sample End Date: | 8/17/2021 |
| Sample End Time: | 17:56 |
| Sample Date: | 08-17-2021 |
| Sample Time: | 17:56 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 6 |

ALL PARAMETERS ANALYZED

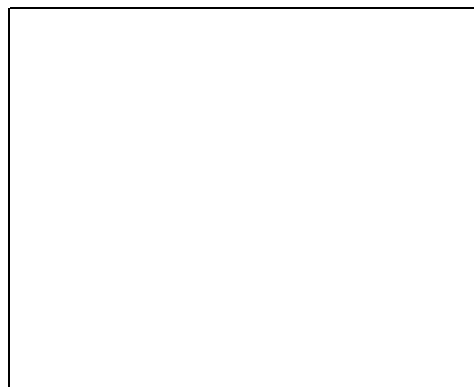
Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 29.63 |
| pH (s.u.) | 7.1 |
| Specific Conductivity (µS/cm) | 135.76 |
| Disssolved Oxygen (mg/L) | 6.74 |
| Oxidation Reduction Potential (mV) | 466.7 |
| Turbidity (NTU) | 7.05 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 12 |
| Samplers: | CHARLES PACE,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 8/17/2021 |
| | | Time: | 13:39 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-12-6-081721 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 08-17-2021 |
| Sample Start Time: | 13:26 |
| Sample End Date: | 8/17/2021 |
| Sample End Time: | 18:26 |
| Sample Date: | 08-17-2021 |
| Sample Time: | 18:26 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 6 |

ALL PARAMETERS ANALYZED

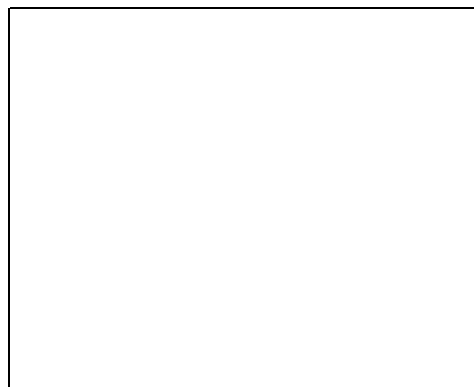
Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 29.03 |
| pH (s.u.) | 7.3 |
| Specific Conductivity (µS/cm) | 187.87 |
| Disssolved Oxygen (mg/L) | 7.36 |
| Oxidation Reduction Potential (mV) | 348.6 |
| Turbidity (NTU) | 0 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 13 |
| Samplers: | BRANDON WEIDNER, TYLER PORRITT | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 08-17-2021 |
| | | Time: | 14:10 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-13-6-081721 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 8/17/2021 |
| Sample Start Time: | 14:03 |
| Sample End Date: | 08-17-2021 |
| Sample End Time: | 19:03 |
| Sample Date: | 08-17-2021 |
| Sample Time: | 19:03 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 6 |

ALL PARAMETERS ANALYZED

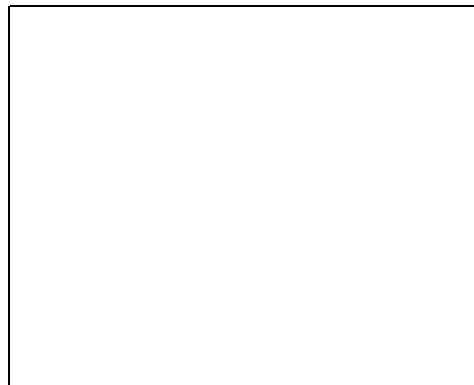
Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 29.63 |
| pH (s.u.) | 7.11 |
| Specific Conductivity (µS/cm) | 139.86 |
| Disssolved Oxygen (mg/L) | 6.84 |
| Oxidation Reduction Potential (mV) | 199.5 |
| Turbidity (NTU) | 13 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 14 |
| Samplers: | CHARLES PACE,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 8/17/2021 |
| | | Time: | 13:36 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-14-6-081721 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 8/17/2021 |
| Sample Start Time: | 13:22 |
| Sample End Date: | 08-17-2021 |
| Sample End Time: | 18:22 |
| Sample Date: | 08-17-2021 |
| Sample Time: | 18:22 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 6 |

ALL PARAMETERS ANALYZED

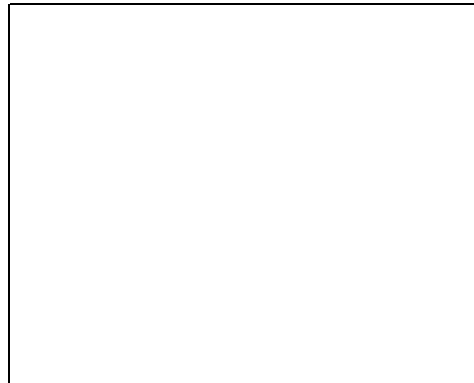
Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 34.27 |
| pH (s.u.) | 7.7 |
| Specific Conductivity (µS/cm) | 193.85 |
| Disssolved Oxygen (mg/L) | 6.89 |
| Oxidation Reduction Potential (mV) | 291.3 |
| Turbidity (NTU) | 0 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 15 |
| Samplers: | BRANDON WEIDNER, TYLER PORRITT | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 08-17-2021 |
| | | Time: | 14:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 81.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 3.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-15-6-081721 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 08-17-2021 |
| Sample Start Time: | 13:01 |
| Sample End Date: | 8/17/2021 |
| Sample End Time: | 18:01 |
| Sample Date: | 08-17-2021 |
| Sample Time: | 18:01 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 6 |

ALL PARAMETERS ANALYZED

Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 29.99 |
| pH (s.u.) | 7.44 |
| Specific Conductivity (µS/cm) | 120.13 |
| Disssolved Oxygen (mg/L) | 6.71 |
| Oxidation Reduction Potential (mV) | 209.2 |
| Turbidity (NTU) | 14.6 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 18 |
| Samplers: | BRANDON WEIDNER,CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 08-23-2021 |
| | | Time: | 11:42 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Cloudy and None | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-18-4-082321 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 8/23/2021 |
| Sample Start Time: | 11:22 |
| Sample End Date: | 8/23/2021 |
| Sample End Time: | 14:22 |
| Sample Date: | 8/23/2021 |
| Sample Time: | 14:22 |
| Number of Cycles: | 4 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 27.88 |
| pH (s.u.) | 9.16 |
| Specific Conductivity (µS/cm) | 115.02 |
| Disssolved Oxygen (mg/L) | 6.32 |
| Oxidation Reduction Potential (mV) | 48 |
| Turbidity (NTU) | 83.99 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19A |
| Samplers: | BRANDON WEIDNER, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 8/23/2021 |
| | | Time: | 10:02 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 3.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19A-082321 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 08-23-2021 |
| Sample Time: | 10:15 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

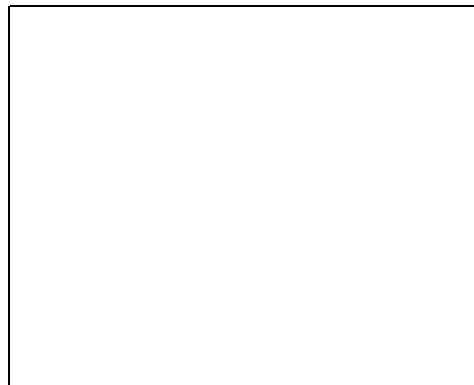
Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 29.04 |
| pH (s.u.) | 8.42 |
| Specific Conductivity (µS/cm) | 189 |
| Disssolved Oxygen (mg/L) | 6.21 |
| Oxidation Reduction Potential (mV) | 8.5 |
| Turbidity (NTU) | 40.71 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19B |
| Samplers: | BRANDON WEIDNER, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 8/23/2021 |
| | | Time: | 10:02 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19B-082321 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | - |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 08-23-2021 |
| Sample Time: | 10:20 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 38.21 |
| pH (s.u.) | 8.01 |
| Specific Conductivity (µS/cm) | 92.33 |
| Disssolved Oxygen (mg/L) | 6 |
| Oxidation Reduction Potential (mV) | 32.2 |
| Turbidity (NTU) | 31.61 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 20 |
| Samplers: | BRANDON WEIDNER, TYLER PORRITT | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 08-17-2021 |
| | | Time: | 13:30 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-20-6-081721 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 8/17/2021 |
| Sample Start Time: | 13:56 |
| Sample End Date: | 08-17-2021 |
| Sample End Time: | 18:56 |
| Sample Date: | 08-17-2021 |
| Sample Time: | 18:56 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 6 |

ALL PARAMETERS ANALYZED

Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 28.1 |
| pH (s.u.) | 6.5 |
| Specific Conductivity (µS/cm) | 163.32 |
| Disssolved Oxygen (mg/L) | 6.87 |
| Oxidation Reduction Potential (mV) | 153 |
| Turbidity (NTU) | 6.07 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 21A |
| Samplers: | BRANDON WEIDNER, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 08-23-2024 |
| | | Time: | 13:12 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-21A-082321 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 8/23/2021 |
| Sample Time: | 13:20 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

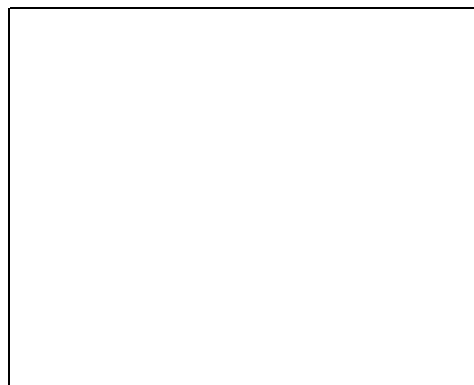
Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 31.85 |
| pH (s.u.) | 7.09 |
| Specific Conductivity (µS/cm) | 182.02 |
| Disssolved Oxygen (mg/L) | 7.05 |
| Oxidation Reduction Potential (mV) | 191.5 |
| Turbidity (NTU) | 11.17 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 22 |
| Samplers: | BRANDON WEIDNER,CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 08-23-2021 |
| | | Time: | 10:02 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-22-4-082321 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 8/23/2021 |
| Sample Start Time: | 10:44 |
| Sample End Date: | 8/23/2021 |
| Sample End Time: | 13:44 |
| Sample Date: | 08-23-2021 |
| Sample Time: | 13:44 |
| Number of Cycles: | 4 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

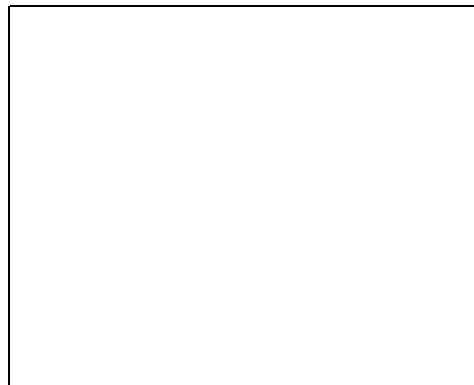
Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 30.42 |
| pH (s.u.) | 9.42 |
| Specific Conductivity (µS/cm) | 258.78 |
| Disssolved Oxygen (mg/L) | 5.96 |
| Oxidation Reduction Potential (mV) | -26.5 |
| Turbidity (NTU) | 59.31 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-1 |
| Samplers: | BRANDON WEIDNER, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 08-23-2021 |
| | | Time: | 11:26 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 81.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 3.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-1-4-082321 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 08-23-2021 |
| Sample Start Time: | 12:51 |
| Sample End Date: | 8/23/2021 |
| Sample End Time: | 15:51 |
| Sample Date: | 08-23-2021 |
| Sample Time: | 15:51 |
| Number of Cycles: | 4 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 33.08 |
| pH (s.u.) | 6.36 |
| Specific Conductivity (µS/cm) | 106.99 |
| Disssolved Oxygen (mg/L) | 6.63 |
| Oxidation Reduction Potential (mV) | 97.6 |
| Turbidity (NTU) | 1 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-2 |
| Samplers: | BRANDON WEIDNER,CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 08-23-2021 |
| | | Time: | 11:12 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Cloudy and None | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-2-4-082321 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 8/23/2021 |
| Sample Start Time: | 11:50 |
| Sample End Date: | 8/23/2021 |
| Sample End Time: | 14:50 |
| Sample Date: | 08-23-2021 |
| Sample Time: | 14:50 |
| Number of Cycles: | 4 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

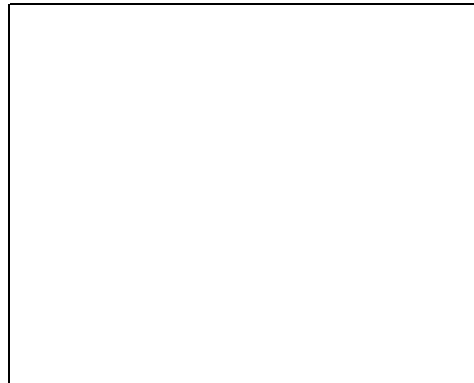
Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 33.06 |
| pH (s.u.) | 7.72 |
| Specific Conductivity (µS/cm) | 170.47 |
| Disssolved Oxygen (mg/L) | 6.55 |
| Oxidation Reduction Potential (mV) | 90.5 |
| Turbidity (NTU) | 0 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-3 |
| Samplers: | BRANDON WEIDNER,CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 8/23/2021 |
| | | Time: | 10:52 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 3.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-3-4-082321 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 8/23/2021 |
| Sample Start Time: | 11:31 |
| Sample End Date: | 8/23/2021 |
| Sample End Time: | 14:31 |
| Sample Date: | 08-23-2021 |
| Sample Time: | 14:31 |
| Number of Cycles: | 4 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (21) LL Including HFPO-DA and PFHpA; 537 Mod (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 30.28 |
| pH (s.u.) | 7.95 |
| Specific Conductivity (µS/cm) | 137.38 |
| Disssolved Oxygen (mg/L) | 6.37 |
| Oxidation Reduction Potential (mV) | 12.2 |
| Turbidity (NTU) | 67.06 |
| Total Dissolved Solids (mg/L) | |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 15:13 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 9.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-1-8-092121 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 09:16 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 16:46 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 16:46 |
| Number of Cycles: | 16 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 24.83 |
| pH (s.u.) | 7.67 |
| Specific Conductivity (µS/cm) | 133.05 |
| Disssolved Oxygen (mg/L) | 7.29 |
| Oxidation Reduction Potential (mV) | 104.2 |
| Turbidity (NTU) | 6.29 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 2 |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 15:41 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Cloudy and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 8.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-2-8-092121 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 09:21 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 16:51 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 16:51 |
| Number of Cycles: | 16 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 24.74 |
| pH (s.u.) | 7.27 |
| Specific Conductivity (µS/cm) | 69.63 |
| Disssolved Oxygen (mg/L) | 7.59 |
| Oxidation Reduction Potential (mV) | 75.5 |
| Turbidity (NTU) | 13.93 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 3 |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 15:48 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Cloudy and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 8.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-3-8-092121 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 09:11 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 16:41 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 16:41 |
| Number of Cycles: | 16 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 24.91 |
| pH (s.u.) | 6.6 |
| Specific Conductivity (µS/cm) | 61.87 |
| Disssolved Oxygen (mg/L) | 7.8 |
| Oxidation Reduction Potential (mV) | 97.4 |
| Turbidity (NTU) | 3.48 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 4 |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 15:31 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Cloudy and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 9.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-4-8-092121 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 09:35 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 17:05 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 17:05 |
| Number of Cycles: | 16 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

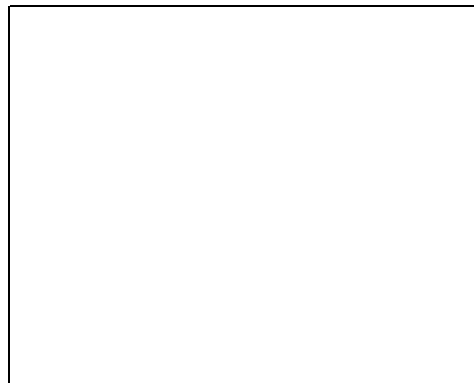
537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 24.83 |
| pH (s.u.) | 6.03 |
| Specific Conductivity (µS/cm) | 63.27 |
| Disssolved Oxygen (mg/L) | 7.88 |
| Oxidation Reduction Potential (mV) | 111.1 |
| Turbidity (NTU) | 1.23 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 5 |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 15:22 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Cloudy and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 8.0 | mph |
| Water Quality Condition: | Solids | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-5-7-092121 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 10:04 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 16:34 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 16:34 |
| Number of Cycles: | 14 |
| Total ISCO Run Time Hours: | 7 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 24.21 |
| pH (s.u.) | 7.11 |
| Specific Conductivity (µS/cm) | 480.47 |
| Disssolved Oxygen (mg/L) | 7.82 |
| Oxidation Reduction Potential (mV) | 123.3 |
| Turbidity (NTU) | 49.07 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 6B |
| Samplers: | JELANI GILL, SHARON MORAN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-23-2021 |
| | | Time: | 12:20 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 77.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 9.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-6B-092321 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 09-23-2021 |
| Sample Time: | 12:35 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 48.77 |
| pH (s.u.) | 7.36 |
| Specific Conductivity (µS/cm) | 14.67 |
| Disssolved Oxygen (mg/L) | 5.06 |
| Oxidation Reduction Potential (mV) | 52.7 |
| Turbidity (NTU) | 652.23 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Sample out of pipe onsite, temperature was noted to be hot to the touch.

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7A |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 13:35 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7A-9-092121 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 08:45 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 17:15 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 17:15 |
| Number of Cycles: | 18 |
| Total ISCO Run Time Hours: | 9 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 24.81 |
| pH (s.u.) | 7.38 |
| Specific Conductivity (µS/cm) | 57.88 |
| Disssolved Oxygen (mg/L) | 7.4 |
| Oxidation Reduction Potential (mV) | 109.8 |
| Turbidity (NTU) | 39.6 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7B |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 13:46 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 8.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7B-8-092121 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 09:21 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 16:51 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 16:51 |
| Number of Cycles: | 16 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 24.91 |
| pH (s.u.) | 7.37 |
| Specific Conductivity (µS/cm) | 79.2 |
| Disssolved Oxygen (mg/L) | 7.38 |
| Oxidation Reduction Potential (mV) | 107.4 |
| Turbidity (NTU) | 22.1 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7C |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 13:21 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7C-8-092121 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 11:03 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 18:33 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 18:33 |
| Number of Cycles: | 16 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 24.87 |
| pH (s.u.) | 7.31 |
| Specific Conductivity (µS/cm) | 105.82 |
| Disssolved Oxygen (mg/L) | 7.4 |
| Oxidation Reduction Potential (mV) | 113.5 |
| Turbidity (NTU) | 18.5 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 8 |
| Samplers: | JELANI GILL,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 9/24/2021 |
| | | Time: | 10:32 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Algal Blooms | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| | | |
|-----------------------------------|----------------------|--|
| Flow Reading: | | |
| SAMPLE DETAILS* | | ALL PARAMETERS ANALYZED |
| Sample ID: | STW-LOC-8-3.5-092321 | 537 MOD (HOLD) Table 3+ (21) LL Including HFPO-DA and PFHpA |
| QA/QC: | -- | |
| Field Filtered: | No | |
| Sampling Method: | ISCO | |
| Sample Start Date: | 09-23-2021 | |
| Sample Start Time: | 11:53 | |
| Sample End Date: | 09-23-2021 | |
| Sample End Time: | 14:53 | |
| Sample Date: | 09-23-2021 | |
| Sample Time: | 14:53 | |
| Number of Cycles: | 7 | *Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only. |
| Total ISCO Run Time Hours: | 3.5 | |

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 26.91 |
| pH (s.u.) | 8.47 |
| Specific Conductivity (µS/cm) | 1.53 |
| Disssolved Oxygen (mg/L) | 7.21 |
| Oxidation Reduction Potential (mV) | 105.7 |
| Turbidity (NTU) | 2.47 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9 |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 14:57 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-9-8-092121 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 14:15 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 21:45 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 21:45 |
| Number of Cycles: | 16 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 24.94 |
| pH (s.u.) | 7.19 |
| Specific Conductivity (µS/cm) | 113.99 |
| Disssolved Oxygen (mg/L) | 7.37 |
| Oxidation Reduction Potential (mV) | 116.7 |
| Turbidity (NTU) | 7.19 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9A |
| Samplers: | JELANI GILL, SHARON MORAN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-23-2021 |
| | | Time: | 12:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 77.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 9.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-9A-092321 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 09-23-2021 |
| Sample Time: | 12:00 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 29.01 |
| pH (s.u.) | 7.58 |
| Specific Conductivity (µS/cm) | 151.17 |
| Disssolved Oxygen (mg/L) | 6.73 |
| Oxidation Reduction Potential (mV) | 125.3 |
| Turbidity (NTU) | 271.68 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Grab sample, taken from inside newly installed NCCW pipe.

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 10A |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 15:04 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 8.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-10A-8-092121 |
| QA/QC: | MS/REP/D |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 08:14 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 15:44 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 15:44 |
| Number of Cycles: | 16 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 25.07 |
| pH (s.u.) | 6.76 |
| Specific Conductivity (µS/cm) | 111.08 |
| Disssolved Oxygen (mg/L) | 7.28 |
| Oxidation Reduction Potential (mV) | 118.6 |
| Turbidity (NTU) | 9.87 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 11 |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 14:37 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-11-8-092121 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 11:22 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 18:52 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 18:52 |
| Number of Cycles: | 16 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 24.97 |
| pH (s.u.) | 6.56 |
| Specific Conductivity (µS/cm) | 20.53 |
| Disssolved Oxygen (mg/L) | 7.37 |
| Oxidation Reduction Potential (mV) | 128.7 |
| Turbidity (NTU) | 23.5 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 12 |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 14:46 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 79.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 8.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-12-8-092121 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 11:16 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 18:46 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 18:46 |
| Number of Cycles: | 16 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 24.56 |
| pH (s.u.) | 6.97 |
| Specific Conductivity (µS/cm) | 86.47 |
| Disssolved Oxygen (mg/L) | 7.41 |
| Oxidation Reduction Potential (mV) | 107.4 |
| Turbidity (NTU) | 14.7 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 13 |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 14:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 78.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 9.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-13-8-092121 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 11:51 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 19:21 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 19:21 |
| Number of Cycles: | 16 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 24.72 |
| pH (s.u.) | 7.4 |
| Specific Conductivity (µS/cm) | 10.07 |
| Disssolved Oxygen (mg/L) | 7.42 |
| Oxidation Reduction Potential (mV) | 91 |
| Turbidity (NTU) | 5 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 14 |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 14:27 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 78.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 8.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-14-8-092121 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 10:58 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 18:28 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 18:28 |
| Number of Cycles: | 16 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 25.01 |
| pH (s.u.) | 7.52 |
| Specific Conductivity (µS/cm) | 26.77 |
| Disssolved Oxygen (mg/L) | 7.38 |
| Oxidation Reduction Potential (mV) | 98.1 |
| Turbidity (NTU) | 3.35 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 15 |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 13:52 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 8.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|-----------------------|
| Sample ID: | STW-LOC-15-7.5-092121 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 10:52 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 17:52 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 17:52 |
| Number of Cycles: | 15 |
| Total ISCO Run Time Hours: | 7.5 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 24.5 |
| pH (s.u.) | 7.36 |
| Specific Conductivity (µS/cm) | 81.74 |
| Disssolved Oxygen (mg/L) | 7.41 |
| Oxidation Reduction Potential (mV) | 113 |
| Turbidity (NTU) | 44.3 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 18 |
| Samplers: | JELANI GILL,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-24-2021 |
| | | Time: | 10:42 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Scum Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | White | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-18-4-092321 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-23-2021 |
| Sample Start Time: | 13:12 |
| Sample End Date: | 09-23-2021 |
| Sample End Time: | 16:42 |
| Sample Date: | 09-23-2021 |
| Sample Time: | 16:42 |
| Number of Cycles: | 8 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

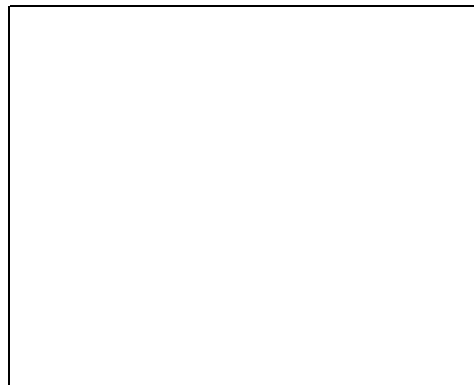
537 MOD (HOLD)|Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 28.26 |
| pH (s.u.) | 9.03 |
| Specific Conductivity (µS/cm) | 171.12 |
| Disssolved Oxygen (mg/L) | 6.84 |
| Oxidation Reduction Potential (mV) | 57.9 |
| Turbidity (NTU) | 81.92 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19A |
| Samplers: | JELANI GILL, SHARON MORAN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-23-2021 |
| | | Time: | 10:50 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 72.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 9.0 | mph |
| Water Quality Condition: | Odor and cloudy | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19A-092321 |
| QA/QC: | DUP MS REP |
| Field Filtered: | -- |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 09-23-2021 |
| Sample Time: | 10:50 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (HOLD)|Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 37.22 |
| pH (s.u.) | 7.21 |
| Specific Conductivity (µS/cm) | 93.59 |
| Disssolved Oxygen (mg/L) | 6 |
| Oxidation Reduction Potential (mV) | 106 |
| Turbidity (NTU) | 217.43 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19B |
| Samplers: | JELANI GILL, SHARON MORAN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-23-2021 |
| | | Time: | 11:10 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 72.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 9.0 | mph |
| Water Quality Condition: | Cloudy, odor | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19B-092321 |
| QA/QC: | -- |
| Field Filtered: | -- |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 09-23-2021 |
| Sample Time: | 11:10 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 28.18 |
| pH (s.u.) | 7.07 |
| Specific Conductivity (µS/cm) | 143.75 |
| Disssolved Oxygen (mg/L) | 7.82 |
| Oxidation Reduction Potential (mV) | 117.5 |
| Turbidity (NTU) | 245.82 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 20 |
| Samplers: | KEN STUART,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Wet | | |
| Site: | Fayetteville Works | Date: | 09-22-2021 |
| | | Time: | 13:10 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-20-8-092121 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-21-2021 |
| Sample Start Time: | 9:36 |
| Sample End Date: | 09-21-2021 |
| Sample End Time: | 17:06 |
| Sample Date: | 09-21-2021 |
| Sample Time: | 17:06 |
| Number of Cycles: | 16 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 24.55 |
| pH (s.u.) | 7.35 |
| Specific Conductivity (µS/cm) | 88.38 |
| Disssolved Oxygen (mg/L) | 7.41 |
| Oxidation Reduction Potential (mV) | 98.6 |
| Turbidity (NTU) | 32.8 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 21B |
| Samplers: | JELANI GILL, SHARON MORAN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-23-2021 |
| | | Time: | 11:40 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 77.0 | degrees F |
| Water Flow: | Flowing into Pond | Wind Speed: | 9.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Clear | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-21B-092321 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 09-23-2021 |
| Sample Time: | 11:40 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

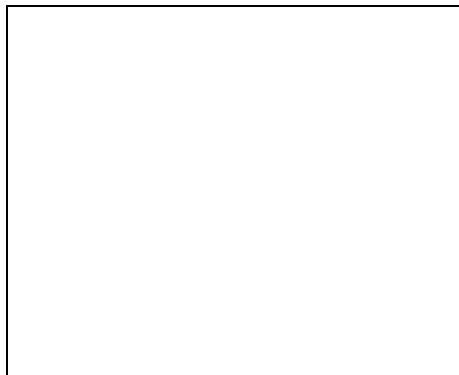
537 MOD (HOLD)| Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 26.61 |
| pH (s.u.) | 7.8 |
| Specific Conductivity (µS/cm) | 164.88 |
| Dissolved Oxygen (mg/L) | 8.87 |
| Oxidation Reduction Potential (mV) | 105.1 |
| Turbidity (NTU) | 1172.2 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location: Plant has switched sediment ponds, 21A has been sealed and water diverted to 21B.

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 22 |
| Samplers: | JELANI GILL,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-24-2021 |
| | | Time: | 10:20 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Scum Solids Foam | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | White | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-22-4-092321 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-23-2021 |
| Sample Start Time: | 11:29 |
| Sample End Date: | 09-23-2021 |
| Sample End Time: | 14:59 |
| Sample Date: | 09-23-2021 |
| Sample Time: | 14:59 |
| Number of Cycles: | 8 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

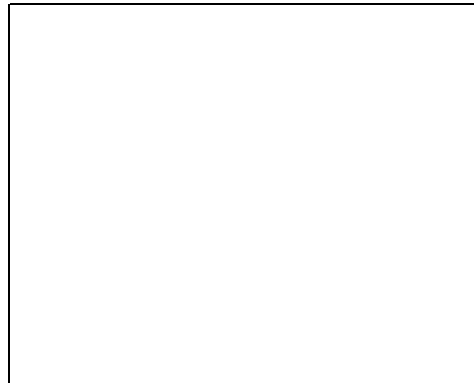
537 MOD (HOLD)|Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|------|
| Temperature (°C) | 30.4 |
| pH (s.u.) | 9.31 |
| Specific Conductivity (µS/cm) | 0.17 |
| Disssolved Oxygen (mg/L) | 6.18 |
| Oxidation Reduction Potential (mV) | 93.5 |
| Turbidity (NTU) | 298 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-1 |
| Samplers: | JELANI GILL,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-24-2021 |
| | | Time: | 11:02 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-23C-1-092421 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 09-24-2021 |
| Sample Time: | 11:15 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 29.05 |
| pH (s.u.) | 5.17 |
| Specific Conductivity (µS/cm) | 203.02 |
| Disssolved Oxygen (mg/L) | 7.11 |
| Oxidation Reduction Potential (mV) | 127.6 |
| Turbidity (NTU) | 10.94 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-2 |
| Samplers: | JELANI GILL,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-24-2021 |
| | | Time: | 10:55 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-2-4-092321 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-23-2021 |
| Sample Start Time: | 13:41 |
| Sample End Date: | 09-23-2021 |
| Sample End Time: | 17:11 |
| Sample Date: | 09-23-2021 |
| Sample Time: | 17:11 |
| Number of Cycles: | 8 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 31.06 |
| pH (s.u.) | 7.19 |
| Specific Conductivity (µS/cm) | 174.51 |
| Disssolved Oxygen (mg/L) | 6.57 |
| Oxidation Reduction Potential (mV) | 43.8 |
| Turbidity (NTU) | 1.47 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-3 |
| Samplers: | JELANI GILL,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-24-2021 |
| | | Time: | 10:42 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 80.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-3-4-092321 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-23-2021 |
| Sample Start Time: | 13:23 |
| Sample End Date: | 09-23-2021 |
| Sample End Time: | 16:53 |
| Sample Date: | 09-23-2021 |
| Sample Time: | 16:53 |
| Number of Cycles: | 8 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

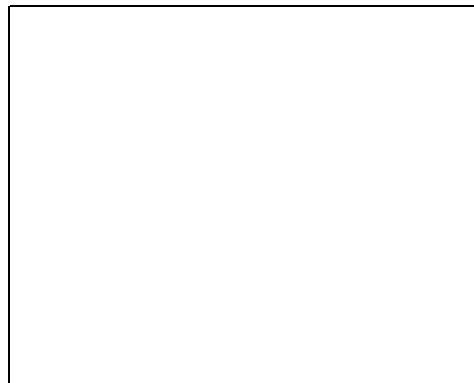
537 MOD (HOLD) | Table 3+ (21) LL Including HFPO-DA and PFHpA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 28.99 |
| pH (s.u.) | 8.16 |
| Specific Conductivity (µS/cm) | 144.45 |
| Disssolved Oxygen (mg/L) | 6.79 |
| Oxidation Reduction Potential (mV) | -26.6 |
| Turbidity (NTU) | 44.47 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | BRANDON WEIDNER,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 10:55 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 45.0 | degrees F |
| Water Flow: | Yes | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-1-8-120821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-08-2021 |
| Sample Start Time: | 06:12 |
| Sample End Date: | 12-08-2021 |
| Sample End Time: | 13:32 |
| Sample Date: | 12-08-2021 |
| Sample Time: | 13:32 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 15.39 |
| pH (s.u.) | 7.82 |
| Specific Conductivity (µS/cm) | 190.85 |
| Disssolved Oxygen (mg/L) | 9.15 |
| Oxidation Reduction Potential (mV) | 92 |
| Turbidity (NTU) | 5.66 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 2 |
| Samplers: | BRANDON WEIDNER,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 11:08 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 45.0 | degrees F |
| Water Flow: | Yes | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-2-4-120821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12/8/2021 |
| Sample Start Time: | 08:54 |
| Sample End Date: | 12/8/2021 |
| Sample End Time: | 16:34 |
| Sample Date: | 12/8/2021 |
| Sample Time: | 16:34 |
| Number of Cycles: | 6 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 16.53 |
| pH (s.u.) | 7.65 |
| Specific Conductivity (µS/cm) | 26.27 |
| Disssolved Oxygen (mg/L) | 9.44 |
| Oxidation Reduction Potential (mV) | 100.4 |
| Turbidity (NTU) | 10.1 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 3 |
| Samplers: | BRANDON WEIDNER,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 11:03 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 45.0 | degrees F |
| Water Flow: | Yes | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|-----------------------|
| Sample ID: | STW-LOC-3-7.33-120821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-08-2021 |
| Sample Start Time: | 07:16 |
| Sample End Date: | 12-08-2021 |
| Sample End Time: | 14:36 |
| Sample Date: | 12-08-2021 |
| Sample Time: | 14:36 |
| Number of Cycles: | 11 |
| Total ISCO Run Time Hours: | 7.33 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13)
PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 15.98 |
| pH (s.u.) | 7.41 |
| Specific Conductivity (µS/cm) | 81.22 |
| Disssolved Oxygen (mg/L) | 9.37 |
| Oxidation Reduction Potential (mV) | 130.5 |
| Turbidity (NTU) | 23.4 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 4 |
| Samplers: | BRANDON WEIDNER,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 10:44 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 44.0 | degrees F |
| Water Flow: | Yes | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-4-4-120821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-08-2021 |
| Sample Start Time: | 7:26 |
| Sample End Date: | 12-08-2021 |
| Sample End Time: | 10:46 |
| Sample Date: | 12-08-2021 |
| Sample Time: | 10:46 |
| Number of Cycles: | 6 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 14.44 |
| pH (s.u.) | 8.37 |
| Specific Conductivity (µS/cm) | 20.84 |
| Disssolved Oxygen (mg/L) | 9.72 |
| Oxidation Reduction Potential (mV) | 66.6 |
| Turbidity (NTU) | 7.51 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 5 |
| Samplers: | BRANDON WEIDNER,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 10:39 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 44.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|-----------------------|
| Sample ID: | STW-LOC-5-2.66-120821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-08-2021 |
| Sample Start Time: | 7:17 |
| Sample End Date: | 12/8/2021 |
| Sample End Time: | 10:37 |
| Sample Date: | 12-08-2021 |
| Sample Time: | 10:37 |
| Number of Cycles: | 4 |
| Total ISCO Run Time Hours: | 2.66 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 14.73 |
| pH (s.u.) | 8.51 |
| Specific Conductivity (µS/cm) | 63.12 |
| Disssolved Oxygen (mg/L) | 9.43 |
| Oxidation Reduction Potential (mV) | 41.4 |
| Turbidity (NTU) | 28.1 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 6B |
| Samplers: | BRANDON WEIDNER, LUIS TORRES | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-09-2021 |
| | | Time: | 12:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 46.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|--|
| |
|--|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-6B-120921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 12-09-2021 |
| Sample Time: | 12:03 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|---|
| Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 54.48 |
| pH (s.u.) | 8.11 |
| Specific Conductivity (µS/cm) | 185.19 |
| Disssolved Oxygen (mg/L) | 3.29 |
| Oxidation Reduction Potential (mV) | 13.3 |
| Turbidity (NTU) | 2.38 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7A |
| Samplers: | KIRSTEN GARD,LUIS TORRES | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 10:40 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 42.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7A-8-120821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12/8/2021 |
| Sample Start Time: | 6:52 |
| Sample End Date: | 12/8/2021 |
| Sample End Time: | 14:32 |
| Sample Date: | 12/8/2021 |
| Sample Time: | 14:32 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 9.75 |
| pH (s.u.) | 7.05 |
| Specific Conductivity (µS/cm) | 95.14 |
| Disssolved Oxygen (mg/L) | 11.39 |
| Oxidation Reduction Potential (mV) | 157.3 |
| Turbidity (NTU) | 11.57 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7B |
| Samplers: | KIRSTEN GARD,LUIS TORRES | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 09:42 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 44.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-7B-5.33-120821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12/8/2021 |
| Sample Start Time: | 7:14 |
| Sample End Date: | 12/8/2021 |
| Sample End Time: | 11:54 |
| Sample Date: | 12/8/2021 |
| Sample Time: | 11:54 |
| Number of Cycles: | 8 |
| Total ISCO Run Time Hours: | 5.33 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 9.79 |
| pH (s.u.) | 7.32 |
| Specific Conductivity (µS/cm) | 121.81 |
| Disssolved Oxygen (mg/L) | 10.47 |
| Oxidation Reduction Potential (mV) | 88 |
| Turbidity (NTU) | 34.34 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7C |
| Samplers: | KIRSTEN GARD,LUIS TORRES | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 10:29 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 42.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7C-8-120821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12/8/2021 |
| Sample Start Time: | 9:17 |
| Sample End Date: | 12/8/2021 |
| Sample End Time: | 16:37 |
| Sample Date: | 12/8/2021 |
| Sample Time: | 16:37 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 10.5 |
| pH (s.u.) | 7.06 |
| Specific Conductivity (µS/cm) | 149.75 |
| Disssolved Oxygen (mg/L) | 10.42 |
| Oxidation Reduction Potential (mV) | 146.7 |
| Turbidity (NTU) | 11.9 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 8 |
| Samplers: | BRANDON WEIDNER, KIRSTEN GARD | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12/9/2021 |
| | | Time: | 09:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 46.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-8-4-120921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-09-2021 |
| Sample Start Time: | 13:11 |
| Sample End Date: | 12-09-2021 |
| Sample End Time: | 16:51 |
| Sample Date: | 12-09-2021 |
| Sample Time: | 16:51 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 14.3 |
| pH (s.u.) | 8.51 |
| Specific Conductivity (µS/cm) | 1122.8 |
| Disssolved Oxygen (mg/L) | 9.41 |
| Oxidation Reduction Potential (mV) | -14.1 |
| Turbidity (NTU) | 0.91 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9 |
| Samplers: | BRANDON WEIDNER,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 11:12 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 46.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|-----------------------|
| Sample ID: | STW-LOC-9-1.33-120821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-08-2021 |
| Sample Start Time: | 11:02 |
| Sample End Date: | 12-08-2021 |
| Sample End Time: | 11:42 |
| Sample Date: | 12-08-2021 |
| Sample Time: | 11:42 |
| Number of Cycles: | 2 |
| Total ISCO Run Time Hours: | 1.33 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13)
PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 18.26 |
| pH (s.u.) | 7.35 |
| Specific Conductivity (µS/cm) | 166.66 |
| Disssolved Oxygen (mg/L) | 8.38 |
| Oxidation Reduction Potential (mV) | 115 |
| Turbidity (NTU) | 5.48 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9A |
| Samplers: | BRANDON WEIDNER, LUIS TORRES | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-09-2021 |
| | | Time: | 12:38 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 48.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-9A-120921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 12-09-2021 |
| Sample Time: | 12:45 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 19.37 |
| pH (s.u.) | 7.92 |
| Specific Conductivity (µS/cm) | 205.1 |
| Disssolved Oxygen (mg/L) | 8.61 |
| Oxidation Reduction Potential (mV) | 53.2 |
| Turbidity (NTU) | 2.31 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 10A |
| Samplers: | BRANDON WEIDNER,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 10:48 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 45.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 8.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-10A-8-120821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-08-2021 |
| Sample Start Time: | 06:12 |
| Sample End Date: | 12-08-2021 |
| Sample End Time: | 13:32 |
| Sample Date: | 12-08-2021 |
| Sample Time: | 13:32 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 17.18 |
| pH (s.u.) | 7.84 |
| Specific Conductivity (µS/cm) | 176.63 |
| Disssolved Oxygen (mg/L) | 8.61 |
| Oxidation Reduction Potential (mV) | 87.6 |
| Turbidity (NTU) | 5.85 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 11 |
| Samplers: | BRANDON WEIDNER,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 11:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 45.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-11-8-120821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-08-2021 |
| Sample Start Time: | 08:15 |
| Sample End Date: | 12-08-2021 |
| Sample End Time: | 15:35 |
| Sample Date: | 12-08-2021 |
| Sample Time: | 15:35 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 15.35 |
| pH (s.u.) | 7.22 |
| Specific Conductivity (µS/cm) | 98.25 |
| Disssolved Oxygen (mg/L) | 9.04 |
| Oxidation Reduction Potential (mV) | 156.6 |
| Turbidity (NTU) | 26.8 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 12 |
| Samplers: | BRANDON WEIDNER,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 10:51 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 45.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-12-8-120821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-08-2021 |
| Sample Start Time: | 07:11 |
| Sample End Date: | 12-08-2021 |
| Sample End Time: | 14:31 |
| Sample Date: | 12-08-2021 |
| Sample Time: | 14:31 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 16.1 |
| pH (s.u.) | 7.99 |
| Specific Conductivity (µS/cm) | 78.05 |
| Disssolved Oxygen (mg/L) | 9.33 |
| Oxidation Reduction Potential (mV) | 87.5 |
| Turbidity (NTU) | 14.5 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 13 |
| Samplers: | KIRSTEN GARD,LUIS TORRES | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 09:45 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 41.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-13-8-121321 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12/8/2021 |
| Sample Start Time: | 7:14 |
| Sample End Date: | 12/8/2021 |
| Sample End Time: | 14:34 |
| Sample Date: | 12/8/2021 |
| Sample Time: | 14:34 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13)
PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 13.4 |
| pH (s.u.) | 7.06 |
| Specific Conductivity (µS/cm) | 23.76 |
| Disssolved Oxygen (mg/L) | 9.99 |
| Oxidation Reduction Potential (mV) | 135.6 |
| Turbidity (NTU) | 3.76 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 14 |
| Samplers: | BRANDON WEIDNER,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 10:33 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 45.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-14-8-120821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-08-2021 |
| Sample Start Time: | 7:18 |
| Sample End Date: | 12-08-2021 |
| Sample End Time: | 14:38 |
| Sample Date: | 12-08-2021 |
| Sample Time: | 14:38 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13)
PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 21.92 |
| pH (s.u.) | 8.2 |
| Specific Conductivity (µS/cm) | 406.64 |
| Disssolved Oxygen (mg/L) | 7.44 |
| Oxidation Reduction Potential (mV) | 17.8 |
| Turbidity (NTU) | 13 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 15 |
| Samplers: | KIRSTEN GARD,LUIS TORRES | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 09:48 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 45.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-15-8-120821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12/8/2021 |
| Sample Start Time: | 6:12 |
| Sample End Date: | 12/8/2021 |
| Sample End Time: | 13:32 |
| Sample Date: | 12/8/2021 |
| Sample Time: | 13:32 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 9.55 |
| pH (s.u.) | 7.05 |
| Specific Conductivity (µS/cm) | 109.6 |
| Disssolved Oxygen (mg/L) | 10.16 |
| Oxidation Reduction Potential (mV) | 109.6 |
| Turbidity (NTU) | 20.7 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 18 |
| Samplers: | BRANDON WEIDNER, KIRSTEN GARD | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-10-2021 |
| | | Time: | 09:48 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 47.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-18-4-121021 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12/10/2021 |
| Sample Start Time: | 13:05 |
| Sample End Date: | 12/10/2021 |
| Sample End Time: | 16:45 |
| Sample Date: | 12/10/2021 |
| Sample Time: | 16:45 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 18.93 |
| pH (s.u.) | 9.26 |
| Specific Conductivity (µS/cm) | 163.06 |
| Disssolved Oxygen (mg/L) | 7.17 |
| Oxidation Reduction Potential (mV) | 12.2 |
| Turbidity (NTU) | 91.6 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19A |
| Samplers: | BRANDON WEIDNER, LUIS TORRES | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-09-2021 |
| | | Time: | 11:55 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 46.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19A-120921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | - |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 12/9/2021 |
| Sample Time: | 11:35 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 29.49 |
| pH (s.u.) | 8.31 |
| Specific Conductivity (µS/cm) | 371.43 |
| Disssolved Oxygen (mg/L) | 5.6 |
| Oxidation Reduction Potential (mV) | -21 |
| Turbidity (NTU) | 213.31 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19B |
| Samplers: | BEN KRAUSE,LUIS TORRES | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-09-2021 |
| | | Time: | 11:35 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 46.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19B-120921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 12-09-2021 |
| Sample Time: | 11:55 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

537 MOD Including HFPO-DA | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 31.95 |
| pH (s.u.) | 7.96 |
| Specific Conductivity (µS/cm) | 150.41 |
| Disssolved Oxygen (mg/L) | 6.85 |
| Oxidation Reduction Potential (mV) | 10.3 |
| Turbidity (NTU) | 16.4 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 20 |
| Samplers: | KIRSTEN GARD,LUIS TORRES | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 12-08-2021 |
| | | Time: | 10:10 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 42.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-20-4.66-120821 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12/8/2021 |
| Sample Start Time: | 7:31 |
| Sample End Date: | 12/8/2021 |
| Sample End Time: | 11:31 |
| Sample Date: | 12/8/2021 |
| Sample Time: | 11:31 |
| Number of Cycles: | 7 |
| Total ISCO Run Time Hours: | 4.66 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 12.79 |
| pH (s.u.) | 7.18 |
| Specific Conductivity (µS/cm) | 108.68 |
| Disssolved Oxygen (mg/L) | 9.98 |
| Oxidation Reduction Potential (mV) | 127.2 |
| Turbidity (NTU) | 17.27 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 21B |
| Samplers: | BRANDON WEIDNER, LUIS TORRES | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-09-2021 |
| | | Time: | 12:20 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 47.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-21B-120921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 12-09-2021 |
| Sample Time: | 12:45 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|---|
| 537 MOD Including HFPO-DA Table 3+ (20) Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 11.43 |
| pH (s.u.) | 8.11 |
| Specific Conductivity (µS/cm) | 197.36 |
| Disssolved Oxygen (mg/L) | 10.23 |
| Oxidation Reduction Potential (mV) | 9.8 |
| Turbidity (NTU) | 2.31 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 22 |
| Samplers: | BRANDON WEIDNER, KIRSTEN GARD | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12/9/2021 |
| | | Time: | 12:33 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 46.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Scum Foam | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | Milky | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-22-4-120921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-09-2021 |
| Sample Start Time: | 12:41 |
| Sample End Date: | 12-09-2021 |
| Sample End Time: | 16:21 |
| Sample Date: | 12-09-2021 |
| Sample Time: | 16:21 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 23.28 |
| pH (s.u.) | 9.44 |
| Specific Conductivity (µS/cm) | 364.38 |
| Disssolved Oxygen (mg/L) | 6.99 |
| Oxidation Reduction Potential (mV) | -87.5 |
| Turbidity (NTU) | 190 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-1 |
| Samplers: | BRANDON WEIDNER, KIRSTEN GARD | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-10-2021 |
| | | Time: | 10:04 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-------------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 46.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Oil Grease | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless and Red layer | | | |
| Water Odor: | Yes | | | |

Other Significant Observations or Unusual Occurences:

Red greasy film on the top layer of surface

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-1-4-121021 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12/10/2021 |
| Sample Start Time: | 11:28 |
| Sample End Date: | 12/10/2021 |
| Sample End Time: | 15:08 |
| Sample Date: | 12/10/2021 |
| Sample Time: | 15:08 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

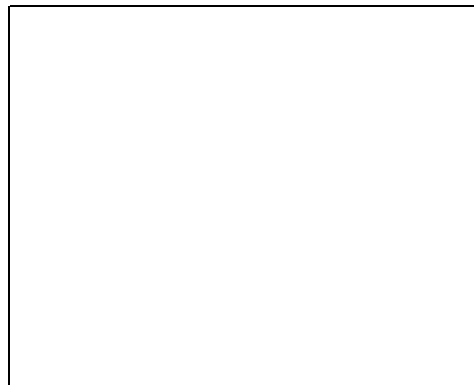
Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 16.94 |
| pH (s.u.) | 7.65 |
| Specific Conductivity (µS/cm) | 215.53 |
| Disssolved Oxygen (mg/L) | 8.47 |
| Oxidation Reduction Potential (mV) | -18.4 |
| Turbidity (NTU) | 9.36 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-2 |
| Samplers: | BRANDON WEIDNER, KIRSTEN GARD | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12/9/2021 |
| | | Time: | 13:45 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 46.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-2-4-120921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-09-2021 |
| Sample Start Time: | 13:51 |
| Sample End Date: | 12-09-2021 |
| Sample End Time: | 17:31 |
| Sample Date: | 12-09-2021 |
| Sample Time: | 17:31 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 20.12 |
| pH (s.u.) | 7.13 |
| Specific Conductivity (µS/cm) | 197.97 |
| Disssolved Oxygen (mg/L) | 7.84 |
| Oxidation Reduction Potential (mV) | -23.2 |
| Turbidity (NTU) | 2.14 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-3 |
| Samplers: | BRANDON WEIDNER, KIRSTEN GARD | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12/9/2021 |
| | | Time: | 13:35 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 46.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------------|
| Sample ID: | STW-LOC-23C-3-3.33-120921 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-09-2021 |
| Sample Start Time: | 13:46 |
| Sample End Date: | 12-09-2021 |
| Sample End Time: | 17:06 |
| Sample Date: | 12-09-2021 |
| Sample Time: | 16:46 |
| Number of Cycles: | 10 |
| Total ISCO Run Time Hours: | 3.33 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA, 537 MOD (13) PFCAs

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 17.34 |
| pH (s.u.) | 9.63 |
| Specific Conductivity (µS/cm) | 468.69 |
| Disssolved Oxygen (mg/L) | 8.53 |
| Oxidation Reduction Potential (mV) | 6.4 |
| Turbidity (NTU) | 124.5 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | LUKE TART,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 01-19-2022 |
| | | Time: | 12:13 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 56.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-1-4-011922 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 01-19-2022 |
| Sample Start Time: | 12:21 |
| Sample End Date: | 01-19-2022 |
| Sample End Time: | 16:01 |
| Sample Date: | 01-19-2022 |
| Sample Time: | 16:01 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13) PFCAs|Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 13.49 |
| pH (s.u.) | 6.99 |
| Specific Conductivity (µS/cm) | 99.24 |
| Disssolved Oxygen (mg/L) | 10.64 |
| Oxidation Reduction Potential (mV) | 135.5 |
| Turbidity (NTU) | 31.2 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 3 |
| Samplers: | KIRSTEN GARD,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 1/17/2022 |
| | | Time: | 12:45 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 50.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 10.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-3-8-011622 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 01-16-2022 |
| Sample Start Time: | 15:45 |
| Sample End Date: | 01-16-2022 |
| Sample End Time: | 23:05 |
| Sample Date: | 01-16-2022 |
| Sample Time: | 23:05 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

537 MOD (13) PFCAs|Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 10.35 |
| pH (s.u.) | 6.48 |
| Specific Conductivity (µS/cm) | 349.27 |
| Disssolved Oxygen (mg/L) | 9.69 |
| Oxidation Reduction Potential (mV) | 116.8 |
| Turbidity (NTU) | 4.46 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 5 |
| Samplers: | BRANDON WEIDNER,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 1/17/2022 |
| | | Time: | 13:20 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 50.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 12.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-5-6-011622 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 01-16-2022 |
| Sample Start Time: | 14:05 |
| Sample End Date: | 01-16-2022 |
| Sample End Time: | 18:45 |
| Sample Date: | 01-16-2022 |
| Sample Time: | 18:45 |
| Number of Cycles: | 8 |
| Total ISCO Run Time Hours: | 6 |

ALL PARAMETERS ANALYZED

| |
|--|
| 537 MOD (13) PFCAs Table 3+ (20) Including HFPO-DA |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 6.92 |
| pH (s.u.) | 6.58 |
| Specific Conductivity (µS/cm) | 37.1 |
| Disssolved Oxygen (mg/L) | 11.14 |
| Oxidation Reduction Potential (mV) | 142.8 |
| Turbidity (NTU) | 23.7 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7A |
| Samplers: | LUKE TART,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 1/19/2022 |
| | | Time: | 12:35 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 56.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 3.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading:

| |
|---|
| - |
|---|

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7A-4-011922 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 01-19-2022 |
| Sample Start Time: | 12:41 |
| Sample End Date: | 1/19/2022 |
| Sample End Time: | 16:21 |
| Sample Date: | 01-19-2022 |
| Sample Time: | 16:21 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--|
| 537 MOD (13) PFCAs Table 3+ (20) Including HFPO-DA |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 14.57 |
| pH (s.u.) | 7.29 |
| Specific Conductivity (µS/cm) | 120.01 |
| Disssolved Oxygen (mg/L) | 10.93 |
| Oxidation Reduction Potential (mV) | 146.4 |
| Turbidity (NTU) | 29.88 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7B |
| Samplers: | KIRSTEN GARD,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 01-17-2022 |
| | | Time: | 15:37 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 52.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 12.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7B-8-011622 |
| QA/QC: | DUP MS REP |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 01-16-2022 |
| Sample Start Time: | 15:12 |
| Sample End Date: | 01-16-2022 |
| Sample End Time: | 22:32 |
| Sample Date: | 01-16-2022 |
| Sample Time: | 22:32 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|--|
| 537 MOD (13) PFCAs Table 3+ (20) Including HFPO-DA |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 9.13 |
| pH (s.u.) | 7.05 |
| Specific Conductivity (µS/cm) | 220.18 |
| Disssolved Oxygen (mg/L) | 10.77 |
| Oxidation Reduction Potential (mV) | 95.5 |
| Turbidity (NTU) | 20.16 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7C |
| Samplers: | KIRSTEN GARD,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 1/17/2022 |
| | | Time: | 15:42 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 50.0 | degrees F |
| Water Flow: | - | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
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| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7C-8-011622 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 1/16/2022 |
| Sample Start Time: | 08:29 |
| Sample End Date: | 01-16-2022 |
| Sample End Time: | 16:49 |
| Sample Date: | 01-16-2022 |
| Sample Time: | 16:49 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|--|
| 537 MOD (13) PFCAs Table 3+ (20) Including HFPO-DA |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 6.91 |
| pH (s.u.) | 6.73 |
| Specific Conductivity (µS/cm) | 178.86 |
| Disssolved Oxygen (mg/L) | 11.43 |
| Oxidation Reduction Potential (mV) | 144.4 |
| Turbidity (NTU) | 17.11 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|---|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 8 |
| Samplers: | BRANDON WEIDNER,CHARLES PACE,KEN STUART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 01-19-2022 |
| | | Time: | 11:45 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 55.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
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Flow Reading:

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| - |
|---|

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-8-4-011922 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 01-19-2022 |
| Sample Start Time: | 11:55 |
| Sample End Date: | 01-19-2022 |
| Sample End Time: | 15:35 |
| Sample Date: | 01-19-2022 |
| Sample Time: | 15:35 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--|
| 537 MOD (13) PFCAs Table 3+ (20) Including HFPO-DA |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 11.62 |
| pH (s.u.) | 7.89 |
| Specific Conductivity (µS/cm) | 1866.2 |
| Disssolved Oxygen (mg/L) | 10.24 |
| Oxidation Reduction Potential (mV) | 138.5 |
| Turbidity (NTU) | 1.86 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9 |
| Samplers: | LUKE TART,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 1/19/2022 |
| | | Time: | 12:01 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 56.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-9-4-011922 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 1/19/2022 |
| Sample Start Time: | 12:10 |
| Sample End Date: | 01-19-2022 |
| Sample End Time: | 15:50 |
| Sample Date: | 01-19-2022 |
| Sample Time: | 15:50 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13) PFCAs|Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 16.01 |
| pH (s.u.) | 7.32 |
| Specific Conductivity (µS/cm) | 106.94 |
| Disssolved Oxygen (mg/L) | 9.67 |
| Oxidation Reduction Potential (mV) | 140.2 |
| Turbidity (NTU) | 23.3 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9A |
| Samplers: | LUKE TART,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 01-19-2022 |
| | | Time: | 12:14 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 56.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-9A-011922 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 1/19/2022 |
| Sample Time: | 16:00 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|--|
| 537 MOD (13) PFCAs Table 3+ (20) Including HFPO-DA |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 17.6 |
| pH (s.u.) | 7.23 |
| Specific Conductivity (µS/cm) | 111.56 |
| Disssolved Oxygen (mg/L) | 9.27 |
| Oxidation Reduction Potential (mV) | 155.1 |
| Turbidity (NTU) | 25.51 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 10A |
| Samplers: | LUKE TART,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 1/19/2022 |
| | | Time: | 12:06 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 56.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-10A-4-011922 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 1/19/2022 |
| Sample Start Time: | 12:14 |
| Sample End Date: | 1/19/2022 |
| Sample End Time: | 15:54 |
| Sample Date: | 01-19-2022 |
| Sample Time: | 15:54 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--|
| 537 MOD (13) PFCAs Table 3+ (20) Including HFPO-DA |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 14.75 |
| pH (s.u.) | 7.38 |
| Specific Conductivity (µS/cm) | 131.85 |
| Disssolved Oxygen (mg/L) | 10.03 |
| Oxidation Reduction Potential (mV) | 140.8 |
| Turbidity (NTU) | 14.88 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 11 |
| Samplers: | BRANDON WEIDNER,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 01-17-2022 |
| | | Time: | 14:21 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 52.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 12.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-11-8-011622 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 01-16-2022 |
| Sample Start Time: | 11:12 |
| Sample End Date: | 01-16-2022 |
| Sample End Time: | 18:32 |
| Sample Date: | 01-16-2022 |
| Sample Time: | 18:32 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|--|
| 537 MOD (13) PFCAs Table 3+ (20) Including HFPO-DA |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 6.7 |
| pH (s.u.) | 5.91 |
| Specific Conductivity (µS/cm) | 44.08 |
| Disssolved Oxygen (mg/L) | 11.37 |
| Oxidation Reduction Potential (mV) | 196.5 |
| Turbidity (NTU) | 40.2 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

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|---|
| - |
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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 12 |
| Samplers: | BRANDON WEIDNER,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 01-17-2022 |
| | | Time: | 13:55 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 50.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 12.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-12-8-011622 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 01-16-2022 |
| Sample Start Time: | 16:09 |
| Sample End Date: | 01-16-2022 |
| Sample End Time: | 23:29 |
| Sample Date: | 01-16-2022 |
| Sample Time: | 23:29 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|--|
| 537 MOD (13) PFCAs Table 3+ (20) Including HFPO-DA |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 7.15 |
| pH (s.u.) | 6.23 |
| Specific Conductivity (µS/cm) | 19.24 |
| Disssolved Oxygen (mg/L) | 10.9 |
| Oxidation Reduction Potential (mV) | 179.2 |
| Turbidity (NTU) | 46.1 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
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Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 13 |
| Samplers: | BRANDON WEIDNER,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 01-17-2022 |
| | | Time: | 15:30 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 52.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 12.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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|---|
| - |
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Flow Reading:

| |
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| - |
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SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-13-8-011622 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 01-16-2022 |
| Sample Start Time: | 09:36 |
| Sample End Date: | 01-16-2022 |
| Sample End Time: | 16:56 |
| Sample Date: | 01-16-2022 |
| Sample Time: | 16:56 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

| |
|--|
| 537 MOD (13) PFCAs Table 3+ (20) Including HFPO-DA |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 7.85 |
| pH (s.u.) | 6.51 |
| Specific Conductivity (µS/cm) | 19.15 |
| Disssolved Oxygen (mg/L) | 10.95 |
| Oxidation Reduction Potential (mV) | 176.7 |
| Turbidity (NTU) | 11.2 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 15 |
| Samplers: | KIRSTEN GARD,LUKE TART | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 01-17-2022 |
| | | Time: | 15:16 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 50.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-15-8-011622 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 1/16/2022 |
| Sample Start Time: | 13:45 |
| Sample End Date: | 01-16-2022 |
| Sample End Time: | 21:05 |
| Sample Date: | 01-16-2022 |
| Sample Time: | 21:05 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 8 |

ALL PARAMETERS ANALYZED

537 MOD (13) PFCAs|Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 7.44 |
| pH (s.u.) | 6.98 |
| Specific Conductivity (µS/cm) | 99.21 |
| Disssolved Oxygen (mg/L) | 11.16 |
| Oxidation Reduction Potential (mV) | 111.5 |
| Turbidity (NTU) | 19.26 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 18 |
| Samplers: | BRANDON WEIDNER,CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 01-19-2022 |
| | | Time: | 12:45 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 61.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-18-4-011922 |
| QA/QC: | DUP MS REP |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 01-19-2022 |
| Sample Start Time: | 12:46 |
| Sample End Date: | 01-19-2022 |
| Sample End Time: | 16:26 |
| Sample Date: | 01-19-2022 |
| Sample Time: | 16:26 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--|
| 537 MOD (13) PFCAs Table 3+ (20) Including HFPO-DA |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 18.72 |
| pH (s.u.) | 10.25 |
| Specific Conductivity (µS/cm) | 107.2 |
| Disssolved Oxygen (mg/L) | 7.52 |
| Oxidation Reduction Potential (mV) | 38.9 |
| Turbidity (NTU) | 81.66 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19A |
| Samplers: | LUKE TART,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 1/19/2022 |
| | | Time: | 15:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 54.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Solids Foam | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | White | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19A-011922 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 1/19/2022 |
| Sample Time: | 15:20 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|--|
| 537 MOD (13) PFCAs Table 3+ (20) Including HFPO-DA |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 9.47 |
| pH (s.u.) | 7.94 |
| Specific Conductivity (µS/cm) | 13.24 |
| Disssolved Oxygen (mg/L) | 9.96 |
| Oxidation Reduction Potential (mV) | 114.9 |
| Turbidity (NTU) | 175.12 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19B |
| Samplers: | LUKE TART,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 1/19/2022 |
| | | Time: | 15:12 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 56.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

-

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19B-011922 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 01-19-2022 |
| Sample Time: | 15:30 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

537 MOD (13) PFCAs|Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 26.08 |
| pH (s.u.) | 7.93 |
| Specific Conductivity (µS/cm) | 123.79 |
| Disssolved Oxygen (mg/L) | 6.51 |
| Oxidation Reduction Potential (mV) | 123.7 |
| Turbidity (NTU) | 36.25 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

-

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 21B |
| Samplers: | LUKE TART,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 01-19-2022 |
| | | Time: | 13:11 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 53.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 2.0 | mph |
| Water Quality Condition: | Solids | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-21B-011922 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | - |
| Sample Start Time: | - |
| Sample End Date: | - |
| Sample End Time: | - |
| Sample Date: | 1/19/2022 |
| Sample Time: | 13:20 |
| Number of Cycles: | - |
| Total ISCO Run Time Hours: | - |

ALL PARAMETERS ANALYZED

| |
|--|
| 537 MOD (13) PFCAs Table 3+ (20) Including HFPO-DA |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 12.46 |
| pH (s.u.) | 7.1 |
| Specific Conductivity (µS/cm) | 156.35 |
| Disssolved Oxygen (mg/L) | 10.56 |
| Oxidation Reduction Potential (mV) | 154.4 |
| Turbidity (NTU) | 40.2 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 22 |
| Samplers: | BRANDON WEIDNER, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 01-19-2022 |
| | | Time: | 12:10 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 55.0 | degrees F |
| Water Flow: | - | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Scum Solids Sludge Deposits Foam | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | White | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-22-4-011922 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 1/19/2022 |
| Sample Start Time: | 12:15 |
| Sample End Date: | 1/19/2022 |
| Sample End Time: | 15:55 |
| Sample Date: | 1/19/2022 |
| Sample Time: | 15:55 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--|
| 537 MOD (13) PFCAs Table 3+ (20) Including HFPO-DA |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 15.27 |
| pH (s.u.) | 8.2 |
| Specific Conductivity (µS/cm) | 253.53 |
| Disssolved Oxygen (mg/L) | 8.19 |
| Oxidation Reduction Potential (mV) | 107.6 |
| Turbidity (NTU) | 89.35 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-1 |
| Samplers: | BRANDON WEIDNER,CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 01-19-2022 |
| | | Time: | 13:11 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 56.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 1.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------------|
| Sample ID: | STW-LOC-23C-1-1.75-011922 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 01-19-2022 |
| Sample Start Time: | 13:36 |
| Sample End Date: | 1/19/2022 |
| Sample End Time: | 15:46 |
| Sample Date: | 01-19-2022 |
| Sample Time: | 15:46 |
| Number of Cycles: | 5 |
| Total ISCO Run Time Hours: | 1.75 |

ALL PARAMETERS ANALYZED

| |
|---|
| 537 MOD Including HFPO-DA Table 3+ (20) Including HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 16.51 |
| pH (s.u.) | 7.91 |
| Specific Conductivity (µS/cm) | 166.18 |
| Disssolved Oxygen (mg/L) | 8.38 |
| Oxidation Reduction Potential (mV) | 14.5 |
| Turbidity (NTU) | 32.85 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-2 |
| Samplers: | BRANDON WEIDNER,CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 01-19-2022 |
| | | Time: | 12:31 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 55.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|---|
| - |
|---|

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-2-4-011922 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 01-19-2022 |
| Sample Start Time: | 12:38 |
| Sample End Date: | 01-19-2022 |
| Sample End Time: | 16:19 |
| Sample Date: | 01-19-2022 |
| Sample Time: | 16:19 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--|
| 537 MOD (13) PFCAs Table 3+ (20) Including HFPO-DA |
|--|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 20.6 |
| pH (s.u.) | 7.85 |
| Specific Conductivity (µS/cm) | 173.82 |
| Disssolved Oxygen (mg/L) | 7.16 |
| Oxidation Reduction Potential (mV) | 107.6 |
| Turbidity (NTU) | 4.42 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

| |
|---|
| - |
|---|

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-3 |
| Samplers: | BRANDON WEIDNER,CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 01-19-2022 |
| | | Time: | 12:50 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 56.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

-

Flow Reading: -

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-3-4-011922 |
| QA/QC: | - |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 1/19/2022 |
| Sample Start Time: | 13:01 |
| Sample End Date: | 1/19/2022 |
| Sample End Time: | 16:41 |
| Sample Date: | 01-19-2022 |
| Sample Time: | 16:41 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13) PFCAs|Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 21.01 |
| pH (s.u.) | 9.51 |
| Specific Conductivity (µS/cm) | 104.59 |
| Disssolved Oxygen (mg/L) | 7.64 |
| Oxidation Reduction Potential (mV) | 35 |
| Turbidity (NTU) | 62.35 |
| Total Dissolved Solids (mg/L) | - |

PHOTO AT SAMPLE LOCATION

-

Observation of Sample Location:

-

Miscellaneous Observations:

-

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | CHARLES PACE, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-13-2022 |
| | | Time: | 14:22 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 60.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-1-4-040522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 18:11 |
| Sample End Date: | 04-05-2022 |
| Sample End Time: | 21:51 |
| Sample Date: | 04-05-2022 |
| Sample Time: | 21:51 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

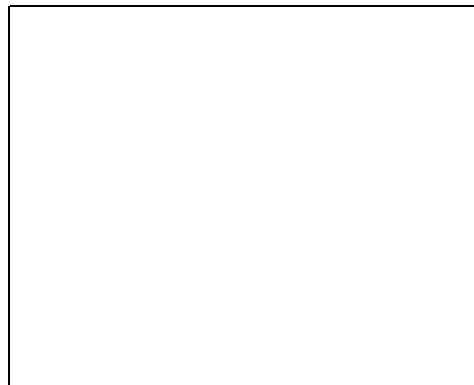
537 MOD (13 PFCA's) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 17.77 |
| pH (s.u.) | 7.04 |
| Specific Conductivity (µS/cm) | 156.51 |
| Disssolved Oxygen (mg/L) | 8.21 |
| Oxidation Reduction Potential (mV) | 171.3 |
| Turbidity (NTU) | 28.53 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 2 |
| Samplers: | CHARLES PACE, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-05-2022 |
| | | Time: | 18:36 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 60.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-2-4-040522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 18:29 |
| Sample End Date: | 04-05-2022 |
| Sample End Time: | 22:09 |
| Sample Date: | 04-05-2022 |
| Sample Time: | 22:09 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCA) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 19.38 |
| pH (s.u.) | 6.93 |
| Specific Conductivity (µS/cm) | 99.16 |
| Disssolved Oxygen (mg/L) | 8.01 |
| Oxidation Reduction Potential (mV) | 171.1 |
| Turbidity (NTU) | 35.99 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 3 |
| Samplers: | CHARLES PACE, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-05-2022 |
| | | Time: | 18:36 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 65.0 | degrees F |
| Water Flow: | | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-3-4-040522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 18:31 |
| Sample End Date: | 04-05-2022 |
| Sample End Time: | 22:11 |
| Sample Date: | 04-05-2022 |
| Sample Time: | 22:11 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

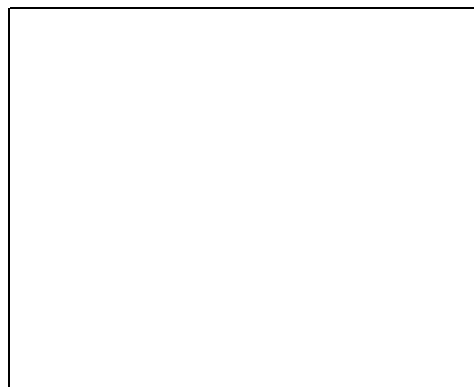
537 MOD (13 PFCA's) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 19.04 |
| pH (s.u.) | 6.89 |
| Specific Conductivity (µS/cm) | 176.08 |
| Disssolved Oxygen (mg/L) | 8.18 |
| Oxidation Reduction Potential (mV) | 178.5 |
| Turbidity (NTU) | 123.77 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 4 |
| Samplers: | CHARLES PACE, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-05-2022 |
| | | Time: | 18:40 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 60.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|-----------------------|
| Sample ID: | STW-LOC-4-0.67-040522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 18:15 |
| Sample End Date: | 04-05-2022 |
| Sample End Time: | 18:55 |
| Sample Date: | 04-05-2022 |
| Sample Time: | 18:55 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 0.67 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCA's) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 18.26 |
| pH (s.u.) | 6.91 |
| Specific Conductivity (µS/cm) | 131.17 |
| Disssolved Oxygen (mg/L) | 8.23 |
| Oxidation Reduction Potential (mV) | 172 |
| Turbidity (NTU) | 35.89 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

ISCO encountered error after second cycle, only two samples collected.

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 5 |
| Samplers: | CHARLES PACE, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-05-2022 |
| | | Time: | 18:43 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 60.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-5-4-040522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 18:44 |
| Sample End Date: | 04-05-2022 |
| Sample End Time: | 22:24 |
| Sample Date: | 04-05-2022 |
| Sample Time: | 22:24 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

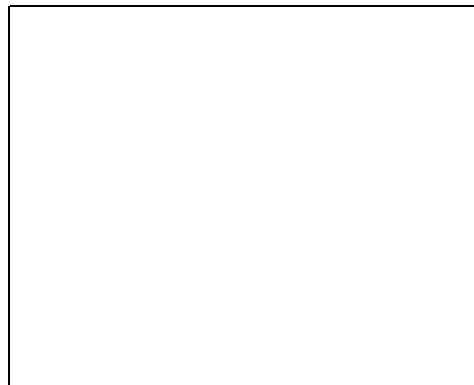
537 MOD (13 PFCA) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 18.6 |
| pH (s.u.) | 6.87 |
| Specific Conductivity (µS/cm) | 68.61 |
| Disssolved Oxygen (mg/L) | 8.14 |
| Oxidation Reduction Potential (mV) | 176.7 |
| Turbidity (NTU) | 96.72 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|-------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 6B |
| Samplers: | KEN STUART, VALERIA GOFIGAN-MCKENNA | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-06-2022 |
| | | Time: | 14:35 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 70.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Water is hot.

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-6B-040622 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 04-06-2022 |
| Sample Time: | 15:00 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

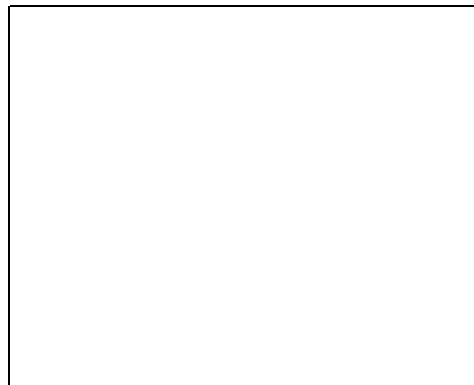
537 MOD (13 PFCAs) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 74.17 |
| pH (s.u.) | 6.21 |
| Specific Conductivity (µS/cm) | 3.2 |
| Disssolved Oxygen (mg/L) | 3.15 |
| Oxidation Reduction Potential (mV) | 103.6 |
| Turbidity (NTU) | 3.5 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|--|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7A |
| Samplers: | TAYLOR CRITTENDEN, VALERIA GOFIGAN-MCKENNA | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-05-2022 |
| | | Time: | 18:39 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 60.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7A-4-040522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 18:39 |
| Sample End Date: | 04-05-2022 |
| Sample End Time: | 22:19 |
| Sample Date: | 04-05-2022 |
| Sample Time: | 22:19 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

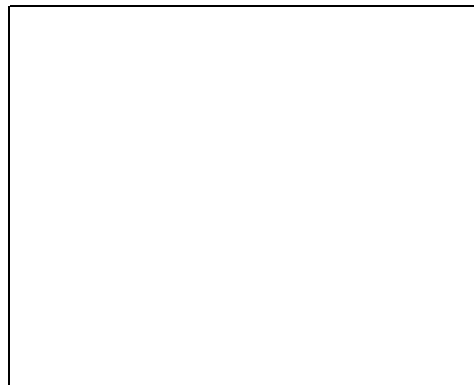
537 MOD (13 PFCA's) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 17.51 |
| pH (s.u.) | 6.55 |
| Specific Conductivity (µS/cm) | 95.91 |
| Disssolved Oxygen (mg/L) | 8.53 |
| Oxidation Reduction Potential (mV) | 339.5 |
| Turbidity (NTU) | 33.8 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|--|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7B |
| Samplers: | TAYLOR CRITTENDEN, VALERIA GOFIGAN-MCKENNA | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-05-2022 |
| | | Time: | 18:10 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 60.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7B-4-040522 |
| QA/QC: | DUP MS MSD |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 18:10 |
| Sample End Date: | 04-05-2022 |
| Sample End Time: | 21:50 |
| Sample Date: | 04-05-2022 |
| Sample Time: | 21:50 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCA's) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 17.16 |
| pH (s.u.) | 7.2 |
| Specific Conductivity (µS/cm) | 130.62 |
| Disssolved Oxygen (mg/L) | 9.29 |
| Oxidation Reduction Potential (mV) | 317.7 |
| Turbidity (NTU) | 49.5 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|--|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7C |
| Samplers: | TAYLOR CRITTENDEN, VALERIA GOFIGAN-MCKENNA | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-05-2022 |
| | | Time: | 18:05 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 60.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7C-4-040522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 18:05 |
| Sample End Date: | 04-05-2022 |
| Sample End Time: | 21:45 |
| Sample Date: | 04-05-2022 |
| Sample Time: | 21:45 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

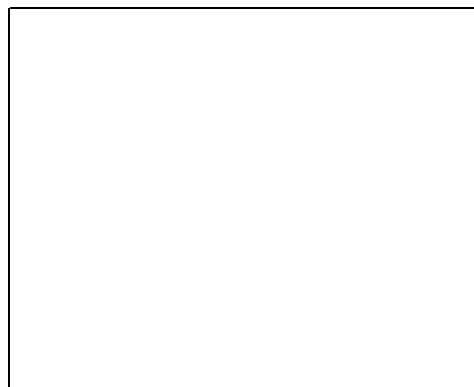
537 MOD (13 PFCAs) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 18.1 |
| pH (s.u.) | 7.13 |
| Specific Conductivity (µS/cm) | 106.48 |
| Disssolved Oxygen (mg/L) | 8.57 |
| Oxidation Reduction Potential (mV) | 470.1 |
| Turbidity (NTU) | 43.8 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 8 |
| Samplers: | CHARLES PACE,CHRIS MCGINNESS,MATT SCHEUER | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-06-2022 |
| | | Time: | 12:12 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 70.0 | degrees F |
| Water Flow: | | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Algal Blooms | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-8-4-040622 |
| QA/QC: | MS MSD |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-06-2022 |
| Sample Start Time: | 12:15 |
| Sample End Date: | 04-06-2022 |
| Sample End Time: | 15:55 |
| Sample Date: | 04-06-2022 |
| Sample Time: | 15:55 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

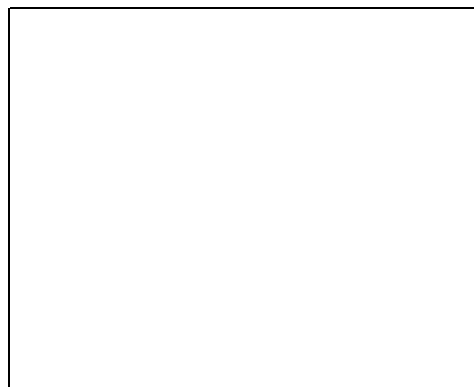
537 MOD (13 PFCAs)|Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 25.05 |
| pH (s.u.) | 6.49 |
| Specific Conductivity (µS/cm) | 1536.8 |
| Disssolved Oxygen (mg/L) | 7.75 |
| Oxidation Reduction Potential (mV) | 88.3 |
| Turbidity (NTU) | 2.08 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9 |
| Samplers: | CHARLES PACE, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-05-2022 |
| | | Time: | 19:05 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 60.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Solids Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-9-4-040522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 18:07 |
| Sample End Date: | 04-05-2022 |
| Sample End Time: | 21:47 |
| Sample Date: | 04-05-2022 |
| Sample Time: | 21:47 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

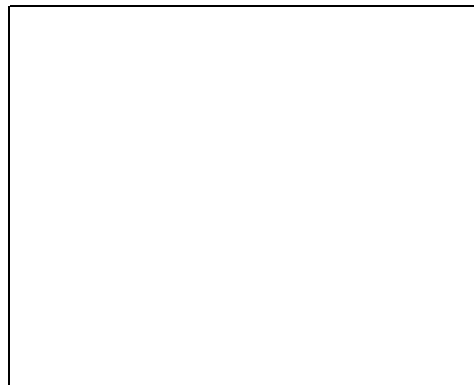
537 MOD (13 PFCAs)|Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 21.58 |
| pH (s.u.) | 7.11 |
| Specific Conductivity (µS/cm) | 115.64 |
| Disssolved Oxygen (mg/L) | 7.85 |
| Oxidation Reduction Potential (mV) | 155.2 |
| Turbidity (NTU) | 21.47 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|-------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9A |
| Samplers: | KEN STUART, VALERIA GOFIGAN-MCKENNA | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-06-2022 |
| | | Time: | 12:48 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 71.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-9A-040622 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 04-06-2022 |
| Sample Time: | 13:00 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCAs) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 25.82 |
| pH (s.u.) | 6.19 |
| Specific Conductivity (µS/cm) | 161.45 |
| Disssolved Oxygen (mg/L) | 7.56 |
| Oxidation Reduction Potential (mV) | 153 |
| Turbidity (NTU) | 20.2 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 10A |
| Samplers: | CHARLES PACE,SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-13-2022 |
| | | Time: | 15:40 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 60.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-10A-4-040522 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 18:08 |
| Sample End Date: | 04-05-2022 |
| Sample End Time: | 21:48 |
| Sample Date: | 04-05-2022 |
| Sample Time: | 21:48 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

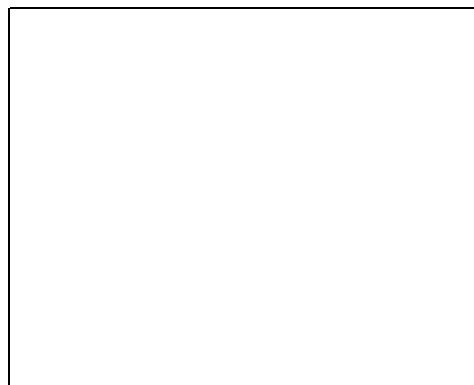
537 MOD (13 PFCAs)|Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 22.55 |
| pH (s.u.) | 7.03 |
| Specific Conductivity (µS/cm) | 126.14 |
| Disssolved Oxygen (mg/L) | 7.85 |
| Oxidation Reduction Potential (mV) | 183.2 |
| Turbidity (NTU) | 34.61 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 11 |
| Samplers: | CHARLES PACE, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-05-2022 |
| | | Time: | 19:15 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 60.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-11-4-040622 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 21:20 |
| Sample End Date: | 04-06-2022 |
| Sample End Time: | 01:00 |
| Sample Date: | 04-06-2022 |
| Sample Time: | 01:00 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCAs) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|----|
| Temperature (°C) | -- |
| pH (s.u.) | -- |
| Specific Conductivity (µS/cm) | -- |
| Disssolved Oxygen (mg/L) | -- |
| Oxidation Reduction Potential (mV) | -- |
| Turbidity (NTU) | -- |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Location was dry when checked on 4/5. ISCO was set to start at 21:20. Confirmed on 4/6 that water reached location and then proceeded to connect to open channel.

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 12 |
| Samplers: | CHARLES PACE,SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-05-2022 |
| | | Time: | 19:27 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 60.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-12-4-040522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 18:41 |
| Sample End Date: | 04-05-2022 |
| Sample End Time: | 22:41 |
| Sample Date: | 04-05-2022 |
| Sample Time: | 22:41 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

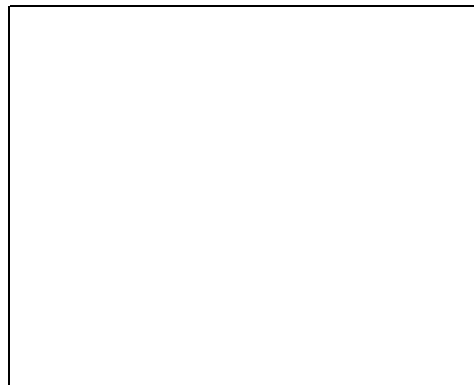
537 MOD (13 PFCAs)|Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 18.91 |
| pH (s.u.) | 6.95 |
| Specific Conductivity (µS/cm) | 534.78 |
| Disssolved Oxygen (mg/L) | 7.64 |
| Oxidation Reduction Potential (mV) | 161.1 |
| Turbidity (NTU) | 28 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|--|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 13 |
| Samplers: | TAYLOR CRITTENDEN, VALERIA GOFIGAN-MCKENNA | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-13-2022 |
| | | Time: | 16:44 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 60.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-13-4-040522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 18:48 |
| Sample End Date: | 04-05-2022 |
| Sample End Time: | 22:28 |
| Sample Date: | 04-05-2022 |
| Sample Time: | 22:28 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCAs) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 18.56 |
| pH (s.u.) | 7.01 |
| Specific Conductivity (µS/cm) | 53.82 |
| Disssolved Oxygen (mg/L) | 8.2 |
| Oxidation Reduction Potential (mV) | 215.8 |
| Turbidity (NTU) | 56.5 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 14 |
| Samplers: | CHARLES PACE, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-05-2022 |
| | | Time: | 19:22 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 60.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Algal Blooms | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-14-4-040522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 18:07 |
| Sample End Date: | 04-05-2022 |
| Sample End Time: | 21:47 |
| Sample Date: | 04-05-2022 |
| Sample Time: | 21:47 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

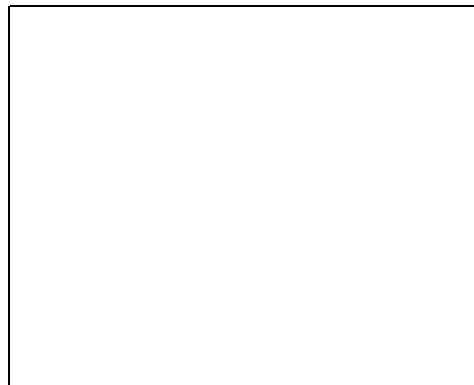
537 MOD (13 PFCAs) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 19.12 |
| pH (s.u.) | 7.35 |
| Specific Conductivity (µS/cm) | 84.27 |
| Disssolved Oxygen (mg/L) | 8.11 |
| Oxidation Reduction Potential (mV) | 165.1 |
| Turbidity (NTU) | 1.65 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|--|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 15 |
| Samplers: | TAYLOR CRITTENDEN, VALERIA GOFIGAN-MCKENNA | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-05-2022 |
| | | Time: | 19:00 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 66.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-15-4-040522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 20:00 |
| Sample End Date: | 04-05-2022 |
| Sample End Time: | 23:40 |
| Sample Date: | 04-05-2022 |
| Sample Time: | 23:40 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

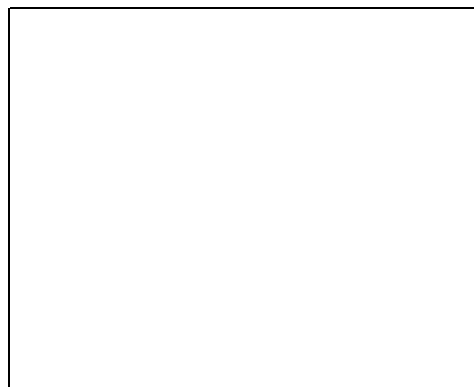
537 MOD (13 PFCAs) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 19.83 |
| pH (s.u.) | 7.14 |
| Specific Conductivity (µS/cm) | 110.31 |
| Disssolved Oxygen (mg/L) | 8.08 |
| Oxidation Reduction Potential (mV) | 373.8 |
| Turbidity (NTU) | 33.2 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 18 |
| Samplers: | CHARLES PACE,CHRIS MCGINNESS,MATT SCHEUER | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-06-2022 |
| | | Time: | 13:10 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 70.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Scum Solids Trash Foam | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | White | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

ISCO became clogged after 6 cycles.

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-18-2-040622 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-06-2022 |
| Sample Start Time: | 13:11 |
| Sample End Date: | 04-06-2022 |
| Sample End Time: | 14:51 |
| Sample Date: | 04-06-2022 |
| Sample Time: | 14:51 |
| Number of Cycles: | 6 |
| Total ISCO Run Time Hours: | 2 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCAs) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 26.68 |
| pH (s.u.) | 7.73 |
| Specific Conductivity (µS/cm) | 78.79 |
| Disssolved Oxygen (mg/L) | 7.37 |
| Oxidation Reduction Potential (mV) | 57 |
| Turbidity (NTU) | 246.15 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|-------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19A |
| Samplers: | KEN STUART, VALERIA GOFIGAN-MCKENNA | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-06-2022 |
| | | Time: | 14:19 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 70.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19A-040622 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 04-06-2022 |
| Sample Time: | 14:25 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCAs) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 25.24 |
| pH (s.u.) | 7 |
| Specific Conductivity (µS/cm) | 159.6 |
| Disssolved Oxygen (mg/L) | 7.02 |
| Oxidation Reduction Potential (mV) | 129.1 |
| Turbidity (NTU) | 11.6 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|-------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19B |
| Samplers: | KEN STUART, VALERIA GOFIGAN-MCKENNA | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-06-2022 |
| | | Time: | 14:12 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 70.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19B-040622 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 04-06-2022 |
| Sample Time: | 14:15 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCAs) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 25.45 |
| pH (s.u.) | 6.76 |
| Specific Conductivity (µS/cm) | 87.55 |
| Disssolved Oxygen (mg/L) | 3.9 |
| Oxidation Reduction Potential (mV) | 145.7 |
| Turbidity (NTU) | 6.06 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|--|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 20 |
| Samplers: | TAYLOR CRITTENDEN, VALERIA GOFIGAN-MCKENNA | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-05-2022 |
| | | Time: | 18:07 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 60.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-20-4-040522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-05-2022 |
| Sample Start Time: | 18:07 |
| Sample End Date: | 04-05-2022 |
| Sample End Time: | 21:47 |
| Sample Date: | 04-05-2022 |
| Sample Time: | 21:47 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

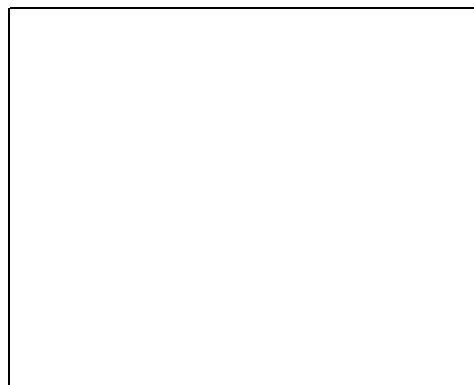
537 MOD (13 PFCA's) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 18.18 |
| pH (s.u.) | 7.12 |
| Specific Conductivity (µS/cm) | 107.24 |
| Disssolved Oxygen (mg/L) | 8.45 |
| Oxidation Reduction Potential (mV) | 421.9 |
| Turbidity (NTU) | 38.6 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 21B |
| Samplers: | CHARLES PACE,SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-05-2022 |
| | | Time: | 18:58 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 60.0 | degrees F |
| Water Flow: | | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Sludge Deposits | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-21B-040522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 04-05-2022 |
| Sample Time: | 18:58 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

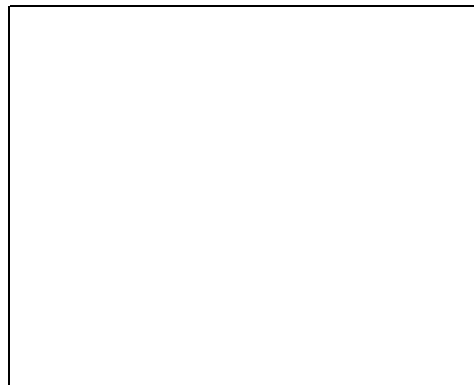
537 MOD (13 PFCAs)|Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 19.32 |
| pH (s.u.) | 6.68 |
| Specific Conductivity (µS/cm) | 231.44 |
| Disssolved Oxygen (mg/L) | 8.59 |
| Oxidation Reduction Potential (mV) | 151.3 |
| Turbidity (NTU) | 11.89 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 22 |
| Samplers: | CHRIS MCGINNESS, MATT SCHEUER | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-06-2022 |
| | | Time: | 14:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|----------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 70.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Scum Solids Foam | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | Gray | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

ISCO clogged after 8 cycles, cycle 7 also did not collect. 7 cycles in total collected. Solids were noticed in bottom of composite jar.

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-22-2.67-040622 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-06-2022 |
| Sample Start Time: | 14:33 |
| Sample End Date: | 04-06-2022 |
| Sample End Time: | 16:53 |
| Sample Date: | 04-06-2022 |
| Sample Time: | 16:53 |
| Number of Cycles: | 8 |
| Total ISCO Run Time Hours: | 2.67 |

ALL PARAMETERS ANALYZED

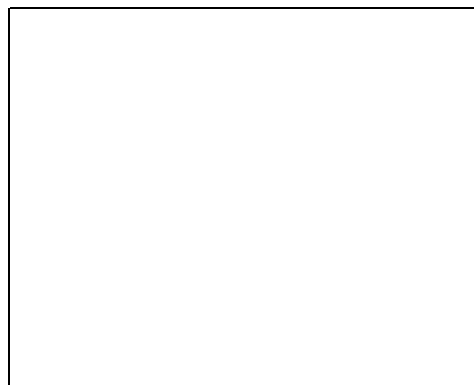
537 MOD (13 PFCAs) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 24.49 |
| pH (s.u.) | 10.06 |
| Specific Conductivity (µS/cm) | 389.69 |
| Disssolved Oxygen (mg/L) | 6.82 |
| Oxidation Reduction Potential (mV) | -0.5 |
| Turbidity (NTU) | 55.5 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-1 |
| Samplers: | CHRIS MCGINNESS, MATT SCHEUER | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-06-2022 |
| | | Time: | 14:50 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 70.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Oil | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-1-4-040622 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-06-2022 |
| Sample Start Time: | 14:55 |
| Sample End Date: | 04-06-2022 |
| Sample End Time: | 18:35 |
| Sample Date: | 04-06-2022 |
| Sample Time: | 18:35 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

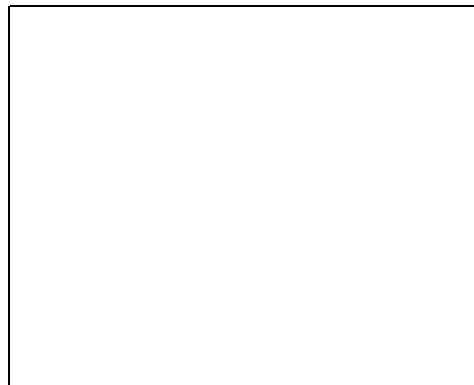
537 MOD (13 PFCA's) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 26.04 |
| pH (s.u.) | 4.31 |
| Specific Conductivity (µS/cm) | 305.15 |
| Disssolved Oxygen (mg/L) | 7.19 |
| Oxidation Reduction Potential (mV) | 225.7 |
| Turbidity (NTU) | 7.94 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-2 |
| Samplers: | CHRIS MCGINNESS, MATT SCHEUER | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-06-2022 |
| | | Time: | 15:05 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 70.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-2-4-040622 |
| QA/QC: | DUP |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-06-2022 |
| Sample Start Time: | 15:09 |
| Sample End Date: | 04-06-2022 |
| Sample End Time: | 18:49 |
| Sample Date: | 04-06-2022 |
| Sample Time: | 18:49 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCAs) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 30.43 |
| pH (s.u.) | 6.13 |
| Specific Conductivity (µS/cm) | 134.72 |
| Disssolved Oxygen (mg/L) | 6.43 |
| Oxidation Reduction Potential (mV) | 83.3 |
| Turbidity (NTU) | 2.16 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-3 |
| Samplers: | CHARLES PACE,CHRIS MCGINNESS,MATT SCHEUER | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 04-06-2022 |
| | | Time: | 12:45 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 70.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-3-4-040622 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 04-06-2022 |
| Sample Start Time: | 12:56 |
| Sample End Date: | 04-06-2022 |
| Sample End Time: | 16:36 |
| Sample Date: | 04-06-2022 |
| Sample Time: | 16:36 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

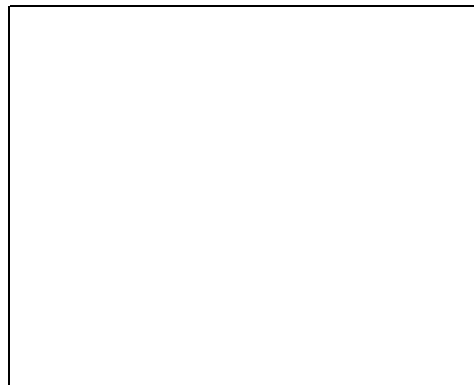
537 MOD (13 PFCAs) | Table 3+ (20) Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 26.63 |
| pH (s.u.) | 5.27 |
| Specific Conductivity (µS/cm) | 199.39 |
| Disssolved Oxygen (mg/L) | 6.86 |
| Oxidation Reduction Potential (mV) | 137.6 |
| Turbidity (NTU) | 22.04 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 13:32 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-1-4-052722 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-27-2022 |
| Sample Start Time: | 09:52 |
| Sample End Date: | 05-27-2022 |
| Sample End Time: | 13:32 |
| Sample Date: | 05-27-2022 |
| Sample Time: | 13:32 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 23.61 |
| pH (s.u.) | 6.87 |
| Specific Conductivity (µS/cm) | 100.17 |
| Dissolved Oxygen (mg/L) | 8.39 |
| Oxidation Reduction Potential (mV) | 143.4 |
| Turbidity (NTU) | 49.98 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 2 |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 13:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-2-3-052722 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-27-2022 |
| Sample Start Time: | 10:45 |
| Sample End Date: | 05-27-2022 |
| Sample End Time: | 13:25 |
| Sample Date: | 05-27-2022 |
| Sample Time: | 13:25 |
| Number of Cycles: | 9 |
| Total ISCO Run Time Hours: | 3 |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 23.62 |
| pH (s.u.) | 6.45 |
| Specific Conductivity (µS/cm) | 66.83 |
| Dissolved Oxygen (mg/L) | 7.42 |
| Oxidation Reduction Potential (mV) | 126.2 |
| Turbidity (NTU) | 13.83 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Sample location dried up before conclusion of sample collection.

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 3 |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 12:24 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-3-2-052722 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-27-2022 |
| Sample Start Time: | 10:44 |
| Sample End Date: | 05-27-2022 |
| Sample End Time: | 12:24 |
| Sample Date: | 05-27-2022 |
| Sample Time: | 12:24 |
| Number of Cycles: | 6 |
| Total ISCO Run Time Hours: | 2 |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 24.28 |
| pH (s.u.) | 3.64 |
| Specific Conductivity (µS/cm) | 139.28 |
| Dissolved Oxygen (mg/L) | 7.66 |
| Oxidation Reduction Potential (mV) | 201.6 |
| Turbidity (NTU) | 75.97 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Sample location dried up before conclusion of sampling.

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 4 |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 12:46 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-4-2.3-052722 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-27-2022 |
| Sample Start Time: | 10:46 |
| Sample End Date: | 05-27-2022 |
| Sample End Time: | 12:46 |
| Sample Date: | 05-27-2022 |
| Sample Time: | 12:46 |
| Number of Cycles: | 7 |
| Total ISCO Run Time Hours: | 2.3 |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 24.15 |
| pH (s.u.) | 6.13 |
| Specific Conductivity (µS/cm) | 150.3 |
| Dissolved Oxygen (mg/L) | 7.32 |
| Oxidation Reduction Potential (mV) | 157.9 |
| Turbidity (NTU) | 17.56 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Sample Location dried up before the conclusion of sampling.

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 5 |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 14:34 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-5-4-052722 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-27-2022 |
| Sample Start Time: | 10:54 |
| Sample End Date: | 05-27-2022 |
| Sample End Time: | 14:34 |
| Sample Date: | 05-27-2022 |
| Sample Time: | 14:34 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 23.29 |
| pH (s.u.) | 7.33 |
| Specific Conductivity (µS/cm) | 41.41 |
| Dissolved Oxygen (mg/L) | 7.95 |
| Oxidation Reduction Potential (mV) | 115.2 |
| Turbidity (NTU) | 21.01 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 6B |
| Samplers: | CHARLES PACE,RICK HEINTZMAN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-31-2022 |
| | | Time: | 11:30 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|---------------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Very Hot, creating steam. | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-6B-053122 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | N/A |
| Sample Start Time: | N/A |
| Sample End Date: | N/A |
| Sample End Time: | N/A |
| Sample Date: | 05-31-2022 |
| Sample Time: | 11:45 |
| Number of Cycles: | N/A |
| Total ISCO Run Time Hours: | N/A |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 51.39 |
| pH (s.u.) | 6.5 |
| Specific Conductivity (µS/cm) | 101.37 |
| Disssolved Oxygen (mg/L) | 2.7 |
| Oxidation Reduction Potential (mV) | 69.5 |
| Turbidity (NTU) | 1.41 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Parameters taken after cooling down outside of sample bottles with ice.

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7A |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 13:30 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7A-4-052722 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-27-2022 |
| Sample Start Time: | 09:50 |
| Sample End Date: | 05-27-2022 |
| Sample End Time: | 13:30 |
| Sample Date: | 05-27-2022 |
| Sample Time: | 13:30 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 24.49 |
| pH (s.u.) | 7.32 |
| Specific Conductivity (µS/cm) | 89.09 |
| Dissolved Oxygen (mg/L) | 7.8 |
| Oxidation Reduction Potential (mV) | 156.4 |
| Turbidity (NTU) | 23.51 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7B |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 13:27 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7B-4-052722 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-27-2022 |
| Sample Start Time: | 09:47 |
| Sample End Date: | 05-27-2022 |
| Sample End Time: | 13:27 |
| Sample Date: | 05-27-2022 |
| Sample Time: | 13:27 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 24.12 |
| pH (s.u.) | 7.28 |
| Specific Conductivity (µS/cm) | 156.64 |
| Dissolved Oxygen (mg/L) | 7.68 |
| Oxidation Reduction Potential (mV) | 162.4 |
| Turbidity (NTU) | 19.79 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7C |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 13:31 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7C-4-052722 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-27-2022 |
| Sample Start Time: | 09:51 |
| Sample End Date: | 05-27-2022 |
| Sample End Time: | 13:31 |
| Sample Date: | 05-27-2022 |
| Sample Time: | 13:31 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 24.84 |
| pH (s.u.) | 7.29 |
| Specific Conductivity (µS/cm) | 137.76 |
| Dissolved Oxygen (mg/L) | 7.7 |
| Oxidation Reduction Potential (mV) | 154.6 |
| Turbidity (NTU) | 27.3 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 8 |
| Samplers: | CHARLES PACE, MATT SCHEUER | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-31-2022 |
| | | Time: | 12:23 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Algal Blooms | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-8-4-053122 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-31-2022 |
| Sample Start Time: | 12:23 |
| Sample End Date: | 05-31-2022 |
| Sample End Time: | 16:03 |
| Sample Date: | 05-31-2022 |
| Sample Time: | 16:03 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 33.48 |
| pH (s.u.) | 5.85 |
| Specific Conductivity (µS/cm) | 2914 |
| Dissolved Oxygen (mg/L) | 6.72 |
| Oxidation Reduction Potential (mV) | 141.4 |
| Turbidity (NTU) | 2.66 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9 |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 14:43 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-9-4-052722 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-27-2022 |
| Sample Start Time: | 11:03 |
| Sample End Date: | 05-27-2022 |
| Sample End Time: | 14:43 |
| Sample Date: | 05-27-2022 |
| Sample Time: | 14:43 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 25.67 |
| pH (s.u.) | 7.13 |
| Specific Conductivity (µS/cm) | 101.21 |
| Dissolved Oxygen (mg/L) | 7.65 |
| Oxidation Reduction Potential (mV) | 140.2 |
| Turbidity (NTU) | 31.22 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9A |
| Samplers: | TAYLOR CRITTENDEN, RICK HEINTZMAN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-31-2022 |
| | | Time: | 11:20 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Solids | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-9A-053122 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | N/A |
| Sample Start Time: | N/A |
| Sample End Date: | N/A |
| Sample End Time: | N/A |
| Sample Date: | 05-31-2022 |
| Sample Time: | 11:30 |
| Number of Cycles: | N/A |
| Total ISCO Run Time Hours: | N/A |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 32.75 |
| pH (s.u.) | 5.57 |
| Specific Conductivity (µS/cm) | 2591.2 |
| Dissolved Oxygen (mg/L) | 6.27 |
| Oxidation Reduction Potential (mV) | 116.8 |
| Turbidity (NTU) | 25.78 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 10A |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 13:28 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-10A-4-052722 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-27-2022 |
| Sample Start Time: | 09:48 |
| Sample End Date: | 05-27-2022 |
| Sample End Time: | 13:28 |
| Sample Date: | 05-27-2022 |
| Sample Time: | 13:28 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 26.94 |
| pH (s.u.) | 6.97 |
| Specific Conductivity (µS/cm) | 96.28 |
| Dissolved Oxygen (mg/L) | 7.85 |
| Oxidation Reduction Potential (mV) | 133.9 |
| Turbidity (NTU) | 26.64 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 12 |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 13:26 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-12-4-052722 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-27-2022 |
| Sample Start Time: | 09:46 |
| Sample End Date: | 05-27-2022 |
| Sample End Time: | 13:26 |
| Sample Date: | 05-27-2022 |
| Sample Time: | 13:26 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 27.03 |
| pH (s.u.) | 7.6 |
| Specific Conductivity (µS/cm) | 191.82 |
| Dissolved Oxygen (mg/L) | 7.06 |
| Oxidation Reduction Potential (mV) | 140.4 |
| Turbidity (NTU) | 8.29 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 13 |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 15:37 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-13-4-052722 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-27-2022 |
| Sample Start Time: | 11:57 |
| Sample End Date: | 05-27-2022 |
| Sample End Time: | 15:37 |
| Sample Date: | 05-27-2022 |
| Sample Time: | 15:37 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 27.3 |
| pH (s.u.) | 7.67 |
| Specific Conductivity (µS/cm) | 21.91 |
| Dissolved Oxygen (mg/L) | 7.45 |
| Oxidation Reduction Potential (mV) | 140.3 |
| Turbidity (NTU) | 11.45 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 14 |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 13:40 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-14-4-052722 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-27-2022 |
| Sample Start Time: | 10:00 |
| Sample End Date: | 05-27-2022 |
| Sample End Time: | 13:40 |
| Sample Date: | 05-27-2022 |
| Sample Time: | 13:40 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 31.38 |
| pH (s.u.) | 7.45 |
| Specific Conductivity (µS/cm) | 194.52 |
| Dissolved Oxygen (mg/L) | 6.88 |
| Oxidation Reduction Potential (mV) | 144.4 |
| Turbidity (NTU) | 1.79 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 15 |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 13:32 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-15-4-052722 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-27-2022 |
| Sample Start Time: | 09:52 |
| Sample End Date: | 05-27-2022 |
| Sample End Time: | 13:32 |
| Sample Date: | 05-27-2022 |
| Sample Time: | 13:32 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 26.37 |
| pH (s.u.) | 7.31 |
| Specific Conductivity (µS/cm) | 99.72 |
| Dissolved Oxygen (mg/L) | 7.38 |
| Oxidation Reduction Potential (mV) | 161.4 |
| Turbidity (NTU) | 40.1 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 18 |
| Samplers: | CHARLES PACE, MATT SCHEUER | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-31-2022 |
| | | Time: | 10:55 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Solids Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-18-4-053122 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-31-2022 |
| Sample Start Time: | 10:57 |
| Sample End Date: | 05-31-2022 |
| Sample End Time: | 14:37 |
| Sample Date: | 05-31-2022 |
| Sample Time: | 14:37 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 31.7 |
| pH (s.u.) | 6.73 |
| Specific Conductivity (µS/cm) | 176 |
| Dissolved Oxygen (mg/L) | 5.9 |
| Oxidation Reduction Potential (mV) | 126.4 |
| Turbidity (NTU) | 32.87 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19A |
| Samplers: | TAYLOR CRITTENDEN,RICK HEINTZMAN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-31-2022 |
| | | Time: | 10:45 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19A-053122 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | N/A |
| Sample Start Time: | N/A |
| Sample End Date: | N/A |
| Sample End Time: | N/A |
| Sample Date: | 05-31-2022 |
| Sample Time: | 10:50 |
| Number of Cycles: | N/A |
| Total ISCO Run Time Hours: | N/A |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 33.02 |
| pH (s.u.) | 5.03 |
| Specific Conductivity (µS/cm) | 4506.1 |
| Disssolved Oxygen (mg/L) | 6.2 |
| Oxidation Reduction Potential (mV) | 144.1 |
| Turbidity (NTU) | 0.98 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19B |
| Samplers: | TAYLOR CRITTENDEN,RICK HEINTZMAN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-31-2022 |
| | | Time: | 10:57 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19B-053122 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | N/A |
| Sample Start Time: | N/A |
| Sample End Date: | N/A |
| Sample End Time: | N/A |
| Sample Date: | 05-31-2022 |
| Sample Time: | 11:00 |
| Number of Cycles: | N/A |
| Total ISCO Run Time Hours: | N/A |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 32.21 |
| pH (s.u.) | 6.06 |
| Specific Conductivity (µS/cm) | 1399.7 |
| Disssolved Oxygen (mg/L) | 6.48 |
| Oxidation Reduction Potential (mV) | 141.3 |
| Turbidity (NTU) | 29.49 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 20 |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 13:47 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-20-4-052722 |
| QA/QC: | DUP MS MSD |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-27-2022 |
| Sample Start Time: | 10:07 |
| Sample End Date: | 05-27-2022 |
| Sample End Time: | 13:47 |
| Sample Date: | 05-27-2022 |
| Sample Time: | 13:47 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+ (20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 25.1 |
| pH (s.u.) | 7.51 |
| Specific Conductivity (µS/cm) | 124.3 |
| Dissolved Oxygen (mg/L) | 7.52 |
| Oxidation Reduction Potential (mV) | 143.2 |
| Turbidity (NTU) | 23.27 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 21B |
| Samplers: | CHARLES PACE, TAYLOR CRITTENDEN | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-27-2022 |
| | | Time: | 11:15 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 82.0 | degrees F |
| Water Flow: | | Wind Speed: | 11.0 | mph |
| Water Quality Condition: | Solids | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-21B-052722 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | N/A |
| Sample Start Time: | N/A |
| Sample End Date: | N/A |
| Sample End Time: | N/A |
| Sample Date: | 05-27-2022 |
| Sample Time: | 11:15 |
| Number of Cycles: | N/A |
| Total ISCO Run Time Hours: | N/A |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 24.44 |
| pH (s.u.) | 6.8 |
| Specific Conductivity (µS/cm) | 106.2 |
| Dissolved Oxygen (mg/L) | 8.13 |
| Oxidation Reduction Potential (mV) | 178.5 |
| Turbidity (NTU) | 9.16 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 22 |
| Samplers: | CHARLES PACE, MATT SCHEUER | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-31-2022 |
| | | Time: | 11:41 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Scum Solids Trash Foam | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | White | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-22-4-053122 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-31-2022 |
| Sample Start Time: | 11:46 |
| Sample End Date: | 05-31-2022 |
| Sample End Time: | 15:26 |
| Sample Date: | 05-31-2022 |
| Sample Time: | 15:26 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 35.22 |
| pH (s.u.) | 6.71 |
| Specific Conductivity (µS/cm) | 376.31 |
| Dissolved Oxygen (mg/L) | 5.63 |
| Oxidation Reduction Potential (mV) | 27.6 |
| Turbidity (NTU) | 29.8 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-1 |
| Samplers: | CHARLES PACE, MATT SCHEUER | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-31-2022 |
| | | Time: | 11:22 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Hint of red | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-1-4-053122 |
| QA/QC: | DUP MS MSD |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-31-2022 |
| Sample Start Time: | 11:28 |
| Sample End Date: | 05-31-2022 |
| Sample End Time: | 15:08 |
| Sample Date: | 05-31-2022 |
| Sample Time: | 15:08 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 32.05 |
| pH (s.u.) | 4.09 |
| Specific Conductivity (µS/cm) | 1078.5 |
| Dissolved Oxygen (mg/L) | 6.47 |
| Oxidation Reduction Potential (mV) | 158.4 |
| Turbidity (NTU) | 104.02 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-2 |
| Samplers: | CHARLES PACE, MATT SCHEUER | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-31-2022 |
| | | Time: | 11:10 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-2-4-053122 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-31-2022 |
| Sample Start Time: | 11:13 |
| Sample End Date: | 05-31-2022 |
| Sample End Time: | 14:53 |
| Sample Date: | 05-31-2022 |
| Sample Time: | 14:53 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 33.91 |
| pH (s.u.) | 7.07 |
| Specific Conductivity (µS/cm) | 257.1 |
| Dissolved Oxygen (mg/L) | 6.14 |
| Oxidation Reduction Potential (mV) | 97.7 |
| Turbidity (NTU) | 0.85 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|-------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-3 |
| Samplers: | CHARLES PACE, MATT SCHEUER | Project Manager: | TRACY OVBEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 05-31-2022 |
| | | Time: | 10:38 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurrences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------------|
| Sample ID: | STW--LOC-23C-3-4-053122 |
| QA/QC: | N/A |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 05-31-2022 |
| Sample Start Time: | 10:41 |
| Sample End Date: | 05-31-2022 |
| Sample End Time: | 14:21 |
| Sample Date: | 05-31-2022 |
| Sample Time: | 14:21 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+(20) LL Including HFPO-DA; 537 MOD (13 PFCAs)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 31.04 |
| pH (s.u.) | 6.71 |
| Specific Conductivity (µS/cm) | 220.76 |
| Dissolved Oxygen (mg/L) | 6.69 |
| Oxidation Reduction Potential (mV) | 138.7 |
| Turbidity (NTU) | 25.19 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | TAYLOR CRITTENDEN, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 07-15-2022 |
| | | Time: | 08:07 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-1-4-071522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-15-2022 |
| Sample Start Time: | 04:27 |
| Sample End Date: | 07-15-2022 |
| Sample End Time: | 08:07 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 08:07 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCAs) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 24.64 |
| pH (s.u.) | 7.51 |
| Specific Conductivity (µS/cm) | 139.22 |
| Disssolved Oxygen (mg/L) | 5.28 |
| Oxidation Reduction Potential (mV) | 79 |
| Turbidity (NTU) | 11.04 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 2 |
| Samplers: | TAYLOR CRITTENDEN, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 07-15-2022 |
| | | Time: | 09:03 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

ISCO set to run for 2 hours, location went dry prior to last 4 samples.

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-2-1.3-071522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-15-2022 |
| Sample Start Time: | 07:53 |
| Sample End Date: | 07-15-2022 |
| Sample End Time: | 09:03 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 09:03 |
| Number of Cycles: | 8 |
| Total ISCO Run Time Hours: | 1.3 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCAs) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 23.63 |
| pH (s.u.) | 7.93 |
| Specific Conductivity (µS/cm) | -- |
| Disssolved Oxygen (mg/L) | 4.32 |
| Oxidation Reduction Potential (mV) | 111.7 |
| Turbidity (NTU) | 2.28 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 3 |
| Samplers: | TAYLOR CRITTENDEN, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 7-15-2022 |
| | | Time: | 09:39 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

ISCO did not originally fire, field team set to run for 2 hour composite during rain event.

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-3-2-071522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 7-15-2022 |
| Sample Start Time: | 07:49 |
| Sample End Date: | 7-15-2022 |
| Sample End Time: | 09:39 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 09:39 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 2 |

ALL PARAMETERS ANALYZED

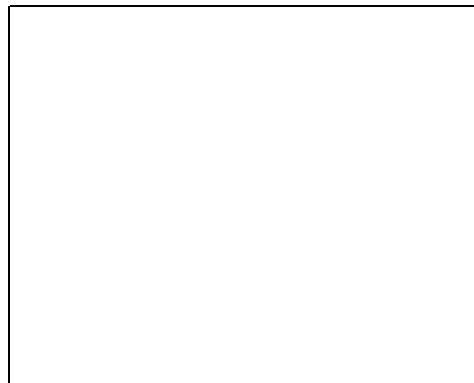
537 MOD (13 PFCAs) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 23.28 |
| pH (s.u.) | 7.84 |
| Specific Conductivity (µS/cm) | -- |
| Disssolved Oxygen (mg/L) | 4.89 |
| Oxidation Reduction Potential (mV) | 129.6 |
| Turbidity (NTU) | 7.2 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 4 |
| Samplers: | TAYLOR CRITTENDEN, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 07-15-2022 |
| | | Time: | 08:12 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-4-4-071522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-15-2022 |
| Sample Start Time: | 4:32 |
| Sample End Date: | 07-15-2022 |
| Sample End Time: | 08:12 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 08:12 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

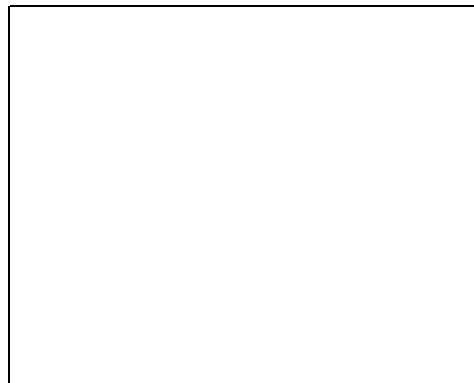
537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 24.21 |
| pH (s.u.) | 7.92 |
| Specific Conductivity (µS/cm) | -- |
| Disssolved Oxygen (mg/L) | 7 |
| Oxidation Reduction Potential (mV) | 51 |
| Turbidity (NTU) | 2.57 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 5 |
| Samplers: | TAYLOR CRITTENDEN, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 07-15-2022 |
| | | Time: | 08:14 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Sample location did not have enough water for sample 1.

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-5-3.7-071522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-15-2022 |
| Sample Start Time: | 4:54 |
| Sample End Date: | 07-15-2022 |
| Sample End Time: | 08:14 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 08:14 |
| Number of Cycles: | 11 |
| Total ISCO Run Time Hours: | 3.7 |

ALL PARAMETERS ANALYZED

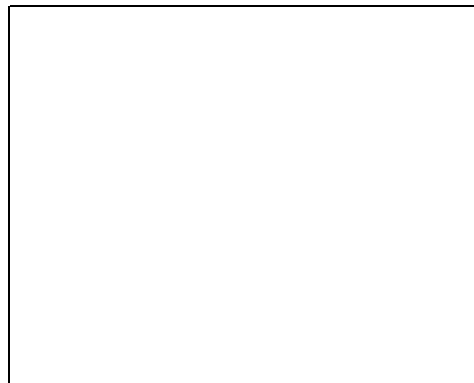
537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 25.92 |
| pH (s.u.) | 8.21 |
| Specific Conductivity (µS/cm) | -- |
| Disssolved Oxygen (mg/L) | 7.09 |
| Oxidation Reduction Potential (mV) | 20.2 |
| Turbidity (NTU) | 6.26 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|--|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 6B |
| Samplers: | FELIPE SILVA,Chris Perez, Charles Pace | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 07-18-2022 |
| | | Time: | 11:15 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 90.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-6B-071822 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 07-18-2022 |
| Sample Time: | 11:15 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

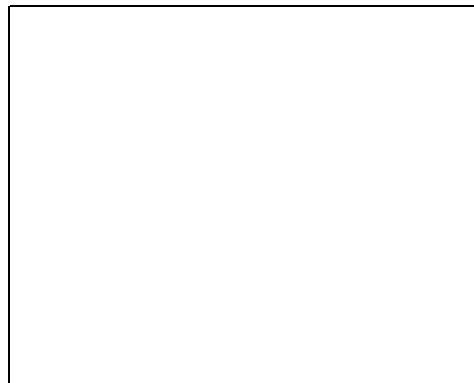
537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 17.46 |
| pH (s.u.) | 8.37 |
| Specific Conductivity (µS/cm) | 61.59 |
| Disssolved Oxygen (mg/L) | 1.94 |
| Oxidation Reduction Potential (mV) | 67.8 |
| Turbidity (NTU) | 2.58 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7A |
| Samplers: | KEN STUART,SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 07-15-2022 |
| | | Time: | 08:13 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7A-4-071522 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-15-2022 |
| Sample Start Time: | 04:33 |
| Sample End Date: | 07-15-2022 |
| Sample End Time: | 08:13 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 08:13 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

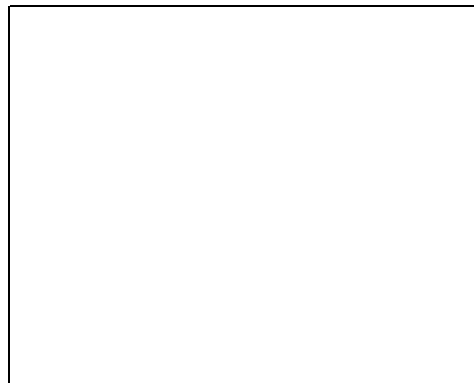
537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 27.85 |
| pH (s.u.) | 7.99 |
| Specific Conductivity (µS/cm) | 193.52 |
| Disssolved Oxygen (mg/L) | 6.67 |
| Oxidation Reduction Potential (mV) | 4.2 |
| Turbidity (NTU) | 13.08 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7B |
| Samplers: | KEN STUART,SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 07-15-2022 |
| | | Time: | 08:15 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7B-4-071522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-15-2022 |
| Sample Start Time: | 04:35 |
| Sample End Date: | 07-15-2022 |
| Sample End Time: | 08:15 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 08:15 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCAs) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 27.77 |
| pH (s.u.) | 7.94 |
| Specific Conductivity (µS/cm) | 130.86 |
| Disssolved Oxygen (mg/L) | 7.86 |
| Oxidation Reduction Potential (mV) | 41.5 |
| Turbidity (NTU) | 14.93 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7C |
| Samplers: | KEN STUART,SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 07-15-2022 |
| | | Time: | 08:17 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7C-4-071522 |
| QA/QC: | |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-15-2022 |
| Sample Start Time: | 04:37 |
| Sample End Date: | 07-15-2022 |
| Sample End Time: | 08:17 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 08:17 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 28.29 |
| pH (s.u.) | 7.86 |
| Specific Conductivity (µS/cm) | 223.26 |
| Disssolved Oxygen (mg/L) | 7.21 |
| Oxidation Reduction Potential (mV) | 31.5 |
| Turbidity (NTU) | 15.23 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 8 |
| Samplers: | CHARLES PACE,FELIPE SILVA,Chris Perez | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 07-18-2022 |
| | | Time: | 16:59 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 90.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Algal Blooms | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-8-4-071822 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-18-2022 |
| Sample Start Time: | 13:19 |
| Sample End Date: | 07-18-2022 |
| Sample End Time: | 16:59 |
| Sample Date: | 07-18-2022 |
| Sample Time: | 16:59 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 33.01 |
| pH (s.u.) | 8.41 |
| Specific Conductivity (µS/cm) | 1647.9 |
| Disssolved Oxygen (mg/L) | 6.43 |
| Oxidation Reduction Potential (mV) | 16.9 |
| Turbidity (NTU) | 14.26 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9 |
| Samplers: | TAYLOR CRITTENDEN, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 07-15-2022 |
| | | Time: | 08:20 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | Solids Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-9-4-071522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-15-2022 |
| Sample Start Time: | 04:40 |
| Sample End Date: | 07-15-2022 |
| Sample End Time: | 08:20 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 08:20 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

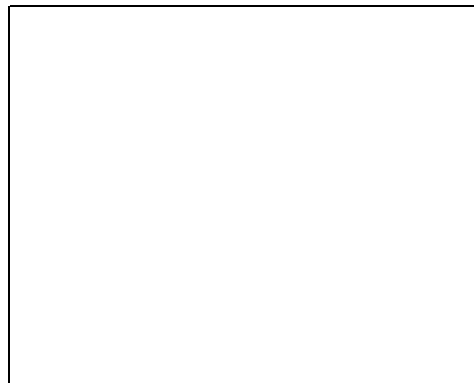
537 MOD (13 PFCAs) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 28.19 |
| pH (s.u.) | 8.26 |
| Specific Conductivity (µS/cm) | 146.3 |
| Disssolved Oxygen (mg/L) | 6.33 |
| Oxidation Reduction Potential (mV) | 105.1 |
| Turbidity (NTU) | 11.44 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9A |
| Samplers: | FELIPE SILVA, Chris Perez, Charles Pace | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 07-18-2022 |
| | | Time: | 10:10 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 90.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-9A-071822 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 07-18-2022 |
| Sample Time: | 10:10 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 28.56 |
| pH (s.u.) | 6.31 |
| Specific Conductivity (µS/cm) | 132.11 |
| Disssolved Oxygen (mg/L) | 5.99 |
| Oxidation Reduction Potential (mV) | 127.9 |
| Turbidity (NTU) | 12.12 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 10A |
| Samplers: | TAYLOR CRITTENDEN, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 7/15/2022 |
| | | Time: | 10:07 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

ISCO did not originally fire, field team set to run for 2 hour composite during rain event.

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-10A-2-071522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-15-2022 |
| Sample Start Time: | 08:17 |
| Sample End Date: | 07-15-2022 |
| Sample End Time: | 10:07 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 10:07 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 2 |

ALL PARAMETERS ANALYZED

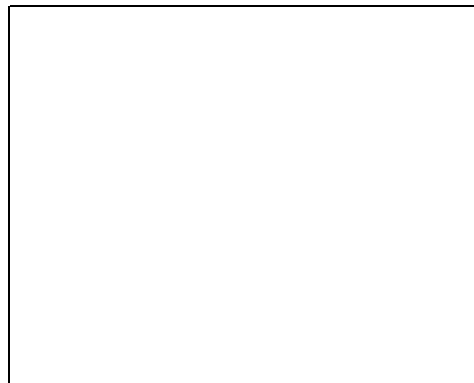
537 MOD (13 PFCAs) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 27 |
| pH (s.u.) | 7.49 |
| Specific Conductivity (µS/cm) | 196.36 |
| Disssolved Oxygen (mg/L) | 6.02 |
| Oxidation Reduction Potential (mV) | 87.5 |
| Turbidity (NTU) | 22.21 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 11 |
| Samplers: | TAYLOR CRITTENDEN, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 07-15-2022 |
| | | Time: | 08:20 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Sampling location did not have water for samples 1-3.

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-11-3-071522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-15-2022 |
| Sample Start Time: | 05:40 |
| Sample End Date: | 07-15-2022 |
| Sample End Time: | 08:20 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 08:20 |
| Number of Cycles: | 9 |
| Total ISCO Run Time Hours: | 3 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 23.59 |
| pH (s.u.) | 7.23 |
| Specific Conductivity (µS/cm) | 46.12 |
| Disssolved Oxygen (mg/L) | 6.46 |
| Oxidation Reduction Potential (mV) | 53.8 |
| Turbidity (NTU) | 9.41 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 12 |
| Samplers: | TAYLOR CRITTENDEN, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 07-15-2022 |
| | | Time: | 08:18 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-12-4-071522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-15-2022 |
| Sample Start Time: | 04:38 |
| Sample End Date: | 07-15-2022 |
| Sample End Time: | 08:18 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 08:18 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 25.81 |
| pH (s.u.) | 7.02 |
| Specific Conductivity (µS/cm) | 111.76 |
| Disssolved Oxygen (mg/L) | 7.7 |
| Oxidation Reduction Potential (mV) | 38.6 |
| Turbidity (NTU) | 9.92 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 13 |
| Samplers: | KEN STUART,SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 07-15-2022 |
| | | Time: | 08:16 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Sampling location did not have water for samples 1-3.

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-13-3-071522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-15-2022 |
| Sample Start Time: | 05:36 |
| Sample End Date: | 07-15-2022 |
| Sample End Time: | 08:16 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 08:16 |
| Number of Cycles: | 9 |
| Total ISCO Run Time Hours: | 3 |

ALL PARAMETERS ANALYZED

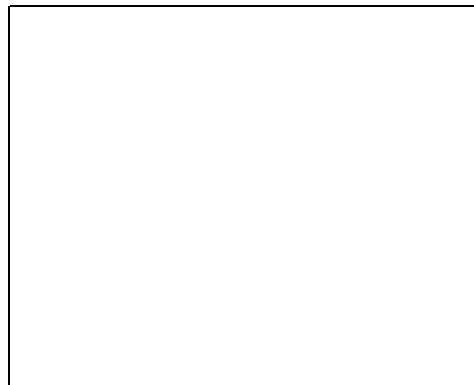
537 MOD (13 PFCAs) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 27.76 |
| pH (s.u.) | 7.06 |
| Specific Conductivity (µS/cm) | 18.64 |
| Disssolved Oxygen (mg/L) | 7.73 |
| Oxidation Reduction Potential (mV) | 96.5 |
| Turbidity (NTU) | 0.16 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 14 |
| Samplers: | TAYLOR CRITTENDEN, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 07-15-2022 |
| | | Time: | 08:19 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | Algal Blooms | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-14-4-071522 |
| QA/QC: | DUP MS MSD |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-15-2022 |
| Sample Start Time: | 04:39 |
| Sample End Date: | 07-15-2022 |
| Sample End Time: | 08:19 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 08:19 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 26.97 |
| pH (s.u.) | 7.82 |
| Specific Conductivity (µS/cm) | 246.61 |
| Disssolved Oxygen (mg/L) | 8.01 |
| Oxidation Reduction Potential (mV) | 56.7 |
| Turbidity (NTU) | 0 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 15 |
| Samplers: | KEN STUART,SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 07-15-2022 |
| | | Time: | 08:16 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-15-4-071522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-15-2022 |
| Sample Start Time: | 04:36 |
| Sample End Date: | 07-15-2022 |
| Sample End Time: | 08:16 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 08:16 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

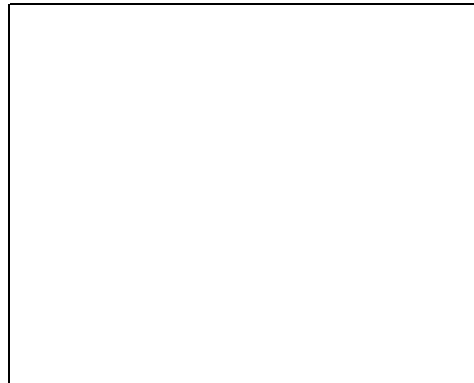
537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 28.09 |
| pH (s.u.) | 6.69 |
| Specific Conductivity (µS/cm) | 138.8 |
| Disssolved Oxygen (mg/L) | 7.14 |
| Oxidation Reduction Potential (mV) | 137 |
| Turbidity (NTU) | 12.13 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 18 |
| Samplers: | FELIPE SILVA,CHARLES PACE,Chris Perez | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 7/18/2022 |
| | | Time: | 14:58 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 90.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Scum Solids Trash Foam | | | |
| Water Clarity: | Murky (<4" vis) | | | |
| Water Color: | White | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-18-4-071822 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-18-2022 |
| Sample Start Time: | 11:18 |
| Sample End Date: | 07-18-2022 |
| Sample End Time: | 14:58 |
| Sample Date: | 07-18-2022 |
| Sample Time: | 14:58 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

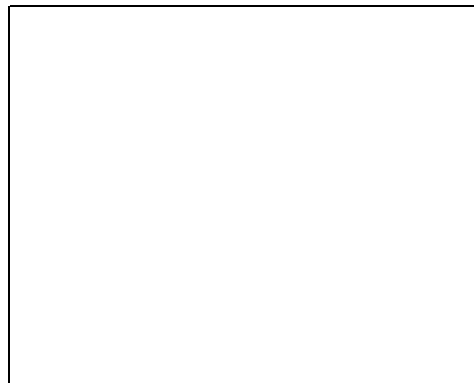
537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 32 |
| pH (s.u.) | 6.99 |
| Specific Conductivity (µS/cm) | 70.1 |
| Disssolved Oxygen (mg/L) | 5.06 |
| Oxidation Reduction Potential (mV) | 31.6 |
| Turbidity (NTU) | 11.26 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|--|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19A |
| Samplers: | CHARLES PACE,Chris Perez, Felipe Silva | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 07-18-2022 |
| | | Time: | 10:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 90.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19A-071822 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 07-18-2022 |
| Sample Time: | 10:25 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 31.29 |
| pH (s.u.) | 6.75 |
| Specific Conductivity (µS/cm) | 166.34 |
| Disssolved Oxygen (mg/L) | 6.09 |
| Oxidation Reduction Potential (mV) | 10.9 |
| Turbidity (NTU) | 4.8 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|--|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19B |
| Samplers: | CHARLES PACE,Chris Perez, Felipe Silva | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 07-18-2022 |
| | | Time: | 10:35 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 90.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading:

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19B-071822 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 7/18/2022 |
| Sample Time: | 10:35 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 29.1 |
| pH (s.u.) | 7.21 |
| Specific Conductivity (µS/cm) | 199.03 |
| Disssolved Oxygen (mg/L) | 6.51 |
| Oxidation Reduction Potential (mV) | 92.8 |
| Turbidity (NTU) | 18.48 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 20 |
| Samplers: | KEN STUART,SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 07-15-2022 |
| | | Time: | 11:29 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 85.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

ISCO did not originally fire, field team set to run for 2 hour composite during rain event.

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-20-2-071522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-15-2022 |
| Sample Start Time: | 09:39 |
| Sample End Date: | 07-15-2022 |
| Sample End Time: | 11:29 |
| Sample Date: | 07-15-2022 |
| Sample Time: | 11:29 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 2 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 28.27 |
| pH (s.u.) | 7.4 |
| Specific Conductivity (µS/cm) | 188.14 |
| Disssolved Oxygen (mg/L) | 7.49 |
| Oxidation Reduction Potential (mV) | 63.7 |
| Turbidity (NTU) | 13.17 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 21B |
| Samplers: | TAYLOR CRITTENDEN, CHARLES PACE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 07-15-2022 |
| | | Time: | 08:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 86.0 | degrees F |
| Water Flow: | -- | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | Sludge Deposits | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-21B-071522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 07-15-2022 |
| Sample Time: | 08:25 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 26.55 |
| pH (s.u.) | 7.29 |
| Specific Conductivity (µS/cm) | 163.27 |
| Disssolved Oxygen (mg/L) | 6.83 |
| Oxidation Reduction Potential (mV) | 109.8 |
| Turbidity (NTU) | 3.15 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 22 |
| Samplers: | CHARLES PACE,FELIPE SILVA,Chris Perez | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 7/18/2022 |
| | | Time: | 15:44 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 90.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Scum Solids Foam | | | |
| Water Clarity: | Murky (<4" vis) | | | |
| Water Color: | Gray | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-22-4-071822 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-18-2022 |
| Sample Start Time: | 12:04 |
| Sample End Date: | 07-18-2022 |
| Sample End Time: | 15:44 |
| Sample Date: | 07-18-2022 |
| Sample Time: | 15:44 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

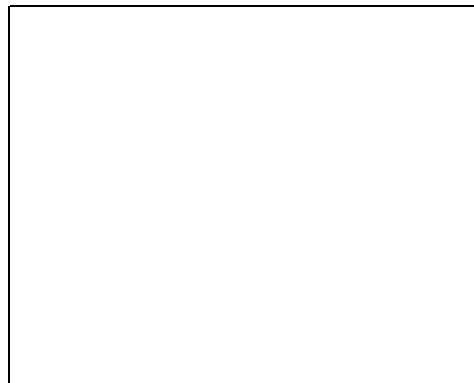
537 MOD (13 PFCAs)|Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 32.98 |
| pH (s.u.) | 9.95 |
| Specific Conductivity (µS/cm) | 216.26 |
| Disssolved Oxygen (mg/L) | 5.73 |
| Oxidation Reduction Potential (mV) | -111.9 |
| Turbidity (NTU) | 315.58 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-1 |
| Samplers: | CHARLES PACE,FELIPE SILVA,Chris Perez | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 07-18-2022 |
| | | Time: | 15:49 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 90.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Oil | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-1-4-071822 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-18-2022 |
| Sample Start Time: | 12:09 |
| Sample End Date: | 07-18-2022 |
| Sample End Time: | 15:49 |
| Sample Date: | 07-18-2022 |
| Sample Time: | 15:49 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

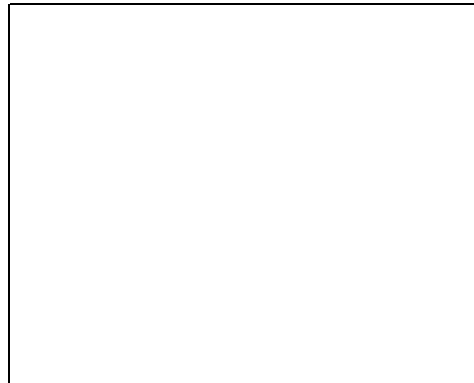
537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 32.51 |
| pH (s.u.) | 4.85 |
| Specific Conductivity (µS/cm) | 226.29 |
| Disssolved Oxygen (mg/L) | 6.1 |
| Oxidation Reduction Potential (mV) | 147.6 |
| Turbidity (NTU) | 14.67 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-2 |
| Samplers: | CHARLES PACE,FELIPE SILVA,Chris Perez | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 07-18-2022 |
| | | Time: | 15:42 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 90.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-2-4-071822 |
| QA/QC: | DUP MS MSD |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-18-2022 |
| Sample Start Time: | 12:02 |
| Sample End Date: | 7-18-2022 |
| Sample End Time: | 15:42 |
| Sample Date: | 07-18-2022 |
| Sample Time: | 15:42 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 33.57 |
| pH (s.u.) | 7.08 |
| Specific Conductivity (µS/cm) | 183.53 |
| Disssolved Oxygen (mg/L) | 5.49 |
| Oxidation Reduction Potential (mV) | 21 |
| Turbidity (NTU) | 3.18 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-3 |
| Samplers: | CHARLES PACE,FELIPE SILVA,Chris Perez | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 07-18-2022 |
| | | Time: | 15:17 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 90.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-3-4-071822 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 07-18-2022 |
| Sample Start Time: | 11:37 |
| Sample End Date: | 07-18-2022 |
| Sample End Time: | 15:17 |
| Sample Date: | 07-18-2022 |
| Sample Time: | 15:17 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 MOD (13 PFCA's) | Table 3+ (20) LL Including HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 31.94 |
| pH (s.u.) | 6.86 |
| Specific Conductivity (µS/cm) | 112.02 |
| Disssolved Oxygen (mg/L) | 6.13 |
| Oxidation Reduction Potential (mV) | 16.8 |
| Turbidity (NTU) | 30.57 |
| Total Dissolved Solids (mg/L) | N/A |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 Sampling 3Q22 | | |
| Site: | Fayetteville Works | Date: | 08-12-2022 |
| | | Time: | 14:27 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 87.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 6.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-1-4-081222 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 08-12-2022 |
| Sample Start Time: | 10:47 |
| Sample End Date: | 08-12-2022 |
| Sample End Time: | 14:27 |
| Sample Date: | 08-12-2022 |
| Sample Time: | 14:27 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 Mod (36) | Table 3+ (20) LL Include HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 24.46 |
| pH (s.u.) | 7.08 |
| Specific Conductivity (µS/cm) | 232.88 |
| Disssolved Oxygen (mg/L) | 7.35 |
| Oxidation Reduction Potential (mV) | 404.2 |
| Turbidity (NTU) | 19.22 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|--------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 4 |
| Samplers: | TAYLOR CRITTENDEN,SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 Sampling 3Q22 | | |
| Site: | Fayetteville Works | Date: | 08-12-2022 |
| | | Time: | 14:44 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-4-4-081222 |
| QA/QC: | MS MSD Dup |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 08-12-2022 |
| Sample Start Time: | 14:44 |
| Sample End Date: | 08-12-2022 |
| Sample End Time: | 14:44 |
| Sample Date: | 08-12-2022 |
| Sample Time: | 14:44 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|---|
| 537 Mod (36) Table 3+ (20) LL Include HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 22.91 |
| pH (s.u.) | 6.46 |
| Specific Conductivity (µS/cm) | 50.15 |
| Disssolved Oxygen (mg/L) | 6.57 |
| Oxidation Reduction Potential (mV) | 78.3 |
| Turbidity (NTU) | 35.62 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 5 |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 Sampling 3Q22 | | |
| Site: | Fayetteville Works | Date: | 08-12-2022 |
| | | Time: | 14:28 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | Solids | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Sample location did not have water for last two sample attempts.

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-5-3.3-081222 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 08-12-2022 |
| Sample Start Time: | 11:28 |
| Sample End Date: | 08-12-2022 |
| Sample End Time: | 14:28 |
| Sample Date: | 08-12-2022 |
| Sample Time: | 14:28 |
| Number of Cycles: | 10 |
| Total ISCO Run Time Hours: | 3.3 |

ALL PARAMETERS ANALYZED

537 Mod (36) | Table 3+ (20) LL Include HFPO-DA

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 23.56 |
| pH (s.u.) | 7.14 |
| Specific Conductivity (µS/cm) | 34.02 |
| Disssolved Oxygen (mg/L) | 7.82 |
| Oxidation Reduction Potential (mV) | 61.9 |
| Turbidity (NTU) | 83.34 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|--------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 10 |
| Samplers: | TAYLOR CRITTENDEN,SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 Sampling 3Q22 | | |
| Site: | Fayetteville Works | Date: | 08-12-2022 |
| | | Time: | 14:29 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-10-4-081222 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 08-12-2022 |
| Sample Start Time: | 10:49 |
| Sample End Date: | 08-12-2022 |
| Sample End Time: | 14:29 |
| Sample Date: | 08-12-2022 |
| Sample Time: | 14:29 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|---|
| 537 Mod (36) Table 3+ (20) LL Include HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 23.57 |
| pH (s.u.) | 7.17 |
| Specific Conductivity (µS/cm) | 160.94 |
| Disssolved Oxygen (mg/L) | 5.98 |
| Oxidation Reduction Potential (mV) | -41.2 |
| Turbidity (NTU) | 579.99 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 13 |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 Sampling 3Q22 | | |
| Site: | Fayetteville Works | Date: | 08-12-2022 |
| | | Time: | 14:27 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 86.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-13-4-081222 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 08-12-2022 |
| Sample Start Time: | 10:47 |
| Sample End Date: | 08-12-2022 |
| Sample End Time: | 14:27 |
| Sample Date: | 08-12-2022 |
| Sample Time: | 14:27 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|---|
| 537 Mod (36) Table 3+ (20) LL Include HFPO-DA |
|---|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 26 |
| pH (s.u.) | 6.67 |
| Specific Conductivity (µS/cm) | 33.23 |
| Disssolved Oxygen (mg/L) | 7.02 |
| Oxidation Reduction Potential (mV) | 63.9 |
| Turbidity (NTU) | 24.17 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 14:12 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-1-4-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 10:32 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 14:12 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 14:12 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 27.4 |
| pH (s.u.) | 7.68 |
| Specific Conductivity (µS/cm) | 174.14 |
| Disssolved Oxygen (mg/L) | 6.94 |
| Oxidation Reduction Potential (mV) | 138.3 |
| Turbidity (NTU) | 2.28 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 2 |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 11:29 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Location ran out of liquid for samples 7-12.

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-2-2-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 09:49 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 11:29 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 11:29 |
| Number of Cycles: | 6 |
| Total ISCO Run Time Hours: | 2 |

ALL PARAMETERS ANALYZED

537 Mod | Table 3+

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 26.73 |
| pH (s.u.) | 7.1 |
| Specific Conductivity (µS/cm) | 19.68 |
| Disssolved Oxygen (mg/L) | 6.76 |
| Oxidation Reduction Potential (mV) | 154.4 |
| Turbidity (NTU) | 44.51 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 3 |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 14:02 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-3-4-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 10:22 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 14:02 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 14:02 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 Mod | Table 3+

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|------|
| Temperature (°C) | 27.1 |
| pH (s.u.) | 7.96 |
| Specific Conductivity (µS/cm) | 70 |
| Disssolved Oxygen (mg/L) | 6.31 |
| Oxidation Reduction Potential (mV) | 117 |
| Turbidity (NTU) | 1.84 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 4 |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 12:51 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-4-4-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 09:11 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 12:51 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 12:51 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 27.7 |
| pH (s.u.) | 8.15 |
| Specific Conductivity (µS/cm) | 44.12 |
| Disssolved Oxygen (mg/L) | 6.88 |
| Oxidation Reduction Potential (mV) | 129.2 |
| Turbidity (NTU) | 3.25 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
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| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 5 |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 11:35 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Location ran out of liquid for samples 9-12.

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-5-3-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 08:55 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 11:35 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 11:35 |
| Number of Cycles: | 8 |
| Total ISCO Run Time Hours: | 3 |

ALL PARAMETERS ANALYZED

537 Mod | Table 3+

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 27.73 |
| pH (s.u.) | 8.04 |
| Specific Conductivity (µS/cm) | 36.44 |
| Disssolved Oxygen (mg/L) | 6.96 |
| Oxidation Reduction Potential (mV) | 122.5 |
| Turbidity (NTU) | 46.06 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 6B |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-14-2022 |
| | | Time: | 10:05 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Foam | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-6B-091422 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 09-14-2022 |
| Sample Time: | 10:05 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

| |
|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 14.67 |
| pH (s.u.) | 7.62 |
| Specific Conductivity (µS/cm) | 357.58 |
| Disssolved Oxygen (mg/L) | 7.46 |
| Oxidation Reduction Potential (mV) | 112.3 |
| Turbidity (NTU) | 7.01 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
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| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7A |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 13:48 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

--

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7A-4-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 10:08 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 13:48 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 13:48 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 Mod | Table 3+

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 28.37 |
| pH (s.u.) | 7.75 |
| Specific Conductivity (µS/cm) | 168.43 |
| Disssolved Oxygen (mg/L) | 6.5 |
| Oxidation Reduction Potential (mV) | 138.3 |
| Turbidity (NTU) | 3.48 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7B |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 11:52 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Power failed for samples 8-12.

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|-----------------------|
| Sample ID: | STW-LOC-7B-2.3-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 09:52 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 11:52 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 11:52 |
| Number of Cycles: | 7 |
| Total ISCO Run Time Hours: | 2.3 |

ALL PARAMETERS ANALYZED

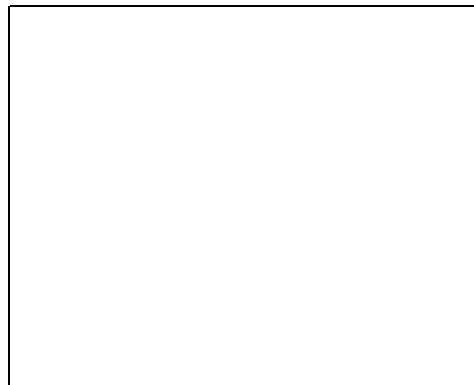
537 Mod | Table 3+

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 27.41 |
| pH (s.u.) | 7.31 |
| Specific Conductivity (µS/cm) | 241.79 |
| Disssolved Oxygen (mg/L) | 6.6 |
| Oxidation Reduction Potential (mV) | 143.4 |
| Turbidity (NTU) | 5.82 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7C |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 14:03 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7C-4-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 10:23 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 14:03 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 14:03 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 27.67 |
| pH (s.u.) | 7.33 |
| Specific Conductivity (µS/cm) | 223.15 |
| Disssolved Oxygen (mg/L) | 6.8 |
| Oxidation Reduction Potential (mV) | 143.7 |
| Turbidity (NTU) | 3.33 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 8 |
| Samplers: | BRANDON WEIDNER, LUIS TORRES | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-14-2022 |
| | | Time: | 14:10 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 82.0 | degrees F |
| Water Flow: | -- | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Algal Blooms | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-8-4-091422 |
| QA/QC: | MS MSD Dup |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-14-2022 |
| Sample Start Time: | 10:30 |
| Sample End Date: | 09-14-2022 |
| Sample End Time: | 14:10 |
| Sample Date: | 09-14-2022 |
| Sample Time: | 14:10 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------|
| 537 Mod Table 3+ |
|------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 26.93 |
| pH (s.u.) | 6.41 |
| Specific Conductivity (µS/cm) | 2030 |
| Disssolved Oxygen (mg/L) | 8.11 |
| Oxidation Reduction Potential (mV) | -9.9 |
| Turbidity (NTU) | 17.59 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9 |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 13:09 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Solids Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
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| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-9-4-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 09:29 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 13:09 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 13:09 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|-------------------|
| 537 Mod Table 3+ |
|-------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 28.05 |
| pH (s.u.) | 7.67 |
| Specific Conductivity (µS/cm) | 192.44 |
| Disssolved Oxygen (mg/L) | 6.91 |
| Oxidation Reduction Potential (mV) | 139.5 |
| Turbidity (NTU) | 3.46 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9A |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-14-2022 |
| | | Time: | 09:50 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-9A-091422 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 09-14-2022 |
| Sample Time: | 09:50 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

| |
|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 28.14 |
| pH (s.u.) | 7.15 |
| Specific Conductivity (µS/cm) | 236.79 |
| Disssolved Oxygen (mg/L) | 6.8 |
| Oxidation Reduction Potential (mV) | 151.7 |
| Turbidity (NTU) | 52.31 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 10A |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 14:24 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-10A-4-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 10:44 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 14:24 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 14:24 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 180.99 |
| pH (s.u.) | 7.67 |
| Specific Conductivity (µS/cm) | 180.99 |
| Disssolved Oxygen (mg/L) | 7.04 |
| Oxidation Reduction Potential (mV) | 161 |
| Turbidity (NTU) | 3.69 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 11 |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 13:40 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | -- | | | |

Other Significant Observations or Unusual Occurences:

--

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-11-4-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 10:00 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 13:40 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 13:40 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 Mod | Table 3+

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 27.59 |
| pH (s.u.) | 7.37 |
| Specific Conductivity (µS/cm) | 71.78 |
| Disssolved Oxygen (mg/L) | 6.44 |
| Oxidation Reduction Potential (mV) | 148.5 |
| Turbidity (NTU) | 11.48 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 12 |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 13:19 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-12-4-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 09:39 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 13:19 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 13:19 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

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|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 28.9 |
| pH (s.u.) | 7.73 |
| Specific Conductivity (µS/cm) | 190 |
| Disssolved Oxygen (mg/L) | 6.56 |
| Oxidation Reduction Potential (mV) | 145.8 |
| Turbidity (NTU) | 6.93 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 13 |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 13:33 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-13-4-091122 |
| QA/QC: | MS MSD |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 09:53 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 13:33 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 13:33 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

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|--------------------|
| 537 Mod Table 3+ |
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*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 27.5 |
| pH (s.u.) | 7.79 |
| Specific Conductivity (µS/cm) | 23.1 |
| Disssolved Oxygen (mg/L) | 6.92 |
| Oxidation Reduction Potential (mV) | 123.9 |
| Turbidity (NTU) | 1.42 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 14 |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 13:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Algal Blooms | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-14-4-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 09:45 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 13:25 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 13:25 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

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| 537 Mod Table 3+ |
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*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 28.57 |
| pH (s.u.) | 7.66 |
| Specific Conductivity (µS/cm) | 30 |
| Disssolved Oxygen (mg/L) | 6.84 |
| Oxidation Reduction Potential (mV) | 160.5 |
| Turbidity (NTU) | 0.78 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 15 |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 13:31 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-15-4-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 09:51 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 13:31 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 13:31 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

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| 537 Mod Table 3+ |
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*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 28.12 |
| pH (s.u.) | 6.93 |
| Specific Conductivity (µS/cm) | 164.58 |
| Disssolved Oxygen (mg/L) | 6.96 |
| Oxidation Reduction Potential (mV) | 151.1 |
| Turbidity (NTU) | 3.24 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 18 |
| Samplers: | LUIS TORRES, BRANDON WEIDNER | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-14-2022 |
| | | Time: | 14:46 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | -- | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Scum Solids Trash Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-18-4-091422 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-14-2022 |
| Sample Start Time: | 11:06 |
| Sample End Date: | 09-14-2022 |
| Sample End Time: | 14:46 |
| Sample Date: | 09-14-2022 |
| Sample Time: | 14:46 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

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| 537 Mod Table 3+ |
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*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 27.43 |
| pH (s.u.) | 7.56 |
| Specific Conductivity (µS/cm) | 98.74 |
| Disssolved Oxygen (mg/L) | 6.85 |
| Oxidation Reduction Potential (mV) | 25.2 |
| Turbidity (NTU) | 30.47 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19A |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-14-2022 |
| | | Time: | 09:30 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19A-091422 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 09-14-2022 |
| Sample Time: | 09:30 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

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| 537 Mod Table 3+ |
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*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 24.82 |
| pH (s.u.) | 7.63 |
| Specific Conductivity (µS/cm) | 197.98 |
| Disssolved Oxygen (mg/L) | 7.09 |
| Oxidation Reduction Potential (mV) | 151.1 |
| Turbidity (NTU) | 8.18 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19B |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-14-2022 |
| | | Time: | 09:40 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19B-091422 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 09-14-2022 |
| Sample Time: | 09:40 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

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|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 35.18 |
| pH (s.u.) | 7.23 |
| Specific Conductivity (µS/cm) | 102.9 |
| Disssolved Oxygen (mg/L) | 6.41 |
| Oxidation Reduction Potential (mV) | 156 |
| Turbidity (NTU) | 129.75 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 20 |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 13:59 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-20-4-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 10:19 |
| Sample End Date: | 09-11-2022 |
| Sample End Time: | 13:59 |
| Sample Date: | 09-11-2022 |
| Sample Time: | 13:59 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 27.52 |
| pH (s.u.) | 7.08 |
| Specific Conductivity (µS/cm) | 210.73 |
| Disssolved Oxygen (mg/L) | 7.11 |
| Oxidation Reduction Potential (mV) | 150.8 |
| Turbidity (NTU) | 3.01 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|---------------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 21B |
| Samplers: | TAYLOR CRITTENDEN, SCOTT SKRZYDLINSKI | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 09-11-2022 |
| | | Time: | 11:15 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 84.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Sludge Deposits | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-21B-091122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | 09-11-2022 |
| Sample Start Time: | 11:15 |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 09-11-2022 |
| Sample Time: | 11:15 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

| |
|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 15.11 |
| pH (s.u.) | 7.74 |
| Specific Conductivity (µS/cm) | 170.54 |
| Disssolved Oxygen (mg/L) | 7.76 |
| Oxidation Reduction Potential (mV) | 146.7 |
| Turbidity (NTU) | 350.94 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 22 |
| Samplers: | LUIS TORRES, BRANDON WEIDNER | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-14-2022 |
| | | Time: | 14:29 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 83.0 | degrees F |
| Water Flow: | -- | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Scum Solids Foam | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-22-4-091422 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-14-2022 |
| Sample Start Time: | 10:49 |
| Sample End Date: | 09-14-2022 |
| Sample End Time: | 14:29 |
| Sample Date: | 09-14-2022 |
| Sample Time: | 14:29 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 Mod | Table 3+

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 28.71 |
| pH (s.u.) | 8.36 |
| Specific Conductivity (µS/cm) | 207.72 |
| Disssolved Oxygen (mg/L) | 7.25 |
| Oxidation Reduction Potential (mV) | -37.1 |
| Turbidity (NTU) | 439.37 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-1 |
| Samplers: | BRANDON WEIDNER, LUIS TORRES | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Dry | | |
| Site: | Fayetteville Works | Date: | 09-14-2022 |
| | | Time: | 13:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 82.0 | degrees F |
| Water Flow: | -- | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Oil | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

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|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | LOC-23C-1-4-091422 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-14-2022 |
| Sample Start Time: | 09:45 |
| Sample End Date: | 09-14-2022 |
| Sample End Time: | 13:25 |
| Sample Date: | 09-14-2022 |
| Sample Time: | 13:25 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 25.1 |
| pH (s.u.) | 4.05 |
| Specific Conductivity (µS/cm) | 2450 |
| Disssolved Oxygen (mg/L) | 3.89 |
| Oxidation Reduction Potential (mV) | 107.6 |
| Turbidity (NTU) | 48.88 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-2 |
| Samplers: | LUIS TORRES, BRANDON WEIDNER | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-14-2022 |
| | | Time: | 15:11 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 85.0 | degrees F |
| Water Flow: | -- | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

| |
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| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-2-4-091422 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-14-2022 |
| Sample Start Time: | 11:31 |
| Sample End Date: | 09-14-2022 |
| Sample End Time: | 15:11 |
| Sample Date: | 09-14-2022 |
| Sample Time: | 15:11 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 33.4 |
| pH (s.u.) | 7.1 |
| Specific Conductivity (µS/cm) | 151.67 |
| Disssolved Oxygen (mg/L) | 6.26 |
| Oxidation Reduction Potential (mV) | 30.3 |
| Turbidity (NTU) | 28.89 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-3 |
| Samplers: | BRANDON WEIDNER, LUIS TORRES | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 09-14-2022 |
| | | Time: | 13:39 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------------|--------------------|------|-----------|
| Weather Conditions: | Partly Sunny and None | Air Temp: | 82.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 4.0 | mph |
| Water Quality Condition: | Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

No liquid detected on sample 6/12. All other samples collected liquid.

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------------|
| Sample ID: | STW-LOC-23C-3-3.6-091422 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-14-2022 |
| Sample Start Time: | 09:59 |
| Sample End Date: | 09-14-2022 |
| Sample End Time: | 13:39 |
| Sample Date: | 09-14-2022 |
| Sample Time: | 13:39 |
| Number of Cycles: | 11 |
| Total ISCO Run Time Hours: | 3.6 |

ALL PARAMETERS ANALYZED

537 Mod | Table 3+

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 27.95 |
| pH (s.u.) | 5.11 |
| Specific Conductivity (µS/cm) | 110 |
| Disssolved Oxygen (mg/L) | 7.68 |
| Oxidation Reduction Potential (mV) | 115.6 |
| Turbidity (NTU) | 19.7 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | KIRSTEN GARD,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | 3Q22 P11 | | |
| Site: | Fayetteville Works | Date: | 09-30-2022 |
| | | Time: | 10:39 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 60.0 | degrees F |
| Water Flow: | | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Yellow | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-1-4-093022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-30-2022 |
| Sample Start Time: | 06:59 |
| Sample End Date: | 09-30-2022 |
| Sample End Time: | 10:39 |
| Sample Date: | 09-30-2022 |
| Sample Time: | 10:39 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 18.89 |
| pH (s.u.) | 7.52 |
| Specific Conductivity (µS/cm) | 218.12 |
| Disssolved Oxygen (mg/L) | 8.96 |
| Oxidation Reduction Potential (mV) | 8.4 |
| Turbidity (NTU) | 45.56 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
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| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 2 |
| Samplers: | TAYLOR CRITTENDEN, KIRSTEN GARD | Project Manager: | TRACY OVBHEY |
| Sampling Event: | 3Q22 P11 (Sept) | | |
| Site: | Fayetteville Works | Date: | 09-30-2022 |
| | | Time: | 10:32 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 60.0 | degrees F |
| Water Flow: | | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-2-4-093022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-30-2022 |
| Sample Start Time: | 06:52 |
| Sample End Date: | 09-30-2022 |
| Sample End Time: | 10:32 |
| Sample Date: | 09-30-2022 |
| Sample Time: | 10:32 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 18.84 |
| pH (s.u.) | 7.96 |
| Specific Conductivity (µS/cm) | 34.51 |
| Disssolved Oxygen (mg/L) | 8.84 |
| Oxidation Reduction Potential (mV) | -11.3 |
| Turbidity (NTU) | 12.29 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
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| |
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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 3 |
| Samplers: | TAYLOR CRITTENDEN, KIRSTEN GARD | Project Manager: | TRACY OVBHEY |
| Sampling Event: | 3Q22 P11 | | |
| Site: | Fayetteville Works | Date: | 09-30-2022 |
| | | Time: | 10:37 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 60.0 | degrees F |
| Water Flow: | -- | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-3-4-093022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-30-2022 |
| Sample Start Time: | 06:57 |
| Sample End Date: | 09-30-2022 |
| Sample End Time: | 10:37 |
| Sample Date: | 09-30-2022 |
| Sample Time: | 10:37 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 18.89 |
| pH (s.u.) | 8.02 |
| Specific Conductivity (µS/cm) | 35.26 |
| Disssolved Oxygen (mg/L) | 9.03 |
| Oxidation Reduction Potential (mV) | -8.5 |
| Turbidity (NTU) | 26.04 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
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| |
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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 4 |
| Samplers: | TAYLOR CRITTENDEN, KIRSTEN GARD | Project Manager: | TRACY OVBHEY |
| Sampling Event: | 3Q22 P11 (Sept) | | |
| Site: | Fayetteville Works | Date: | 09-30-2022 |
| | | Time: | 10:22 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 60.0 | degrees F |
| Water Flow: | | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-4-4-093022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-30-2022 |
| Sample Start Time: | 06:42 |
| Sample End Date: | 09-30-2022 |
| Sample End Time: | 10:22 |
| Sample Date: | 09-30-2022 |
| Sample Time: | 10:22 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 18.91 |
| pH (s.u.) | 7.91 |
| Specific Conductivity (µS/cm) | 44.12 |
| Disssolved Oxygen (mg/L) | 8.78 |
| Oxidation Reduction Potential (mV) | -23.3 |
| Turbidity (NTU) | 1.54 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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| |
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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 5 |
| Samplers: | TAYLOR CRITTENDEN, KIRSTEN GARD | Project Manager: | TRACY OVBHEY |
| Sampling Event: | 3Q22 P11 | | |
| Site: | Fayetteville Works | Date: | 09-30-2022 |
| | | Time: | 10:24 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 60.0 | degrees F |
| Water Flow: | None | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-5-4-093022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-30-2022 |
| Sample Start Time: | 06:44 |
| Sample End Date: | 09-30-2022 |
| Sample End Time: | 10:24 |
| Sample Date: | 09-30-2022 |
| Sample Time: | 10:24 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|--------------------|
| 537 Mod Table 3+ |
|--------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 18.7 |
| pH (s.u.) | 7.83 |
| Specific Conductivity (µS/cm) | 66.37 |
| Disssolved Oxygen (mg/L) | 8.87 |
| Oxidation Reduction Potential (mV) | 3.6 |
| Turbidity (NTU) | 5.17 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
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|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 13 |
| Samplers: | TAYLOR CRITTENDEN, KIRSTEN GARD | Project Manager: | TRACY OVBHEY |
| Sampling Event: | 3Q22 P11 | | |
| Site: | Fayetteville Works | Date: | 09-30-2022 |
| | | Time: | 10:34 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 60.0 | degrees F |
| Water Flow: | -- | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-13-4-093022 |
| QA/QC: | MS MSD |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 09-30-2022 |
| Sample Start Time: | 06:54 |
| Sample End Date: | 09-30-2022 |
| Sample End Time: | 10:34 |
| Sample Date: | 09-30-2022 |
| Sample Time: | 10:34 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------|
| 537 Mod Table 3+ |
|------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 18.56 |
| pH (s.u.) | 7.88 |
| Specific Conductivity (µS/cm) | 127.36 |
| Disssolved Oxygen (mg/L) | 9.44 |
| Oxidation Reduction Potential (mV) | 18.4 |
| Turbidity (NTU) | 0 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|--|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | KEN STUART,KAYTLYN MARINGER,SOPHIA HAYES | Project Manager: | TRACY OVBHEY |
| Sampling Event: | 4Q22 P11 | | |
| Site: | Fayetteville Works | Date: | 11-11-2022 |
| | | Time: | 05:39 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|----|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | -- | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-1-4-111122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-15-2022 |
| Sample Start Time: | 01:59 |
| Sample End Date: | 11-11-2022 |
| Sample End Time: | 05:39 |
| Sample Date: | 11-11-2022 |
| Sample Time: | 05:39 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 22.81 |
| pH (s.u.) | 7.1 |
| Specific Conductivity (µS/cm) | 145.13 |
| Disssolved Oxygen (mg/L) | 8.21 |
| Oxidation Reduction Potential (mV) | 75.3 |
| Turbidity (NTU) | 116 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|--|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 10 |
| Samplers: | SOPHIA HAYES, KEN STUART, KAYTLYN MARINGER | Project Manager: | TRACY OVBHEY |
| Sampling Event: | 4Q22 P11 | | |
| Site: | Fayetteville Works | Date: | 11-15-2022 |
| | | Time: | 05:38 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------|--------------------|----|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | -- | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-10-4-111122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-11-2022 |
| Sample Start Time: | 01:58 |
| Sample End Date: | 11-15-2022 |
| Sample End Time: | 05:38 |
| Sample Date: | 11-11-2022 |
| Sample Time: | 05:38 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 26.76 |
| pH (s.u.) | 7 |
| Specific Conductivity (µS/cm) | 161.69 |
| Disssolved Oxygen (mg/L) | 7.54 |
| Oxidation Reduction Potential (mV) | 15.8 |
| Turbidity (NTU) | 1000+ |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|--|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 11 |
| Samplers: | SOPHIA HAYES, KEN STUART, KAYTLYN MARINGER | Project Manager: | TRACY OVBHEY |
| Sampling Event: | 4Q22 P11 | | |
| Site: | Fayetteville Works | Date: | 11-11-2022 |
| | | Time: | 14:51 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|----|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | -- | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-11-4-111122 |
| QA/QC: | DUP MS MSD |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-15-2022 |
| Sample Start Time: | 10:51 |
| Sample End Date: | 11-15-2022 |
| Sample End Time: | 14:31 |
| Sample Date: | 11-11-2022 |
| Sample Time: | 14:31 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 23.61 |
| pH (s.u.) | 6.95 |
| Specific Conductivity (µS/cm) | 234 |
| Disssolved Oxygen (mg/L) | 7.46 |
| Oxidation Reduction Potential (mV) | 77 |
| Turbidity (NTU) | 20.4 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 13:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 56.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-1-4-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 09:45 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 13:25 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 13:25 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 14.89 |
| pH (s.u.) | 7.65 |
| Specific Conductivity (µS/cm) | 231.1 |
| Disssolved Oxygen (mg/L) | 11.12 |
| Oxidation Reduction Potential (mV) | 39.2 |
| Turbidity (NTU) | 28 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
|--|
| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 2 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 13:10 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 56.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-2-4-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 09:30 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 13:10 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 13:10 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 15.63 |
| pH (s.u.) | 8.55 |
| Specific Conductivity (µS/cm) | 42.05 |
| Disssolved Oxygen (mg/L) | 11.39 |
| Oxidation Reduction Potential (mV) | -14.6 |
| Turbidity (NTU) | 33.21 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 3 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 13:16 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and None | Air Temp: | 56.0 | degrees F |
| Water Flow: | -- | Wind Speed: | -- | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-3-4-113022 |
| QA/QC: | DUP MS MSD |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 09:36 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 13:16 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 13:16 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 15.46 |
| pH (s.u.) | 8.15 |
| Specific Conductivity (µS/cm) | 30.76 |
| Disssolved Oxygen (mg/L) | 11.34 |
| Oxidation Reduction Potential (mV) | 4.9 |
| Turbidity (NTU) | 8.07 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 4 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 13:01 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 56.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-4-4-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 09:21 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 13:01 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 13:01 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 14.8 |
| pH (s.u.) | 8.45 |
| Specific Conductivity (µS/cm) | 18.56 |
| Disssolved Oxygen (mg/L) | 11.25 |
| Oxidation Reduction Potential (mV) | -9.6 |
| Turbidity (NTU) | 3.96 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 5 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 13:31 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 54.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | -- | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

Location had a power failure in the middle of the composite sample, field team was able to replace battery.

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-5-3.3-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 09:51 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 13:31 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 13:31 |
| Number of Cycles: | 10 |
| Total ISCO Run Time Hours: | 3.3 |

ALL PARAMETERS ANALYZED

537 Mod (36) | Table 3+ (20)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 15.55 |
| pH (s.u.) | 8.67 |
| Specific Conductivity (µS/cm) | 975.15 |
| Disssolved Oxygen (mg/L) | 11.09 |
| Oxidation Reduction Potential (mV) | -33.3 |
| Turbidity (NTU) | 91.77 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 6B |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-01-2022 |
| | | Time: | 14:05 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 58.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | foam | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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| -- |
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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-6B-120122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 12-01-2022 |
| Sample Time: | 14:05 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 14.82 |
| pH (s.u.) | 6.12 |
| Specific Conductivity (µS/cm) | 144.56 |
| Disssolved Oxygen (mg/L) | 8.45 |
| Oxidation Reduction Potential (mV) | 137.6 |
| Turbidity (NTU) | 36.3 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7A |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 13:19 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 56.0 | degrees F |
| Water Flow: | -- | Wind Speed: | -- | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7A-4-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 09:39 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 13:19 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 13:19 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 16.1 |
| pH (s.u.) | 7.54 |
| Specific Conductivity (µS/cm) | 213.6 |
| Disssolved Oxygen (mg/L) | 10.95 |
| Oxidation Reduction Potential (mV) | 50 |
| Turbidity (NTU) | 14.3 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7B |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 13:11 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 56.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7B-4-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 09:31 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 13:11 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 13:11 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 15.59 |
| pH (s.u.) | 7.6 |
| Specific Conductivity (µS/cm) | 252.27 |
| Disssolved Oxygen (mg/L) | 10.95 |
| Oxidation Reduction Potential (mV) | 66.4 |
| Turbidity (NTU) | 18.21 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 7C |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 14:33 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 58.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-7C-4-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 10:53 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 14:33 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 14:33 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 16.14 |
| pH (s.u.) | 7.36 |
| Specific Conductivity (µS/cm) | 221.31 |
| Disssolved Oxygen (mg/L) | 11.17 |
| Oxidation Reduction Potential (mV) | 95.4 |
| Turbidity (NTU) | 24.12 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 8 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-01-2022 |
| | | Time: | 15:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 57.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Algal Blooms | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

--

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-8-4-120122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-01-2022 |
| Sample Start Time: | 11:45 |
| Sample End Date: | 12-01-2022 |
| Sample End Time: | 15:25 |
| Sample Date: | 12-01-2022 |
| Sample Time: | 15:25 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 Mod (36) | Table 3+ (20)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 17.53 |
| pH (s.u.) | 7.98 |
| Specific Conductivity (µS/cm) | 1375.4 |
| Disssolved Oxygen (mg/L) | 8.93 |
| Oxidation Reduction Potential (mV) | 24.1 |
| Turbidity (NTU) | 107.2 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 13:08 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|-----------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 58.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | Solids/Trash | | | |
| Water Clarity: | Cloudy | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-9-4-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 09:28 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 13:08 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 13:08 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 19.73 |
| pH (s.u.) | 7.73 |
| Specific Conductivity (µS/cm) | 233.31 |
| Disssolved Oxygen (mg/L) | 9.96 |
| Oxidation Reduction Potential (mV) | 40.3 |
| Turbidity (NTU) | 7.46 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 9a |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-01-2022 |
| | | Time: | 14:20 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 58.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Green | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|-------------------|
| Sample ID: | STW-LOC-9a-120122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 12-01-2022 |
| Sample Time: | 14:20 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 21.46 |
| pH (s.u.) | 6.88 |
| Specific Conductivity (µS/cm) | 138.96 |
| Disssolved Oxygen (mg/L) | 8.29 |
| Oxidation Reduction Potential (mV) | 105.7 |
| Turbidity (NTU) | 35.3 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
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| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 10a |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 14:10 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 56.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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| -- |
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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-10A-4-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 10:30 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 14:10 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 14:10 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 18.17 |
| pH (s.u.) | 7.68 |
| Specific Conductivity (µS/cm) | 221.85 |
| Disssolved Oxygen (mg/L) | 10.17 |
| Oxidation Reduction Potential (mV) | 43.5 |
| Turbidity (NTU) | 9.72 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 11 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 15:05 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|----|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | -- | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

| |
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|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-11-4-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 11:25 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 15:05 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 15:05 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 15.34 |
| pH (s.u.) | 7.32 |
| Specific Conductivity (µS/cm) | 221.21 |
| Disssolved Oxygen (mg/L) | 11.07 |
| Oxidation Reduction Potential (mV) | 41.3 |
| Turbidity (NTU) | 33.2 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 12 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 13:16 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 56.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-12-4-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 09:36 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 13:16 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 13:16 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 15.12 |
| pH (s.u.) | 7.48 |
| Specific Conductivity (µS/cm) | 215.18 |
| Disssolved Oxygen (mg/L) | 10.37 |
| Oxidation Reduction Potential (mV) | 33.8 |
| Turbidity (NTU) | 87.18 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 13 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 13:11 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 58.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-13-4-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 09:31 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 13:11 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 13:11 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 16.5 |
| pH (s.u.) | 7.58 |
| Specific Conductivity (µS/cm) | 35.91 |
| Disssolved Oxygen (mg/L) | 10.79 |
| Oxidation Reduction Potential (mV) | 58.7 |
| Turbidity (NTU) | 4.3 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 14 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 15:07 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 58.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | Algal Blooms | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-14-4-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 11:27 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 15:07 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 15:07 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 16.23 |
| pH (s.u.) | 7.68 |
| Specific Conductivity (µS/cm) | 72.29 |
| Disssolved Oxygen (mg/L) | 11.01 |
| Oxidation Reduction Potential (mV) | 23 |
| Turbidity (NTU) | 0.78 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 15 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 13:13 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 56.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-15-4-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 09:33 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 13:13 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 13:13 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 16.15 |
| pH (s.u.) | 7.57 |
| Specific Conductivity (µS/cm) | 220.88 |
| Disssolved Oxygen (mg/L) | 10.15 |
| Oxidation Reduction Potential (mV) | 71.1 |
| Turbidity (NTU) | 17.67 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 18 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-02-2022 |
| | | Time: | 16:01 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 55.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Scum Solids Trash Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | White | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

ISCO malfunctioned on 12/01 with tubing popping out of interior of ISCO, confirmed that reset & sample on 12/02 was acceptable

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-18-4-120222 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-02-2022 |
| Sample Start Time: | 12:21 |
| Sample End Date: | 12-02-2022 |
| Sample End Time: | 16:01 |
| Sample Date: | 12-02-2022 |
| Sample Time: | 16:01 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

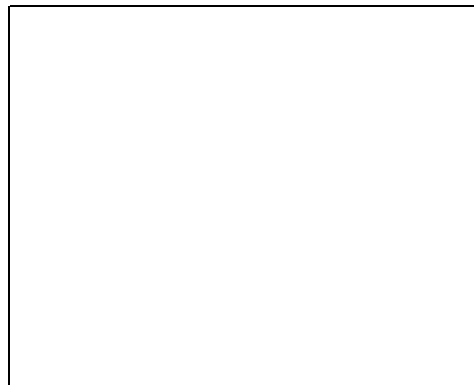
537 Mod (36) | Table 3+ (20)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 19.23 |
| pH (s.u.) | 9.52 |
| Specific Conductivity (µS/cm) | 1540.8 |
| Disssolved Oxygen (mg/L) | 8.16 |
| Oxidation Reduction Potential (mV) | -51.9 |
| Turbidity (NTU) | 300.26 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19A |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-01-2022 |
| | | Time: | 13:30 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 57.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19A-120122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 12-01-2022 |
| Sample Time: | 13:30 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

537 Mod (36) | Table 3+ (20)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 33.14 |
| pH (s.u.) | 7.69 |
| Specific Conductivity (µS/cm) | 124.18 |
| Disssolved Oxygen (mg/L) | 7.34 |
| Oxidation Reduction Potential (mV) | 11.9 |
| Turbidity (NTU) | 13.03 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 19B |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-01-2022 |
| | | Time: | 13:40 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 57.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

| |
|----|
| -- |
|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-19B-120122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 12-01-2022 |
| Sample Time: | 13:40 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 20.14 |
| pH (s.u.) | 7.52 |
| Specific Conductivity (µS/cm) | 49.41 |
| Disssolved Oxygen (mg/L) | 8.67 |
| Oxidation Reduction Potential (mV) | 43 |
| Turbidity (NTU) | 12.99 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 20 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 13:24 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 58.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | -- | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

--

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-20-4-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 11-30-2022 |
| Sample Start Time: | 09:44 |
| Sample End Date: | 11-30-2022 |
| Sample End Time: | 13:24 |
| Sample Date: | 11-30-2022 |
| Sample Time: | 13:24 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 Mod (36) | Table 3+ (20)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 16.75 |
| pH (s.u.) | 7.48 |
| Specific Conductivity (µS/cm) | 222.12 |
| Disssolved Oxygen (mg/L) | 10.67 |
| Oxidation Reduction Potential (mV) | 87 |
| Turbidity (NTU) | 13.5 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 21B |
| Samplers: | JAMIE MCGEE,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 - Full | | |
| Site: | Fayetteville Works | Date: | 11-30-2022 |
| | | Time: | 10:25 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 54.0 | degrees F |
| Water Flow: | -- | Wind Speed: | -- | mph |
| Water Quality Condition: | Sludge Deposits | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Tan | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|--------------------|
| Sample ID: | STW-LOC-21B-113022 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | Grab |
| Sample Start Date: | -- |
| Sample Start Time: | -- |
| Sample End Date: | -- |
| Sample End Time: | -- |
| Sample Date: | 11-30-2022 |
| Sample Time: | 10:25 |
| Number of Cycles: | -- |
| Total ISCO Run Time Hours: | -- |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 15.36 |
| pH (s.u.) | 7.37 |
| Specific Conductivity (µS/cm) | 202.46 |
| Disssolved Oxygen (mg/L) | 10.88 |
| Oxidation Reduction Potential (mV) | 40.6 |
| Turbidity (NTU) | 2.67 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 22 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-01-2022 |
| | | Time: | 14:52 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|----------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 58.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Scum Solids Foam | | | |
| Water Clarity: | Murky (<4' vis) | | | |
| Water Color: | white | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

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|----|

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-22-4-120122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-01-2022 |
| Sample Start Time: | 11:12 |
| Sample End Date: | 12-01-2022 |
| Sample End Time: | 14:52 |
| Sample Date: | 12-01-2022 |
| Sample Time: | 14:52 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|-----------------------------|
| 537 Mod (36) Table 3+(20) |
|-----------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 20.4 |
| pH (s.u.) | 7.77 |
| Specific Conductivity (µS/cm) | 658.33 |
| Disssolved Oxygen (mg/L) | 5.17 |
| Oxidation Reduction Potential (mV) | 23.8 |
| Turbidity (NTU) | 5735.7 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-1 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-01-2022 |
| | | Time: | 15:21 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 58.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Oil | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | reddish brown tint | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

| |
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| -- |
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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-1-4-120122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-01-2022 |
| Sample Start Time: | 11:41 |
| Sample End Date: | 12-01-2022 |
| Sample End Time: | 15:21 |
| Sample Date: | 12-01-2022 |
| Sample Time: | 15:21 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 17.59 |
| pH (s.u.) | 4.97 |
| Specific Conductivity (µS/cm) | 225.88 |
| Disssolved Oxygen (mg/L) | 8.82 |
| Oxidation Reduction Potential (mV) | 137.1 |
| Turbidity (NTU) | 6.15 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-2 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-01-2022 |
| | | Time: | 15:26 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 57.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-2-4-120122 |
| QA/QC: | DUP MS MSD |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-01-2022 |
| Sample Start Time: | 11:46 |
| Sample End Date: | 12-01-2022 |
| Sample End Time: | 15:26 |
| Sample Date: | 12-01-2022 |
| Sample Time: | 15:26 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 21.58 |
| pH (s.u.) | 8.78 |
| Specific Conductivity (µS/cm) | 1193.9 |
| Disssolved Oxygen (mg/L) | 4.29 |
| Oxidation Reduction Potential (mV) | -23.2 |
| Turbidity (NTU) | 87.52 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 23C-3 |
| Samplers: | TAYLOR CRITTENDEN, JAMIE MCGEE | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 -Dry | | |
| Site: | Fayetteville Works | Date: | 12-01-2022 |
| | | Time: | 16:13 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Sunny and None | Air Temp: | 58.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Foam | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | Mixed | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|------------------------|
| Sample ID: | STW-LOC-23C-3-4-120122 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-01-2022 |
| Sample Start Time: | 12:33 |
| Sample End Date: | 12-01-2022 |
| Sample End Time: | 16:13 |
| Sample Date: | 12-01-2022 |
| Sample Time: | 16:13 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

| |
|------------------------------|
| 537 Mod (36) Table 3+ (20) |
|------------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 23.09 |
| pH (s.u.) | 8.6 |
| Specific Conductivity (µS/cm) | 247.41 |
| Disssolved Oxygen (mg/L) | 7.69 |
| Oxidation Reduction Potential (mV) | -32.4 |
| Turbidity (NTU) | 55.16 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

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Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 1 |
| Samplers: | BRANDON WEIDNER,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 Sampling 4Q22 | | |
| Site: | Fayetteville Works | Date: | 12-15-2022 |
| | | Time: | 08:47 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 47.0 | degrees F |
| Water Flow: | -- | Wind Speed: | 7.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Cloudy (>4" vis) | | | |
| Water Color: | Brown | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|----------------------|
| Sample ID: | STW-LOC-1-1.3-121522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-15-2022 |
| Sample Start Time: | 07:21 |
| Sample End Date: | 12-15-2022 |
| Sample End Time: | 08:21 |
| Sample Date: | 12-15-2022 |
| Sample Time: | 08:21 |
| Number of Cycles: | 4 |
| Total ISCO Run Time Hours: | 1.3 |

ALL PARAMETERS ANALYZED

| |
|-------------------------|
| 537 Mod (36) Table 3+ |
|-------------------------|

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 10.86 |
| pH (s.u.) | 7.96 |
| Specific Conductivity (µS/cm) | 230.58 |
| Disssolved Oxygen (mg/L) | 11.16 |
| Oxidation Reduction Potential (mV) | 42.6 |
| Turbidity (NTU) | 31.98 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

| |
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| |
|--|

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 10 |
| Samplers: | BRANDON WEIDNER,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 Sampling 4Q22 | | |
| Site: | Fayetteville Works | Date: | 12-15-2022 |
| | | Time: | 08:42 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 47.0 | degrees F |
| Water Flow: | -- | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | None | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

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Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-10-4-121522 |
| QA/QC: | DUP MS MSD |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-15-2022 |
| Sample Start Time: | 08:03 |
| Sample End Date: | 12-15-2022 |
| Sample End Time: | 11:43 |
| Sample Date: | 12-15-2022 |
| Sample Time: | 11:43 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

537 Mod (36)|Table 3+

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|-------|
| Temperature (°C) | 10.32 |
| pH (s.u.) | 7.97 |
| Specific Conductivity (µS/cm) | 709.6 |
| Disssolved Oxygen (mg/L) | 9.49 |
| Oxidation Reduction Potential (mV) | 37.1 |
| Turbidity (NTU) | 2.83 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION

Observation of Sample Location:

Miscellaneous Observations:

Stormwater Sampling

| | | | |
|------------------------|-----------------------------------|-------------------------|--------------|
| Project Name: | Fayetteville Stormwater Sampling | Location ID: | 11 |
| Samplers: | BRANDON WEIDNER,TAYLOR CRITTENDEN | Project Manager: | TRACY OVBHEY |
| Sampling Event: | P11 Sampling 4Q22 | | |
| Site: | Fayetteville Works | Date: | 12-15-2022 |
| | | Time: | 08:35 |

FIELD OBSERVATIONS

| | | | | |
|---------------------------------|--------------------|--------------------|------|-----------|
| Weather Conditions: | Cloudy and Rain | Air Temp: | 47.0 | degrees F |
| Water Flow: | Flowing | Wind Speed: | 5.0 | mph |
| Water Quality Condition: | Trash | | | |
| Water Clarity: | Clear (see bottom) | | | |
| Water Color: | Colorless | | | |
| Water Odor: | None | | | |

Other Significant Observations or Unusual Occurences:

--

Flow Reading: --

SAMPLE DETAILS*

| | |
|-----------------------------------|---------------------|
| Sample ID: | STW-LOC-11-4-121522 |
| QA/QC: | -- |
| Field Filtered: | No |
| Sampling Method: | ISCO |
| Sample Start Date: | 12-15-2022 |
| Sample Start Time: | 09:10 |
| Sample End Date: | 12-15-2022 |
| Sample End Time: | 12:51 |
| Sample Date: | 12-15-2022 |
| Sample Time: | 12:51 |
| Number of Cycles: | 12 |
| Total ISCO Run Time Hours: | 4 |

ALL PARAMETERS ANALYZED

Table 3+, 537 MOD (36)

*Note: Sample start time required for grab and composite samples. Sample end time required for composite samples only.

FIELD MEASUREMENTS**

| Parameter | |
|------------------------------------|--------|
| Temperature (°C) | 10.42 |
| pH (s.u.) | 7.82 |
| Specific Conductivity (µS/cm) | 1164.5 |
| Disssolved Oxygen (mg/L) | 4.54 |
| Oxidation Reduction Potential (mV) | 9.9 |
| Turbidity (NTU) | 28.24 |
| Total Dissolved Solids (mg/L) | -- |

PHOTO AT SAMPLE LOCATION



Observation of Sample Location:

Miscellaneous Observations: